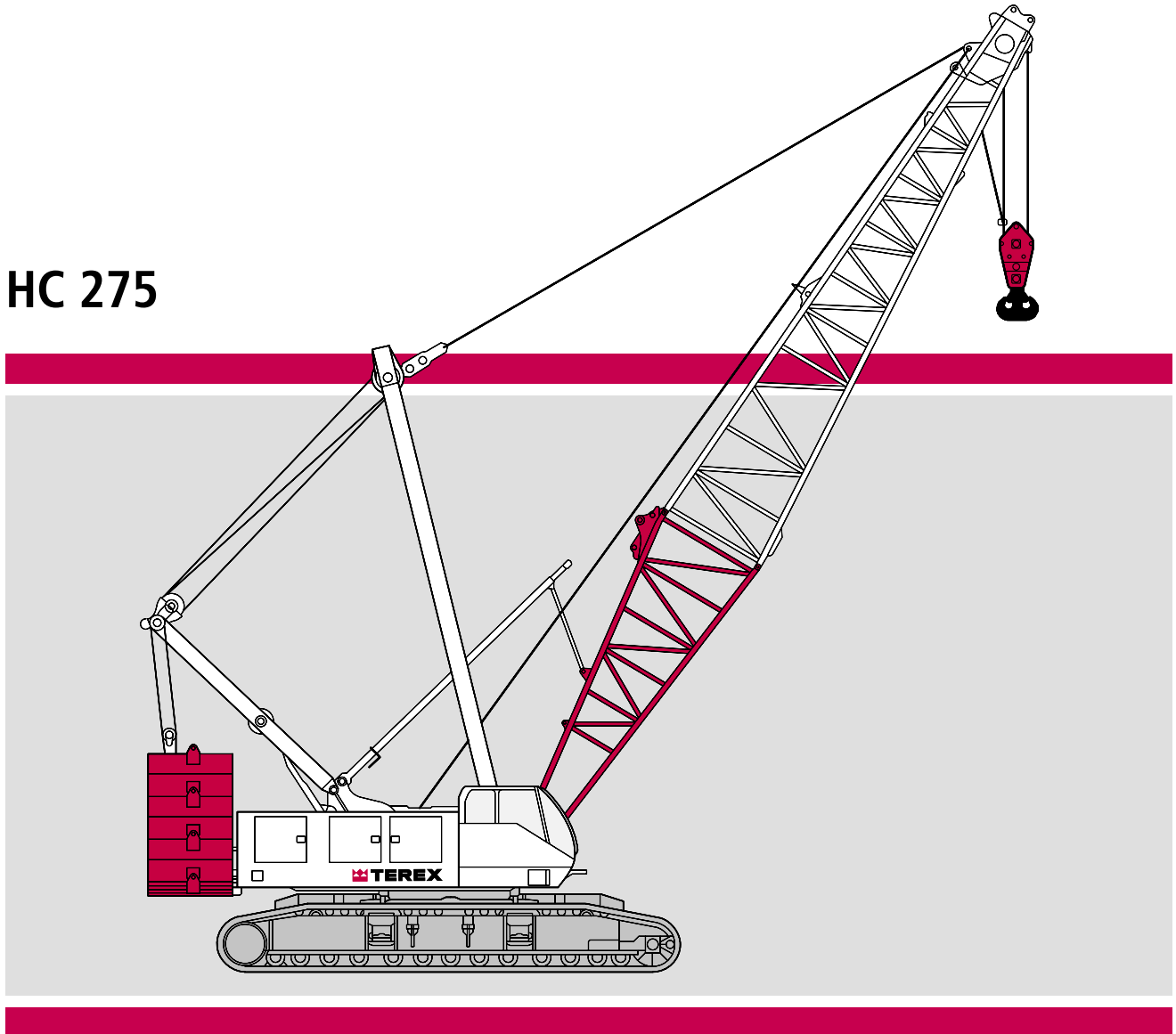




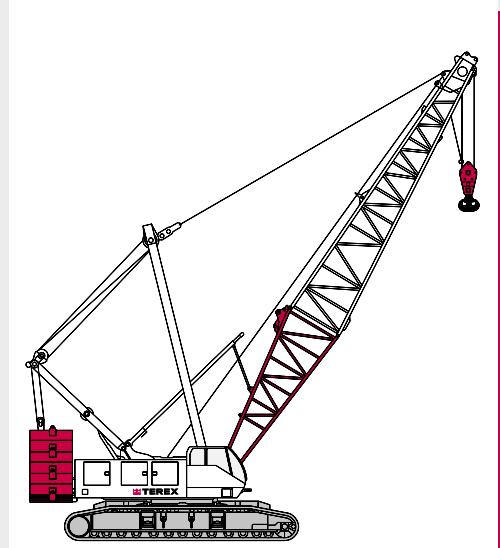
HC 275



## Demag HC 275

# HIGHLIGHTS

- ▶ 275 tons (249.5 m) maximum lift capacity
- ▶ Power up/down and freefall on main and auxiliary drums
- ▶ Quiet, comfortable operator's cab with excellent viewing range
- ▶ Shockless stop system gradually retards operating speed to reduce shocks when crane approaches lifting load or boom limits
- ▶ Two speed travel allows operator to select the best speed and power control for any condition
- ▶ Superior transportability:  
11 ft 6 in. (3.51 m) width  
11 ft 3 in. (3.43 m) height
- ▶ Hydraulic counterweight removal system simplifies installation and removal



[www.terex-cranes.com](http://www.terex-cranes.com)

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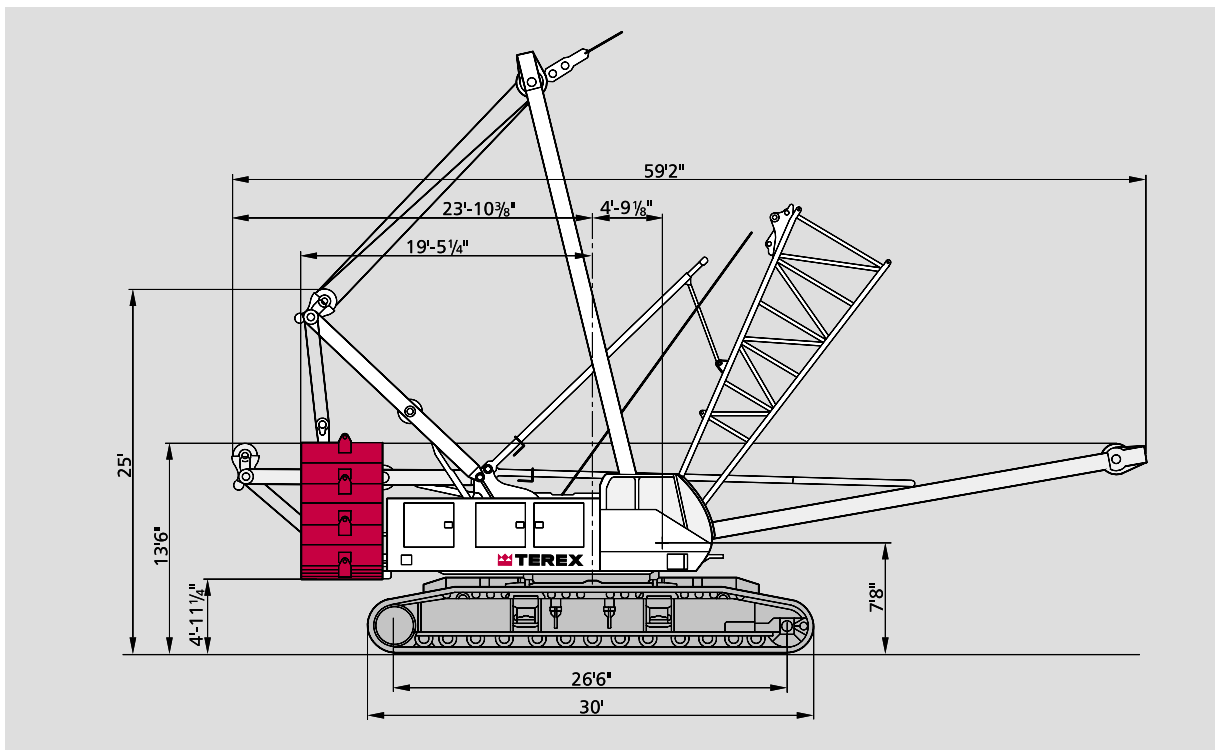
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HC 275

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## Dimensions

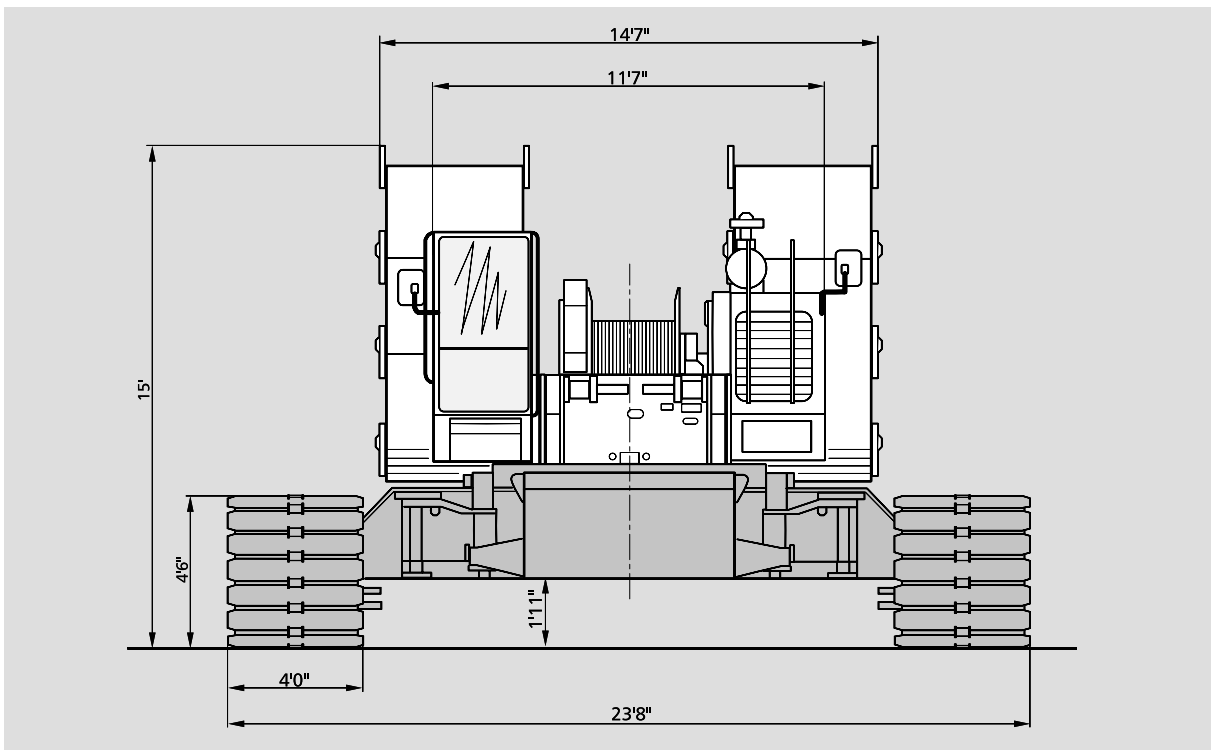


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HC 275



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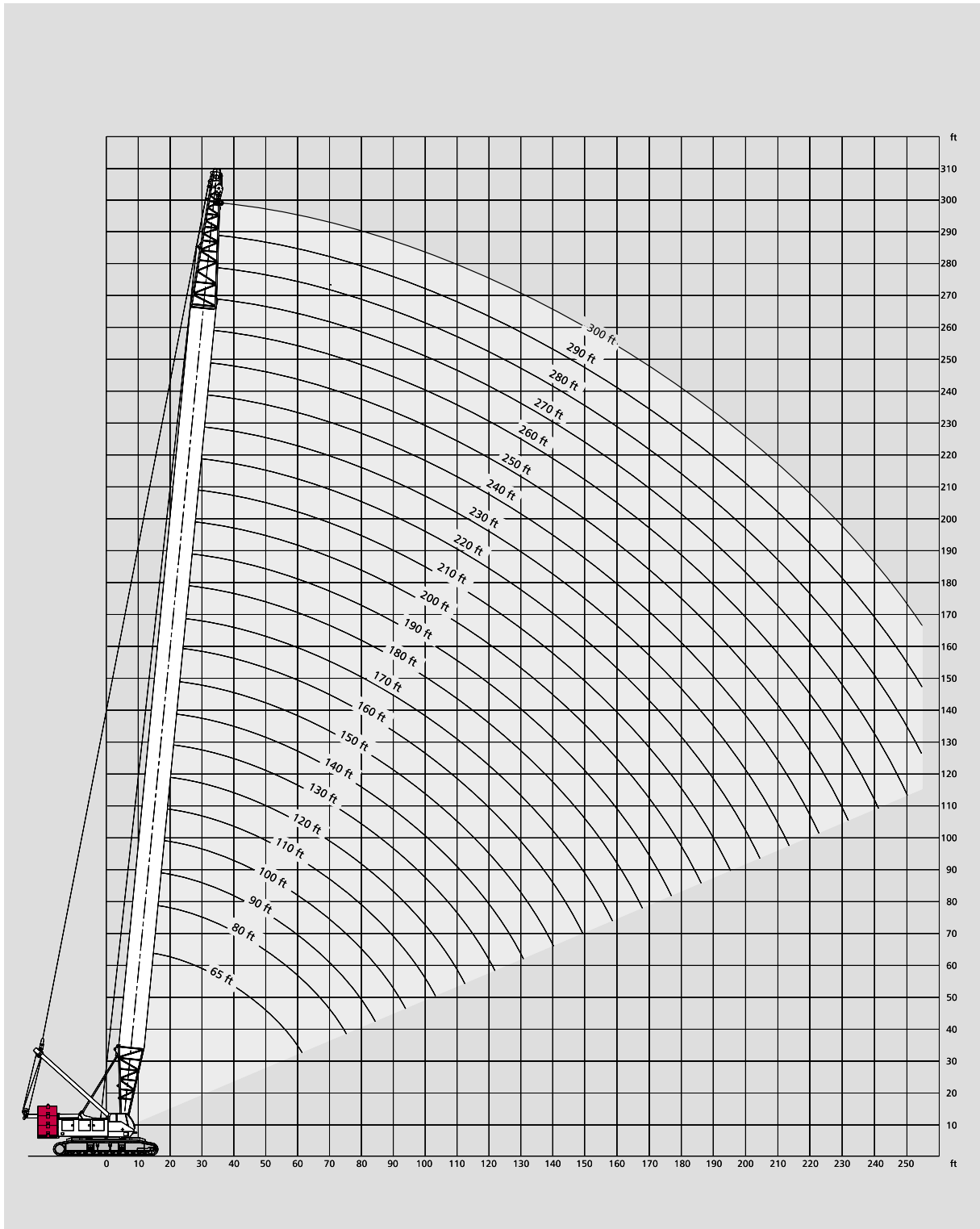


HC 275

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## Range Diagram 92HI Boom



## With 92HI Offset Tip Boom and 195,000 Pound Counterweight

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

| 65' (21.3 m) Boom length |                      |                            |                                |
|--------------------------|----------------------|----------------------------|--------------------------------|
| Radius (Feet)            | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
| 16                       | 81.4                 | 550,000 *                  | 77                             |
| 20                       | 77.8                 | 438,430 *                  | 76                             |
| 25                       | 73.2                 | 350,740 *                  | 75                             |
| 30                       | 68.5                 | 292,250 *                  | 74                             |
| 35                       | 63.6                 | 232,570                    | 72                             |
| 40                       | 58.5                 | 191,980                    | 69                             |
| 50                       | 47.2                 | 141,340                    | 62                             |
| 60                       | 33.1                 | 111,040                    | 52                             |

| 80' (24.4 m) Boom length |                      |                            |                                |
|--------------------------|----------------------|----------------------------|--------------------------------|
| Radius (Feet)            | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
| 18                       | 81.6                 | 486,730 *                  | 87                             |
| 20                       | 80.1                 | 438,040 *                  | 86                             |
| 25                       | 76.4                 | 350,420 *                  | 85                             |
| 30                       | 72.7                 | 291,950 *                  | 84                             |
| 35                       | 68.9                 | 232,830                    | 82                             |
| 40                       | 64.9                 | 192,200                    | 80                             |
| 50                       | 56.6                 | 141,520                    | 74                             |
| 60                       | 47.4                 | 111,220                    | 67                             |
| 70                       | 36.5                 | 90,940                     | 55                             |
| 80                       | 21.0                 | 76,540                     | 36                             |

| 90' (27.4 m) Boom length |                      |                            |                                |
|--------------------------|----------------------|----------------------------|--------------------------------|
| Radius (Feet)            | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
| 19                       | 81.8                 | 460,720 *                  | 97                             |
| 20                       | 81.2                 | 437,780 *                  | 97                             |
| 25                       | 78.0                 | 350,200 *                  | 96                             |
| 30                       | 74.7                 | 291,750 *                  | 94                             |
| 35                       | 71.3                 | 232,570                    | 93                             |
| 40                       | 67.9                 | 191,940                    | 91                             |
| 50                       | 60.8                 | 141,230                    | 86                             |
| 60                       | 53.1                 | 110,930                    | 80                             |
| 70                       | 44.5                 | 90,640                     | 71                             |
| 80                       | 34.2                 | 76,270                     | 58                             |
| 90                       | 19.7                 | 65,390                     | 38                             |

| 100' (30.5 m) Boom length |                      |                            |                                |
|---------------------------|----------------------|----------------------------|--------------------------------|
| Radius (Feet)             | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
| 21                        | 81.5                 | 416,560 *                  | 107                            |
| 25                        | 79.2                 | 349,990 *                  | 106                            |
| 30                        | 76.2                 | 291,560 *                  | 105                            |
| 35                        | 73.3                 | 232,180                    | 103                            |
| 40                        | 70.2                 | 191,530                    | 102                            |
| 50                        | 64.0                 | 140,800                    | 98                             |
| 60                        | 57.3                 | 110,500                    | 92                             |
| 70                        | 50.1                 | 90,190                     | 84                             |
| 80                        | 42.1                 | 75,850                     | 75                             |
| 90                        | 32.4                 | 64,980                     | 61                             |
| 100                       | 18.6                 | 56,510                     | 40                             |

| 110' (33.5 m) Boom length |                      |                            |                                |
|---------------------------|----------------------|----------------------------|--------------------------------|
| Radius (Feet)             | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
| 22                        | 81.8                 | 397,510 *                  | 117                            |
| 25                        | 80.2                 | 349,770 *                  | 116                            |
| 30                        | 77.5                 | 291,370 *                  | 115                            |
| 35                        | 74.8                 | 231,840                    | 114                            |
| 40                        | 72.1                 | 191,170                    | 112                            |
| 50                        | 66.5                 | 140,420                    | 109                            |
| 60                        | 60.6                 | 110,120                    | 104                            |
| 70                        | 54.4                 | 89,800                     | 97                             |
| 80                        | 47.6                 | 75,490                     | 89                             |
| 90                        | 40.0                 | 64,610                     | 78                             |
| 100                       | 30.8                 | 56,140                     | 64                             |
| 110                       | 17.7                 | 49,370                     | 41                             |

| 120' (36.6 m) Boom length |                      |                            |                                |
|---------------------------|----------------------|----------------------------|--------------------------------|
| Radius (Feet)             | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
| 23                        | 82.0                 | 373,770 *                  | 126                            |
| 25                        | 81.0                 | 349,560 *                  | 126                            |
| 30                        | 78.6                 | 291,180 *                  | 125                            |
| 35                        | 76.1                 | 231,450                    | 124                            |
| 40                        | 73.6                 | 190,780                    | 123                            |
| 50                        | 68.6                 | 140,010                    | 119                            |
| 60                        | 63.3                 | 109,710                    | 115                            |
| 70                        | 57.8                 | 89,380                     | 109                            |
| 80                        | 51.9                 | 75,080                     | 102                            |
| 90                        | 45.5                 | 64,200                     | 93                             |
| 100                       | 38.2                 | 55,730                     | 82                             |
| 110                       | 29.4                 | 48,960                     | 67                             |
| 120                       | 16.9                 | 43,430                     | 43                             |

| 130' (39.6 m) Boom length |                      |                            |                                |
|---------------------------|----------------------|----------------------------|--------------------------------|
| Radius (Feet)             | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
| 25                        | 81.7                 | 321,040 *                  | 136                            |
| 30                        | 79.5                 | 287,400 *                  | 135                            |
| 35                        | 77.2                 | 231,430                    | 134                            |
| 40                        | 74.9                 | 190,760                    | 133                            |
| 50                        | 70.3                 | 140,010                    | 130                            |
| 60                        | 65.5                 | 109,740                    | 126                            |
| 70                        | 60.5                 | 89,410                     | 121                            |
| 80                        | 55.3                 | 75,140                     | 115                            |
| 90                        | 49.7                 | 64,250                     | 107                            |
| 100                       | 43.6                 | 55,790                     | 97                             |
| 110                       | 36.6                 | 49,020                     | 85                             |
| 120                       | 28.2                 | 43,490                     | 69                             |
| 130                       | 16.2                 | 38,980                     | 44                             |

| 140' (42.7 m) Boom length |                      |                            |                                |
|---------------------------|----------------------|----------------------------|--------------------------------|
| Radius (Feet)             | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
| 26                        | 81.9                 | 297,000 *                  | 146                            |
| 30                        | 80.2                 | 281,420 *                  | 146                            |
| 35                        | 78.1                 | 231,040                    | 145                            |
| 40                        | 76.0                 | 190,370                    | 144                            |
| 50                        | 71.8                 | 139,590                    | 141                            |
| 60                        | 67.4                 | 109,320                    | 137                            |
| 70                        | 62.8                 | 88,970                     | 132                            |
| 80                        | 58.1                 | 74,720                     | 127                            |
| 90                        | 53.1                 | 63,820                     | 120                            |
| 100                       | 47.8                 | 55,360                     | 111                            |
| 110                       | 41.9                 | 48,590                     | 101                            |
| 120                       | 35.2                 | 43,060                     | 88                             |
| 130                       | 27.2                 | 38,600                     | 72                             |
| 140                       | 15.6                 | 34,660                     | 45                             |

| 150' (45.7 m) Boom length |                      |                            |                                |
|---------------------------|----------------------|----------------------------|--------------------------------|
| Radius (Feet)             | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
| 28                        | 81.7                 | 292,420 *                  | 156                            |
| 30                        | 80.9                 | 275,620 *                  | 156                            |
| 35                        | 78.9                 | 230,610                    | 155                            |
| 40                        | 77.0                 | 189,910                    | 154                            |
| 50                        | 73.0                 | 139,110                    | 151                            |
| 60                        | 69.0                 | 108,840                    | 148                            |
| 70                        | 64.8                 | 88,460                     | 143                            |
| 80                        | 60.5                 | 74,230                     | 138                            |
| 90                        | 55.9                 | 63,320                     | 132                            |
| 100                       | 51.2                 | 54,850                     | 124                            |
| 110                       | 46.0                 | 48,080                     | 116                            |
| 120                       | 40.4                 | 42,540                     | 105                            |
| 130                       | 34.0                 | 38,120                     | 91                             |
| 140                       | 26.2                 | 34,200                     | 74                             |
| 150                       | 15.1                 | 30,820                     | 47                             |



HC 275



## With 92HI Offset Tip Boom and 195,000 Pound Counterweight

195 klb + 64 klb CB

360°

ANSI B 30.5  
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| 160' (48.8 m) Boom length |                      |                            |                                |
|---------------------------|----------------------|----------------------------|--------------------------------|
| Radius (Feet)             | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
| 29                        | 81.8                 | 270,330 *                  | 166                            |
| 30                        | 81.5                 | 268,190 *                  | 166                            |
| 35                        | 79.6                 | 227,390 *                  | 165                            |
| 40                        | 77.8                 | 189,490                    | 164                            |
| 50                        | 74.1                 | 138,670                    | 162                            |
| 60                        | 70.3                 | 108,380                    | 158                            |
| 70                        | 66.5                 | 88,000                     | 154                            |
| 80                        | 62.5                 | 73,780                     | 150                            |
| 90                        | 58.3                 | 62,870                     | 144                            |
| 100                       | 54.0                 | 54,390                     | 137                            |
| 110                       | 49.4                 | 47,610                     | 129                            |
| 120                       | 44.5                 | 42,070                     | 120                            |
| 130                       | 39.0                 | 37,680                     | 108                            |
| 140                       | 32.8                 | 33,760                     | 94                             |
| 150                       | 25.3                 | 30,390                     | 76                             |
| 160                       | 14.6                 | 27,470                     | 48                             |

| 190' (57.9 m) Boom length |                      |                            |                                |
|---------------------------|----------------------|----------------------------|--------------------------------|
| Radius (Feet)             | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
| 33                        | 81.9                 | 199,300 *                  | 196                            |
| 35                        | 81.3                 | 197,990 *                  | 195                            |
| 40                        | 79.8                 | 186,320 *                  | 195                            |
| 50                        | 76.7                 | 137,580                    | 193                            |
| 60                        | 73.6                 | 107,310                    | 190                            |
| 70                        | 70.4                 | 86,890                     | 187                            |
| 80                        | 67.1                 | 72,720                     | 183                            |
| 90                        | 63.8                 | 61,800                     | 178                            |
| 100                       | 60.4                 | 53,300                     | 173                            |
| 110                       | 56.8                 | 46,510                     | 167                            |
| 120                       | 53.1                 | 40,960                     | 160                            |
| 130                       | 49.2                 | 36,670                     | 152                            |
| 140                       | 45.1                 | 32,760                     | 142                            |
| 150                       | 40.6                 | 29,390                     | 131                            |
| 160                       | 35.7                 | 26,470                     | 118                            |
| 170                       | 30.0                 | 23,920                     | 103                            |
| 180                       | 23.2                 | 21,670                     | 82                             |
| 190                       | 13.3                 | 18,900 *                   | 51                             |

| 170' (51.8 m) Boom length |                      |                            |                                |
|---------------------------|----------------------|----------------------------|--------------------------------|
| Radius (Feet)             | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
| 30                        | 82.0                 | 249,690 *                  | 176                            |
| 35                        | 80.3                 | 223,060 *                  | 175                            |
| 40                        | 78.5                 | 189,050                    | 174                            |
| 50                        | 75.1                 | 138,210                    | 172                            |
| 60                        | 71.5                 | 107,930                    | 169                            |
| 70                        | 67.9                 | 87,530                     | 165                            |
| 80                        | 64.2                 | 73,320                     | 161                            |
| 90                        | 60.4                 | 62,400                     | 155                            |
| 100                       | 56.4                 | 53,910                     | 149                            |
| 110                       | 52.3                 | 47,140                     | 142                            |
| 120                       | 47.8                 | 41,590                     | 134                            |
| 130                       | 43.0                 | 37,240                     | 124                            |
| 140                       | 37.8                 | 33,310                     | 112                            |
| 150                       | 31.8                 | 29,940                     | 97                             |
| 160                       | 24.6                 | 27,030                     | 78                             |
| 170                       | 14.1                 | 24,460                     | 49                             |

| 200' (61.0 m) Boom length |                      |                            |                                |
|---------------------------|----------------------|----------------------------|--------------------------------|
| Radius (Feet)             | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
| 35                        | 81.7                 | 193,970 *                  | 206                            |
| 40                        | 80.3                 | 183,030 *                  | 205                            |
| 50                        | 77.4                 | 137,100                    | 203                            |
| 60                        | 74.4                 | 106,830                    | 200                            |
| 70                        | 71.4                 | 86,380                     | 197                            |
| 80                        | 68.3                 | 72,230                     | 194                            |
| 90                        | 65.2                 | 61,290                     | 189                            |
| 100                       | 62.0                 | 52,790                     | 184                            |
| 110                       | 58.7                 | 46,000                     | 179                            |
| 120                       | 55.3                 | 40,440                     | 172                            |
| 130                       | 51.7                 | 36,180                     | 165                            |
| 140                       | 47.9                 | 32,250                     | 156                            |
| 150                       | 43.9                 | 28,890                     | 146                            |
| 160                       | 39.5                 | 25,960                     | 135                            |
| 170                       | 34.7                 | 23,410                     | 122                            |
| 180                       | 29.2                 | 21,160                     | 105                            |
| 190                       | 22.6                 | 19,160                     | 84                             |
| 200                       | 13.0                 | 16,120 *                   | 53                             |

| 180' (54.9 m) Boom length |                      |                            |                                |
|---------------------------|----------------------|----------------------------|--------------------------------|
| Radius (Feet)             | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
| 32                        | 81.8                 | 215,060 *                  | 186                            |
| 35                        | 80.8                 | 212,500 *                  | 185                            |
| 40                        | 79.2                 | 188,840                    | 184                            |
| 50                        | 75.9                 | 138,010                    | 182                            |
| 60                        | 72.6                 | 107,760                    | 179                            |
| 70                        | 69.2                 | 87,350                     | 176                            |
| 80                        | 65.8                 | 73,170                     | 172                            |
| 90                        | 62.2                 | 62,250                     | 167                            |
| 100                       | 58.5                 | 53,770                     | 161                            |
| 110                       | 54.7                 | 46,990                     | 155                            |
| 120                       | 50.7                 | 41,440                     | 147                            |
| 130                       | 46.4                 | 37,130                     | 138                            |
| 140                       | 41.8                 | 33,200                     | 128                            |
| 150                       | 36.7                 | 29,840                     | 115                            |
| 160                       | 30.9                 | 26,910                     | 100                            |
| 170                       | 23.8                 | 24,370                     | 80                             |
| 180                       | 13.7                 | 21,830 *                   | 50                             |

| 210' (64.0 m) Boom length |                      |                            |                                |
|---------------------------|----------------------|----------------------------|--------------------------------|
| Radius (Feet)             | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
| 36                        | 81.8                 | 174,640 *                  | 216                            |
| 40                        | 80.7                 | 174,640 *                  | 215                            |
| 50                        | 78.0                 | 136,630                    | 213                            |
| 60                        | 75.2                 | 106,370                    | 211                            |
| 70                        | 72.3                 | 85,910                     | 208                            |
| 80                        | 69.4                 | 71,760                     | 204                            |
| 90                        | 66.5                 | 60,810                     | 200                            |
| 100                       | 63.4                 | 52,310                     | 195                            |
| 110                       | 60.3                 | 45,510                     | 190                            |
| 120                       | 57.1                 | 40,360                     | 184                            |
| 130                       | 53.8                 | 35,710                     | 177                            |
| 140                       | 50.3                 | 31,780                     | 169                            |
| 150                       | 46.7                 | 28,410                     | 160                            |
| 160                       | 42.7                 | 25,500                     | 150                            |
| 170                       | 38.5                 | 22,940                     | 138                            |
| 180                       | 33.8                 | 20,690                     | 125                            |
| 190                       | 28.5                 | 18,690                     | 108                            |
| 200                       | 22.0                 | 16,910                     | 86                             |
| 210                       | 12.6                 | 13,590 *                   | 54                             |

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195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

| 220' (67.1 m) Boom length |      |           |     |
|---------------------------|------|-----------|-----|
| 37                        | 82.0 | 156,330 * | 225 |
| 40                        | 81.2 | 156,330 * | 225 |
| 50                        | 78.5 | 136,180   | 223 |
| 60                        | 75.8 | 105,890   | 221 |
| 70                        | 73.1 | 85,410    | 218 |
| 80                        | 70.4 | 71,290    | 215 |
| 90                        | 67.6 | 60,330    | 211 |
| 100                       | 64.7 | 51,820    | 207 |
| 110                       | 61.8 | 45,020    | 202 |
| 120                       | 58.8 | 39,890    | 196 |
| 130                       | 55.7 | 35,240    | 189 |
| 140                       | 52.5 | 31,310    | 182 |
| 150                       | 49.1 | 27,940    | 174 |
| 160                       | 45.5 | 25,010    | 165 |
| 170                       | 41.7 | 22,470    | 154 |
| 180                       | 37.6 | 20,210    | 142 |
| 190                       | 33.0 | 18,210    | 128 |
| 200                       | 27.8 | 16,420    | 110 |
| 210                       | 21.5 | 14,810    | 88  |
| 220                       | 12.3 | 11,230 *  | 55  |

| 230' (70.1 m) Boom length |      |           |     |
|---------------------------|------|-----------|-----|
| 39                        | 81.8 | 132,640 * | 235 |
| 40                        | 81.6 | 132,510 * | 235 |
| 50                        | 79.0 | 132,510 * | 233 |
| 60                        | 76.5 | 105,630   | 231 |
| 70                        | 73.9 | 85,150    | 229 |
| 80                        | 71.3 | 71,050    | 225 |
| 90                        | 68.6 | 60,080    | 222 |
| 100                       | 65.9 | 51,570    | 218 |
| 110                       | 63.1 | 44,770    | 213 |
| 120                       | 60.3 | 39,670    | 207 |
| 130                       | 57.4 | 35,020    | 201 |
| 140                       | 54.4 | 31,090    | 195 |
| 150                       | 51.2 | 27,720    | 187 |
| 160                       | 47.9 | 24,800    | 178 |
| 170                       | 44.5 | 22,250    | 169 |
| 180                       | 40.7 | 20,000    | 158 |
| 190                       | 36.7 | 18,000    | 145 |
| 200                       | 32.3 | 16,200    | 131 |
| 210                       | 27.2 | 14,600    | 113 |
| 220                       | 21.0 | 13,150    | 90  |
| 230                       | 12.1 | 9,440 *   | 56  |

| 240' (73.2 m) Boom length |      |           |     |
|---------------------------|------|-----------|-----|
| 40                        | 81.9 | 119,340 * | 245 |
| 50                        | 79.5 | 119,340 * | 244 |
| 60                        | 77.1 | 105,180   | 242 |
| 70                        | 74.6 | 84,680    | 239 |
| 80                        | 72.1 | 70,590    | 236 |
| 90                        | 69.6 | 59,620    | 233 |
| 100                       | 67.0 | 51,100    | 229 |
| 110                       | 64.3 | 44,290    | 224 |
| 120                       | 61.7 | 39,210    | 219 |
| 130                       | 58.9 | 34,560    | 213 |
| 140                       | 56.1 | 30,620    | 207 |
| 150                       | 53.1 | 27,260    | 200 |
| 160                       | 50.0 | 24,340    | 192 |
| 170                       | 46.8 | 21,780    | 183 |
| 180                       | 43.5 | 19,520    | 173 |
| 190                       | 39.8 | 17,520    | 161 |
| 200                       | 35.9 | 15,730    | 148 |
| 210                       | 31.6 | 14,130    | 133 |
| 220                       | 26.6 | 12,680    | 115 |
| 230                       | 20.6 | 10,860 *  | 92  |
| 240                       | 11.8 | 7,380 *   | 57  |

| 250' (76.2 m) Boom length |                      |                            |                                |
|---------------------------|----------------------|----------------------------|--------------------------------|
| Radius (Feet)             | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
| 42                        | 81.8                 | 117,270 *                  | 255                            |
| 50                        | 79.9                 | 117,270 *                  | 254                            |
| 60                        | 77.6                 | 104,710                    | 252                            |
| 70                        | 75.2                 | 84,180                     | 249                            |
| 80                        | 72.8                 | 70,100                     | 247                            |
| 90                        | 70.4                 | 59,120                     | 243                            |
| 100                       | 67.9                 | 50,590                     | 239                            |
| 110                       | 65.4                 | 43,770                     | 235                            |
| 120                       | 62.9                 | 38,720                     | 230                            |
| 130                       | 60.3                 | 34,060                     | 225                            |
| 140                       | 57.6                 | 30,130                     | 219                            |
| 150                       | 54.8                 | 26,750                     | 212                            |
| 160                       | 52.0                 | 23,830                     | 205                            |
| 170                       | 49.0                 | 21,270                     | 196                            |
| 180                       | 45.8                 | 19,010                     | 187                            |
| 190                       | 42.5                 | 17,020                     | 177                            |
| 200                       | 39.0                 | 15,220                     | 165                            |
| 210                       | 35.2                 | 13,610                     | 152                            |
| 220                       | 30.9                 | 12,160                     | 136                            |
| 230                       | 26.1                 | 10,830                     | 117                            |
| 240                       | 20.1                 | 8,560 *                    | 94                             |
| 250                       | 11.5                 | 5,360 *                    | 58                             |

| 260' (79.2 m) Boom length |      |           |     |
|---------------------------|------|-----------|-----|
| 43                        | 81.9 | 107,130 * | 265 |
| 50                        | 80.3 | 107,130 * | 264 |
| 60                        | 78.1 | 104,250   | 262 |
| 70                        | 75.8 | 83,700    | 260 |
| 80                        | 73.5 | 69,630    | 257 |
| 90                        | 71.2 | 58,640    | 254 |
| 100                       | 68.8 | 50,110    | 250 |
| 110                       | 66.4 | 43,280    | 246 |
| 120                       | 64.0 | 38,240    | 241 |
| 130                       | 61.5 | 33,590    | 236 |
| 140                       | 59.0 | 29,650    | 230 |
| 150                       | 56.4 | 26,270    | 224 |
| 160                       | 53.7 | 23,350    | 217 |
| 170                       | 50.9 | 20,790    | 209 |
| 180                       | 48.0 | 18,530    | 201 |
| 190                       | 44.9 | 16,530    | 191 |
| 200                       | 41.7 | 14,740    | 180 |
| 210                       | 38.2 | 13,120    | 168 |
| 220                       | 34.5 | 11,670    | 155 |
| 230                       | 30.3 | 10,340    | 139 |

2

HC 275

9



## With 92HI Offset Tip Boom and 195,000 Pound Counterweight

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

### 270' (82.3 m) Boom length

| Radius (Feet) | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
|---------------|----------------------|----------------------------|--------------------------------|
| 44            | 82.0                 | 98,020 *                   | 275                            |
| 50            | 80.7                 | 98,020 *                   | 274                            |
| 60            | 78.5                 | 97,710 *                   | 272                            |
| 70            | 76.3                 | 83,220                     | 270                            |
| 80            | 74.1                 | 69,150                     | 267                            |
| 90            | 71.9                 | 58,160                     | 264                            |
| 100           | 69.7                 | 49,620                     | 261                            |
| 110           | 67.4                 | 42,790                     | 257                            |
| 120           | 65.1                 | 37,770                     | 252                            |
| 130           | 62.7                 | 33,110                     | 248                            |
| 140           | 60.3                 | 29,170                     | 242                            |
| 150           | 57.8                 | 25,790                     | 236                            |
| 160           | 55.2                 | 22,860                     | 229                            |
| 170           | 52.6                 | 20,300                     | 222                            |
| 180           | 49.8                 | 18,050                     | 214                            |
| 190           | 47.0                 | 16,040                     | 205                            |
| 200           | 44.0                 | 14,240                     | 195                            |
| 210           | 40.8                 | 12,630                     | 184                            |
| 220           | 37.5                 | 11,180                     | 172                            |
| 230           | 33.8                 | 9,850                      | 158                            |

### 290' (88.4 m) Boom length

| Radius (Feet) | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |
|---------------|----------------------|----------------------------|--------------------------------|
| 47            | 81.9                 | 76,270 *                   | 295                            |
| 50            | 81.3                 | 75,930 *                   | 294                            |
| 60            | 79.3                 | 75,260 *                   | 293                            |
| 70            | 77.3                 | 73,930 *                   | 291                            |
| 80            | 75.3                 | 68,390                     | 288                            |
| 90            | 73.2                 | 57,390                     | 285                            |
| 100           | 71.1                 | 48,840                     | 282                            |
| 110           | 69.0                 | 42,000                     | 278                            |
| 120           | 66.9                 | 37,040                     | 274                            |
| 130           | 64.7                 | 32,370                     | 270                            |
| 140           | 62.5                 | 28,420                     | 265                            |
| 150           | 60.2                 | 25,040                     | 259                            |
| 160           | 57.9                 | 22,120                     | 253                            |
| 170           | 55.6                 | 19,550                     | 247                            |
| 180           | 53.1                 | 17,290                     | 240                            |
| 190           | 50.6                 | 15,290                     | 232                            |
| 200           | 48.0                 | 13,490                     | 223                            |
| 210           | 45.3                 | 11,880                     | 214                            |
| 220           | 42.4                 | 10,410                     | 203                            |
| 230           | 39.3                 | 9,090                      | 191                            |

### 280' (85.3 m) Boom length

|     |      |          |     |
|-----|------|----------|-----|
| 46  | 81.8 | 84,470 * | 285 |
| 50  | 81.0 | 84,270 * | 284 |
| 60  | 78.9 | 83,540 * | 282 |
| 70  | 76.8 | 82,110 * | 280 |
| 80  | 74.7 | 68,850   | 278 |
| 90  | 72.6 | 57,860   | 275 |
| 100 | 70.4 | 49,310   | 271 |
| 110 | 68.2 | 42,480   | 268 |
| 120 | 66.0 | 37,490   | 263 |
| 130 | 63.7 | 32,830   | 259 |
| 140 | 61.4 | 28,900   | 254 |
| 150 | 59.1 | 25,510   | 248 |
| 160 | 56.6 | 22,580   | 242 |
| 170 | 54.1 | 20,030   | 235 |
| 180 | 51.6 | 17,770   | 227 |
| 190 | 48.9 | 15,760   | 219 |
| 200 | 46.1 | 13,970   | 209 |
| 210 | 43.2 | 12,350   | 199 |
| 220 | 40.1 | 10,900   | 188 |
| 230 | 36.7 | 9,580    | 175 |

### 300' (91.4 m) Boom length

|     |      |          |     |
|-----|------|----------|-----|
| 49  | 81.8 | 74,730 * | 305 |
| 50  | 81.6 | 74,730 * | 304 |
| 60  | 79.7 | 73,910 * | 303 |
| 70  | 77.7 | 72,390 * | 301 |
| 80  | 75.8 | 67,920   | 298 |
| 90  | 73.8 | 56,900   | 296 |
| 100 | 71.8 | 48,330   | 293 |
| 110 | 69.7 | 41,490   | 289 |
| 120 | 67.7 | 36,540   | 285 |
| 130 | 65.6 | 31,870   | 281 |
| 140 | 63.5 | 27,920   | 276 |
| 150 | 61.3 | 24,540   | 271 |
| 160 | 59.1 | 21,610   | 265 |
| 170 | 56.9 | 19,040   | 259 |
| 180 | 54.5 | 16,780   | 252 |
| 190 | 52.2 | 14,780   | 245 |
| 200 | 49.7 | 12,980   | 236 |
| 210 | 47.1 | 11,360   | 227 |
| 220 | 44.4 | 9,900    | 218 |
| 230 | 41.6 | 8,570    | 207 |



## Notes to lifting capacity

### Warning

This rating chart is invalid if the crane has been modified or altered by use of other than GENUINE AMERICAN PARTS as such modifications or alterations may affect its capacity or safe operation. See American Crane Corporation Service Bulletin #259.

Ratings in this chart are in POUNDS and do not exceed the percentage of tipping specified for this crane by ANSI B30.5. All ratings require that the crane be standing level on a firm uniformly supporting surface.

Do not lift loads in excess of those shown on this chart. Lifting loads in excess of those shown or operation not in accordance with good operating practice, including limitations shown on page 3499 of Operator's Manual, can cause tipping, structural damage or catastrophic failure. Asterisk (\*) areas on this chart indicate ratings that are limited by strength of material or factors other than stability (tipping).

„RADIUS IN FEET“ is the horizontal distance at ground level from the crane centerline of rotation to a vertical line through the center of gravity of the suspended load.

When using the main boom fall with jib in place, the main fall ratings must be reduced by the jib effective weight shown on the jib rating chart plus twice the weight of all suspended blocks, slings, rope, etc., at the jib fall. See Appendix A.

When using the main boom fall with boom tip extension in place, the main fall ratings must be reduced by the weight of the boom tip extension plus twice the weight of all suspended blocks, slings, rope, etc., at the boom tip extension fall. See Appendix A.

Blocks, slings, buckets and other load carrying devices are considered part of the load. The weight of standard hoisting ropes for the rating at a given radius has been calculated as part of the boom point load and need not be considered in determining net allowable loads. See Appendix A.

This chart was developed exclusively for use with a boom only. Under no circumstances are these ratings to be interpreted for use with a jib. Ratings shown on this chart make no allowance for such factors as out of plumb loads, wind, poor soil conditions, improper inflation of rubber tires and dynamic effects due to excessive operating speeds. The user (operator) must exercise judgment to make allowance for these conditions. See page 3499 of Operator's Manual for detailed information.

No account is taken of the wind force on the load. The user must consider this effect, which can be substantial for loads with large surface areas. In any wind it is strongly recommended that taglines be used to control the load.

BOOM HOIST LINE is 18 parts of 7/8 inch diameter 6 x 26, WS, FW, RAL, IWRC, EIPS wire rope with a minimum breaking strength of 79,600 pounds.

BOOM PENDANT SUSPENSION is 4 parts of 1-3/8 inch diameter EEIPS wire rope with a minimum breaking strength of 211,000 pounds.

MAIN LOAD LINE is 1-1/8 inch diameter 6 x 25, FW, RRL, IWRC, EEIPS wire rope with a minimum breaking strength of 143,000 pounds.

### ERECTION

Erection „BLOCKED OVER THE END“ is with the boom over the idler end with idler tumblers blocked (See operator's manual for blocking instructions). Erection „OVER THE SIDE“ is with the boom 90° to the side frames. Blocks, slings and other load carrying devices must be on the ground during erection.

| 92HI OFFSET TIP BOOM<br>MAXIMUM BOOM & JIB SELF-ERECTION DATA |                    |                 |                |                |
|---|--------------------|-----------------|----------------|----------------|
|   | BOOM LENGTH (FEET) | JIB LENGTH      |                |                |
|   |                    | 16HL JIB (FEET) | #30 JIB (FEET) | #40 JIB (FEET) |
| BLOCKED OVER THE END  | 300                | 50              | 0              | 0              |
|   | 290                | 100             | 0              | 45             |
|   | 280                |                 | 65             | 75             |
|   | 270                |                 | 95             | 105            |
| OVER THE SIDE   | 280                | 0               | 0              | 0              |
|   | 270                | 70              | 0              | 0              |
|   | 260                | 100             | 35             | 45             |
|   | 250                |                 | 65             | 75             |
|   | 240                |                 | 95             | 105            |

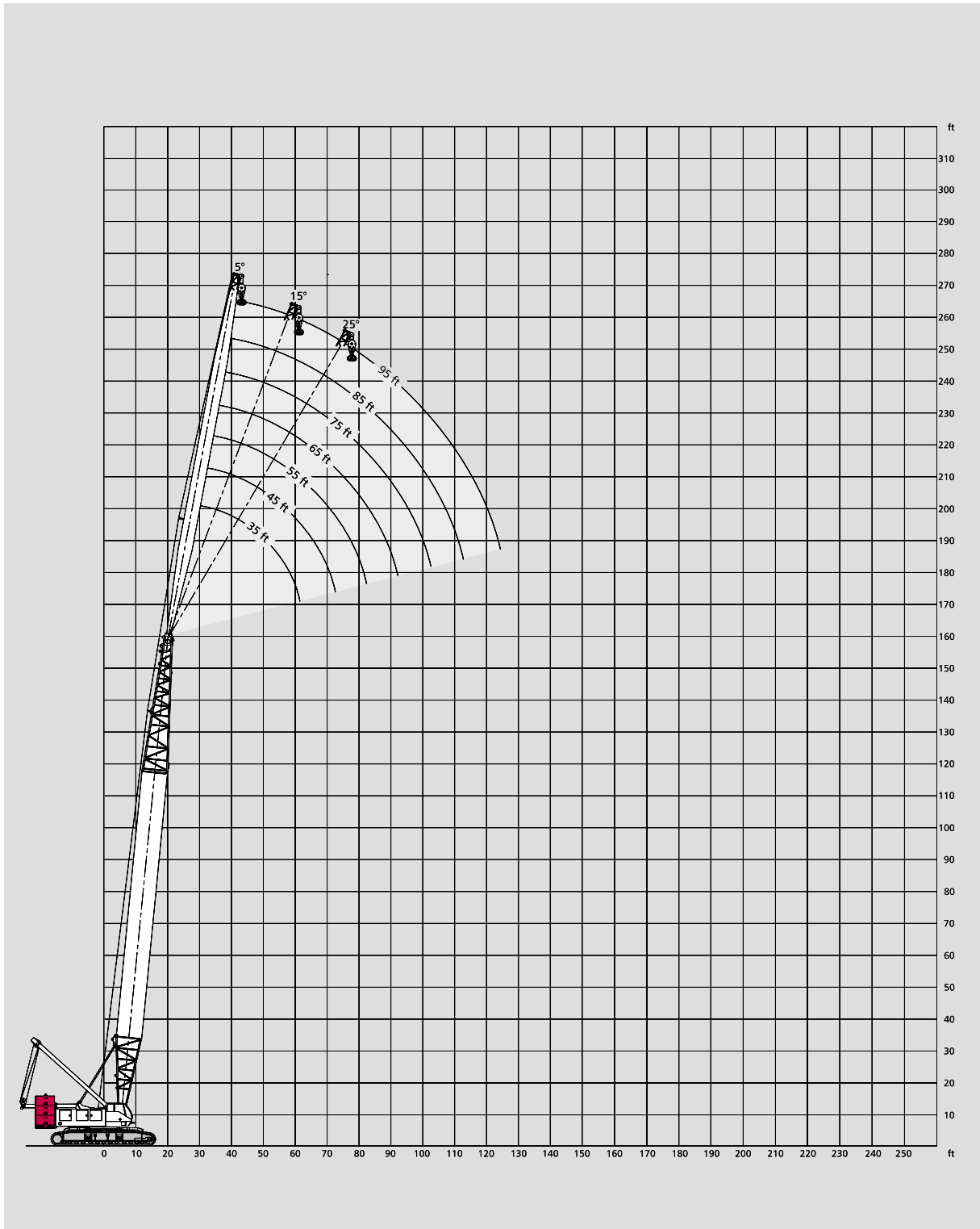
| LOAD HOISTING INFORMATION - 1-1/8 inch diameter EEIPS wire rope |                       |                                  |           |
|---|-----------------------|----------------------------------|-----------|
| MAXIMUM LIFTING CAPACITY - LBS.                                 | MINIMUM PARTS OF LINE | MAXIMUM HOISTING DISTANCE - FEET |           |
|   |                       | MAIN HOIST                       | AUX HOIST |
| 550,000 <sup>1</sup>  | 14                    | 90                               | 90        |
| 490,280   | 12                    | 105                              | 105       |
| 449,420   | 11                    | 110                              | 110       |
| 408,570   | 10                    | 130                              | 130       |
| 367,710   | 9                     | 145                              | 145       |
| 326,850   | 8                     | 160                              | 160       |
| 286,000   | 7                     | 185                              | 185       |
| 245,140   | 6                     | 215                              | 215       |
| 204,280   | 5                     | 260                              | 260       |
| 163,420   | 4                     | 325                              | 325       |
| 122,570   | 3                     | 435                              | 435       |
| 81,710  | 2                     | 655                              | 655       |
| 40,850  | 1                     | 1,310                            | 1,310     |

<sup>1</sup> Lifting any load with 14 parts of main fall load line requires the use of the single sheave crossover hanger block.  
 Refer to the HC 275 Operator's Manual for detailed information

| BOOM COMPOSITION CHART - 92HI OFFSET TIP |                |                 |                 |                 |                 |               |
|--|----------------|-----------------|-----------------|-----------------|-----------------|---------------|
| BOOM LENGTH (FEET)                       | BOOM SECTIONS  |                 |                 |                 |                 |               |
|  | 25' 92HI INNER | 15' 92HT CENTER | 20' 92HT CENTER | 10' 92ST CENTER | 50' 92ST CENTER | 40' 92H OUTER |
| 65 <sup>1</sup>                          | 1              | 0               | 0               | 0               | 0               | 1             |
| 80                                       | 1              | 1               | 0               | 0               | 0               | 1             |
| 90                                       | 1              | 1               | 0               | 1               | 0               | 1             |
| 100                                      | 1              | 1               | 1               | 0               | 0               | 1             |
| 110                                      | 1              | 1               | 1               | 1               | 0               | 1             |
| 120                                      | 1              | 1               | 1               | 2               | 0               | 1             |
| 130                                      | 1              | 1               | 0               | 0               | 1               | 1             |
| 140                                      | 1              | 1               | 0               | 1               | 1               | 1             |
| 150                                      | 1              | 1               | 1               | 0               | 1               | 1             |
| 160                                      | 1              | 1               | 1               | 1               | 1               | 1             |
| 170                                      | 1              | 1               | 1               | 2               | 1               | 1             |
| 180                                      | 1              | 1               | 0               | 0               | 2               | 1             |
| 190                                      | 1              | 1               | 0               | 1               | 2               | 1             |
| 200                                      | 1              | 1               | 1               | 0               | 2               | 1             |
| 210                                      | 1              | 1               | 1               | 1               | 2               | 1             |
| 220                                      | 1              | 1               | 1               | 2               | 2               | 1             |
| 230                                      | 1              | 1               | 0               | 0               | 3               | 1             |
| 240                                      | 1              | 1               | 0               | 1               | 3               | 1             |
| 250                                      | 1              | 1               | 1               | 0               | 3               | 1             |
| 260                                      | 1              | 1               | 1               | 1               | 3               | 1             |
| 270                                      | 1              | 1               | 1               | 2               | 3               | 1             |
| 280                                      | 1              | 1               | 0               | 0               | 4               | 1             |
| 290                                      | 1              | 1               | 0               | 1               | 4               | 1             |
| 300                                      | 1              | 1               | 1               | 0               | 4               | 1             |



## Range Diagram, #30 Jib



## With 92HI Offset Tip Boom and 195,000 Pound Counterweight, #30 Jib

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

### 35' (10.7 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
| 90' (27.4 m)  | 27                | 81.6           | 60,000*         | -               | -               | -               | -               |
|               | 30                | 80.2           | 60,000*         | -               | -               | -               | -               |
|               | 35                | 77.9           | 60,000*         | 80.6            | 60,000*         | -               | -               |
|               | 40                | 75.6           | 60,000*         | 78.2            | 60,000*         | 80.7            | 60,000*         |
|               | 50                | 70.9           | 60,000*         | 73.5            | 60,000*         | 75.9            | 54,780*         |
|               | 60                | 65.9           | 60,000*         | 68.5            | 60,000*         | 70.9            | 48,790*         |
|               | 70                | 60.8           | 60,000*         | 63.4            | 57,480*         | 65.6            | 44,090*         |
|               | 80                | 55.4           | 60,000*         | 57.9            | 51,220*         | 60.1            | 40,500*         |
|               | 90                | 49.6           | 54,310*         | 52.1            | 46,420*         | 54.1            | 40,500*         |
|               | 100               | 47.6           | 52,440*         | 49.8            | 45,540*         | 51.7            | 40,470*         |
| 100' (30.5 m) | 28                | 81.8           | 60,000*         | -               | -               | -               | -               |
|               | 30                | 81.0           | 60,000*         | -               | -               | -               | -               |
|               | 35                | 78.8           | 60,000*         | 81.3            | 60,000*         | -               | -               |
|               | 40                | 76.7           | 60,000*         | 79.1            | 60,000*         | 81.4            | 60,000*         |
|               | 50                | 72.3           | 60,000*         | 74.7            | 60,000*         | 77.0            | 57,490*         |
|               | 60                | 67.8           | 60,000*         | 70.2            | 60,000*         | 72.4            | 51,390*         |
|               | 70                | 63.2           | 60,000*         | 65.5            | 60,000*         | 67.7            | 46,570*         |
|               | 80                | 58.3           | 60,000*         | 60.6            | 55,050*         | 62.7            | 42,660*         |
|               | 90                | 53.2           | 57,900*         | 55.4            | 49,710*         | 57.4            | 40,590*         |
|               | 100               | 47.6           | 52,440*         | 49.8            | 45,540*         | 51.7            | 40,470*         |
| 110' (33.5 m) | 29                | 82.0           | 60,000*         | -               | -               | -               | -               |
|               | 30                | 81.6           | 60,000*         | -               | -               | -               | -               |
|               | 35                | 79.6           | 60,000*         | 81.9            | 60,000*         | -               | -               |
|               | 40                | 77.6           | 60,000*         | 79.9            | 60,000*         | -               | -               |
|               | 50                | 73.6           | 60,000*         | 75.8            | 60,000*         | 77.9            | 59,740*         |
|               | 60                | 69.4           | 60,000*         | 71.7            | 60,000*         | 73.7            | 53,610*         |
|               | 70                | 65.1           | 60,000*         | 67.4            | 60,000*         | 69.4            | 48,670*         |
|               | 80                | 60.7           | 60,000*         | 62.9            | 57,340*         | 64.8            | 44,800*         |
|               | 90                | 56.1           | 60,000*         | 58.2            | 52,700*         | 60.1            | 41,640*         |
|               | 100               | 51.2           | 55,730*         | 53.3            | 48,500*         | 55.0            | 40,580*         |
| 110           | 45.8              | 50,180         | 47.9            | 44,930*         | 49.5            | 40,570*         |                 |
| 120' (36.6 m) | 31                | 81.7           | 60,000*         | -               | -               | -               | -               |
|               | 35                | 80.3           | 60,000*         | -               | -               | -               | -               |
|               | 40                | 78.4           | 60,000*         | 80.5            | 60,000*         | -               | -               |
|               | 50                | 74.6           | 60,000*         | 76.8            | 60,000*         | 78.7            | 59,980*         |
|               | 60                | 70.8           | 60,000*         | 72.9            | 60,000*         | 74.8            | 55,680*         |
|               | 70                | 66.8           | 60,000*         | 68.9            | 60,000*         | 70.8            | 50,810*         |
|               | 80                | 62.8           | 60,000*         | 64.8            | 59,790*         | 66.7            | 46,830*         |
|               | 90                | 58.5           | 60,000*         | 60.6            | 54,840*         | 62.3            | 43,490*         |
|               | 100               | 54.1           | 56,360          | 56.1            | 50,840*         | 57.8            | 40,660*         |
|               | 110               | 49.3           | 49,620          | 51.3            | 47,470*         | 52.9            | 40,440*         |
| 120           | 44.2              | 44,120         | 46.1            | 44,120          | 47.6            | 40,440*         |                 |
| 130' (39.6 m) | 32                | 81.9           | 60,000*         | -               | -               | -               | -               |
|               | 35                | 80.9           | 60,000*         | -               | -               | -               | -               |
|               | 40                | 79.1           | 60,000*         | 81.1            | 60,000*         | -               | -               |
|               | 50                | 75.6           | 60,000*         | 77.6            | 60,000*         | 79.4            | 59,930*         |
|               | 60                | 72.0           | 60,000*         | 74.0            | 60,000*         | 75.8            | 57,570*         |
|               | 70                | 68.3           | 60,000*         | 70.3            | 60,000*         | 72.1            | 52,530*         |
|               | 80                | 64.5           | 60,000*         | 66.5            | 60,000*         | 68.2            | 48,500*         |
|               | 90                | 60.6           | 60,000*         | 62.5            | 56,870*         | 64.2            | 45,100*         |
|               | 100               | 56.6           | 56,170          | 58.4            | 52,750*         | 60.1            | 42,420*         |
|               | 110               | 52.3           | 49,430          | 54.1            | 49,430*         | 55.7            | 40,540*         |
| 120           | 47.7              | 43,920         | 49.5            | 43,920          | 51.0            | 40,510*         |                 |
| 130           | 42.8              | 39,590         | 44.5            | 39,590          | 45.9            | 39,600          |                 |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |         |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |         |
| 140' (42.7 m) | 34                | 81.7           | 60,000*         | -               | -               | -               | -               |         |
|               | 35                | 81.4           | 60,000*         | -               | -               | -               | -               |         |
|               | 40                | 79.7           | 60,000*         | 81.6            | 60,000*         | -               | -               |         |
|               | 50                | 76.4           | 60,000*         | 78.3            | 60,000*         | 80.1            | 59,880*         |         |
|               | 60                | 73.0           | 60,000*         | 74.9            | 60,000*         | 76.6            | 59,120*         |         |
|               | 70                | 69.6           | 60,000*         | 71.5            | 60,000*         | 73.2            | 54,310*         |         |
|               | 80                | 66.1           | 60,000*         | 67.9            | 60,000*         | 69.6            | 50,140*         |         |
|               | 90                | 62.5           | 60,000*         | 64.3            | 58,990*         | 65.9            | 46,770*         |         |
|               | 100               | 58.7           | 55,630          | 60.5            | 54,650*         | 62.1            | 43,920*         |         |
|               | 110               | 54.8           | 48,890          | 56.5            | 48,890          | 58.0            | 41,540*         |         |
| 150' (45.7 m) | 120               | 50.6           | 43,380          | 52.4            | 43,380          | 53.8            | 40,500*         |         |
|               | 130               | 46.2           | 39,080          | 47.9            | 39,080          | 49.3            | 39,090          |         |
|               | 140               | 41.5           | 35,180          | 43.1            | 35,190          | 44.4            | 35,190          |         |
|               | 160' (48.8 m)     | 35             | 81.8            | 60,000*         | -               | -               | -               | -       |
|               |                   | 40             | 80.3            | 60,000*         | -               | -               | -               | -       |
|               |                   | 50             | 77.2            | 60,000*         | 78.9            | 60,000*         | 80.6            | 59,830* |
|               |                   | 60             | 74.0            | 60,000*         | 75.8            | 60,000*         | 77.4            | 59,830* |
|               |                   | 70             | 70.7            | 60,000*         | 72.5            | 60,000*         | 74.1            | 55,810* |
|               |                   | 80             | 67.4            | 60,000*         | 69.2            | 60,000*         | 70.8            | 51,710* |
|               |                   | 90             | 64.1            | 60,000*         | 65.8            | 60,000*         | 67.3            | 48,280* |
| 100           |                   | 60.6           | 55,040          | 62.3            | 55,050          | 63.8            | 45,280*         |         |
| 110           |                   | 56.9           | 48,290          | 58.6            | 48,300          | 60.1            | 42,810*         |         |
| 120           |                   | 53.2           | 42,780          | 54.8            | 42,780          | 56.2            | 40,680*         |         |
| 170' (51.8 m) | 130               | 49.2           | 38,500          | 50.8            | 38,510          | 52.1            | 38,510          |         |
|               | 140               | 44.9           | 34,610          | 46.5            | 34,610          | 47.7            | 34,620          |         |
|               | 150               | 40.3           | 31,270          | 41.8            | 31,280          | 43.0            | 31,280          |         |
|               | 180' (54.9 m)     | 36             | 82.0            | 60,000*         | -               | -               | -               | -       |
|               |                   | 40             | 80.8            | 60,000*         | -               | -               | -               | -       |
|               |                   | 50             | 77.8            | 60,000*         | 79.5            | 60,000*         | 81.1            | 59,790* |
|               |                   | 60             | 74.8            | 60,000*         | 76.5            | 60,000*         | 78.1            | 59,790* |
|               |                   | 70             | 71.8            | 60,000*         | 73.4            | 60,000*         | 75.0            | 57,170* |
|               |                   | 80             | 68.7            | 60,000*         | 70.3            | 60,000*         | 71.8            | 53,180* |
|               |                   | 90             | 65.5            | 60,000*         | 67.1            | 60,000*         | 68.6            | 49,740* |
| 100           |                   | 62.2           | 54,500          | 63.8            | 54,500          | 65.3            | 46,770*         |         |
| 110           |                   | 58.8           | 47,750          | 60.4            | 47,750          | 61.8            | 44,080*         |         |
| 120           |                   | 55.3           | 42,230          | 56.9            | 42,230          | 58.3            | 42,020*         |         |
| 190' (57.9 m) | 130               | 51.7           | 37,980          | 53.2            | 37,990          | 54.5            | 37,990          |         |
|               | 140               | 47.8           | 34,080          | 49.3            | 34,090          | 50.6            | 34,090          |         |
|               | 150               | 43.7           | 30,740          | 45.1            | 30,740          | 46.3            | 30,750          |         |
|               | 160               | 39.2           | 27,850          | 40.6            | 27,850          | 41.7            | 27,860          |         |
|               | 200' (61.0 m)     | 38             | 81.8            | 60,000*         | -               | -               | -               | -       |
|               |                   | 40             | 81.2            | 60,000*         | -               | -               | -               | -       |
|               |                   | 50             | 78.4            | 60,000*         | 80.0            | 60,000*         | 81.6            | 59,740* |
|               |                   | 60             | 75.6            | 60,000*         | 77.2            | 60,000*         | 78.7            | 59,740* |
|               |                   | 70             | 72.7            | 60,000*         | 74.3            | 60,000*         | 75.7            | 58,720* |
|               |                   | 80             | 69.7            | 60,000*         | 71.3            | 60,000*         | 72.8            | 54,390* |
| 90            |                   | 66.7           | 60,000*         | 68.3            | 60,000*         | 69.7            | 50,960*         |         |
| 100           |                   | 63.7           | 53,950          | 65.2            | 53,960          | 66.6            | 48,100*         |         |
| 110           |                   | 60.5           | 47,190          | 62.0            | 47,200          | 63.4            | 45,420*         |         |
| 120           |                   | 57.2           | 41,670          | 58.8            | 41,670          | 60.1            | 41,680          |         |
| 210' (64.0 m) | 130               | 53.8           | 37,450          | 55.3            | 37,460          | 56.6            | 37,460          |         |
|               | 140               | 50.3           | 33,540          | 51.8            | 33,550          | 53.0            | 33,550          |         |
|               | 150               | 46.5           | 30,200          | 48.0            | 30,210          | 49.1            | 30,210          |         |
|               | 160               | 42.5           | 27,310          | 43.9            | 27,310          | 45.0            | 27,320          |         |
|               | 170               | 38.2           | 24,780          | 39.5            | 24,780          | 40.5            | 24,790          |         |

3

HC 275

13

## With 92HI Offset Tip Boom and 195,000 Pound Counterweight, #30 Jib

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

35' (10.7 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 | Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 39                | 81.9           | 60,000*         | -               | -               | -               | -               |               | 43                | 82.0           | 60,000*         | -               | -               | -               | -               |
|               | 40                | 81.6           | 60,000*         | -               | -               | -               | -               |               | 50                | 80.3           | 60,000*         | 81.7            | 60,000*         | -               | -               |
|               | 50                | 79.0           | 60,000*         | 80.5            | 60,000*         | 82.0            | 59,690*         |               | 60                | 78.0           | 60,000*         | 79.3            | 60,000*         | 80.6            | 59,560*         |
|               | 60                | 76.2           | 60,000*         | 77.8            | 60,000*         | 79.2            | 59,690*         |               | 70                | 75.6           | 60,000*         | 76.9            | 60,000*         | 78.2            | 59,560*         |
|               | 70                | 73.5           | 60,000*         | 75.0            | 60,000*         | 76.4            | 59,690*         |               | 80                | 73.1           | 60,000*         | 74.5            | 60,000*         | 75.7            | 59,040*         |
|               | 80                | 70.7           | 60,000*         | 72.2            | 60,000*         | 73.6            | 55,740*         |               | 90                | 70.7           | 60,000*         | 72.0            | 60,000*         | 73.2            | 55,630*         |
| 180' (54.9 m) | 90                | 67.9           | 60,000*         | 69.4            | 60,000*         | 70.7            | 52,200*         |               | 100               | 68.2           | 52,040          | 69.5            | 52,040          | 70.7            | 52,050          |
|               | 100               | 65.0           | 53,670          | 66.5            | 53,680          | 67.8            | 49,170*         |               | 110               | 65.7           | 45,270          | 67.0            | 45,270          | 68.1            | 45,280          |
|               | 110               | 62.0           | 46,910          | 63.5            | 46,910          | 64.8            | 46,550*         | 210' (64.0 m) | 120               | 63.1           | 40,240          | 64.4            | 40,240          | 65.5            | 40,250          |
|               | 120               | 58.9           | 41,380          | 60.4            | 41,390          | 61.7            | 41,400          |               | 130               | 60.4           | 35,620          | 61.7            | 35,620          | 62.8            | 35,630          |
|               | 130               | 55.8           | 37,200          | 57.2            | 37,200          | 58.4            | 37,200          | 140           | 57.7              | 31,710         | 59.0            | 31,710          | 60.1            | 31,710          |                 |
|               | 140               | 52.5           | 33,290          | 53.9            | 33,300          | 55.1            | 33,300          | 150           | 54.9              | 28,360         | 56.1            | 28,360          | 57.2            | 28,370          |                 |
|               | 150               | 49.0           | 29,950          | 50.4            | 29,960          | 51.5            | 29,960          | 160           | 52.0              | 25,460         | 53.2            | 25,460          | 54.2            | 25,470          |                 |
|               | 160               | 45.4           | 27,050          | 46.7            | 27,060          | 47.8            | 27,060          | 170           | 48.9              | 22,920         | 50.1            | 22,920          | 51.1            | 22,930          |                 |
|               | 170               | 41.5           | 24,520          | 42.8            | 24,520          | 43.8            | 24,530          | 180           | 45.7              | 20,680         | 46.9            | 20,690          | 47.9            | 20,690          |                 |
|               | 180               | 37.2           | 22,290          | 38.5            | 22,290          | 39.4            | 22,300          | 190           | 42.3              | 18,700         | 43.5            | 18,700          | 44.4            | 18,710          |                 |
|               |                   |                |                 |                 |                 |                 |                 | 200           | 38.7              | 16,920         | 39.8            | 16,920          | 40.7            | 16,930          |                 |
|               |                   |                |                 |                 |                 |                 |                 | 210           | 34.8              | 15,330         | 35.8            | 15,330          | 36.6            | 15,340          |                 |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 41  | 81.8 | 60,000* | -    | -       | -    | -       |
|               | 50  | 79.5 | 60,000* | 80.9 | 60,000* | -    | -       |
|               | 60  | 76.9 | 60,000* | 78.3 | 60,000* | 79.7 | 59,650* |
|               | 70  | 74.3 | 60,000* | 75.7 | 60,000* | 77.1 | 59,650* |
|               | 80  | 71.6 | 60,000* | 73.0 | 60,000* | 74.4 | 56,860* |
|               | 90  | 68.9 | 60,000* | 70.3 | 60,000* | 71.6 | 53,380* |
| 190' (57.9 m) | 100 | 66.2 | 53,140  | 67.6 | 53,140  | 68.9 | 50,340* |
|               | 110 | 63.3 | 46,380  | 64.8 | 46,390  | 66.0 | 46,400  |
|               | 120 | 60.5 | 40,850  | 61.9 | 40,850  | 63.1 | 40,860  |
|               | 130 | 57.5 | 36,690  | 58.9 | 36,690  | 60.1 | 36,690  |
|               | 140 | 54.4 | 32,780  | 55.8 | 32,790  | 56.9 | 32,790  |
|               | 150 | 51.2 | 29,440  | 52.5 | 29,440  | 53.7 | 29,450  |
|               | 160 | 47.8 | 26,540  | 49.2 | 26,540  | 50.2 | 26,550  |
|               | 170 | 44.3 | 24,010  | 45.6 | 24,010  | 46.6 | 24,010  |
|               | 180 | 40.5 | 21,770  | 41.7 | 21,780  | 42.7 | 21,780  |
|               | 190 | 36.3 | 19,790  | 37.5 | 19,800  | 38.4 | 19,800  |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 42  | 81.9 | 60,000* | -    | -       | -    | -       |
|               | 50  | 79.9 | 60,000* | 81.3 | 60,000* | -    | -       |
|               | 60  | 77.4 | 60,000* | 78.8 | 60,000* | 80.2 | 59,610* |
|               | 70  | 74.9 | 60,000* | 76.3 | 60,000* | 77.6 | 59,610* |
|               | 80  | 72.4 | 60,000* | 73.8 | 60,000* | 75.1 | 58,090* |
|               | 90  | 69.8 | 60,000* | 71.2 | 60,000* | 72.5 | 54,450* |
|               | 100 | 67.2 | 52,580  | 68.6 | 52,580  | 69.8 | 51,420* |
|               | 110 | 64.6 | 45,810  | 65.9 | 45,820  | 67.1 | 45,820  |
| 200' (61.0 m) | 120 | 61.8 | 40,280  | 63.2 | 40,280  | 64.4 | 40,290  |
|               | 130 | 59.0 | 36,140  | 60.4 | 36,140  | 61.5 | 36,150  |
|               | 140 | 56.1 | 32,230  | 57.5 | 32,240  | 58.6 | 32,240  |
|               | 150 | 53.1 | 28,880  | 54.4 | 28,880  | 55.5 | 28,890  |
|               | 160 | 50.0 | 25,980  | 51.3 | 25,980  | 52.3 | 25,990  |
|               | 170 | 46.8 | 23,440  | 48.0 | 23,450  | 49.0 | 23,450  |
|               | 180 | 43.3 | 21,210  | 44.5 | 21,210  | 45.4 | 21,220  |
|               | 190 | 39.6 | 19,220  | 40.8 | 19,230  | 41.6 | 19,230  |
|               | 200 | 35.5 | 17,460  | 36.7 | 17,460  | 37.4 | 17,470  |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 45  | 81.8 | 60,000* | -    | -       | -    | -       |
|               | 50  | 80.7 | 60,000* | -    | -       | -    | -       |
|               | 60  | 78.4 | 60,000* | 79.7 | 60,000* | 80.9 | 59,510* |
|               | 70  | 76.1 | 60,000* | 77.4 | 60,000* | 78.6 | 59,510* |
|               | 80  | 73.8 | 60,000* | 75.1 | 60,000* | 76.3 | 59,510* |
|               | 90  | 71.5 | 59,980  | 72.8 | 59,980  | 73.9 | 56,550* |
|               | 100 | 69.1 | 51,510  | 70.4 | 51,510  | 71.5 | 51,520  |
|               | 110 | 66.7 | 44,730  | 67.9 | 44,730  | 69.1 | 44,740  |
| 220' (67.1 m) | 120 | 64.2 | 39,720  | 65.5 | 39,720  | 66.6 | 39,730  |
|               | 130 | 61.7 | 35,090  | 62.9 | 35,100  | 64.0 | 35,100  |
|               | 140 | 59.1 | 31,180  | 60.3 | 31,180  | 61.4 | 31,190  |
|               | 150 | 56.5 | 27,830  | 57.7 | 27,840  | 58.7 | 27,840  |
|               | 160 | 53.7 | 24,930  | 54.9 | 24,930  | 55.9 | 24,940  |
|               | 170 | 50.9 | 22,390  | 52.0 | 22,390  | 53.0 | 22,400  |
|               | 180 | 47.9 | 20,150  | 49.0 | 20,150  | 50.0 | 20,160  |
|               | 190 | 44.8 | 18,160  | 45.9 | 18,170  | 46.8 | 18,170  |
|               | 200 | 41.5 | 16,390  | 42.6 | 16,390  | 43.4 | 16,400  |
|               | 210 | 37.9 | 14,790  | 39.0 | 14,790  | 39.7 | 14,800  |
|               | 220 | 34.0 | 13,350  | 35.1 | 13,350  | 35.7 | 13,360  |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 46  | 81.9 | 60,000* | -    | -       | -    | -       |
|               | 50  | 81.1 | 60,000* | -    | -       | -    | -       |
|               | 60  | 78.9 | 60,000* | 80.1 | 60,000* | 81.3 | 59,460* |
|               | 70  | 76.7 | 60,000* | 77.9 | 60,000* | 79.1 | 59,460* |
|               | 80  | 74.4 | 60,000* | 75.7 | 60,000* | 76.8 | 59,460* |
|               | 90  | 72.2 | 59,650  | 73.4 | 59,660  | 74.6 | 57,630* |
|               | 100 | 69.9 | 51,170  | 71.1 | 51,170  | 72.2 | 51,180  |
|               | 110 | 67.6 | 44,400  | 68.8 | 44,400  | 69.9 | 44,410  |
| 230' (70.1 m) | 120 | 65.3 | 39,410  | 66.5 | 39,410  | 67.5 | 39,410  |
|               | 130 | 62.9 | 34,790  | 64.0 | 34,790  | 65.1 | 34,800  |
|               | 140 | 60.4 | 30,870  | 61.6 | 30,870  | 62.6 | 30,880  |
|               | 150 | 57.9 | 27,530  | 59.0 | 27,530  | 60.0 | 27,530  |
|               | 160 | 55.3 | 24,620  | 56.4 | 24,620  | 57.4 | 24,630  |
|               | 170 | 52.6 | 22,080  | 53.7 | 22,080  | 54.7 | 22,090  |
|               | 180 | 49.8 | 19,850  | 50.9 | 19,850  | 51.9 | 19,860  |
|               | 190 | 46.9 | 17,860  | 48.0 | 17,860  | 48.9 | 17,870  |
|               | 200 | 43.9 | 16,080  | 44.9 | 16,090  | 45.8 | 16,090  |
|               | 210 | 40.6 | 14,480  | 41.7 | 14,480  | 42.5 | 14,490  |
|               | 220 | 37.1 | 13,040  | 38.2 | 13,040  | 38.9 | 13,050  |
|               | 230 | 33.4 | 11,730  | 34.3 | 11,740  | 35.0 | 11,750  |



195 klb + 64 klb CB

360°

ANSI B 30.5  
 DIN/ISO

35' (10.7 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 48                | 81.8           | 60,000*         | -               | -               | -               | -               |
|               | 50                | 81.4           | 60,000*         | -               | -               | -               | -               |
|               | 60                | 79.3           | 60,000*         | 80.5            | 60,000*         | 81.6            | 59,410*         |
|               | 70                | 77.2           | 60,000*         | 78.4            | 60,000*         | 79.5            | 59,410*         |
|               | 80                | 75.0           | 60,000*         | 76.2            | 60,000*         | 77.3            | 59,410*         |
|               | 90                | 72.9           | 59,140          | 74.0            | 59,150          | 75.1            | 58,430*         |
|               | 100               | 70.7           | 50,650          | 71.9            | 50,650          | 72.9            | 50,660          |
|               | 110               | 68.5           | 43,870          | 69.6            | 43,870          | 70.7            | 43,880          |
|               | 120               | 66.2           | 38,910          | 67.4            | 38,910          | 68.4            | 38,920          |
|               | 130               | 63.9           | 34,280          | 65.1            | 34,280          | 66.1            | 34,290          |
| 240' (73.2 m) | 140               | 61.6           | 30,360          | 62.7            | 30,370          | 63.7            | 30,370          |
|               | 150               | 59.2           | 27,020          | 60.3            | 27,020          | 61.3            | 27,030          |
|               | 160               | 56.7           | 24,110          | 57.8            | 24,120          | 58.8            | 24,120          |
|               | 170               | 54.2           | 21,570          | 55.3            | 21,570          | 56.2            | 21,580          |
|               | 180               | 51.6           | 19,330          | 52.7            | 19,330          | 53.6            | 19,340          |
|               | 190               | 48.8           | 17,340          | 49.9            | 17,340          | 50.8            | 17,350          |
|               | 200               | 46.0           | 15,560          | 47.1            | 15,560          | 47.9            | 15,570          |
|               | 210               | 43.0           | 13,960          | 44.1            | 13,970          | 44.8            | 13,970          |
|               | 220               | 39.8           | 12,520          | 40.9            | 12,520          | 41.6            | 12,530          |
|               | 230               | 36.4           | 11,210          | 37.4            | 11,220          | 38.1            | 11,220          |
| 240           | 32.7              | 10,020         | 33.7            | 10,020          | 34.3            | 10,030          |                 |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 50                | 82.0           | 60,000*         | -               | -               | -               | -               |
|               | 60                | 80.0           | 60,000*         | 81.1            | 60,000*         | -               | -               |
|               | 70                | 78.0           | 60,000*         | 79.2            | 60,000*         | 80.2            | 55,290*         |
|               | 80                | 76.1           | 60,000*         | 77.2            | 59,240*         | 78.2            | 53,860*         |
|               | 90                | 74.1           | 58,070          | 75.2            | 56,620*         | 76.2            | 52,050*         |
|               | 100               | 72.0           | 49,580          | 73.1            | 49,580          | 74.1            | 49,590          |
|               | 110               | 70.0           | 42,780          | 71.1            | 42,790          | 72.1            | 42,800          |
|               | 120               | 67.9           | 37,870          | 69.0            | 37,870          | 70.0            | 37,880          |
|               | 130               | 65.8           | 33,230          | 66.9            | 33,230          | 67.8            | 33,240          |
|               | 140               | 63.7           | 29,310          | 64.7            | 29,310          | 65.7            | 29,320          |
| 260' (79.2 m) | 150               | 61.5           | 25,950          | 62.5            | 25,960          | 63.5            | 25,960          |
|               | 160               | 59.2           | 23,050          | 60.3            | 23,050          | 61.2            | 23,050          |
|               | 170               | 56.9           | 20,500          | 58.0            | 20,500          | 58.9            | 20,510          |
|               | 180               | 54.6           | 18,260          | 55.6            | 18,260          | 56.5            | 18,270          |
|               | 190               | 52.2           | 16,270          | 53.2            | 16,270          | 54.0            | 16,270          |
|               | 200               | 49.7           | 14,490          | 50.7            | 14,490          | 51.5            | 14,490          |
|               | 210               | 47.0           | 12,880          | 48.0            | 12,880          | 48.8            | 12,890          |
|               | 220               | 44.3           | 11,430          | 45.3            | 11,430          | 46.0            | 11,440          |
|               | 230               | 41.4           | 10,120          | 42.4            | 10,120          | 43.1            | 10,130          |
|               | 240               | 38.4           | 8,930           | 39.3            | 8,930           | 40.0            | 8,940           |
|               | 250               | 35.1           | 7,840           | 36.0            | 7,840           | 36.6            | 7,850           |
|               | 260               | 31.5           | 6,830           | 32.4            | 6,840           | 32.9            | 6,850           |

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|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 49  | 81.9 | 60,000* | -    | -       | -    | -       |
|               | 50  | 81.7 | 60,000* | -    | -       | -    | -       |
|               | 60  | 79.7 | 60,000* | 80.8 | 60,000* | 81.9 | 59,370* |
|               | 70  | 77.6 | 60,000* | 78.8 | 60,000* | 79.9 | 59,370* |
|               | 80  | 75.6 | 60,000* | 76.7 | 60,000* | 77.8 | 59,370* |
|               | 90  | 73.5 | 58,590  | 74.6 | 58,600  | 75.7 | 58,610  |
|               | 100 | 71.4 | 50,110  | 72.5 | 50,110  | 73.6 | 50,120  |
|               | 110 | 69.2 | 43,320  | 70.4 | 43,320  | 71.4 | 43,330  |
|               | 120 | 67.1 | 38,370  | 68.2 | 38,380  | 69.2 | 38,380  |
|               | 130 | 64.9 | 33,750  | 66.0 | 33,750  | 67.0 | 33,750  |
| 250' (76.2 m) | 140 | 62.7 | 29,830  | 63.8 | 29,830  | 64.7 | 29,830  |
|               | 150 | 60.4 | 26,470  | 61.5 | 26,470  | 62.4 | 26,480  |
|               | 160 | 58.0 | 23,560  | 59.1 | 23,570  | 60.0 | 23,570  |
|               | 170 | 55.6 | 21,020  | 56.7 | 21,020  | 57.6 | 21,030  |
|               | 180 | 53.1 | 18,780  | 54.2 | 18,780  | 55.1 | 18,790  |
|               | 190 | 50.6 | 16,790  | 51.6 | 16,790  | 52.5 | 16,800  |
|               | 200 | 47.9 | 15,010  | 49.0 | 15,010  | 49.8 | 15,020  |
|               | 210 | 45.1 | 13,410  | 46.2 | 13,410  | 46.9 | 13,420  |
|               | 220 | 42.2 | 11,970  | 43.2 | 11,970  | 44.0 | 11,980  |
|               | 230 | 39.1 | 10,650  | 40.1 | 10,660  | 40.8 | 10,660  |
|               | 240 | 35.8 | 9,450   | 36.7 | 9,460   | 37.3 | 9,470   |
|               | 250 | 32.1 | 8,370   | 33.0 | 8,370   | 33.6 | 8,380   |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 52  | 81.8 | 60,000* | -    | -       | -    | -       |
|               | 60  | 80.3 | 60,000* | 81.4 | 57,380* | -    | -       |
|               | 70  | 78.4 | 60,000* | 79.5 | 54,860* | 80.5 | 49,420* |
|               | 80  | 76.5 | 57,190* | 77.6 | 52,360* | 78.6 | 47,740* |
|               | 90  | 74.6 | 54,310* | 75.7 | 50,160* | 76.7 | 46,120* |
|               | 100 | 72.6 | 49,050  | 73.7 | 47,880* | 74.7 | 44,480* |
|               | 110 | 70.7 | 42,250  | 71.7 | 42,250  | 72.7 | 42,260  |
|               | 120 | 68.7 | 37,350  | 69.7 | 37,360  | 70.7 | 37,360  |
|               | 130 | 66.6 | 32,710  | 67.7 | 32,720  | 68.6 | 32,720  |
|               | 140 | 64.6 | 28,790  | 65.6 | 28,800  | 66.5 | 28,800  |
| 270' (82.3 m) | 150 | 62.5 | 25,430  | 63.5 | 25,430  | 64.4 | 25,430  |
|               | 160 | 60.3 | 22,520  | 61.4 | 22,520  | 62.3 | 22,530  |
|               | 170 | 58.2 | 19,970  | 59.2 | 19,980  | 60.0 | 19,980  |
|               | 180 | 55.9 | 17,730  | 56.9 | 17,730  | 57.8 | 17,740  |
|               | 190 | 53.6 | 15,740  | 54.6 | 15,740  | 55.4 | 15,750  |
|               | 200 | 51.2 | 13,960  | 52.2 | 13,960  | 53.0 | 13,960  |
|               | 210 | 48.8 | 12,350  | 49.7 | 12,350  | 50.5 | 12,350  |
|               | 220 | 46.2 | 10,900  | 47.2 | 10,900  | 47.9 | 10,910  |
|               | 230 | 43.5 | 9,590   | 44.5 | 9,590   | 45.2 | 9,600   |
|               | 240 | 40.7 | 8,390   | 41.6 | 8,390   | 42.3 | 8,400   |
|               | 250 | 37.7 | 7,300   | 38.6 | 7,300   | 39.3 | 7,310   |
|               | 260 | 34.5 | 6,290   | 35.4 | 6,290   | 35.9 | 6,300   |
|               | 270 | 31.0 | 5,260*  | 31.8 | 5,370   | 32.3 | 5,380   |

HC 275

15



## With 92HI Offset Tip Boom and 195,000 Pound Counterweight, #30 Jib

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

45' (13.7 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 33                | 81.9           | 60,000*         | -               | -               | -               | -               |
|               | 35                | 81.2           | 60,000*         | -               | -               | -               | -               |
|               | 40                | 79.4           | 60,000*         | -               | -               | -               | -               |
|               | 50                | 75.9           | 60,000*         | 78.5            | 60,000*         | 80.9            | 46,910*         |
| 120' (36.6 m) | 60                | 72.3           | 60,000*         | 74.8            | 60,000*         | 77.2            | 44,510*         |
|               | 70                | 68.6           | 60,000*         | 71.1            | 55,020*         | 73.5            | 40,630*         |
|               | 80                | 64.8           | 60,000*         | 67.3            | 49,340*         | 69.6            | 40,350*         |
|               | 90                | 60.9           | 55,330*         | 63.4            | 44,790*         | 65.6            | 39,130*         |
|               | 100               | 56.9           | 50,040*         | 59.3            | 41,060*         | 61.5            | 36,220*         |
|               | 110               | 52.6           | 45,790*         | 55.0            | 40,210*         | 57.1            | 33,990*         |
|               | 120               | 48.0           | 42,120*         | 50.4            | 37,680*         | 52.3            | 32,040*         |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 34  | 82.0 | 60,000* | -    | -       | -    | -       |
|               | 35  | 81.7 | 60,000* | -    | -       | -    | -       |
|               | 40  | 80.0 | 60,000* | -    | -       | -    | -       |
|               | 50  | 76.7 | 60,000* | 79.1 | 60,000* | 81.4 | 46,860* |
| 130' (39.6 m) | 60  | 73.3 | 60,000* | 75.7 | 60,000* | 78.0 | 45,890* |
|               | 70  | 69.9 | 60,000* | 72.3 | 57,350* | 74.5 | 41,970* |
|               | 80  | 66.4 | 60,000* | 68.7 | 51,500* | 70.9 | 40,450* |
|               | 90  | 62.7 | 58,140* | 65.1 | 46,780* | 67.2 | 40,380* |
|               | 100 | 59.0 | 52,630* | 61.3 | 42,900* | 63.4 | 37,690* |
|               | 110 | 55.1 | 48,180* | 57.3 | 40,450* | 59.3 | 35,290* |
|               | 120 | 50.9 | 44,190* | 53.2 | 39,230* | 55.1 | 33,380* |
|               | 130 | 46.5 | 39,890* | 48.7 | 36,970* | 50.5 | 31,670* |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 36  | 81.8 | 60,000* | -    | -       | -    | -       |
|               | 40  | 80.6 | 60,000* | -    | -       | -    | -       |
|               | 50  | 77.4 | 60,000* | 79.7 | 60,000* | 81.9 | 46,810* |
|               | 60  | 74.2 | 60,000* | 76.5 | 60,000* | 78.7 | 46,810* |
| 140' (42.7 m) | 70  | 71.0 | 60,000* | 73.3 | 58,830* | 75.4 | 43,110* |
|               | 80  | 67.7 | 60,000* | 70.0 | 53,760* | 72.0 | 40,370* |
|               | 90  | 64.3 | 60,000* | 66.6 | 48,740* | 68.6 | 40,370* |
|               | 100 | 60.8 | 55,100* | 63.0 | 44,870* | 65.0 | 39,110* |
|               | 110 | 57.2 | 49,140  | 59.4 | 41,530* | 61.3 | 36,730* |
|               | 120 | 53.4 | 43,630  | 55.6 | 40,450* | 57.4 | 34,610* |
|               | 130 | 49.4 | 39,360  | 51.5 | 38,330* | 53.3 | 32,820* |
|               | 140 | 45.2 | 35,470  | 47.2 | 35,470  | 48.9 | 31,400* |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 37  | 81.9 | 60,000* | -    | -       | -    | -       |
|               | 40  | 81.0 | 60,000* | -    | -       | -    | -       |
|               | 50  | 78.1 | 60,000* | 80.3 | 60,000* | -    | -       |
|               | 60  | 75.1 | 60,000* | 77.2 | 60,000* | 79.3 | 46,780* |
|               | 70  | 72.0 | 60,000* | 74.2 | 60,000* | 76.2 | 44,210* |
|               | 80  | 68.9 | 60,000* | 71.0 | 55,400* | 73.0 | 40,860* |
| 150' (45.7 m) | 90  | 65.7 | 60,000* | 67.8 | 50,630* | 69.8 | 40,410* |
|               | 100 | 62.5 | 55,300  | 64.6 | 46,580* | 66.4 | 40,350* |
|               | 110 | 59.1 | 48,550  | 61.2 | 43,130* | 63.0 | 37,990* |
|               | 120 | 55.6 | 43,040  | 57.6 | 40,360* | 59.4 | 35,890* |
|               | 130 | 51.9 | 38,790  | 53.9 | 38,800  | 55.6 | 33,940* |
|               | 140 | 48.0 | 34,890  | 50.0 | 34,900  | 51.7 | 32,410* |
|               | 150 | 43.9 | 31,560  | 45.8 | 31,560  | 47.4 | 31,130* |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 39                | 81.8           | 60,000*         | -               | -               | -               | -               |
|               | 40                | 81.5           | 60,000*         | -               | -               | -               | -               |
|               | 50                | 78.7           | 60,000*         | 80.7            | 60,000*         | -               | -               |
|               | 60                | 75.8           | 60,000*         | 77.9            | 60,000*         | 79.8            | 46,730*         |
|               | 70                | 72.9           | 60,000*         | 75.0            | 60,000*         | 76.9            | 45,130*         |
|               | 80                | 70.0           | 60,000*         | 72.0            | 56,820*         | 73.9            | 41,960*         |
| 160' (48.8 m) | 90                | 67.0           | 60,000*         | 69.0            | 52,310*         | 70.8            | 40,390*         |
|               | 100               | 63.9           | 54,750          | 65.9            | 48,260*         | 67.7            | 40,390*         |
|               | 110               | 60.7           | 48,000          | 62.7            | 44,840*         | 64.5            | 39,200*         |
|               | 120               | 57.5           | 42,470          | 59.4            | 41,820*         | 61.2            | 36,990*         |
|               | 130               | 54.1           | 38,260          | 56.0            | 38,270          | 57.7            | 35,120*         |
|               | 140               | 50.5           | 34,360          | 52.4            | 34,370          | 54.0            | 33,430*         |
|               | 150               | 46.8           | 31,010          | 48.6            | 31,020          | 50.2            | 31,020          |
|               | 160               | 42.8           | 28,120          | 44.6            | 28,120          | 46.0            | 28,130          |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 40  | 81.9 | 60,000* | -    | -       | -    | -       |
|               | 50  | 79.2 | 60,000* | 81.2 | 60,000* | -    | -       |
|               | 60  | 76.5 | 60,000* | 78.5 | 60,000* | 80.3 | 46,680* |
|               | 70  | 73.7 | 60,000* | 75.7 | 60,000* | 77.5 | 46,060* |
|               | 80  | 70.9 | 60,000* | 72.9 | 58,190* | 74.7 | 42,830* |
|               | 90  | 68.1 | 60,000* | 70.0 | 53,790* | 71.8 | 40,130* |
| 170' (51.8 m) | 100 | 65.2 | 54,200  | 67.1 | 50,020* | 68.9 | 40,130* |
|               | 110 | 62.2 | 47,440  | 64.1 | 46,330* | 65.8 | 40,130* |
|               | 120 | 59.2 | 41,910  | 61.0 | 41,920  | 62.7 | 38,080* |
|               | 130 | 56.0 | 37,730  | 57.9 | 37,730  | 59.5 | 36,220* |
|               | 140 | 52.7 | 33,820  | 54.5 | 33,830  | 56.1 | 33,830  |
|               | 150 | 49.3 | 30,480  | 51.1 | 30,490  | 52.5 | 30,490  |
|               | 160 | 45.6 | 27,580  | 47.4 | 27,590  | 48.8 | 27,600  |
|               | 170 | 41.7 | 25,050  | 43.4 | 25,050  | 44.7 | 25,060  |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 41  | 82.0 | 60,000* | -    | -       | -    | -       |
|               | 50  | 79.7 | 60,000* | 81.6 | 60,000* | -    | -       |
|               | 60  | 77.1 | 60,000* | 79.0 | 60,000* | 80.8 | 46,630* |
|               | 70  | 74.5 | 60,000* | 76.4 | 60,000* | 78.1 | 46,630* |
|               | 80  | 71.8 | 60,000* | 73.7 | 59,400* | 75.4 | 43,800* |
|               | 90  | 69.1 | 60,000* | 71.0 | 54,990* | 72.7 | 41,060* |
| 180' (54.9 m) | 100 | 66.4 | 53,900  | 68.2 | 51,240* | 69.9 | 40,250* |
|               | 110 | 63.6 | 47,140  | 65.4 | 47,150  | 67.0 | 40,250* |
|               | 120 | 60.7 | 41,620  | 62.5 | 41,630  | 64.1 | 39,120* |
|               | 130 | 57.7 | 37,460  | 59.5 | 37,460  | 61.0 | 37,130* |
|               | 140 | 54.6 | 33,550  | 56.4 | 33,560  | 57.9 | 33,560  |
|               | 150 | 51.4 | 30,210  | 53.2 | 30,210  | 54.6 | 30,220  |
|               | 160 | 48.1 | 27,310  | 49.8 | 27,320  | 51.2 | 27,320  |
|               | 170 | 44.5 | 24,790  | 46.2 | 24,790  | 47.5 | 24,800  |
|               | 180 | 40.7 | 22,550  | 42.3 | 22,560  | 43.6 | 22,560  |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 43  | 81.8 | 60,000* | -    | -       | -    | -       |
|               | 50  | 80.1 | 60,000* | 81.9 | 60,000* | -    | -       |
|               | 60  | 77.6 | 60,000* | 79.5 | 60,000* | 81.2 | 46,580* |
|               | 70  | 75.1 | 60,000* | 77.0 | 60,000* | 78.6 | 46,580* |
|               | 80  | 72.6 | 60,000* | 74.4 | 60,000* | 76.1 | 44,560* |
|               | 90  | 70.0 | 60,000* | 71.8 | 56,360* | 73.5 | 41,830* |
| 190' (57.9 m) | 100 | 67.4 | 53,370  | 69.2 | 52,600* | 70.8 | 40,230* |
|               | 110 | 64.8 | 46,600  | 66.5 | 46,610  | 68.1 | 40,230* |
|               | 120 | 62.0 | 41,080  | 63.8 | 41,080  | 65.3 | 40,020* |
|               | 130 | 59.2 | 36,940  | 61.0 | 36,940  | 62.5 | 36,950  |
|               | 140 | 56.4 | 33,030  | 58.0 | 33,040  | 59.5 | 33,040  |
|               | 150 | 53.4 | 29,690  | 55.0 | 29,690  | 56.5 | 29,700  |
|               | 160 | 50.2 | 26,790  | 51.9 | 26,790  | 53.3 | 26,800  |
|               | 170 | 47.0 | 24,260  | 48.6 | 24,270  | 49.9 | 24,270  |
|               | 180 | 43.5 | 22,030  | 45.1 | 22,030  | 46.3 | 22,040  |
|               | 190 | 39.8 | 20,040  | 41.3 | 20,050  | 42.5 | 20,060  |



195 klb + 64 klb CB

360°

ANSI B 30.5  
 DIN/ISO

45' (13.7 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 44                | 81.9           | 60,000*         | -               | -               | -               | -               |
|               | 50                | 80.5           | 60,000*         | -               | -               | -               | -               |
|               | 60                | 78.2           | 60,000*         | 79.9            | 60,000*         | 81.5            | 46,540*         |
|               | 70                | 75.8           | 60,000*         | 77.5            | 60,000*         | 79.1            | 46,540*         |
|               | 80                | 73.3           | 60,000*         | 75.1            | 60,000*         | 76.7            | 45,340*         |
|               | 90                | 70.9           | 60,000*         | 72.6            | 57,410*         | 74.2            | 42,660*         |
|               | 100               | 68.4           | 52,810          | 70.1            | 52,810          | 71.6            | 40,320*         |
|               | 110               | 65.9           | 46,030          | 67.6            | 46,030          | 69.1            | 40,200*         |
| 200' (61.0 m) | 120               | 63.3           | 40,500          | 64.9            | 40,510          | 66.4            | 40,200*         |
|               | 130               | 60.6           | 36,390          | 62.3            | 36,390          | 63.7            | 36,400          |
|               | 140               | 57.9           | 32,480          | 59.5            | 32,480          | 61.0            | 32,490          |
|               | 150               | 55.1           | 29,130          | 56.7            | 29,140          | 58.1            | 29,140          |
|               | 160               | 52.2           | 26,230          | 53.8            | 26,230          | 55.1            | 26,240          |
|               | 170               | 49.1           | 23,700          | 50.7            | 23,700          | 52.0            | 23,710          |
|               | 180               | 45.9           | 21,460          | 47.5            | 21,470          | 48.7            | 21,470          |
|               | 190               | 42.5           | 19,480          | 44.0            | 19,480          | 45.2            | 19,490          |
|               | 200               | 38.9           | 17,710          | 40.4            | 17,710          | 41.5            | 17,720          |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 46  | 81.8 | 60,000* | -    | -       | -    | -       |
|               | 50  | 80.9 | 60,000* | -    | -       | -    | -       |
|               | 60  | 78.6 | 60,000* | 80.3 | 60,000* | 81.9 | 46,490* |
|               | 70  | 76.3 | 60,000* | 78.0 | 60,000* | 79.6 | 46,490* |
|               | 80  | 74.0 | 60,000* | 75.7 | 60,000* | 77.2 | 46,060* |
|               | 90  | 71.7 | 60,000* | 73.3 | 58,610* | 74.8 | 43,360* |
|               | 100 | 69.3 | 52,270  | 70.9 | 52,270  | 72.4 | 40,960* |
|               | 110 | 66.9 | 45,490  | 68.5 | 45,490  | 70.0 | 40,300* |
| 210' (64.0 m) | 120 | 64.4 | 39,950  | 66.0 | 39,960  | 67.5 | 40,220* |
|               | 130 | 61.9 | 35,860  | 63.5 | 35,870  | 64.9 | 35,870  |
|               | 140 | 59.3 | 31,960  | 60.9 | 31,960  | 62.3 | 31,970  |
|               | 150 | 56.6 | 28,600  | 58.2 | 28,610  | 59.6 | 28,610  |
|               | 160 | 53.9 | 25,700  | 55.4 | 25,700  | 56.8 | 25,710  |
|               | 170 | 51.1 | 23,170  | 52.6 | 23,170  | 53.8 | 23,180  |
|               | 180 | 48.1 | 20,930  | 49.6 | 20,930  | 50.8 | 20,940  |
|               | 190 | 45.0 | 18,940  | 46.4 | 18,950  | 47.6 | 18,950  |
|               | 200 | 41.6 | 17,170  | 43.1 | 17,170  | 44.2 | 17,180  |
|               | 210 | 38.1 | 15,580  | 39.5 | 15,580  | 40.5 | 15,590  |

|               |      |        |         |        |         |        |         |
|---------------|------|--------|---------|--------|---------|--------|---------|
|               | 47   | 81.9   | 60,000* | -      | -       | -      | -       |
|               | 50   | 81.2   | 60,000* | -      | -       | -      | -       |
|               | 60   | 79.1   | 60,000* | 80.7   | 60,000* | 80.0   | 46,450* |
|               | 70   | 76.9   | 60,000* | 78.5   | 60,000* | 77.7   | 46,450* |
|               | 80   | 74.6   | 60,000* | 76.2   | 60,000* | 74.7   | 46,450* |
|               | 90   | 72.4   | 60,000* | 74.0   | 59,670* | 75.4   | 44,170* |
|               | 100  | 70.1   | 51,730  | 71.7   | 51,730  | 73.1   | 41,710* |
|               | 110  | 67.8   | 44,950  | 69.4   | 44,950  | 70.8   | 40,180* |
| 220' (67.1 m) | 120  | 65.4   | 39,970  | 67.0   | 39,970  | 68.4   | 39,980  |
|               | 130  | 63.0   | 35,340  | 64.6   | 35,340  | 65.9   | 35,350  |
|               | 140  | 60.6   | 31,430  | 62.1   | 31,430  | 63.4   | 31,440  |
|               | 150  | 58.1   | 28,080  | 59.6   | 28,080  | 60.9   | 28,080  |
|               | 160  | 55.5   | 25,170  | 57.0   | 25,170  | 58.2   | 25,180  |
|               | 170  | 52.8   | 22,630  | 54.3   | 22,630  | 55.5   | 22,640  |
|               | 180  | 50.0   | 20,400  | 51.5   | 20,400  | 52.7   | 20,410  |
|               | 190  | 47.1   | 18,410  | 48.5   | 18,410  | 49.7   | 18,420  |
|               | 200  | 44.0   | 16,630  | 45.5   | 16,640  | 46.6   | 16,650  |
|               | 210  | 40.8   | 15,030  | 42.2   | 15,030  | 43.2   | 15,040  |
| 220           | 37.3 | 13,590 | 38.7    | 13,590 | 39.6    | 13,600 |         |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 48                | 82.0           | 60,000*         | -               | -               | -               | -               |
|               | 50                | 81.6           | 60,000*         | -               | -               | -               | -               |
|               | 60                | 79.5           | 60,000*         | 81.0            | 60,000*         | -               | -               |
|               | 70                | 77.3           | 60,000*         | 78.9            | 60,000*         | 80.3            | 46,400*         |
|               | 80                | 75.2           | 60,000*         | 76.7            | 60,000*         | 78.2            | 46,400*         |
|               | 90                | 73.0           | 59,860          | 74.6            | 59,870          | 76.0            | 44,690*         |
|               | 100               | 70.9           | 51,380          | 72.4            | 51,380          | 73.8            | 42,380*         |
|               | 110               | 68.6           | 44,610          | 70.1            | 44,610          | 71.5            | 40,240*         |
| 230' (70.1 m) | 120               | 66.4           | 39,640          | 67.9            | 39,640          | 69.2            | 39,650          |
|               | 130               | 64.1           | 35,020          | 65.6            | 35,020          | 66.9            | 35,030          |
|               | 140               | 61.7           | 31,100          | 63.2            | 31,110          | 64.5            | 31,110          |
|               | 150               | 59.4           | 27,760          | 60.8            | 27,760          | 62.1            | 27,770          |
|               | 160               | 56.9           | 24,850          | 58.3            | 24,860          | 59.6            | 24,860          |
|               | 170               | 54.4           | 22,320          | 55.8            | 22,320          | 57.0            | 22,330          |
|               | 180               | 51.7           | 20,080          | 53.2            | 20,080          | 54.3            | 20,090          |
|               | 190               | 49.0           | 18,090          | 50.4            | 18,090          | 51.6            | 18,100          |
|               | 200               | 46.2           | 16,310          | 47.6            | 16,310          | 48.6            | 16,320          |
|               | 210               | 43.2           | 14,710          | 44.5            | 14,720          | 45.6            | 14,730          |
| 220           | 40.0              | 13,270         | 41.3            | 13,280          | 42.3            | 13,280          |                 |
| 230           | 36.6              | 11,970         | 37.9            | 11,980          | 38.8            | 11,990          |                 |

|               |      |        |         |        |         |        |         |
|---------------|------|--------|---------|--------|---------|--------|---------|
|               | 50   | 81.9   | 60,000* | -      | -       | -      | -       |
|               | 60   | 79.8   | 60,000* | 81.3   | 60,000* | -      | -       |
|               | 70   | 77.8   | 60,000* | 79.3   | 60,000* | 80.7   | 46,350* |
|               | 80   | 75.7   | 60,000* | 77.2   | 60,000* | 78.6   | 46,350* |
|               | 90   | 73.7   | 59,340  | 75.1   | 59,350  | 76.5   | 45,450* |
|               | 100  | 71.5   | 50,860  | 73.0   | 50,860  | 74.4   | 42,990* |
|               | 110  | 69.4   | 44,080  | 70.9   | 44,080  | 72.2   | 40,940* |
|               | 120  | 67.3   | 39,130  | 68.7   | 39,140  | 70.0   | 39,140  |
| 240' (73.2 m) | 130  | 65.1   | 34,520  | 66.5   | 34,520  | 67.8   | 34,520  |
|               | 140  | 62.8   | 30,600  | 64.3   | 30,600  | 65.5   | 30,610  |
|               | 150  | 60.5   | 27,240  | 62.0   | 27,240  | 63.2   | 27,250  |
|               | 160  | 58.2   | 24,350  | 59.6   | 24,350  | 60.8   | 24,350  |
|               | 170  | 55.8   | 21,800  | 57.2   | 21,800  | 58.4   | 21,810  |
|               | 180  | 53.3   | 19,560  | 54.7   | 19,560  | 55.8   | 19,570  |
|               | 190  | 50.8   | 17,570  | 52.1   | 17,570  | 53.2   | 17,580  |
|               | 200  | 48.1   | 15,800  | 49.4   | 15,800  | 50.5   | 15,810  |
|               | 210  | 45.3   | 14,190  | 46.6   | 14,190  | 47.7   | 14,200  |
|               | 220  | 42.4   | 12,760  | 43.7   | 12,760  | 44.7   | 12,770  |
| 230           | 39.3 | 11,440 | 40.5    | 11,450 | 41.5    | 11,460 |         |
| 240           | 35.9 | 10,250 | 37.2    | 10,260 | 38.0    | 10,270 |         |

|               |      |       |         |       |         |       |         |
|---------------|------|-------|---------|-------|---------|-------|---------|
|               | 51   | 81.9  | 60,000* | -     | -       | -     | -       |
|               | 60   | 80.2  | 60,000* | 81.6  | 60,000* | -     | -       |
|               | 70   | 78.2  | 60,000* | 79.7  | 60,000* | 81.0  | 46,310* |
|               | 80   | 76.2  | 60,000* | 77.7  | 60,000* | 79.0  | 46,310* |
|               | 90   | 74.2  | 58,800  | 75.7  | 58,810  | 77.0  | 46,090* |
|               | 100  | 72.2  | 50,310  | 73.6  | 50,310  | 74.9  | 43,690* |
|               | 110  | 70.1  | 43,530  | 71.6  | 43,530  | 72.9  | 41,630* |
|               | 120  | 68.1  | 38,610  | 69.5  | 38,610  | 70.7  | 38,620  |
|               | 130  | 66.0  | 33,980  | 67.4  | 33,980  | 68.6  | 33,990  |
|               | 140  | 63.8  | 30,060  | 65.2  | 30,060  | 66.4  | 30,070  |
| 250' (76.2 m) | 150  | 61.6  | 26,700  | 63.0  | 26,710  | 64.2  | 26,710  |
|               | 160  | 59.4  | 23,800  | 60.8  | 23,800  | 61.9  | 23,810  |
|               | 170  | 57.1  | 21,250  | 58.5  | 21,260  | 59.6  | 21,260  |
|               | 180  | 54.8  | 19,010  | 56.1  | 19,010  | 57.2  | 19,020  |
|               | 190  | 52.3  | 17,020  | 53.7  | 17,020  | 54.8  | 17,030  |
|               | 200  | 49.8  | 15,240  | 51.1  | 15,240  | 52.2  | 15,250  |
|               | 210  | 47.2  | 13,640  | 48.5  | 13,640  | 49.5  | 13,650  |
|               | 220  | 44.5  | 12,190  | 45.7  | 12,190  | 46.7  | 12,200  |
|               | 230  | 41.6  | 10,890  | 42.9  | 10,890  | 43.8  | 10,900  |
|               | 240  | 38.6  | 9,690   | 39.8  | 9,690   | 40.6  | 9,700   |
| 250           | 35.3 | 8,600 | 36.5    | 8,600 | 37.3    | 8,610 |         |

3

HC 275

17

## With 92HI Offset Tip Boom and 195,000 Pound Counterweight, #30 Jib

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

### 45' (13.7 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 53                | 81.8           | 60,000*         | -               | -               | -               | -               |
|               | 60                | 80.5           | 60,000*         | 81.9            | 59,180*         | -               | -               |
|               | 70                | 78.6           | 60,000*         | 80.0            | 57,220*         | 81.3            | 46,260*         |
|               | 80                | 76.7           | 60,000*         | 78.1            | 55,010*         | 79.4            | 46,260*         |
|               | 90                | 74.7           | 58,280          | 76.1            | 52,960*         | 77.4            | 46,260*         |
|               | 100               | 72.8           | 49,780          | 74.2            | 49,780          | 75.4            | 44,170*         |
|               | 110               | 70.8           | 42,990          | 72.2            | 42,990          | 73.4            | 42,140*         |
|               | 120               | 68.8           | 38,090          | 70.2            | 38,100          | 71.4            | 38,100          |
|               | 130               | 66.8           | 33,460          | 68.2            | 33,470          | 69.4            | 33,470          |
|               | 140               | 64.7           | 29,540          | 66.1            | 29,550          | 67.3            | 29,550          |
| 260' (79.2 m) | 150               | 62.6           | 26,180          | 64.0            | 26,180          | 65.2            | 26,190          |
|               | 160               | 60.5           | 23,270          | 61.8            | 23,270          | 63.0            | 23,280          |
|               | 170               | 58.3           | 20,720          | 59.6            | 20,730          | 60.8            | 20,730          |
|               | 180               | 56.1           | 18,490          | 57.4            | 18,490          | 58.5            | 18,500          |
|               | 190               | 53.8           | 16,500          | 55.1            | 16,500          | 56.1            | 16,510          |
|               | 200               | 51.4           | 14,720          | 52.7            | 14,720          | 53.7            | 14,730          |
|               | 210               | 48.9           | 13,120          | 50.2            | 13,120          | 51.2            | 13,130          |
|               | 220               | 46.4           | 11,670          | 47.6            | 11,670          | 48.6            | 11,680          |
|               | 230               | 43.7           | 10,350          | 44.9            | 10,360          | 45.9            | 10,360          |
|               | 240               | 40.9           | 9,160           | 42.1            | 9,160           | 43.0            | 9,170           |
| 250           | 37.9              | 8,060          | 39.1            | 8,060           | 39.9            | 8,070           |                 |
| 260           | 34.7              | 7,060          | 35.8            | 7,070           | 36.6            | 7,080           |                 |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 55                | 82.0           | 52,150*         | -               | -               | -               | -               |
|               | 60                | 81.1           | 50,620*         | -               | -               | -               | -               |
|               | 70                | 79.3           | 47,470*         | 80.6            | 42,110*         | 81.9            | 35,710*         |
|               | 80                | 77.5           | 44,590*         | 78.8            | 40,190*         | 80.0            | 34,600*         |
|               | 90                | 75.7           | 42,060*         | 77.0            | 36,820*         | 78.2            | 33,560*         |
|               | 100               | 73.9           | 38,230*         | 75.2            | 35,270*         | 76.4            | 32,410*         |
|               | 110               | 72.0           | 36,200*         | 73.3            | 33,710*         | 74.5            | 31,240*         |
|               | 120               | 70.2           | 34,350*         | 71.5            | 32,150*         | 72.6            | 29,940*         |
|               | 130               | 68.3           | 32,590          | 69.6            | 30,720*         | 70.7            | 28,760*         |
|               | 140               | 66.4           | 28,670          | 67.7            | 28,680          | 68.8            | 27,580*         |
| 280' (85.3 m) | 150               | 64.5           | 25,300          | 65.7            | 25,310          | 66.8            | 25,310          |
|               | 160               | 62.5           | 22,400          | 63.7            | 22,400          | 64.8            | 22,410          |
|               | 170               | 60.5           | 19,850          | 61.7            | 19,850          | 62.8            | 19,860          |
|               | 180               | 58.4           | 17,600          | 59.7            | 17,610          | 60.7            | 17,610          |
|               | 190               | 56.3           | 15,620          | 57.5            | 15,620          | 58.6            | 15,630          |
|               | 200               | 54.2           | 13,840          | 55.4            | 13,840          | 56.4            | 13,850          |
|               | 210               | 52.0           | 12,230          | 53.2            | 12,240          | 54.1            | 12,240          |
|               | 220               | 49.7           | 10,780          | 50.9            | 10,790          | 51.8            | 10,790          |
|               | 230               | 47.3           | 9,470           | 48.5            | 9,470           | 49.4            | 9,480           |
|               | 240               | 44.8           | 8,270           | 46.0            | 8,270           | 46.9            | 8,280           |
| 250           | 42.3              | 7,170          | 43.4            | 7,180           | 44.2            | 7,190           |                 |
| 260           | 39.5              | 6,170          | 40.6            | 6,180           | 41.4            | 6,180           |                 |
| 270           | 36.6              | 5,240          | 37.7            | 5,250           | 38.5            | 5,260           |                 |
| 280           | 33.5              | 4,060*         | 34.6            | 4,360*          | 35.3            | 4,400           |                 |

|               |      |       |         |       |         |       |         |
|---------------|------|-------|---------|-------|---------|-------|---------|
|               | 54   | 81.9  | 60,000* | -     | -       | -     | -       |
|               | 60   | 80.8  | 60,000* | -     | -       | -     | -       |
|               | 70   | 79.0  | 57,650* | 80.3  | 50,910* | 81.6  | 44,680* |
|               | 80   | 77.1  | 54,570* | 78.5  | 48,880* | 79.7  | 43,530* |
|               | 90   | 75.2  | 51,710* | 76.6  | 46,870* | 77.8  | 42,160* |
|               | 100  | 73.4  | 49,080* | 74.7  | 44,870* | 75.9  | 40,770* |
|               | 110  | 71.5  | 42,460  | 72.8  | 42,460  | 74.0  | 38,430* |
|               | 120  | 69.5  | 37,580  | 70.8  | 37,580  | 72.0  | 37,030* |
|               | 130  | 67.6  | 32,940  | 68.9  | 32,940  | 70.1  | 32,950  |
|               | 140  | 65.6  | 29,020  | 66.9  | 29,020  | 68.1  | 29,030  |
| 270' (82.3 m) | 150  | 63.6  | 25,660  | 64.9  | 25,660  | 66.0  | 25,670  |
|               | 160  | 61.5  | 22,740  | 62.8  | 22,750  | 63.9  | 22,750  |
|               | 170  | 59.4  | 20,200  | 60.7  | 20,200  | 61.8  | 20,210  |
|               | 180  | 57.3  | 17,950  | 58.6  | 17,950  | 59.6  | 17,960  |
|               | 190  | 55.1  | 15,960  | 56.4  | 15,960  | 57.4  | 15,970  |
|               | 200  | 52.8  | 14,180  | 54.1  | 14,180  | 55.1  | 14,190  |
|               | 210  | 50.5  | 12,570  | 51.7  | 12,580  | 52.7  | 12,590  |
|               | 220  | 48.1  | 11,130  | 49.3  | 11,130  | 50.3  | 11,140  |
|               | 230  | 45.6  | 9,820   | 46.8  | 9,820   | 47.7  | 9,830   |
|               | 240  | 43.0  | 8,620   | 44.1  | 8,630   | 45.0  | 8,630   |
| 250           | 40.2 | 7,520 | 41.3    | 7,520 | 42.2    | 7,530 |         |
| 260           | 37.3 | 6,520 | 38.4    | 6,520 | 39.2    | 6,530 |         |
| 270           | 34.1 | 5,590 | 35.2    | 5,600 | 35.9    | 5,610 |         |

195 klb + 64 klb CB

360°

ANSI B 30.5  
 DIN/ISO

55' (16.8 m) Jib length

| Boom length      | Jib Radius (Feet) | 5.0 Deg offset Boom Angle (Pounds) | 5.0 Deg offset Rating (Pounds) | 15.0 Deg offset Boom Angle (Pounds) | 15.0 Deg offset Rating (Pounds) | 25.0 Deg offset Boom Angle (Pounds) | 25.0 Deg offset Rating (Pounds) | Boom length      | Jib Radius (Feet) | 5.0 Deg offset Boom Angle (Pounds) | 5.0 Deg offset Rating (Pounds) | 15.0 Deg offset Boom Angle (Pounds) | 15.0 Deg offset Rating (Pounds) | 25.0 Deg offset Boom Angle (Pounds) | 25.0 Deg offset Rating (Pounds) |   |
|------------------|-------------------|------------------------------------|--------------------------------|-------------------------------------|---------------------------------|-------------------------------------|---------------------------------|------------------|-------------------|------------------------------------|--------------------------------|-------------------------------------|---------------------------------|-------------------------------------|---------------------------------|---|
| 140'<br>(42.7 m) | 38                | 81.9                               | 60,000*                        | -                                   | -                               | -                                   | -                               | 180'<br>(54.9 m) | 44                | 81.8                               | 60,000*                        | -                                   | -                               | -                                   | -                               |   |
|                  | 40                | 81.3                               | 60,000*                        | -                                   | -                               | -                                   | -                               |                  | 50                | 80.3                               | 60,000*                        | -                                   | -                               | -                                   | -                               | - |
|                  | 50                | 78.3                               | 60,000*                        | 81.0                                | 60,000*                         | -                                   | -                               |                  | 60                | 77.9                               | 60,000*                        | 80.1                                | 60,000*                         | -                                   | -                               | - |
|                  | 60                | 75.3                               | 60,000*                        | 78.0                                | 56,160*                         | 80.5                                | 38,790*                         |                  | 70                | 75.4                               | 60,000*                        | 77.6                                | 55,610*                         | 79.6                                | 38,700*                         | - |
|                  | 70                | 72.3                               | 60,000*                        | 74.9                                | 49,980*                         | 77.4                                | 38,790*                         |                  | 80                | 72.8                               | 60,000*                        | 75.0                                | 50,740*                         | 77.1                                | 38,700*                         | - |
|                  | 80                | 69.2                               | 59,210*                        | 71.8                                | 44,930*                         | 74.2                                | 37,500*                         |                  | 90                | 70.3                               | 60,000*                        | 72.4                                | 46,410*                         | 74.5                                | 38,360*                         | - |
|                  | 90                | 66.0                               | 53,090*                        | 68.6                                | 40,920*                         | 71.0                                | 34,640*                         |                  | 100               | 67.6                               | 54,140                         | 69.8                                | 42,710*                         | 71.8                                | 35,900*                         | - |
|                  | 100               | 62.7                               | 47,920*                        | 65.3                                | 40,110*                         | 67.6                                | 32,290*                         |                  | 110               | 65.0                               | 47,380                         | 67.1                                | 40,250*                         | 69.1                                | 33,790*                         | - |
|                  | 110               | 59.3                               | 43,890*                        | 61.9                                | 37,330*                         | 64.2                                | 30,260*                         |                  | 120               | 62.3                               | 41,860                         | 64.4                                | 39,200*                         | 66.3                                | 31,870*                         | - |
|                  | 120               | 55.8                               | 40,250*                        | 58.4                                | 35,040*                         | 60.6                                | 28,400*                         |                  | 130               | 59.4                               | 37,730                         | 61.6                                | 37,090*                         | 63.4                                | 30,310*                         | - |
| 130              | 52.2              | 37,680*                            | 54.7                           | 33,020*                             | 56.8                            | 26,930*                             | 140                             | 56.6             | 33,820            | 58.6                               | 33,830                         | 60.5                                | 28,900*                         | -                                   |                                 |   |
| 140              | 48.3              | 35,020*                            | 50.7                           | 31,220*                             | 52.8                            | 25,650*                             | 150                             | 53.6             | 30,480            | 55.6                               | 30,490                         | 57.4                                | 27,610*                         | -                                   |                                 |   |
| 150'<br>(45.7 m) | 39                | 82.0                               | 60,000*                        | -                                   | -                               | -                                   | -                               | 160              | 50.4              | 27,580                             | 52.5                           | 27,580                              | 54.2                            | 26,540*                             | -                               |   |
|                  | 40                | 81.7                               | 60,000*                        | -                                   | -                               | -                                   | -                               | 170              | 47.2              | 25,050                             | 49.2                           | 25,060                              | 50.8                            | 25,060                              | -                               |   |
|                  | 50                | 78.9                               | 60,000*                        | 81.5                                | 60,000*                         | -                                   | -                               | 180              | 43.7              | 22,830                             | 45.7                           | 22,830                              | 47.2                            | 22,840                              | -                               |   |
|                  | 60                | 76.0                               | 60,000*                        | 78.6                                | 57,750*                         | 81.0                                | 38,760*                         | 190'<br>(57.9 m) | 45                | 81.9                               | 60,000*                        | -                                   | -                               | -                                   | -                               |   |
|                  | 70                | 73.2                               | 60,000*                        | 75.7                                | 51,650*                         | 78.1                                | 38,760*                         |                  | 50                | 80.7                               | 60,000*                        | -                                   | -                               | -                                   | -                               |   |
|                  | 80                | 70.2                               | 60,000*                        | 72.7                                | 46,410*                         | 75.1                                | 38,600*                         |                  | 60                | 78.4                               | 60,000*                        | 80.5                                | 60,000*                         | -                                   | -                               | - |
|                  | 90                | 67.2                               | 55,290*                        | 69.7                                | 42,440*                         | 72.0                                | 35,720*                         |                  | 70                | 76.0                               | 60,000*                        | 78.1                                | 56,540*                         | 80.1                                | 38,670*                         | - |
|                  | 100               | 64.1                               | 50,120*                        | 66.6                                | 40,350*                         | 68.9                                | 33,270*                         |                  | 80                | 73.5                               | 60,000*                        | 75.7                                | 51,980*                         | 77.6                                | 38,670*                         | - |
|                  | 110               | 61.0                               | 45,660*                        | 63.4                                | 38,560*                         | 65.6                                | 31,150*                         |                  | 90                | 71.1                               | 60,000*                        | 73.2                                | 47,590*                         | 75.1                                | 38,670*                         | - |
|                  | 120               | 57.7                               | 42,000*                        | 60.1                                | 36,040*                         | 62.3                                | 29,330*                         |                  | 100               | 68.6                               | 53,610                         | 70.7                                | 44,070*                         | 72.6                                | 36,760*                         | - |
| 130              | 54.3              | 39,080                             | 56.7                           | 34,050*                             | 58.8                            | 27,890*                             | 110                             |                  | 66.1              | 46,850                             | 68.1                           | 40,850*                             | 70.0                            | 34,480*                             | -                               |   |
| 140              | 50.8              | 35,180                             | 53.1                           | 32,240*                             | 55.1                            | 26,490*                             | 120                             |                  | 63.5              | 41,320                             | 65.5                           | 40,240*                             | 67.4                            | 32,630*                             | -                               |   |
| 150              | 47.0              | 31,840                             | 49.3                           | 30,550*                             | 51.2                            | 25,330*                             | 130                             |                  | 60.8              | 37,210                             | 62.9                           | 37,220                              | 64.7                            | 31,070*                             | -                               |   |
| 160'<br>(48.8 m) | 41                | 81.8                               | 60,000*                        | -                                   | -                               | -                                   | -                               | 140              | 58.1              | 33,310                             | 60.1                           | 33,310                              | 61.9                            | 29,640*                             | -                               |   |
|                  | 50                | 79.4                               | 60,000*                        | 81.9                                | 60,000*                         | -                                   | -                               | 150              | 55.3              | 29,960                             | 57.3                           | 29,970                              | 59.0                            | 28,350*                             | -                               |   |
|                  | 60                | 76.7                               | 60,000*                        | 79.1                                | 59,090*                         | 81.4                                | 38,740*                         | 160              | 52.4              | 27,060                             | 54.3                           | 27,060                              | 56.0                            | 27,070                              | -                               |   |
|                  | 70                | 74.0                               | 60,000*                        | 76.4                                | 53,090*                         | 78.6                                | 38,740*                         | 170              | 49.3              | 24,530                             | 51.3                           | 24,530                              | 52.9                            | 24,540                              | -                               |   |
|                  | 80                | 71.2                               | 60,000*                        | 73.6                                | 47,970*                         | 75.8                                | 38,740*                         | 180              | 46.1              | 22,290                             | 48.0                           | 22,300                              | 49.6                            | 22,310                              | -                               |   |
|                  | 90                | 68.3                               | 57,470*                        | 70.7                                | 43,790*                         | 72.9                                | 36,670*                         | 190              | 42.7              | 20,320                             | 44.6                           | 20,320                              | 46.1                            | 20,330                              | -                               |   |
|                  | 100               | 65.4                               | 52,160*                        | 67.8                                | 40,280*                         | 69.9                                | 34,240*                         | 200'<br>(61.0 m) | 46                | 82.0                               | 60,000*                        | -                                   | -                               | -                                   | -                               |   |
|                  | 110               | 62.5                               | 47,650*                        | 64.8                                | 39,570*                         | 66.9                                | 32,120*                         |                  | 50                | 81.1                               | 60,000*                        | -                                   | -                               | -                                   | -                               | - |
|                  | 120               | 59.4                               | 42,730                         | 61.7                                | 37,160*                         | 63.8                                | 30,250*                         |                  | 60                | 78.8                               | 60,000*                        | 80.9                                | 60,000*                         | -                                   | -                               | - |
|                  | 130               | 56.2                               | 38,550                         | 58.5                                | 35,090*                         | 60.5                                | 28,700*                         |                  | 70                | 76.5                               | 60,000*                        | 78.6                                | 57,610*                         | 80.5                                | 38,650*                         | - |
| 140              | 52.9              | 34,640                             | 55.2                           | 33,250*                             | 57.1                            | 27,310*                             | 80                              |                  | 74.2              | 60,000*                            | 76.2                           | 53,150*                             | 78.1                            | 38,650*                             | -                               |   |
| 150              | 49.5              | 31,300                             | 51.7                           | 31,310                              | 53.6                            | 26,150*                             | 90                              |                  | 71.9              | 60,000*                            | 73.9                           | 48,800*                             | 75.8                            | 38,650*                             | -                               |   |
| 160              | 45.8              | 28,410                             | 48.0                           | 28,420                              | 49.8                            | 25,120*                             | 100                             |                  | 69.5              | 53,050                             | 71.5                           | 45,100*                             | 73.3                            | 37,380*                             | -                               |   |
| 170'<br>(51.8 m) | 42                | 81.9                               | 60,000*                        | -                                   | -                               | -                                   | -                               |                  | 110               | 67.1                               | 46,280                         | 69.1                                | 42,010*                         | 70.9                                | 35,230*                         | - |
|                  | 50                | 79.9                               | 60,000*                        | -                                   | -                               | -                                   | -                               |                  | 120               | 64.6                               | 40,740                         | 66.6                                | 40,210*                         | 68.4                                | 33,390*                         | - |
|                  | 60                | 77.3                               | 60,000*                        | 79.6                                | 60,000*                         | 81.8                                | 38,710*                         |                  | 130               | 62.1                               | 36,650                         | 64.0                                | 36,660                          | 65.8                                | 31,830*                         | - |
|                  | 70                | 74.7                               | 60,000*                        | 77.0                                | 54,510*                         | 79.2                                | 38,710*                         | 140              | 59.5              | 32,750                             | 61.4                           | 32,750                              | 63.1                            | 30,270*                             | -                               |   |
|                  | 80                | 72.0                               | 60,000*                        | 74.3                                | 49,300*                         | 76.5                                | 38,710*                         | 150              | 56.8              | 29,400                             | 58.8                           | 29,410                              | 60.4                            | 28,980*                             | -                               |   |
|                  | 90                | 69.3                               | 59,620*                        | 71.6                                | 45,030*                         | 73.7                                | 37,580*                         | 160              | 54.1              | 26,500                             | 56.0                           | 26,500                              | 57.6                            | 26,510                              | -                               |   |
|                  | 100               | 66.6                               | 54,020*                        | 68.9                                | 41,500*                         | 70.9                                | 35,020*                         | 170              | 51.2              | 23,970                             | 53.1                           | 23,970                              | 54.7                            | 23,980                              | -                               |   |
|                  | 110               | 63.8                               | 47,690                         | 66.0                                | 40,340*                         | 68.0                                | 32,900*                         | 180              | 48.3              | 21,730                             | 50.1                           | 21,730                              | 51.6                            | 21,740                              | -                               |   |
|                  | 120               | 60.9                               | 42,170                         | 63.1                                | 38,200*                         | 65.1                                | 31,110*                         | 190              | 45.1              | 19,750                             | 47.0                           | 19,760                              | 48.4                            | 19,770                              | -                               |   |
|                  | 130               | 57.9                               | 38,010                         | 60.1                                | 36,040*                         | 62.1                                | 29,560*                         | 200              | 41.8              | 17,980                             | 43.6                           | 17,980                              | 45.0                            | 17,990                              | -                               |   |
| 140              | 54.8              | 34,100                             | 57.0                           | 34,110                              | 58.9                            | 28,160*                             |                                 |                  |                   |                                    |                                |                                     |                                 |                                     |                                 |   |
| 150              | 51.6              | 30,760                             | 53.8                           | 30,770                              | 55.6                            | 26,880*                             |                                 |                  |                   |                                    |                                |                                     |                                 |                                     |                                 |   |
| 160              | 48.3              | 27,870                             | 50.4                           | 27,880                              | 52.1                            | 25,810*                             |                                 |                  |                   |                                    |                                |                                     |                                 |                                     |                                 |   |
| 170              | 44.7              | 25,340                             | 46.8                           | 25,340                              | 48.5                            | 24,890*                             |                                 |                  |                   |                                    |                                |                                     |                                 |                                     |                                 |   |

3

HC 275

19



## With 92HI Offset Tip Boom and 195,000 Pound Counterweight, #30 Jib

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

55' (16.8 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 48                | 81.9           | 60,000*         | -               | -               | -               | -               |
|               | 50                | 81.4           | 60,000*         | -               | -               | -               | -               |
|               | 60                | 79.2           | 60,000*         | 81.2            | 60,000*         | -               | -               |
|               | 70                | 77.0           | 60,000*         | 79.0            | 58,560*         | 80.9            | 38,620*         |
|               | 80                | 74.8           | 60,000*         | 76.8            | 54,070*         | 78.6            | 38,620*         |
|               | 90                | 72.6           | 60,000*         | 74.5            | 49,850*         | 76.3            | 38,620*         |
|               | 100               | 70.3           | 52,510          | 72.2            | 46,150*         | 74.0            | 38,120*         |
|               | 110               | 68.0           | 45,740          | 69.9            | 43,040*         | 71.6            | 36,060*         |
| 210' (64.0 m) | 120               | 65.6           | 40,200          | 67.5            | 40,200          | 69.3            | 34,160*         |
|               | 130               | 63.2           | 36,140          | 65.1            | 36,140          | 66.8            | 32,460*         |
|               | 140               | 60.8           | 32,220          | 62.6            | 32,220          | 64.3            | 31,030*         |
|               | 150               | 58.2           | 28,880          | 60.1            | 28,880          | 61.7            | 28,890          |
|               | 160               | 55.7           | 25,970          | 57.5            | 25,980          | 59.1            | 25,980          |
|               | 170               | 53.0           | 23,440          | 54.8            | 23,440          | 56.3            | 23,450          |
|               | 180               | 50.2           | 21,200          | 52.0            | 21,200          | 53.5            | 21,210          |
|               | 190               | 47.3           | 19,210          | 49.1            | 19,210          | 50.5            | 19,220          |
|               | 200               | 44.2           | 17,440          | 46.0            | 17,450          | 47.3            | 17,460          |
|               | 210               | 41.0           | 15,840          | 42.7            | 15,840          | 44.0            | 15,850          |

|               |      |        |         |        |         |        |         |
|---------------|------|--------|---------|--------|---------|--------|---------|
|               | 49   | 81.9   | 60,000* | -      | -       | -      | -       |
|               | 50   | 81.7   | 60,000* | -      | -       | -      | -       |
|               | 60   | 79.6   | 60,000* | 81.5   | 60,000* | -      | -       |
|               | 70   | 77.5   | 60,000* | 79.4   | 59,320* | 81.2   | 38,600* |
|               | 80   | 75.4   | 60,000* | 77.3   | 54,890* | 79.0   | 38,600* |
|               | 90   | 73.2   | 60,000* | 75.1   | 51,040* | 76.8   | 38,600* |
|               | 100  | 71.0   | 51,970  | 72.9   | 47,230* | 74.6   | 38,600* |
|               | 110  | 68.8   | 45,190  | 70.7   | 44,090* | 72.4   | 36,670* |
| 220' (67.1 m) | 120  | 66.6   | 40,230  | 68.4   | 40,230  | 70.1   | 34,780* |
|               | 130  | 64.3   | 35,600  | 66.1   | 35,610  | 67.7   | 33,080* |
|               | 140  | 61.9   | 31,690  | 63.7   | 31,700  | 65.4   | 31,660* |
|               | 150  | 59.5   | 28,340  | 61.3   | 28,340  | 62.9   | 28,350  |
|               | 160  | 57.1   | 25,440  | 58.9   | 25,450  | 60.4   | 25,450  |
|               | 170  | 54.5   | 22,900  | 56.3   | 22,900  | 57.8   | 22,910  |
|               | 180  | 51.9   | 20,660  | 53.7   | 20,660  | 55.1   | 20,670  |
|               | 190  | 49.2   | 18,680  | 50.9   | 18,680  | 52.3   | 18,690  |
|               | 200  | 46.4   | 16,900  | 48.0   | 16,900  | 49.4   | 16,910  |
|               | 210  | 43.4   | 15,300  | 45.0   | 15,310  | 46.3   | 15,320  |
| 220           | 40.2 | 13,860 | 41.8    | 13,870 | 43.0    | 13,880 |         |

|               |      |        |         |        |         |        |         |
|---------------|------|--------|---------|--------|---------|--------|---------|
|               | 51   | 81.8   | 60,000* | -      | -       | -      | -       |
|               | 60   | 80.0   | 60,000* | 81.8   | 60,000* | -      | -       |
|               | 70   | 78.0   | 60,000* | 79.8   | 60,000* | 81.5   | 38,580* |
|               | 80   | 75.9   | 60,000* | 77.7   | 55,800* | 79.4   | 38,580* |
|               | 90   | 73.8   | 60,000* | 75.6   | 51,930* | 77.3   | 38,580* |
|               | 100  | 71.7   | 51,620  | 73.5   | 48,370* | 75.2   | 38,580* |
|               | 110  | 69.6   | 44,840  | 71.4   | 44,840  | 73.0   | 37,420* |
|               | 120  | 67.4   | 39,900  | 69.2   | 39,910  | 70.8   | 35,390* |
| 230' (70.1 m) | 130  | 65.2   | 35,280  | 67.0   | 35,280  | 68.6   | 33,700* |
|               | 140  | 63.0   | 31,370  | 64.8   | 31,370  | 66.3   | 31,380  |
|               | 150  | 60.7   | 28,020  | 62.5   | 28,020  | 64.0   | 28,030  |
|               | 160  | 58.4   | 25,120  | 60.1   | 25,120  | 61.6   | 25,130  |
|               | 170  | 56.0   | 22,570  | 57.7   | 22,570  | 59.1   | 22,580  |
|               | 180  | 53.5   | 20,340  | 55.2   | 20,340  | 56.6   | 20,350  |
|               | 190  | 50.9   | 18,350  | 52.6   | 18,350  | 54.0   | 18,360  |
|               | 200  | 48.3   | 16,580  | 49.9   | 16,580  | 51.3   | 16,590  |
|               | 210  | 45.5   | 14,980  | 47.1   | 14,980  | 48.4   | 14,990  |
|               | 220  | 42.5   | 13,540  | 44.1   | 13,540  | 45.4   | 13,550  |
| 230           | 39.4 | 12,220 | 41.0    | 12,230 | 42.2    | 12,240 |         |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 52                | 81.9           | 60,000*         | -               | -               | -               | -               |
|               | 60                | 80.3           | 60,000*         | -               | -               | -               | -               |
|               | 70                | 78.4           | 60,000*         | 80.1            | 60,000*         | 81.8            | 38,550*         |
|               | 80                | 76.4           | 60,000*         | 78.2            | 56,670*         | 79.8            | 38,550*         |
|               | 90                | 74.4           | 59,580          | 76.1            | 52,800*         | 77.8            | 38,550*         |
|               | 100               | 72.4           | 51,090          | 74.1            | 49,270*         | 75.7            | 38,550*         |
|               | 110               | 70.3           | 44,310          | 72.0            | 44,310          | 73.6            | 38,010*         |
|               | 120               | 68.2           | 39,400          | 70.0            | 39,400          | 71.5            | 36,000*         |
| 240' (73.2 m) | 130               | 66.1           | 34,770          | 67.8            | 34,770          | 69.4            | 34,310*         |
|               | 140               | 64.0           | 30,850          | 65.7            | 30,850          | 67.2            | 30,860          |
|               | 150               | 61.8           | 27,500          | 63.5            | 27,510          | 65.0            | 27,510          |
|               | 160               | 59.6           | 24,600          | 61.2            | 24,600          | 62.7            | 24,610          |
|               | 170               | 57.3           | 22,060          | 58.9            | 22,070          | 60.4            | 22,070          |
|               | 180               | 54.9           | 19,820          | 56.6            | 19,820          | 58.0            | 19,830          |
|               | 190               | 52.5           | 17,830          | 54.1            | 17,830          | 55.5            | 17,840          |
|               | 200               | 50.0           | 16,050          | 51.6            | 16,050          | 52.9            | 16,060          |
|               | 210               | 47.4           | 14,460          | 49.0            | 14,460          | 50.2            | 14,470          |
|               | 220               | 44.6           | 13,010          | 46.2            | 13,020          | 47.4            | 13,020          |
| 230           | 41.8              | 11,700         | 43.3            | 11,700          | 44.5            | 11,710          |                 |
| 240           | 38.7              | 10,510         | 40.2            | 10,510          | 41.3            | 10,520          |                 |

|               |      |       |         |       |         |       |         |
|---------------|------|-------|---------|-------|---------|-------|---------|
|               | 53   | 82.0  | 60,000* | -     | -       | -     | -       |
|               | 60   | 80.7  | 60,000* | -     | -       | -     | -       |
|               | 70   | 78.8  | 60,000* | 80.5  | 59,630* | -     | -       |
|               | 80   | 76.8  | 60,000* | 78.6  | 57,290* | 80.2  | 38,530* |
|               | 90   | 74.9  | 59,030  | 76.6  | 53,640* | 78.2  | 38,530* |
|               | 100  | 73.0  | 50,540  | 74.6  | 50,270* | 76.2  | 38,530* |
|               | 110  | 71.0  | 43,760  | 72.7  | 43,760  | 74.2  | 38,530* |
|               | 120  | 69.0  | 38,860  | 70.7  | 38,870  | 72.2  | 36,600* |
|               | 130  | 67.0  | 34,230  | 68.6  | 34,240  | 70.1  | 34,240  |
|               | 140  | 64.9  | 30,320  | 66.5  | 30,320  | 68.0  | 30,330  |
| 250' (76.2 m) | 150  | 62.8  | 26,960  | 64.4  | 26,960  | 65.9  | 26,970  |
|               | 160  | 60.7  | 24,050  | 62.3  | 24,050  | 63.7  | 24,060  |
|               | 170  | 58.5  | 21,510  | 60.1  | 21,520  | 61.5  | 21,530  |
|               | 180  | 56.2  | 19,270  | 57.8  | 19,270  | 59.2  | 19,280  |
|               | 190  | 53.9  | 17,280  | 55.5  | 17,280  | 56.9  | 17,290  |
|               | 200  | 51.6  | 15,500  | 53.1  | 15,500  | 54.4  | 15,510  |
|               | 210  | 49.1  | 13,900  | 50.6  | 13,900  | 51.9  | 13,910  |
|               | 220  | 46.5  | 12,460  | 48.1  | 12,460  | 49.3  | 12,470  |
|               | 230  | 43.9  | 11,140  | 45.4  | 11,150  | 46.5  | 11,160  |
|               | 240  | 41.0  | 9,950   | 42.5  | 9,950   | 43.6  | 9,960   |
| 250           | 38.0 | 8,860 | 39.5    | 8,860 | 40.5    | 8,870 |         |

195 klb + 64 klb CB

360°

ANSI B 30.5  
 DIN/ISO

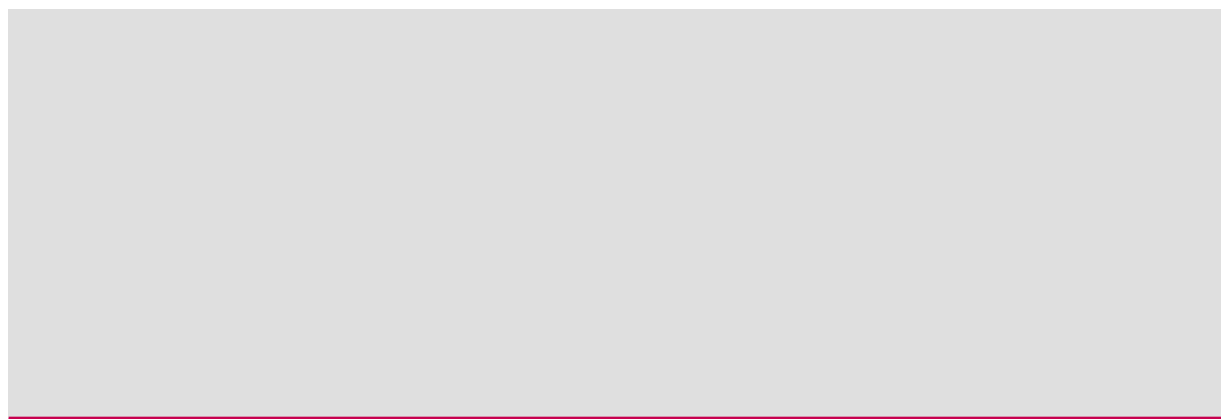
55' (16.8 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 55                | 81.9           | 60,000*         | -               | -               | -               | -               |
|               | 60                | 81.0           | 60,000*         | -               | -               | -               | -               |
|               | 70                | 79.1           | 60,000*         | 80.8            | 53,180*         | -               | -               |
|               | 80                | 77.3           | 58,460*         | 78.9            | 51,530*         | 80.5            | 38,510*         |
|               | 90                | 75.4           | 55,580*         | 77.0            | 49,570*         | 78.6            | 38,510*         |
|               | 100               | 73.5           | 50,010          | 75.2            | 47,680*         | 76.7            | 38,510*         |
|               | 110               | 71.6           | 43,220          | 73.2            | 43,220          | 74.7            | 38,510*         |
|               | 120               | 69.7           | 38,350          | 71.3            | 38,350          | 72.8            | 37,180*         |
|               | 130               | 67.7           | 33,720          | 69.3            | 33,720          | 70.8            | 33,730          |
|               | 140               | 65.7           | 29,800          | 67.4            | 29,800          | 68.8            | 29,810          |
| 260' (79.2 m) | 150               | 63.7           | 26,440          | 65.3            | 26,440          | 66.7            | 26,450          |
|               | 160               | 61.7           | 23,530          | 63.3            | 23,540          | 64.7            | 23,540          |
|               | 170               | 59.6           | 20,990          | 61.2            | 20,990          | 62.5            | 21,000          |
|               | 180               | 57.4           | 18,740          | 59.0            | 18,750          | 60.3            | 18,750          |
|               | 190               | 55.3           | 16,750          | 56.8            | 16,750          | 58.1            | 16,760          |
|               | 200               | 53.0           | 14,970          | 54.5            | 14,970          | 55.8            | 14,980          |
|               | 210               | 50.7           | 13,360          | 52.2            | 13,370          | 53.4            | 13,380          |
|               | 220               | 48.3           | 11,930          | 49.7            | 11,930          | 51.0            | 11,940          |
|               | 230               | 45.7           | 10,610          | 47.2            | 10,610          | 48.4            | 10,620          |
|               | 240               | 43.1           | 9,410           | 44.6            | 9,420           | 45.7            | 9,430           |
| 250           | 40.3              | 8,320          | 41.8            | 8,320           | 42.8            | 8,330           |                 |
| 260           | 37.4              | 7,320          | 38.8            | 7,330           | 39.8            | 7,340           |                 |

|               |      |       |         |       |         |       |         |
|---------------|------|-------|---------|-------|---------|-------|---------|
|               | 56   | 81.9  | 59,530* | -     | -       | -     | -       |
|               | 60   | 81.2  | 58,160* | -     | -       | -     | -       |
|               | 70   | 79.5  | 54,860* | 81.1  | 47,450* | -     | -       |
|               | 80   | 77.7  | 52,000* | 79.3  | 45,640* | 80.8  | 38,490* |
|               | 90   | 75.9  | 49,220* | 77.5  | 44,000* | 78.9  | 37,670* |
|               | 100  | 74.0  | 46,730* | 75.6  | 42,190* | 77.1  | 36,690* |
|               | 110  | 72.2  | 42,690  | 73.8  | 40,390* | 75.2  | 35,770* |
|               | 120  | 70.3  | 37,830  | 71.9  | 37,780* | 73.3  | 34,650* |
|               | 130  | 68.5  | 33,190  | 70.0  | 33,200  | 71.4  | 33,200  |
|               | 140  | 66.5  | 29,270  | 68.1  | 29,280  | 69.5  | 29,280  |
| 270' (82.3 m) | 150  | 64.6  | 25,910  | 66.1  | 25,920  | 67.5  | 25,930  |
|               | 160  | 62.6  | 23,010  | 64.2  | 23,010  | 65.5  | 23,020  |
|               | 170  | 60.6  | 20,460  | 62.1  | 20,460  | 63.5  | 20,470  |
|               | 180  | 58.6  | 18,210  | 60.1  | 18,220  | 61.4  | 18,230  |
|               | 190  | 56.5  | 16,220  | 58.0  | 16,220  | 59.3  | 16,230  |
|               | 200  | 54.3  | 14,440  | 55.8  | 14,440  | 57.1  | 14,450  |
|               | 210  | 52.1  | 12,830  | 53.6  | 12,840  | 54.8  | 12,850  |
|               | 220  | 49.8  | 11,380  | 51.3  | 11,390  | 52.5  | 11,400  |
|               | 230  | 47.5  | 10,080  | 48.9  | 10,080  | 50.0  | 10,090  |
|               | 240  | 45.0  | 8,880   | 46.4  | 8,880   | 47.5  | 8,890   |
| 250           | 42.4 | 7,780 | 43.8    | 7,790 | 44.9    | 7,800 |         |
| 260           | 39.7 | 6,770 | 41.0    | 6,780 | 42.1    | 6,790 |         |
| 270           | 36.8 | 5,850 | 38.1    | 5,860 | 39.1    | 5,870 |         |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 58                | 81.8           | 48,830*         | -               | -               | -               | -               |
|               | 60                | 81.5           | 48,350*         | -               | -               | -               | -               |
|               | 70                | 79.8           | 45,380*         | 81.3            | 37,580*         | -               | -               |
|               | 80                | 78.0           | 42,620*         | 79.6            | 36,270*         | 81.1            | 31,890*         |
|               | 90                | 76.3           | 40,170*         | 77.8            | 34,690*         | 79.3            | 31,030*         |
|               | 100               | 74.5           | 36,650*         | 76.1            | 33,260*         | 77.5            | 30,030*         |
|               | 110               | 72.7           | 34,750*         | 74.3            | 31,860*         | 75.7            | 29,010*         |
|               | 120               | 70.9           | 32,910*         | 72.5            | 30,440*         | 73.9            | 27,960*         |
|               | 130               | 69.1           | 31,220*         | 70.6            | 29,150*         | 72.0            | 26,980*         |
|               | 140               | 67.3           | 28,920          | 68.8            | 27,860*         | 70.2            | 25,920*         |
| 280' (85.3 m) | 150               | 65.4           | 25,560          | 66.9            | 25,560          | 68.3            | 24,860*         |
|               | 160               | 63.5           | 22,650          | 65.0            | 22,650          | 66.3            | 22,660          |
|               | 170               | 61.6           | 20,100          | 63.1            | 20,110          | 64.4            | 20,110          |
|               | 180               | 59.6           | 17,860          | 61.1            | 17,860          | 62.4            | 17,870          |
|               | 190               | 57.6           | 15,860          | 59.1            | 15,870          | 60.3            | 15,870          |
|               | 200               | 55.5           | 14,090          | 57.0            | 14,090          | 58.2            | 14,100          |
|               | 210               | 53.4           | 12,480          | 54.9            | 12,490          | 56.1            | 12,500          |
|               | 220               | 51.3           | 11,030          | 52.7            | 11,040          | 53.9            | 11,050          |
|               | 230               | 49.0           | 9,710           | 50.4            | 9,720           | 51.6            | 9,730           |
|               | 240               | 46.7           | 8,520           | 48.1            | 8,520           | 49.2            | 8,530           |
| 250           | 44.3              | 7,420          | 45.6            | 7,420           | 46.7            | 7,430           |                 |
| 260           | 41.7              | 6,410          | 43.1            | 6,420           | 44.1            | 6,430           |                 |
| 270           | 39.1              | 5,490          | 40.4            | 5,500           | 41.3            | 5,510           |                 |
| 280           | 36.2              | 4,480*         | 37.5            | 4,640           | 38.4            | 4,650           |                 |

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HC 275

21



## With 92HI Offset Tip Boom and 195,000 Pound Counterweight, #30 Jib

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

65' (19.8 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 45                | 81.8           | 55,300*         | -               | -               | -               | -               |
|               | 50                | 80.5           | 54,350*         | -               | -               | -               | -               |
|               | 60                | 78.1           | 52,480*         | 80.7            | 47,400*         | -               | -               |
|               | 70                | 75.6           | 50,780*         | 78.2            | 46,300*         | 80.7            | 32,810*         |
|               | 80                | 73.0           | 49,330*         | 75.6            | 42,120*         | 78.1            | 32,810*         |
|               | 90                | 70.5           | 47,820*         | 73.1            | 39,560*         | 75.5            | 31,490*         |
| 170' (51.8 m) | 100               | 67.9           | 46,420*         | 70.4            | 38,510*         | 72.8            | 29,380*         |
|               | 110               | 65.2           | 43,830*         | 67.7            | 35,980*         | 70.1            | 27,670*         |
|               | 120               | 62.5           | 39,520*         | 65.0            | 33,670*         | 67.3            | 26,050*         |
|               | 130               | 59.7           | 37,870*         | 62.2            | 31,740*         | 64.4            | 24,680*         |
|               | 140               | 56.8           | 34,300          | 59.3            | 29,790*         | 61.4            | 23,550*         |
|               | 150               | 53.8           | 30,960          | 56.2            | 28,030*         | 58.4            | 22,430*         |
|               | 160               | 50.6           | 28,060          | 53.1            | 26,540*         | 55.1            | 21,500*         |
|               | 170               | 47.4           | 25,530          | 49.8            | 25,170*         | 51.8            | 20,660*         |

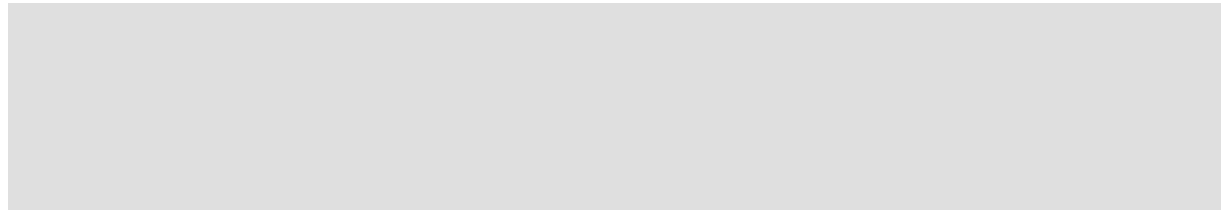
|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 46  | 81.9 | 54,770* | -    | -       | -    | -       |
|               | 50  | 80.9 | 54,180* | -    | -       | -    | -       |
|               | 60  | 78.6 | 52,460* | 81.1 | 47,220* | -    | -       |
|               | 70  | 76.2 | 51,020* | 78.7 | 46,270* | 81.1 | 32,780* |
|               | 80  | 73.7 | 49,390* | 76.3 | 43,270* | 78.6 | 32,780* |
|               | 90  | 71.3 | 47,960* | 73.8 | 39,680* | 76.1 | 32,150* |
| 180' (54.9 m) | 100 | 68.8 | 46,770* | 71.3 | 38,840* | 73.6 | 30,040* |
|               | 110 | 66.3 | 45,340* | 68.7 | 36,800* | 71.0 | 28,260* |
|               | 120 | 63.7 | 41,540* | 66.1 | 34,560* | 68.3 | 26,670* |
|               | 130 | 61.0 | 37,910  | 63.4 | 32,640* | 65.6 | 25,390* |
|               | 140 | 58.3 | 34,010  | 60.7 | 30,820* | 62.8 | 24,150* |
|               | 150 | 55.5 | 30,660  | 57.9 | 29,000* | 59.9 | 23,020* |
|               | 160 | 52.6 | 27,770  | 54.9 | 27,370* | 56.9 | 22,090* |
|               | 170 | 49.5 | 25,240  | 51.8 | 25,240  | 53.8 | 21,230* |
|               | 180 | 46.3 | 23,000  | 48.6 | 23,010  | 50.5 | 20,470* |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 47  | 82.0 | 54,660* | -    | -       | -    | -       |
|               | 50  | 81.3 | 54,120* | -    | -       | -    | -       |
|               | 60  | 79.0 | 52,590* | 81.4 | 47,250* | -    | -       |
|               | 70  | 76.7 | 51,110* | 79.1 | 46,110* | 81.4 | 32,760* |
|               | 80  | 74.4 | 49,680* | 76.8 | 44,270* | 79.1 | 32,760* |
|               | 90  | 72.1 | 48,310* | 74.5 | 40,450* | 76.7 | 32,760* |
| 190' (57.9 m) | 100 | 69.7 | 46,910* | 72.1 | 39,020* | 74.3 | 30,730* |
|               | 110 | 67.3 | 45,730* | 69.6 | 37,710* | 71.8 | 28,940* |
|               | 120 | 64.8 | 41,470  | 67.1 | 35,320* | 69.3 | 27,290* |
|               | 130 | 62.3 | 37,390  | 64.6 | 33,400* | 66.7 | 25,900* |
|               | 140 | 59.7 | 33,490  | 62.0 | 31,570* | 64.1 | 24,640* |
|               | 150 | 57.0 | 30,140  | 59.3 | 29,910* | 61.3 | 23,610* |
|               | 160 | 54.3 | 27,240  | 56.5 | 27,240  | 58.5 | 22,580* |
|               | 170 | 51.4 | 24,710  | 53.7 | 24,710  | 55.6 | 21,710* |
|               | 180 | 48.5 | 22,480  | 50.7 | 22,480  | 52.5 | 20,960* |
|               | 190 | 45.3 | 20,490  | 47.5 | 20,500  | 49.3 | 20,300* |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 49                | 81.8           | 54,500*         | -               | -               | -               | -               |
|               | 50                | 81.6           | 54,280*         | -               | -               | -               | -               |
|               | 60                | 79.4           | 52,920*         | 81.8            | 47,270*         | -               | -               |
|               | 70                | 77.2           | 51,380*         | 79.6            | 46,320*         | 81.8            | 32,730*         |
|               | 80                | 75.0           | 49,940*         | 77.3            | 45,200*         | 79.5            | 32,730*         |
|               | 90                | 72.8           | 48,680*         | 75.1            | 41,450*         | 77.2            | 32,730*         |
|               | 100               | 70.5           | 47,450*         | 72.8            | 39,160*         | 74.9            | 31,280*         |
|               | 110               | 68.2           | 46,240*         | 70.4            | 38,370*         | 72.5            | 29,420*         |
| 200' (61.0 m) | 120               | 65.8           | 40,900          | 68.1            | 36,220*         | 70.1            | 27,910*         |
|               | 130               | 63.4           | 36,840          | 65.7            | 34,160*         | 67.7            | 26,510*         |
|               | 140               | 60.9           | 32,930          | 63.2            | 32,330*         | 65.2            | 25,240*         |
|               | 150               | 58.4           | 29,590          | 60.6            | 29,590          | 62.6            | 24,110*         |
|               | 160               | 55.8           | 26,690          | 58.0            | 26,700          | 59.9            | 23,170*         |
|               | 170               | 53.2           | 24,150          | 55.3            | 24,150          | 57.2            | 22,290*         |
|               | 180               | 50.4           | 21,920          | 52.5            | 21,920          | 54.3            | 21,450*         |
|               | 190               | 47.5           | 19,930          | 49.6            | 19,930          | 51.3            | 19,940          |
|               | 200               | 44.4           | 18,160          | 46.5            | 18,170          | 48.2            | 18,180          |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 50  | 81.9 | 54,220* | -    | -       | -    | -       |
|               | 60  | 79.8 | 52,820* | -    | -       | -    | -       |
|               | 70  | 77.7 | 51,470* | 79.9 | 46,350* | -    | -       |
|               | 80  | 75.6 | 50,010* | 77.8 | 45,420* | 79.9 | 32,720* |
|               | 90  | 73.4 | 48,880* | 75.6 | 42,310* | 77.7 | 32,720* |
|               | 100 | 71.2 | 47,530* | 73.4 | 39,310* | 75.5 | 31,790* |
|               | 110 | 69.0 | 45,900  | 71.2 | 38,690* | 73.2 | 30,060* |
|               | 120 | 66.7 | 40,360  | 68.9 | 36,970* | 70.9 | 28,410* |
| 210' (64.0 m) | 130 | 64.4 | 36,320  | 66.6 | 34,920* | 68.6 | 27,040* |
|               | 140 | 62.1 | 32,400  | 64.3 | 32,410  | 66.2 | 25,740* |
|               | 150 | 59.7 | 29,060  | 61.8 | 29,060  | 63.7 | 24,700* |
|               | 160 | 57.2 | 26,150  | 59.4 | 26,160  | 61.2 | 23,670* |
|               | 170 | 54.7 | 23,620  | 56.8 | 23,620  | 58.6 | 22,780* |
|               | 180 | 52.1 | 21,390  | 54.2 | 21,390  | 55.9 | 21,400  |
|               | 190 | 49.4 | 19,400  | 51.4 | 19,400  | 53.1 | 19,410  |
|               | 200 | 46.5 | 17,620  | 48.5 | 17,630  | 50.2 | 17,630  |
|               | 210 | 43.5 | 16,020  | 45.5 | 16,030  | 47.1 | 16,040  |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 51  | 82.0 | 54,030* | -    | -       | -    | -       |
|               | 60  | 80.2 | 52,740* | -    | -       | -    | -       |
|               | 70  | 78.1 | 51,550* | 80.3 | 46,300* | -    | -       |
|               | 80  | 76.1 | 50,270* | 78.2 | 45,430* | 80.3 | 32,690* |
|               | 90  | 74.0 | 48,900* | 76.1 | 43,240* | 78.2 | 32,690* |
|               | 100 | 71.9 | 47,770* | 74.0 | 40,010* | 76.0 | 32,380* |
|               | 110 | 69.8 | 45,350  | 71.9 | 38,660* | 73.9 | 30,560* |
|               | 120 | 67.6 | 39,800  | 69.7 | 37,730* | 71.7 | 28,980* |
| 220' (67.1 m) | 130 | 65.4 | 35,790  | 67.5 | 35,690* | 69.4 | 27,560* |
|               | 140 | 63.2 | 31,880  | 65.3 | 31,880  | 67.1 | 26,260* |
|               | 150 | 60.9 | 28,530  | 63.0 | 28,530  | 64.8 | 25,200* |
|               | 160 | 58.5 | 25,630  | 60.6 | 25,630  | 62.4 | 24,160* |
|               | 170 | 56.1 | 23,080  | 58.2 | 23,090  | 59.9 | 23,090  |
|               | 180 | 53.7 | 20,850  | 55.7 | 20,850  | 57.4 | 20,860  |
|               | 190 | 51.1 | 18,860  | 53.1 | 18,860  | 54.8 | 18,870  |
|               | 200 | 48.4 | 17,090  | 50.4 | 17,090  | 52.0 | 17,100  |
|               | 210 | 45.6 | 15,490  | 47.6 | 15,500  | 49.2 | 15,510  |
|               | 220 | 42.7 | 14,050  | 44.6 | 14,050  | 46.1 | 14,060  |



195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

65' (19.8 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 53                | 81.9           | 53,220*         | -               | -               | -               | -               |
|               | 60                | 80.5           | 52,420*         | -               | -               | -               | -               |
|               | 70                | 78.5           | 51,160*         | 80.6            | 45,890*         | -               | -               |
|               | 80                | 76.6           | 49,870*         | 78.6            | 45,000*         | 80.6            | 32,670*         |
|               | 90                | 74.6           | 48,810*         | 76.6            | 44,010*         | 78.6            | 32,670*         |
|               | 100               | 72.5           | 47,620*         | 74.6            | 40,750*         | 76.5            | 32,670*         |
|               | 110               | 70.5           | 44,990          | 72.5            | 38,640*         | 74.4            | 31,050*         |
|               | 120               | 68.4           | 40,080          | 70.5            | 38,020*         | 72.3            | 29,490*         |
| 230' (70.1 m) | 130               | 66.3           | 35,450          | 68.3            | 35,450          | 70.2            | 28,070*         |
|               | 140               | 64.1           | 31,540          | 66.2            | 31,550          | 68.0            | 26,780*         |
|               | 150               | 62.0           | 28,190          | 64.0            | 28,200          | 65.8            | 25,590*         |
|               | 160               | 59.7           | 25,290          | 61.7            | 25,290          | 63.5            | 24,560*         |
|               | 170               | 57.4           | 22,750          | 59.4            | 22,760          | 61.1            | 22,770          |
|               | 180               | 55.1           | 20,510          | 57.0            | 20,510          | 58.7            | 20,520          |
|               | 190               | 52.7           | 18,530          | 54.6            | 18,530          | 56.2            | 18,540          |
|               | 200               | 50.1           | 16,750          | 52.1            | 16,750          | 53.7            | 16,760          |
|               | 210               | 47.5           | 15,160          | 49.4            | 15,160          | 51.0            | 15,170          |
|               | 220               | 44.8           | 13,710          | 46.7            | 13,720          | 48.2            | 13,730          |
| 230           | 41.9              | 12,410         | 43.8            | 12,410          | 45.2            | 12,420          |                 |
|               | 54                | 82.0           | 52,810*         | -               | -               | -               | -               |
|               | 60                | 80.8           | 52,150*         | -               | -               | -               | -               |
|               | 70                | 78.9           | 51,040*         | 81.0            | 45,690*         | -               | -               |
|               | 80                | 77.0           | 49,920*         | 79.0            | 44,910*         | 80.9            | 32,640*         |
|               | 90                | 75.1           | 48,840*         | 77.1            | 44,220*         | 79.0            | 32,640*         |
|               | 100               | 73.1           | 47,670*         | 75.1            | 41,540*         | 77.0            | 32,640*         |
|               | 110               | 71.1           | 44,460          | 73.1            | 38,770*         | 75.0            | 31,550*         |
|               | 120               | 69.1           | 39,570          | 71.1            | 38,150*         | 72.9            | 29,990*         |
| 240' (73.2 m) | 130               | 67.1           | 34,940          | 69.1            | 34,950          | 70.9            | 28,460*         |
|               | 140               | 65.1           | 31,040          | 67.0            | 31,040          | 68.8            | 27,290*         |
|               | 150               | 63.0           | 27,680          | 64.9            | 27,680          | 66.6            | 26,110*         |
|               | 160               | 60.8           | 24,770          | 62.8            | 24,770          | 64.5            | 24,780          |
|               | 170               | 58.6           | 22,230          | 60.6            | 22,240          | 62.2            | 22,250          |
|               | 180               | 56.4           | 19,990          | 58.3            | 19,990          | 59.9            | 20,000          |
|               | 190               | 54.1           | 18,010          | 56.0            | 18,010          | 57.6            | 18,020          |
|               | 200               | 51.7           | 16,230          | 53.6            | 16,230          | 55.1            | 16,240          |
|               | 210               | 49.3           | 14,630          | 51.1            | 14,630          | 52.6            | 14,640          |
|               | 220               | 46.7           | 13,190          | 48.5            | 13,190          | 50.0            | 13,200          |
| 230           | 44.0              | 11,870         | 45.8            | 11,880          | 47.2            | 11,890          |                 |
| 240           | 41.2              | 10,680         | 43.0            | 10,680          | 44.3            | 10,700          |                 |
|               | 56                | 81.8           | 52,570*         | -               | -               | -               | -               |
|               | 60                | 81.1           | 52,180*         | -               | -               | -               | -               |
|               | 70                | 79.3           | 51,090*         | 81.2            | 45,560*         | -               | -               |
|               | 80                | 77.4           | 49,940*         | 79.4            | 44,910*         | 81.2            | 32,620*         |
|               | 90                | 75.6           | 48,860*         | 77.5            | 44,210*         | 79.3            | 32,620*         |
|               | 100               | 73.7           | 47,980*         | 75.6            | 39,450*         | 77.4            | 32,620*         |
|               | 110               | 71.8           | 43,910          | 73.7            | 38,880*         | 75.5            | 31,920*         |
|               | 120               | 69.8           | 39,040          | 71.8            | 38,280*         | 73.5            | 30,370*         |
|               | 130               | 67.9           | 34,410          | 69.8            | 34,410          | 71.5            | 28,960*         |
|               | 140               | 65.9           | 30,490          | 67.8            | 30,490          | 69.5            | 27,680*         |
| 250' (76.2 m) | 150               | 63.9           | 27,130          | 65.8            | 27,130          | 67.5            | 26,520*         |
|               | 160               | 61.8           | 24,230          | 63.7            | 24,240          | 65.4            | 24,250          |
|               | 170               | 59.7           | 21,690          | 61.6            | 21,690          | 63.2            | 21,700          |
|               | 180               | 57.6           | 19,440          | 59.5            | 19,450          | 61.1            | 19,450          |
|               | 190               | 55.4           | 17,460          | 57.2            | 17,460          | 58.8            | 17,470          |
|               | 200               | 53.1           | 15,680          | 55.0            | 15,680          | 56.5            | 15,690          |
|               | 210               | 50.8           | 14,070          | 52.6            | 14,080          | 54.1            | 14,090          |
|               | 220               | 48.4           | 12,630          | 50.2            | 12,630          | 51.6            | 12,640          |
|               | 230               | 45.9           | 11,320          | 47.6            | 11,320          | 49.1            | 11,330          |
|               | 240               | 43.3           | 10,120          | 45.0            | 10,130          | 46.3            | 10,140          |
| 250           | 40.5              | 9,030          | 42.2            | 9,040           | 43.5            | 9,050           |                 |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 57                | 81.9           | 52,170*         | -               | -               | -               | -               |
|               | 60                | 81.4           | 51,920*         | -               | -               | -               | -               |
|               | 70                | 79.6           | 50,830*         | 81.5            | 45,210*         | -               | -               |
|               | 80                | 77.8           | 49,740*         | 79.7            | 44,540*         | 81.5            | 32,600*         |
|               | 90                | 76.0           | 48,810*         | 77.9            | 43,950*         | 79.7            | 32,600*         |
|               | 100               | 74.2           | 47,780*         | 76.1            | 43,140*         | 77.8            | 32,600*         |
|               | 110               | 72.3           | 43,370          | 74.2            | 38,720*         | 76.0            | 32,420*         |
|               | 120               | 70.5           | 38,520          | 72.4            | 38,250*         | 74.1            | 30,850*         |
| 260' (79.2 m) | 130               | 68.6           | 33,890          | 70.5            | 33,900          | 72.2            | 29,420*         |
|               | 140               | 66.7           | 29,970          | 68.5            | 29,980          | 70.2            | 28,120*         |
|               | 150               | 64.8           | 26,610          | 66.6            | 26,620          | 68.2            | 26,630          |
|               | 160               | 62.8           | 23,710          | 64.6            | 23,710          | 66.2            | 23,720          |
|               | 170               | 60.8           | 21,160          | 62.6            | 21,160          | 64.2            | 21,170          |
|               | 180               | 58.7           | 18,920          | 60.5            | 18,930          | 62.1            | 18,940          |
|               | 190               | 56.6           | 16,930          | 58.4            | 16,930          | 59.9            | 16,940          |
|               | 200               | 54.5           | 15,150          | 56.2            | 15,150          | 57.7            | 15,160          |
|               | 210               | 52.3           | 13,540          | 54.0            | 13,550          | 55.5            | 13,560          |
|               | 220               | 50.0           | 12,090          | 51.7            | 12,100          | 53.1            | 12,110          |
|               | 230               | 47.6           | 10,790          | 49.3            | 10,790          | 50.7            | 10,800          |
|               | 240               | 45.1           | 9,590           | 46.8            | 9,590           | 48.2            | 9,600           |
|               | 250               | 42.6           | 8,490           | 44.2            | 8,500           | 45.5            | 8,510           |
|               | 260               | 39.8           | 7,490           | 41.5            | 7,500           | 42.7            | 7,510           |
|               | 58                | 82.0           | 51,540*         | -               | -               | -               | -               |
|               | 60                | 81.6           | 51,350*         | -               | -               | -               | -               |
|               | 70                | 79.9           | 50,370*         | 81.8            | 44,310*         | -               | -               |
|               | 80                | 78.2           | 49,430*         | 80.0            | 42,850*         | 81.8            | 32,570*         |
|               | 90                | 76.4           | 47,160*         | 78.3            | 41,210*         | 80.0            | 32,570*         |
|               | 100               | 74.7           | 44,580*         | 76.5            | 38,370*         | 78.2            | 32,570*         |
|               | 110               | 72.9           | 42,330*         | 74.7            | 36,970*         | 76.4            | 32,570*         |
|               | 120               | 71.1           | 38,010          | 72.9            | 35,590*         | 74.6            | 31,220*         |
| 270' (82.3 m) | 130               | 69.3           | 33,380          | 71.1            | 33,380          | 72.7            | 29,800*         |
|               | 140               | 67.4           | 29,450          | 69.2            | 29,450          | 70.9            | 28,510*         |
|               | 150               | 65.6           | 26,090          | 67.3            | 26,090          | 69.0            | 26,100          |
|               | 160               | 63.7           | 23,180          | 65.4            | 23,180          | 67.0            | 23,190          |
|               | 170               | 61.7           | 20,630          | 63.5            | 20,640          | 65.1            | 20,650          |
|               | 180               | 59.8           | 18,390          | 61.5            | 18,390          | 63.0            | 18,400          |
|               | 190               | 57.7           | 16,390          | 59.5            | 16,400          | 61.0            | 16,400          |
|               | 200               | 55.7           | 14,620          | 57.4            | 14,620          | 58.9            | 14,630          |
|               | 210               | 53.6           | 13,010          | 55.3            | 13,020          | 56.7            | 13,030          |
|               | 220               | 51.4           | 11,560          | 53.1            | 11,570          | 54.5            | 11,580          |
|               | 230               | 49.2           | 10,250          | 50.8            | 10,260          | 52.2            | 10,270          |
|               | 240               | 46.8           | 9,060           | 48.5            | 9,060           | 49.8            | 9,070           |
|               | 250               | 44.4           | 7,960           | 46.0            | 7,960           | 47.3            | 7,980           |
|               | 260               | 41.9           | 6,940           | 43.5            | 6,950           | 44.7            | 6,960           |
|               | 270               | 39.2           | 6,020           | 40.8            | 6,030           | 41.9            | 6,040           |

3

HC 275

23

## With 92HI Offset Tip Boom and 195,000 Pound Counterweight, #30 Jib

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

### 65' (19.8 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 60                | 81.9           | 46,040*         | -               | -               | -               | -               |
|               | 70                | 80.2           | 43,270*         | -               | -               | -               | -               |
|               | 80                | 78.5           | 40,730*         | 80.3            | 34,030*         | -               | -               |
|               | 90                | 76.8           | 36,990*         | 78.6            | 32,710*         | 80.3            | 28,640*         |
|               | 100               | 75.1           | 35,070*         | 76.9            | 31,430*         | 78.6            | 27,810*         |
|               | 110               | 73.4           | 33,240*         | 75.2            | 30,130*         | 76.8            | 26,940*         |
|               | 120               | 71.7           | 31,570*         | 73.4            | 28,820*         | 75.0            | 26,090*         |
|               | 130               | 69.9           | 29,890*         | 71.7            | 27,510*         | 73.3            | 25,130*         |
|               | 140               | 68.1           | 28,480*         | 69.9            | 26,310*         | 71.4            | 24,300*         |
|               | 150               | 66.3           | 25,730          | 68.0            | 25,240*         | 69.6            | 23,370*         |
| 280' (85.3 m) | 160               | 64.5           | 22,810          | 66.2            | 22,820          | 67.8            | 22,430*         |
|               | 170               | 62.6           | 20,280          | 64.3            | 20,280          | 65.9            | 20,290          |
|               | 180               | 60.7           | 18,030          | 62.4            | 18,030          | 63.9            | 18,040          |
|               | 190               | 58.8           | 16,030          | 60.5            | 16,040          | 62.0            | 16,050          |
|               | 200               | 56.8           | 14,250          | 58.5            | 14,250          | 60.0            | 14,260          |
|               | 210               | 54.8           | 12,660          | 56.5            | 12,660          | 57.9            | 12,670          |
|               | 220               | 52.7           | 11,200          | 54.4            | 11,210          | 55.8            | 11,220          |
|               | 230               | 50.6           | 9,890           | 52.2            | 9,900           | 53.6            | 9,910           |
|               | 240               | 48.4           | 8,690           | 50.0            | 8,700           | 51.3            | 8,710           |
|               | 250               | 46.1           | 7,600           | 47.7            | 7,600           | 49.0            | 7,610           |
|               | 260               | 43.7           | 6,590           | 45.3            | 6,600           | 46.5            | 6,610           |
|               | 270               | 41.2           | 5,670           | 42.8            | 5,670           | 43.9            | 5,680           |
|               | 280               | 38.6           | 4,740*          | 40.1            | 4,810           | 41.2            | 4,820           |

### 75' (22.9 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 50                | 81.8           | 42,120*         | -               | -               | -               | -               |
|               | 60                | 79.6           | 36,150*         | -               | -               | -               | -               |
|               | 70                | 77.4           | 35,050*         | 80.1            | 31,710*         | -               | -               |
|               | 80                | 75.2           | 33,980*         | 77.9            | 30,930*         | 80.4            | 28,010*         |
|               | 90                | 72.9           | 32,970*         | 75.6            | 30,010*         | 78.1            | 27,230*         |
|               | 100               | 70.7           | 32,130*         | 73.3            | 29,180*         | 75.8            | 26,310*         |
| 190' (57.9 m) | 110               | 68.3           | 31,330*         | 71.0            | 28,270*         | 73.4            | 24,710*         |
|               | 120               | 66.0           | 30,210*         | 68.6            | 27,480*         | 71.0            | 23,350*         |
|               | 130               | 63.6           | 29,320*         | 66.2            | 26,840*         | 68.6            | 22,140*         |
|               | 140               | 61.1           | 28,390*         | 63.7            | 26,200*         | 66.1            | 21,120*         |
|               | 150               | 58.6           | 27,630*         | 61.2            | 25,560*         | 63.5            | 20,100*         |
|               | 160               | 56.0           | 26,880*         | 58.6            | 24,330*         | 60.8            | 19,250*         |
|               | 170               | 53.3           | 24,870          | 55.9            | 23,080*         | 58.0            | 18,460*         |
|               | 180               | 50.6           | 22,630          | 53.0            | 21,970*         | 55.2            | 17,780*         |
| 190           | 47.6              | 20,650         | 50.1            | 20,660          | 52.2            | 17,170*         |                 |
|               | 51                | 81.9           | 42,160*         | -               | -               | -               | -               |
|               | 60                | 80.0           | 36,290*         | -               | -               | -               | -               |
|               | 70                | 77.9           | 35,250*         | 80.5            | 31,790*         | -               | -               |
|               | 80                | 75.7           | 34,200*         | 78.3            | 31,060*         | 80.8            | 28,120*         |
|               | 90                | 73.6           | 33,250*         | 76.2            | 30,210*         | 78.6            | 27,440*         |
|               | 100               | 71.4           | 32,450*         | 74.0            | 29,350*         | 76.4            | 26,780*         |
|               | 110               | 69.2           | 31,600*         | 71.7            | 28,580*         | 74.1            | 25,170*         |
|               | 120               | 66.9           | 30,710*         | 69.5            | 27,760*         | 71.8            | 23,840*         |
| 200' (61.0 m) | 130               | 64.6           | 29,660*         | 67.1            | 27,040*         | 69.4            | 22,620*         |
|               | 140               | 62.3           | 28,780*         | 64.8            | 26,390*         | 67.0            | 21,530*         |
|               | 150               | 59.9           | 28,020*         | 62.4            | 25,750*         | 64.6            | 20,590*         |
|               | 160               | 57.4           | 26,840          | 59.9            | 25,030*         | 62.1            | 19,660*         |
|               | 170               | 54.9           | 24,310          | 57.3            | 23,800*         | 59.5            | 18,900*         |
|               | 180               | 52.3           | 22,080          | 54.7            | 22,080          | 56.8            | 18,220*         |
|               | 190               | 49.5           | 20,090          | 51.9            | 20,090          | 54.0            | 17,600*         |
|               | 200               | 46.7           | 18,320          | 49.1            | 18,330          | 51.0            | 17,020*         |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 52                | 82.0           | 42,170*         | -               | -               | -               | -               |
|               | 60                | 80.3           | 36,440*         | -               | -               | -               | -               |
|               | 70                | 78.3           | 35,310*         | 80.8            | 31,800*         | -               | -               |
|               | 80                | 76.2           | 34,380*         | 78.8            | 31,060*         | 81.1            | 28,240*         |
|               | 90                | 74.2           | 33,470*         | 76.7            | 30,480*         | 79.0            | 27,550*         |
|               | 100               | 72.1           | 32,540*         | 74.5            | 29,540*         | 76.9            | 26,900*         |
|               | 110               | 69.9           | 31,720*         | 72.4            | 28,720*         | 74.7            | 25,680*         |
|               | 120               | 67.8           | 30,940*         | 70.2            | 27,960*         | 72.5            | 24,230*         |
| 210' (64.0 m) | 130               | 65.6           | 30,040*         | 68.0            | 27,330*         | 70.2            | 23,070*         |
|               | 140               | 63.3           | 29,160*         | 65.8            | 26,690*         | 67.9            | 21,940*         |
|               | 150               | 61.1           | 28,340*         | 63.5            | 26,050*         | 65.6            | 21,000*         |
|               | 160               | 58.7           | 26,320          | 61.1            | 25,520*         | 63.2            | 20,150*         |
|               | 170               | 56.3           | 23,780          | 58.7            | 23,790          | 60.7            | 19,290*         |
|               | 180               | 53.8           | 21,540          | 56.2            | 21,540          | 58.2            | 18,580*         |
|               | 190               | 51.3           | 19,560          | 53.6            | 19,560          | 55.6            | 17,970*         |
|               | 200               | 48.6           | 17,780          | 50.9            | 17,780          | 52.8            | 17,380*         |
|               | 210               | 45.8           | 16,180          | 48.1            | 16,190          | 49.9            | 16,200          |



195 klb + 64 klb CB

360°

ANSI B 30.5  
 DIN/ISO

75' (22.9 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 54                | 81.9           | 41,850*         | -               | -               | -               | -               |
|               | 60                | 80.7           | 36,400*         | -               | -               | -               | -               |
|               | 70                | 78.7           | 36,400*         | 81.1            | 31,850*         | -               | -               |
|               | 80                | 76.7           | 34,550*         | 79.1            | 31,120*         | 81.4            | 28,230*         |
|               | 90                | 74.7           | 33,680*         | 77.1            | 30,500*         | 79.4            | 27,650*         |
|               | 100               | 72.7           | 32,760*         | 75.1            | 29,710*         | 77.3            | 27,010*         |
|               | 110               | 70.6           | 31,950*         | 73.0            | 28,940*         | 75.2            | 26,100*         |
|               | 120               | 68.6           | 31,180*         | 70.9            | 28,170*         | 73.1            | 24,730*         |
| 220' (67.1 m) | 130               | 66.5           | 30,420*         | 68.8            | 27,530*         | 71.0            | 23,480*         |
|               | 140               | 64.3           | 29,500*         | 66.7            | 26,880*         | 68.8            | 22,350*         |
|               | 150               | 62.1           | 28,680          | 64.5            | 26,240*         | 66.5            | 21,410*         |
|               | 160               | 59.9           | 25,780          | 62.2            | 25,710*         | 64.3            | 20,550*         |
|               | 170               | 57.6           | 23,240          | 59.9            | 23,250          | 61.9            | 19,700*         |
|               | 180               | 55.3           | 21,010          | 57.5            | 21,010          | 59.5            | 19,020*         |
|               | 190               | 52.8           | 19,020          | 55.1            | 19,020          | 57.0            | 18,330*         |
|               | 200               | 50.3           | 17,250          | 52.5            | 17,250          | 54.4            | 17,260          |
|               | 210               | 47.7           | 15,650          | 49.9            | 15,650          | 51.7            | 15,660          |
|               | 220               | 45.0           | 14,200          | 47.1            | 14,210          | 48.9            | 14,220          |

|               |      |        |         |        |         |        |         |
|---------------|------|--------|---------|--------|---------|--------|---------|
|               | 55   | 81.9   | 41,460* | -      | -       | -      | -       |
|               | 60   | 81.0   | 36,350* | -      | -       | -      | -       |
|               | 70   | 79.1   | 36,350* | 81.4   | 31,700* | -      | -       |
|               | 80   | 77.2   | 34,540* | 79.5   | 31,100* | 81.7   | 28,290* |
|               | 90   | 75.2   | 33,730* | 77.6   | 30,480* | 79.8   | 27,710* |
|               | 100  | 73.3   | 32,830* | 75.6   | 29,860* | 77.8   | 27,090* |
|               | 110  | 71.3   | 32,060* | 73.6   | 29,200* | 75.8   | 26,500* |
|               | 120  | 69.3   | 31,290* | 71.6   | 28,440* | 73.7   | 25,120* |
| 230' (70.1 m) | 130  | 67.3   | 30,640* | 69.6   | 27,690* | 71.7   | 23,880* |
|               | 140  | 65.2   | 29,880* | 67.5   | 27,060* | 69.6   | 22,750* |
|               | 150  | 63.1   | 28,350  | 65.4   | 26,540* | 67.4   | 21,810* |
|               | 160  | 61.0   | 25,440  | 63.2   | 25,440  | 65.2   | 20,870* |
|               | 170  | 58.8   | 22,900  | 61.0   | 22,910  | 63.0   | 20,110* |
|               | 180  | 56.6   | 20,660  | 58.8   | 20,670  | 60.7   | 19,330* |
|               | 190  | 54.3   | 18,680  | 56.4   | 18,680  | 58.3   | 18,690* |
|               | 200  | 51.9   | 16,910  | 54.0   | 16,910  | 55.9   | 16,920  |
|               | 210  | 49.4   | 15,310  | 51.6   | 15,310  | 53.3   | 15,320  |
|               | 220  | 46.9   | 13,860  | 49.0   | 13,860  | 50.7   | 13,870  |
| 230           | 44.2 | 12,550 | 46.3    | 12,560 | 47.9    | 12,570 |         |

|               |      |        |         |        |         |        |         |
|---------------|------|--------|---------|--------|---------|--------|---------|
|               | 57   | 81.8   | 36,690* | -      | -       | -      | -       |
|               | 60   | 81.3   | 36,690* | -      | -       | -      | -       |
|               | 70   | 79.4   | 35,470* | 81.7   | 31,730* | -      | -       |
|               | 80   | 77.6   | 34,600* | 79.8   | 31,110* | 82.0   | 28,270* |
|               | 90   | 75.7   | 33,790* | 78.0   | 30,520* | 80.1   | 27,820* |
|               | 100  | 73.8   | 33,040* | 76.1   | 29,890* | 78.2   | 27,220* |
|               | 110  | 71.9   | 32,170* | 74.2   | 29,300* | 76.2   | 26,590* |
|               | 120  | 70.0   | 31,520* | 72.2   | 28,660* | 74.3   | 25,510* |
| 240' (73.2 m) | 130  | 68.0   | 30,870* | 70.3   | 27,900* | 72.3   | 24,270* |
|               | 140  | 66.1   | 30,230* | 68.3   | 27,260* | 70.3   | 23,140* |
|               | 150  | 64.0   | 27,830  | 66.2   | 26,730* | 68.2   | 22,120* |
|               | 160  | 62.0   | 24,920  | 64.2   | 24,930  | 66.1   | 21,280* |
|               | 170  | 59.9   | 22,390  | 62.1   | 22,390  | 64.0   | 20,420* |
|               | 180  | 57.8   | 20,140  | 59.9   | 20,150  | 61.8   | 19,740* |
|               | 190  | 55.6   | 18,160  | 57.7   | 18,160  | 59.5   | 18,170  |
|               | 200  | 53.3   | 16,380  | 55.4   | 16,380  | 57.2   | 16,390  |
|               | 210  | 51.0   | 14,780  | 53.1   | 14,790  | 54.8   | 14,800  |
|               | 220  | 48.6   | 13,340  | 50.6   | 13,340  | 52.3   | 13,350  |
| 230           | 46.0 | 12,030 | 48.1    | 12,030 | 49.7    | 12,050 |         |
| 240           | 43.4 | 10,830 | 45.4    | 10,840 | 47.0    | 10,850 |         |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 58                | 81.9           | 36,570*         | -               | -               | -               | -               |
|               | 60                | 81.5           | 36,570*         | -               | -               | -               | -               |
|               | 70                | 79.8           | 35,660*         | 82.0            | 31,770*         | -               | -               |
|               | 80                | 78.0           | 34,770*         | 80.2            | 31,240*         | -               | -               |
|               | 90                | 76.2           | 33,950*         | 78.4            | 30,660*         | 80.4            | 27,910*         |
|               | 100               | 74.3           | 33,180*         | 76.5            | 30,030*         | 78.6            | 27,220*         |
|               | 110               | 72.5           | 32,410*         | 74.7            | 29,520*         | 76.7            | 26,680*         |
|               | 120               | 70.6           | 31,760*         | 72.8            | 28,750*         | 74.8            | 25,820*         |
| 250' (76.2 m) | 130               | 68.8           | 30,990*         | 70.9            | 28,110*         | 72.9            | 24,660*         |
|               | 140               | 66.8           | 30,350*         | 69.0            | 27,460*         | 70.9            | 23,510*         |
|               | 150               | 64.9           | 27,280          | 67.0            | 26,930*         | 69.0            | 22,520*         |
|               | 160               | 62.9           | 24,390          | 65.0            | 24,390          | 66.9            | 21,590*         |
|               | 170               | 60.9           | 21,840          | 63.0            | 21,840          | 64.9            | 20,830*         |
|               | 180               | 58.9           | 19,590          | 61.0            | 19,600          | 62.8            | 19,610          |
|               | 190               | 56.8           | 17,610          | 58.8            | 17,610          | 60.6            | 17,620          |
|               | 200               | 54.6           | 15,830          | 56.7            | 15,830          | 58.4            | 15,840          |
|               | 210               | 52.4           | 14,220          | 54.4            | 14,230          | 56.2            | 14,240          |
|               | 220               | 50.1           | 12,780          | 52.1            | 12,790          | 53.8            | 12,800          |
| 230           | 47.7              | 11,480         | 49.7            | 11,480          | 51.4            | 11,490          |                 |
| 240           | 45.3              | 10,280         | 47.2            | 10,280          | 48.8            | 10,300          |                 |
| 250           | 42.7              | 9,180          | 44.6            | 9,190           | 46.2            | 9,200           |                 |

|               |      |       |         |       |         |       |         |
|---------------|------|-------|---------|-------|---------|-------|---------|
|               | 59   | 82.0  | 40,950* | -     | -       | -     | -       |
|               | 60   | 81.8  | 40,880* | -     | -       | -     | -       |
|               | 70   | 80.1  | 35,560* | -     | -       | -     | -       |
|               | 80   | 78.3  | 34,830* | 80.5  | 31,120* | -     | -       |
|               | 90   | 76.6  | 33,980* | 78.7  | 30,580* | 80.7  | 27,880* |
|               | 100  | 74.8  | 33,260* | 76.9  | 30,020* | 78.9  | 27,410* |
|               | 110  | 73.0  | 32,490* | 75.1  | 29,490* | 77.1  | 26,760* |
|               | 120  | 71.2  | 31,860* | 73.3  | 29,020* | 75.3  | 26,220* |
|               | 130  | 69.4  | 31,220* | 71.5  | 28,260* | 73.4  | 24,950* |
|               | 140  | 67.6  | 30,130  | 69.7  | 27,740* | 71.5  | 23,910* |
| 260' (79.2 m) | 150  | 65.7  | 26,770  | 67.8  | 26,770  | 69.6  | 22,870* |
|               | 160  | 63.8  | 23,860  | 65.9  | 23,860  | 67.7  | 21,930* |
|               | 170  | 61.9  | 21,310  | 63.9  | 21,320  | 65.7  | 21,150* |
|               | 180  | 59.9  | 19,080  | 61.9  | 19,080  | 63.7  | 19,090  |
|               | 190  | 57.9  | 17,080  | 59.9  | 17,090  | 61.7  | 17,100  |
|               | 200  | 55.8  | 15,300  | 57.8  | 15,300  | 59.6  | 15,310  |
|               | 210  | 53.7  | 13,690  | 55.7  | 13,700  | 57.4  | 13,710  |
|               | 220  | 51.5  | 12,250  | 53.5  | 12,260  | 55.2  | 12,270  |
|               | 230  | 49.3  | 10,940  | 51.2  | 10,950  | 52.9  | 10,960  |
|               | 240  | 47.0  | 9,750   | 48.9  | 9,750   | 50.5  | 9,760   |
| 250           | 44.6 | 8,650 | 46.4    | 8,660 | 48.0    | 8,670 |         |
| 260           | 42.0 | 7,650 | 43.9    | 7,650 | 45.3    | 7,660 |         |

|               |      |       |         |       |         |       |         |
|---------------|------|-------|---------|-------|---------|-------|---------|
|               | 61   | 81.9  | 40,500* | -     | -       | -     | -       |
|               | 70   | 80.4  | 35,600* | -     | -       | -     | -       |
|               | 80   | 78.7  | 34,750* | 80.7  | 31,080* | -     | -       |
|               | 90   | 77.0  | 34,000* | 79.0  | 30,600* | 81.0  | 27,750* |
|               | 100  | 75.3  | 33,230* | 77.3  | 30,120* | 79.3  | 27,390* |
|               | 110  | 73.5  | 32,600* | 75.6  | 29,510* | 77.5  | 26,940* |
|               | 120  | 71.8  | 31,970* | 73.8  | 29,110* | 75.7  | 26,410* |
|               | 130  | 70.0  | 31,190* | 72.1  | 28,470* | 73.9  | 25,340* |
|               | 140  | 68.3  | 29,600  | 70.3  | 27,830* | 72.1  | 24,200* |
|               | 150  | 66.5  | 26,240  | 68.5  | 26,250  | 70.3  | 23,180* |
| 270' (82.3 m) | 160  | 64.6  | 23,330  | 66.6  | 23,340  | 68.4  | 22,330* |
|               | 170  | 62.8  | 20,790  | 64.7  | 20,790  | 66.5  | 20,800  |
|               | 180  | 60.9  | 18,550  | 62.8  | 18,550  | 64.6  | 18,560  |
|               | 190  | 58.9  | 16,550  | 60.9  | 16,560  | 62.6  | 16,570  |
|               | 200  | 57.0  | 14,770  | 58.9  | 14,770  | 60.6  | 14,780  |
|               | 210  | 54.9  | 13,170  | 56.9  | 13,170  | 58.5  | 13,180  |
|               | 220  | 52.9  | 11,720  | 54.8  | 11,730  | 56.4  | 11,740  |
|               | 230  | 50.7  | 10,400  | 52.6  | 10,410  | 54.2  | 10,420  |
|               | 240  | 48.5  | 9,200   | 50.4  | 9,210   | 52.0  | 9,220   |
|               | 250  | 46.2  | 8,110   | 48.1  | 8,110   | 49.6  | 8,120   |
| 260           | 43.9 | 7,100 | 45.7    | 7,110 | 47.1    | 7,120 |         |
| 270           | 41.4 | 6,180 | 43.2    | 6,180 | 44.5    | 6,200 |         |

3

HC 275

25

## With 92HI Offset Tip Boom and 195,000 Pound Counterweight, #30 Jib

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

85' (25.9 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 56                | 81.9           | 29,950*         | -               | -               | -               | -               |
|               | 60                | 81.1           | 29,570*         | -               | -               | -               | -               |
|               | 70                | 79.2           | 28,600*         | 81.9            | 25,320*         | -               | -               |
|               | 80                | 77.3           | 27,700*         | 80.0            | 24,430*         | -               | -               |
|               | 90                | 75.4           | 26,890*         | 78.0            | 23,680*         | 80.6            | 21,040*         |
|               | 100               | 73.4           | 26,170*         | 76.1            | 22,920*         | 78.6            | 20,540*         |
|               | 110               | 71.5           | 25,200*         | 74.1            | 22,190*         | 76.5            | 20,040*         |
|               | 120               | 69.5           | 24,270*         | 72.1            | 21,590*         | 74.5            | 19,530*         |
| 220' (67.1 m) | 130               | 67.4           | 23,540*         | 70.0            | 20,990*         | 72.4            | 19,080*         |
|               | 140               | 65.4           | 22,740*         | 68.0            | 20,490*         | 70.3            | 18,700*         |
|               | 150               | 63.3           | 22,040*         | 65.9            | 19,900*         | 68.2            | 18,310*         |
|               | 160               | 61.1           | 21,380*         | 63.7            | 19,480*         | 66.0            | 17,860*         |
|               | 170               | 59.0           | 20,780*         | 61.5            | 19,040*         | 63.7            | 17,160*         |
|               | 180               | 56.7           | 20,190*         | 59.2            | 18,590*         | 61.4            | 16,500*         |
|               | 190               | 54.4           | 19,210*         | 56.9            | 18,210*         | 59.1            | 15,940*         |
|               | 200               | 52.0           | 17,430*         | 54.5            | 17,430*         | 56.6            | 15,370*         |
|               | 210               | 49.6           | 15,830*         | 52.0            | 15,830*         | 54.1            | 14,880*         |
|               | 220               | 47.0           | 14,390*         | 49.4            | 14,390*         | 51.4            | 14,410*         |

|               |      |         |         |         |         |         |         |
|---------------|------|---------|---------|---------|---------|---------|---------|
|               | 57   | 82.0    | 29,730* | -       | -       | -       | -       |
|               | 60   | 81.4    | 29,540* | -       | -       | -       | -       |
|               | 70   | 79.6    | 28,640* | -       | -       | -       | -       |
|               | 80   | 77.7    | 27,810* | 80.3    | 24,580* | -       | -       |
|               | 90   | 75.9    | 27,040* | 78.4    | 23,770* | 80.9    | 21,170* |
|               | 100  | 74.0    | 26,220* | 76.5    | 23,050* | 78.9    | 20,560* |
|               | 110  | 72.1    | 25,490* | 74.6    | 22,350* | 77.0    | 20,100* |
|               | 120  | 70.2    | 24,550* | 72.7    | 21,750* | 75.0    | 19,670* |
| 230' (70.1 m) | 130  | 68.2    | 23,740* | 70.7    | 21,140* | 73.0    | 19,240* |
|               | 140  | 66.2    | 22,990* | 68.7    | 20,640* | 71.0    | 18,830* |
|               | 150  | 64.2    | 22,290* | 66.7    | 20,130* | 69.0    | 18,450* |
|               | 160  | 62.2    | 21,690* | 64.6    | 19,620* | 66.9    | 18,070* |
|               | 170  | 60.1    | 21,010* | 62.5    | 19,200* | 64.7    | 17,530* |
|               | 180  | 57.9    | 20,510* | 60.4    | 18,790* | 62.5    | 16,860* |
|               | 190  | 55.7    | 18,860* | 58.1    | 18,420* | 60.3    | 16,240* |
|               | 200  | 53.5    | 17,080* | 55.9    | 17,080* | 57.9    | 15,670* |
|               | 210  | 51.1    | 15,480* | 53.5    | 15,490* | 55.5    | 15,170* |
|               | 220  | 48.7    | 14,050* | 51.1    | 14,050* | 53.0    | 14,060* |
| 230           | 46.2 | 12,730* | 48.5    | 12,730* | 50.4    | 12,750* |         |

|               |      |         |         |         |         |         |         |
|---------------|------|---------|---------|---------|---------|---------|---------|
|               | 59   | 81.9    | 29,690* | -       | -       | -       | -       |
|               | 60   | 81.7    | 29,570* | -       | -       | -       | -       |
|               | 70   | 79.9    | 28,760* | -       | -       | -       | -       |
|               | 80   | 78.1    | 27,870* | 80.6    | 24,670* | -       | -       |
|               | 90   | 76.3    | 27,090* | 78.8    | 23,930* | 81.2    | 21,170* |
|               | 100  | 74.5    | 26,380* | 77.0    | 23,190* | 79.3    | 20,690* |
|               | 110  | 72.6    | 25,690* | 75.1    | 22,570* | 77.4    | 20,160* |
|               | 120  | 70.8    | 24,850* | 73.2    | 21,900* | 75.5    | 19,730* |
| 240' (73.2 m) | 130  | 68.9    | 24,010* | 71.3    | 21,300* | 73.6    | 19,290* |
|               | 140  | 67.0    | 23,300* | 69.4    | 20,780* | 71.7    | 18,880* |
|               | 150  | 65.1    | 22,600* | 67.5    | 20,270* | 69.7    | 18,580* |
|               | 160  | 63.1    | 21,940* | 65.5    | 19,840* | 67.7    | 18,200* |
|               | 170  | 61.1    | 21,340* | 63.5    | 19,360* | 65.6    | 17,820* |
|               | 180  | 59.0    | 20,320* | 61.4    | 19,000* | 63.5    | 17,120* |
|               | 190  | 56.9    | 18,340* | 59.3    | 18,340* | 61.4    | 16,530* |
|               | 200  | 54.8    | 16,560* | 57.1    | 16,560* | 59.1    | 15,970* |
|               | 210  | 52.6    | 14,960* | 54.9    | 14,970* | 56.9    | 14,980* |
|               | 220  | 50.3    | 13,510* | 52.6    | 13,520* | 54.5    | 13,530* |
| 230           | 47.9 | 12,210* | 50.2    | 12,210* | 52.1    | 12,220* |         |
| 240           | 45.4 | 11,020* | 47.7    | 11,020* | 49.5    | 11,040* |         |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 60                | 81.9           | 29,610*         | -               | -               | -               | -               |
|               | 70                | 80.2           | 28,870*         | -               | -               | -               | -               |
|               | 80                | 78.5           | 28,010*         | 80.9            | 24,860*         | -               | -               |
|               | 90                | 76.7           | 27,270*         | 79.1            | 24,060*         | 81.4            | 21,250*         |
|               | 100               | 75.0           | 26,540*         | 77.4            | 23,360*         | 79.6            | 20,710*         |
|               | 110               | 73.2           | 25,880*         | 75.6            | 22,640*         | 77.8            | 20,300*         |
|               | 120               | 71.4           | 25,130*         | 73.8            | 22,030*         | 76.0            | 19,780*         |
|               | 130               | 69.6           | 24,310*         | 71.9            | 21,520*         | 74.1            | 19,380*         |
| 250' (76.2 m) | 140               | 67.7           | 23,500*         | 70.1            | 20,930*         | 72.3            | 19,010*         |
|               | 150               | 65.9           | 22,860*         | 68.2            | 20,420*         | 70.3            | 18,630*         |
|               | 160               | 64.0           | 22,160*         | 66.3            | 20,000*         | 68.4            | 18,330*         |
|               | 170               | 62.0           | 21,560*         | 64.3            | 19,500*         | 66.4            | 18,030*         |
|               | 180               | 60.1           | 19,790*         | 62.4            | 19,160*         | 64.4            | 17,410*         |
|               | 190               | 58.0           | 17,790*         | 60.3            | 17,800*         | 62.4            | 16,820*         |
|               | 200               | 56.0           | 16,010*         | 58.3            | 16,010*         | 60.2            | 16,020*         |
|               | 210               | 53.9           | 14,410*         | 56.1            | 14,420*         | 58.1            | 14,430*         |
|               | 220               | 51.7           | 12,960*         | 53.9            | 12,970*         | 55.8            | 12,980*         |
|               | 230               | 49.5           | 11,650*         | 51.7            | 11,660*         | 53.5            | 11,670*         |
| 240           | 47.1              | 10,460*        | 49.3            | 10,460*         | 51.1            | 10,470*         |                 |
| 250           | 44.7              | 9,370*         | 46.9            | 9,380*          | 48.6            | 9,390*          |                 |

|               |      |        |         |        |         |        |         |
|---------------|------|--------|---------|--------|---------|--------|---------|
|               | 62   | 81.8   | 29,520* | -      | -       | -      | -       |
|               | 70   | 80.5   | 28,860* | -      | -       | -      | -       |
|               | 80   | 78.8   | 28,160* | 81.2   | 24,880* | -      | -       |
|               | 90   | 77.1   | 27,400* | 79.5   | 24,200* | 81.7   | 21,320* |
|               | 100  | 75.4   | 26,610* | 77.7   | 23,440* | 80.0   | 20,790* |
|               | 110  | 73.7   | 25,960* | 76.0   | 22,800* | 78.2   | 20,370* |
|               | 120  | 71.9   | 25,320* | 74.3   | 22,190* | 76.4   | 19,860* |
|               | 130  | 70.2   | 24,490* | 72.5   | 21,590* | 74.6   | 19,520* |
|               | 140  | 68.4   | 23,770* | 70.7   | 21,080* | 72.8   | 19,090* |
|               | 150  | 66.6   | 23,060* | 68.9   | 20,570* | 71.0   | 18,760* |
| 260' (79.2 m) | 160  | 64.8   | 22,410* | 67.0   | 20,150* | 69.1   | 18,380* |
|               | 170  | 62.9   | 21,500* | 65.2   | 19,720* | 67.2   | 18,080* |
|               | 180  | 61.0   | 19,260* | 63.3   | 19,260* | 65.3   | 17,700* |
|               | 190  | 59.1   | 17,260* | 61.3   | 17,270* | 63.3   | 17,080* |
|               | 200  | 57.1   | 15,490* | 59.3   | 15,490* | 61.3   | 15,510* |
|               | 210  | 55.1   | 13,890* | 57.3   | 13,890* | 59.2   | 13,900* |
|               | 220  | 53.0   | 12,430* | 55.2   | 12,440* | 57.1   | 12,450* |
|               | 230  | 50.9   | 11,120* | 53.0   | 11,130* | 54.9   | 11,140* |
|               | 240  | 48.7   | 9,920*  | 50.8   | 9,930*  | 52.6   | 9,940*  |
|               | 250  | 46.4   | 8,840*  | 48.5   | 8,840*  | 50.2   | 8,850*  |
| 260           | 44.0 | 7,830* | 46.1    | 7,840* | 47.8    | 7,850* |         |

|               |      |        |         |        |         |        |         |
|---------------|------|--------|---------|--------|---------|--------|---------|
|               | 63   | 81.9   | 29,470* | -      | -       | -      | -       |
|               | 70   | 80.8   | 28,890* | -      | -       | -      | -       |
|               | 80   | 79.1   | 28,100* | 81.4   | 24,780* | -      | -       |
|               | 90   | 77.5   | 27,400* | 79.8   | 24,230* | 81.9   | 21,340* |
|               | 100  | 75.8   | 26,690* | 78.1   | 23,620* | 80.2   | 20,850* |
|               | 110  | 74.2   | 26,050* | 76.4   | 22,910* | 78.5   | 20,430* |
|               | 120  | 72.5   | 25,500* | 74.7   | 22,350* | 76.8   | 20,010* |
|               | 130  | 70.8   | 24,780* | 73.0   | 21,750* | 75.1   | 19,580* |
|               | 140  | 69.0   | 24,060* | 71.3   | 21,230* | 73.3   | 19,150* |
|               | 150  | 67.3   | 23,330* | 69.5   | 20,720* | 71.6   | 18,810* |
| 270' (82.3 m) | 160  | 65.5   | 22,720* | 67.7   | 20,290* | 69.8   | 18,510* |
|               | 170  | 63.7   | 20,980* | 65.9   | 19,880* | 67.9   | 18,210* |
|               | 180  | 61.9   | 18,730* | 64.1   | 18,740* | 66.1   | 17,920* |
|               | 190  | 60.0   | 16,740* | 62.2   | 16,740* | 64.2   | 16,750* |
|               | 200  | 58.2   | 14,950* | 60.3   | 14,960* | 62.2   | 14,970* |
|               | 210  | 56.2   | 13,360* | 58.4   | 13,360* | 60.2   | 13,370* |
|               | 220  | 54.2   | 11,900* | 56.4   | 11,910* | 58.2   | 11,920* |
|               | 230  | 52.2   | 10,590* | 54.3   | 10,600* | 56.1   | 10,610* |
|               | 240  | 50.1   | 9,390*  | 52.2   | 9,400*  | 53.9   | 9,410*  |
|               | 250  | 47.9   | 8,290*  | 50.0   | 8,300*  | 51.7   | 8,310*  |
| 260           | 45.7 | 7,290* | 47.7    | 7,290* | 49.4    | 7,310* |         |
| 270           | 43.3 | 6,360* | 45.3    | 6,370* | 47.0    | 6,380* |         |

195 klb + 64 klb CB

360°

ANSI B 30.5  
 DIN/ISO

95' (29.0 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 61                | 81.9           | 24,720*         | -               | -               | -               | -               |
|               | 70                | 80.4           | 23,920*         | -               | -               | -               | -               |
|               | 80                | 78.6           | 23,200*         | 81.3            | 19,790*         | -               | -               |
|               | 90                | 76.9           | 22,440*         | 79.6            | 19,150*         | -               | -               |
|               | 100               | 75.1           | 21,540*         | 77.8            | 18,480*         | 80.4            | 16,260*         |
|               | 110               | 73.3           | 20,730*         | 76.0            | 17,880*         | 78.5            | 15,830*         |
|               | 120               | 71.5           | 19,960*         | 74.2            | 17,330*         | 76.7            | 15,450*         |
|               | 130               | 69.7           | 19,250*         | 72.4            | 16,880*         | 74.8            | 15,060*         |
| 240' (73.2 m) | 140               | 67.9           | 18,600*         | 70.5            | 16,360*         | 73.0            | 14,690*         |
|               | 150               | 66.0           | 17,990*         | 68.6            | 15,910*         | 71.1            | 14,380*         |
|               | 160               | 64.1           | 17,370*         | 66.7            | 15,540*         | 69.1            | 14,120*         |
|               | 170               | 62.2           | 16,850*         | 64.8            | 15,160*         | 67.1            | 13,810*         |
|               | 180               | 60.2           | 16,400*         | 62.8            | 14,790*         | 65.1            | 13,540*         |
|               | 190               | 58.2           | 15,910*         | 60.8            | 14,420*         | 63.0            | 13,330*         |
|               | 200               | 56.1           | 15,460*         | 58.7            | 14,110*         | 60.9            | 13,120*         |
|               | 210               | 54.0           | 15,070          | 56.5            | 13,860*         | 58.8            | 12,920*         |
|               | 220               | 51.8           | 13,630          | 54.4            | 13,540*         | 56.5            | 12,710*         |
|               | 230               | 49.6           | 12,320          | 52.1            | 12,330          | 54.2            | 12,340          |
| 240           | 47.3              | 11,130         | 49.7            | 11,130          | 51.8            | 11,150          |                 |

|               |      |        |         |        |         |        |         |
|---------------|------|--------|---------|--------|---------|--------|---------|
|               | 62   | 82.0   | 24,650* | -      | -       | -      | -       |
|               | 70   | 80.6   | 24,100* | -      | -       | -      | -       |
|               | 80   | 79.0   | 23,360* | 81.6   | 19,870* | -      | -       |
|               | 90   | 77.3   | 22,650* | 79.9   | 19,220* | -      | -       |
|               | 100  | 75.6   | 21,740* | 78.2   | 18,630* | 80.7   | 16,290* |
|               | 110  | 73.8   | 20,960* | 76.4   | 18,010* | 78.9   | 15,860* |
|               | 120  | 72.1   | 20,190* | 74.7   | 17,480* | 77.1   | 15,480* |
|               | 130  | 70.3   | 19,420* | 72.9   | 17,000* | 75.3   | 15,100* |
| 250' (76.2 m) | 140  | 68.5   | 18,810* | 71.1   | 16,540* | 73.5   | 14,790* |
|               | 150  | 66.7   | 18,190* | 69.3   | 16,090* | 71.7   | 14,480* |
|               | 160  | 64.9   | 17,590* | 67.5   | 15,650* | 69.8   | 14,160* |
|               | 170  | 63.0   | 17,070* | 65.6   | 15,270* | 67.9   | 13,900* |
|               | 180  | 61.2   | 16,580* | 63.7   | 14,890* | 65.9   | 13,620* |
|               | 190  | 59.2   | 16,140* | 61.7   | 14,580* | 64.0   | 13,420* |
|               | 200  | 57.2   | 15,690* | 59.7   | 14,260* | 61.9   | 13,200* |
|               | 210  | 55.2   | 14,530  | 57.7   | 13,940* | 59.9   | 13,000* |
|               | 220  | 53.2   | 13,080  | 55.6   | 13,090  | 57.7   | 12,790* |
|               | 230  | 51.0   | 11,770  | 53.4   | 11,780  | 55.5   | 11,790  |
| 240           | 48.8 | 10,570 | 51.2    | 10,580 | 53.2    | 10,590 |         |
| 250           | 46.5 | 9,480  | 48.9    | 9,480  | 50.9    | 9,500  |         |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 64                | 81.9           | 24,540*         | -               | -               | -               | -               |
|               | 70                | 80.9           | 24,100*         | -               | -               | -               | -               |
|               | 80                | 79.3           | 23,430*         | 81.8            | 19,960*         | -               | -               |
|               | 90                | 77.6           | 22,670*         | 80.2            | 19,300*         | -               | -               |
|               | 100               | 76.0           | 21,960*         | 78.5            | 18,680*         | 80.9            | 16,360*         |
|               | 110               | 74.3           | 21,110*         | 76.8            | 18,140*         | 79.2            | 15,970*         |
|               | 120               | 72.6           | 20,340*         | 75.1            | 17,600*         | 77.5            | 15,590*         |
|               | 130               | 70.9           | 19,650*         | 73.4            | 17,070*         | 75.8            | 15,210*         |
| 260' (79.2 m) | 140               | 69.2           | 18,970*         | 71.7            | 16,620*         | 74.0            | 14,830*         |
|               | 150               | 67.4           | 18,410*         | 69.9            | 16,200*         | 72.2            | 14,570*         |
|               | 160               | 65.7           | 17,800*         | 68.1            | 15,750*         | 70.4            | 14,250*         |
|               | 170               | 63.9           | 17,260*         | 66.3            | 15,370*         | 68.6            | 13,960*         |
|               | 180               | 62.0           | 16,810*         | 64.5            | 15,050*         | 66.7            | 13,710*         |
|               | 190               | 60.2           | 16,360*         | 62.6            | 14,690*         | 64.8            | 13,500*         |
|               | 200               | 58.3           | 15,600          | 60.7            | 14,380*         | 62.9            | 13,230*         |
|               | 210               | 56.4           | 14,000          | 58.8            | 14,000          | 60.9            | 13,030*         |
|               | 220               | 54.4           | 12,550          | 56.8            | 12,560          | 58.8            | 12,570          |
|               | 230               | 52.3           | 11,240          | 54.7            | 11,250          | 56.7            | 11,260          |
| 240           | 50.2              | 10,040         | 52.6            | 10,050          | 54.6            | 10,060          |                 |
| 250           | 48.1              | 8,940          | 50.4            | 8,950           | 52.3            | 8,960           |                 |
| 260           | 45.8              | 7,950          | 48.1            | 7,950           | 50.0            | 7,970           |                 |

|               |      |       |         |       |         |       |         |
|---------------|------|-------|---------|-------|---------|-------|---------|
|               | 65   | 82.0  | 24,540* | -     | -       | -     | -       |
|               | 70   | 81.2  | 24,190* | -     | -       | -     | -       |
|               | 80   | 79.6  | 23,490* | -     | -       | -     | -       |
|               | 90   | 78.0  | 22,780* | 80.5  | 19,370* | -     | -       |
|               | 100  | 76.4  | 22,120* | 78.8  | 18,820* | 81.2  | 16,400* |
|               | 110  | 74.7  | 21,260* | 77.2  | 18,200* | 79.5  | 16,020* |
|               | 120  | 73.1  | 20,570* | 75.6  | 17,730* | 77.9  | 15,630* |
|               | 130  | 71.4  | 19,890* | 73.9  | 17,200* | 76.2  | 15,250* |
| 270' (82.3 m) | 140  | 69.8  | 19,190* | 72.2  | 16,740* | 74.5  | 14,930* |
|               | 150  | 68.1  | 18,620* | 70.5  | 16,290* | 72.8  | 14,610* |
|               | 160  | 66.4  | 18,000* | 68.8  | 15,910* | 71.0  | 14,310* |
|               | 170  | 64.6  | 17,470* | 67.0  | 15,540* | 69.2  | 14,060* |
|               | 180  | 62.9  | 16,990* | 65.3  | 15,160* | 67.4  | 13,800* |
|               | 190  | 61.1  | 16,540* | 63.5  | 14,850* | 65.6  | 13,580* |
|               | 200  | 59.3  | 15,070  | 61.6  | 14,540* | 63.7  | 13,320* |
|               | 210  | 57.4  | 13,470  | 59.8  | 13,470  | 61.8  | 13,110* |
|               | 220  | 55.5  | 12,020  | 57.8  | 12,030  | 59.9  | 12,040  |
|               | 230  | 53.5  | 10,710  | 55.9  | 10,720  | 57.9  | 10,730  |
| 240           | 51.5 | 9,510 | 53.8    | 9,520 | 55.8    | 9,530 |         |
| 250           | 49.5 | 8,410 | 51.8    | 8,420 | 53.7    | 8,430 |         |
| 260           | 47.3 | 7,400 | 49.6    | 7,410 | 51.5    | 7,420 |         |
| 270           | 45.1 | 6,480 | 47.4    | 6,480 | 49.2    | 6,500 |         |

3



## Notes to lifting capacity

### ⚠ Warning

This rating chart is invalid if the crane has been modified or altered by use of other than GENUINE AMERICAN PARTS as such modifications or alterations may affect its capacity or safe operation. See American Crane Corporation Service Bulletin #259.

Ratings in this chart are in POUNDS and do not exceed the percentage of tipping specified for this crane by ANSI B30.5. All ratings require that the crane be standing level on a firm uniformly supporting surface.

Do not lift loads in excess of those shown on this chart. Lifting loads in excess of those shown or operation not in accordance with good operating practice, including limitations shown on page 3499 of Operator's Manual, can cause tipping, structural damage or catastrophic failure.

Asterisk (\*) areas on this chart indicate ratings which are limited by strength of material or factors other than stability (tipping).

„RADIUS IN FEET“ is the horizontal distance at ground level from the crane centerline of rotation to a vertical line through the center of gravity of the suspended load.

When using the main boom fall with jib in place, the main fall ratings must be reduced by the jib effective weight shown on the jib rating chart plus twice the weight of all suspended blocks, slings, rope, etc., at the jib fall. See Appendix A.

Blocks, slings, buckets and other load carrying devices are considered part of the load. The weight of standard hoisting ropes for the rating at a given radius has been calculated as part of the boom point load and need not be considered in determining net allowable loads. See Appendix A.

Ratings shown on this chart make no allowance for such factors as out of plumb loads, wind, poor soil conditions and dynamic effects due to excessive operating speeds. The user (operator) must exercise judgement to make allowance for these conditions. See page 3499 of Operator's Manual for detailed information.

No account is taken of the wind force on the load. This effect, which can be substantial for loads with large surface areas, must be considered by the user. In any wind it is strongly recommended that taglines be used to control the load.

Combinations of boom or boom and jib with a total length exceeding 350 ft (107 m) can be operated at full rated capacity only in wind speeds of 15 mph (24 km/h) or less. If lifts are to be performed in winds between 15 mph (24 km/h) and 25 mph (40 km/h), ratings must be reduced 10%. No operation of the above combinations should be attempted in wind speeds over 40 km/h (25 mph). The above limitations do not take into account loads with excessive surface area which are not restrained by tag lines.

BOOM HOIST LINE is 18 parts of 7/8 inch diameter 6 x 26, WS, FW, RAL, IWRC, EIPS wire rope with a minimum breaking strength of 79,600 pounds.

BOOM PENDANT SUSPENSION is 4 parts of 1-3/8 inch diameter EEIPS wire rope with a minimum breaking strength of 211,000 pounds.

JIB BACKSTAY LINE is 1.0 inch diameter wire rope with a minimum breaking strength of 115,000 pounds.

JIB FRONTSTAY PENDANT SUSPENSION is 2 parts of 1.0 inch diameter wire rope with a minimum breaking strength of 115,000 pounds.

WHIPLINE is 1-1/8 inch diameter 6 x 25, FW, RRL, IWRC, EEIPS wire rope with a minimum breaking strength of 143,000 pounds.

### ERECTION

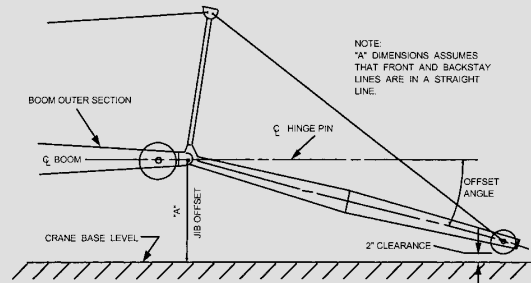
Erection „BLOCKED OVER THE END“ is with the boom over the idler end with idler tumblers blocked (See operator's manual for blocking instructions). Erection „OVER THE SIDE“ is with the boom 90° to the side frames. Blocks, slings and other load carrying devices must be on the ground during erection.

| LOAD HOISTING INFORMATION - 1-1/8 inch diameter EEIPS wire rope |                       |                                  |           |
|---|-----------------------|----------------------------------|-----------|
| MAXIMUM LIFTING CAPACITY - LBS.                                 | MINIMUM PARTS OF LINE | MAXIMUM HOISTING DISTANCE - FEET |           |
|   |                       | MAIN HOIST                       | AUX HOIST |
| 60,000  | 2                     | 655                              | 655       |
| 40,850  | 1                     | 1,310                            | 1,310     |

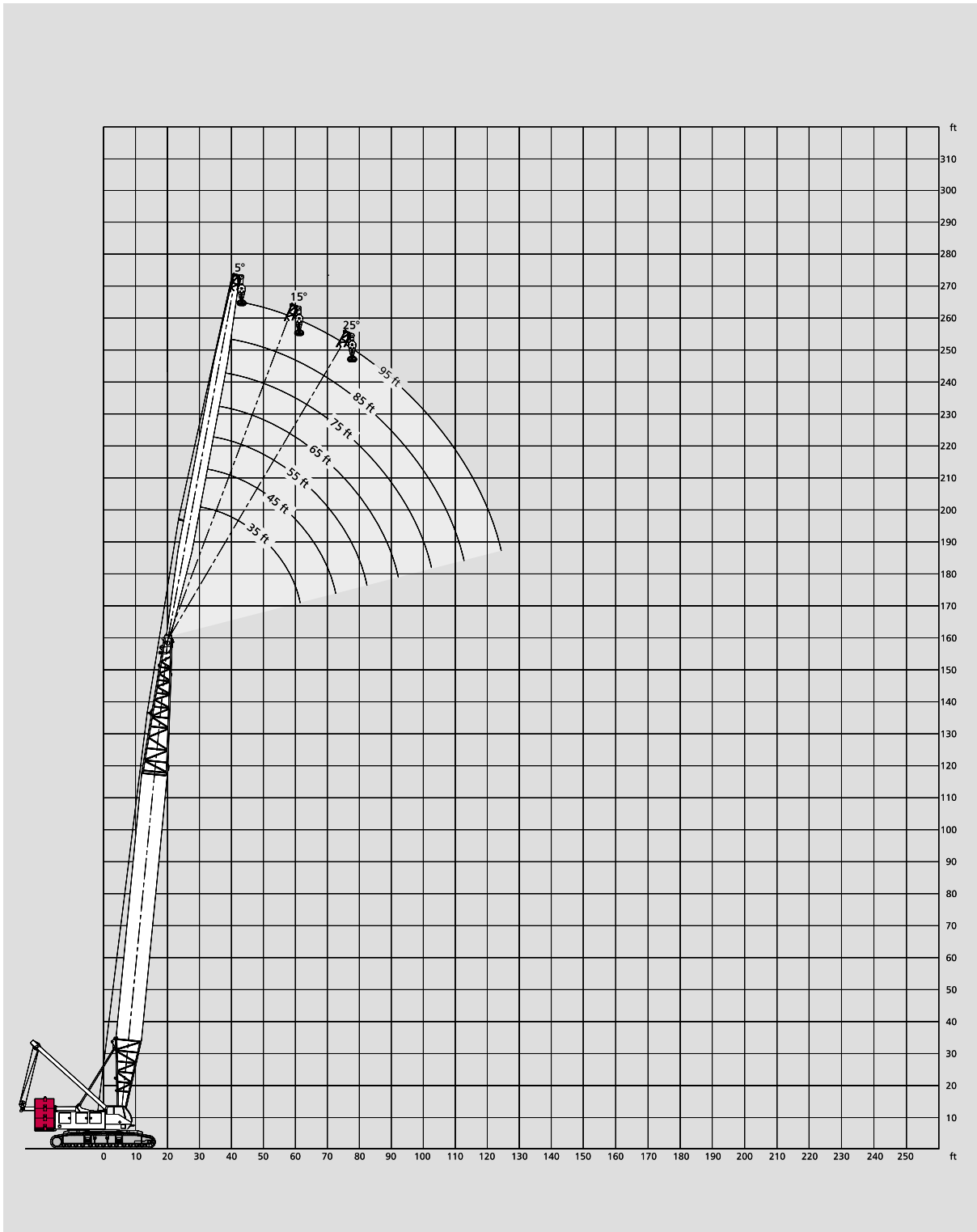
| 92HI OFFSET TIP BOOM<br>MAXIMUM BOOM & JIB SELF-ERECTION DATA |                    |                |
|---|--------------------|----------------|
|   | BOOM LENGTH (FEET) | JIB LENGTH     |
|   |                    | #30 JIB (FEET) |
| BLOCKED OVER THE END  | 300                | 0              |
|   | 290                | 0              |
|   | 280                | 65             |
|   | 270                | 95             |
| OVER THE SIDE   | 280                | 0              |
|   | 270                | 0              |
|   | 260                | 35             |
|   | 250                | 65             |
|   | 240                | 95             |

| BOOM LENGTH (FEET) | BOOM COMPOSITION CHART - 92HI OFFSET TIP |                 |                 |                 |                 |               |
|--------------------|--|-----------------|-----------------|-----------------|-----------------|---------------|
|                    | BOOM SECTIONS                            |                 |                 |                 |                 |               |
|                    | 25' 92HI INNER                           | 15' 92HT CENTER | 20' 92HT CENTER | 10' 92ST CENTER | 50' 92ST CENTER | 40' 92H OUTER |
| 90                 | 1  | 1               | 0               | 1               | 0               | 1             |
| 100                | 1  | 1               | 1               | 0               | 0               | 1             |
| 110                | 1  | 1               | 1               | 1               | 0               | 1             |
| 120                | 1  | 1               | 1               | 2               | 0               | 1             |
| 130                | 1  | 1               | 0               | 0               | 1               | 1             |
| 140                | 1  | 1               | 0               | 1               | 1               | 1             |
| 150                | 1  | 1               | 1               | 0               | 1               | 1             |
| 160                | 1  | 1               | 1               | 1               | 1               | 1             |
| 170                | 1  | 1               | 1               | 2               | 1               | 1             |
| 180                | 1  | 1               | 0               | 0               | 2               | 1             |
| 190                | 1  | 1               | 0               | 1               | 2               | 1             |
| 200                | 1  | 1               | 1               | 0               | 2               | 1             |
| 210                | 1  | 1               | 1               | 1               | 2               | 1             |
| 220                | 1  | 1               | 1               | 2               | 2               | 1             |
| 230                | 1  | 1               | 0               | 0               | 3               | 1             |
| 240                | 1  | 1               | 0               | 1               | 3               | 1             |
| 250                | 1  | 1               | 1               | 0               | 3               | 1             |
| 260                | 1  | 1               | 1               | 1               | 3               | 1             |
| 270                | 1  | 1               | 1               | 2               | 3               | 1             |
| 280                | 1  | 1               | 0               | 0               | 4               | 1             |

| JIB LENGTH (FEET) | #30 JIB COMPOSITION CHART |        |        |          |                          |                        |      |      |
|-------------------|---------------------------|--------|--------|----------|--------------------------|------------------------|------|------|
|                   | 12.5' 32                  | 10' 32 | 30' 32 | 12.5' 32 | EFF. JIB WEIGHT (POUNDS) | JIB OFFSET "A" IN FEET |      |      |
|                   | INNER                     | CENTER | CENTER | OUTER    |                          | 5'                     | 16'  | 25'  |
| 35                | 1                         | 1      | 0      | 1        | 5,430                    | 4.7                    | 9.1  | 13.4 |
| 45                | 1                         | 2      | 0      | 1        | 6,020                    | 5.4                    | 11.0 | 16.6 |
| 55                | 1                         | 0      | 1      | 1        | 6,360                    | 6.0                    | 12.9 | 19.6 |
| 65                | 1                         | 1      | 1      | 1        | 6,900                    | 6.6                    | 14.8 | 22.8 |
| 75                | 1                         | 2      | 1      | 1        | 7,460                    | 7.3                    | 16.6 | 25.8 |
| 85                | 1                         | 0      | 2      | 1        | 7,750                    | 7.9                    | 18.5 | 29.0 |
| 95                | 1                         | 1      | 2      | 1        | 8,440                    | 8.5                    | 20.3 | 31.9 |



## Range Diagram, 16HL Jib



HC 275



## With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB

360°

ANSI B 30.5  
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40' (12.2 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 28                | 82.0           | 32,000*         | -               | -               | -               | -               |
|               | 30                | 81.2           | 32,000*         | -               | -               | -               | -               |
|               | 35                | 79.1           | 32,000*         | 81.8            | 32,000*         | -               | -               |
|               | 40                | 77.0           | 32,000*         | 79.7            | 32,000*         | -               | -               |
| 100' (30.5 m) | 50                | 72.8           | 32,000*         | 75.5            | 32,000*         | 78.0            | 30,670*         |
|               | 60                | 68.5           | 32,000*         | 71.2            | 32,000*         | 73.6            | 27,430*         |
|               | 70                | 64.0           | 32,000*         | 66.7            | 32,000*         | 69.1            | 24,910*         |
|               | 80                | 59.4           | 32,000*         | 62.0            | 29,470*         | 64.3            | 22,820*         |
|               | 90                | 54.5           | 31,700*         | 57.0            | 26,670*         | 59.3            | 21,190*         |
|               | 100               | 49.3           | 28,690*         | 51.8            | 24,440*         | 53.9            | 19,820*         |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 30  | 81.8 | 32,000* | -    | -       | -    | -       |
|               | 35  | 79.8 | 32,000* | -    | -       | -    | -       |
|               | 40  | 77.9 | 32,000* | 80.4 | 32,000* | -    | -       |
|               | 50  | 74.0 | 32,000* | 76.5 | 32,000* | 78.9 | 31,340* |
| 110' (33.5 m) | 60  | 70.0 | 32,000* | 72.5 | 32,000* | 74.8 | 28,110* |
|               | 70  | 65.9 | 32,000* | 68.3 | 32,000* | 70.6 | 25,570* |
|               | 80  | 61.6 | 32,000* | 64.1 | 30,800* | 66.2 | 23,580* |
|               | 90  | 57.2 | 32,000* | 59.6 | 27,890* | 61.7 | 21,870* |
|               | 100 | 52.5 | 30,320* | 54.8 | 25,620* | 56.9 | 20,550* |
|               | 110 | 47.5 | 27,820* | 49.8 | 23,760* | 51.7 | 19,370* |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 31  | 81.9 | 32,000* | -    | -       | -    | -       |
|               | 35  | 80.5 | 32,000* | -    | -       | -    | -       |
|               | 40  | 78.7 | 32,000* | 81.0 | 32,000* | -    | -       |
|               | 50  | 75.0 | 32,000* | 77.4 | 32,000* | 79.6 | 31,870* |
| 120' (36.6 m) | 60  | 71.3 | 32,000* | 73.6 | 32,000* | 75.8 | 28,830* |
|               | 70  | 67.5 | 32,000* | 69.8 | 32,000* | 71.9 | 26,330* |
|               | 80  | 63.6 | 32,000* | 65.8 | 32,000* | 67.9 | 24,280* |
|               | 90  | 59.5 | 32,000* | 61.7 | 29,170* | 63.7 | 22,510* |
|               | 100 | 55.2 | 32,000* | 57.4 | 26,840* | 59.4 | 21,180* |
|               | 110 | 50.7 | 29,310* | 52.9 | 24,830* | 54.7 | 19,940* |
|               | 120 | 45.9 | 27,090* | 48.0 | 23,210* | 49.7 | 18,970* |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 33  | 81.7 | 32,000* | -    | -       | -    | -       |
|               | 35  | 81.0 | 32,000* | -    | -       | -    | -       |
|               | 40  | 79.3 | 32,000* | 81.6 | 32,000* | -    | -       |
|               | 50  | 75.9 | 32,000* | 78.1 | 32,000* | 80.2 | 32,000* |
| 130' (39.6 m) | 60  | 72.4 | 32,000* | 74.6 | 32,000* | 76.7 | 29,380* |
|               | 70  | 68.9 | 32,000* | 71.0 | 32,000* | 73.1 | 26,940* |
|               | 80  | 65.2 | 32,000* | 67.4 | 32,000* | 69.3 | 24,910* |
|               | 90  | 61.4 | 32,000* | 63.6 | 30,420* | 65.5 | 23,180* |
|               | 100 | 57.5 | 32,000* | 59.6 | 27,890* | 61.5 | 21,730* |
|               | 110 | 53.4 | 30,920* | 55.5 | 25,900* | 57.3 | 20,510* |
|               | 120 | 49.1 | 28,400* | 51.1 | 24,090* | 52.8 | 19,550* |
|               | 130 | 44.4 | 26,400* | 46.4 | 22,670* | 48.0 | 18,690* |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 34  | 81.8 | 32,000* | -    | -       | -    | -       |
|               | 35  | 81.5 | 32,000* | -    | -       | -    | -       |
|               | 40  | 79.9 | 32,000* | -    | -       | -    | -       |
|               | 50  | 76.7 | 32,000* | 78.8 | 32,000* | 80.8 | 32,000* |
|               | 60  | 73.4 | 32,000* | 75.5 | 32,000* | 77.5 | 29,930* |
|               | 70  | 70.1 | 32,000* | 72.2 | 32,000* | 74.1 | 27,510* |
| 140' (42.7 m) | 80  | 66.7 | 32,000* | 68.7 | 32,000* | 70.6 | 25,480* |
|               | 90  | 63.2 | 32,000* | 65.2 | 31,530* | 67.0 | 23,770* |
|               | 100 | 59.5 | 32,000* | 61.5 | 28,920* | 63.3 | 22,360* |
|               | 110 | 55.8 | 32,000* | 57.7 | 26,840* | 59.4 | 21,100* |
|               | 120 | 51.8 | 29,900* | 53.7 | 25,050* | 55.4 | 20,060* |
|               | 130 | 47.6 | 27,730* | 49.5 | 23,540* | 51.1 | 19,140* |
|               | 140 | 43.1 | 25,860* | 44.9 | 22,270* | 46.4 | 18,380* |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 35                | 82.0           | 32,000*         | -               | -               | -               | -               |
|               | 40                | 80.5           | 32,000*         | -               | -               | -               | -               |
|               | 50                | 77.4           | 32,000*         | 79.4            | 32,000*         | 81.3            | 32,000*         |
|               | 60                | 74.3           | 32,000*         | 76.3            | 32,000*         | 78.1            | 30,460*         |
|               | 70                | 71.2           | 32,000*         | 73.1            | 32,000*         | 74.9            | 28,070*         |
|               | 80                | 68.0           | 32,000*         | 69.9            | 32,000*         | 71.7            | 26,030*         |
| 150' (45.7 m) | 90                | 64.7           | 32,000*         | 66.6            | 32,000*         | 68.3            | 24,300*         |
|               | 100               | 61.3           | 32,000*         | 63.2            | 30,030*         | 64.9            | 22,810*         |
|               | 110               | 57.8           | 32,000*         | 59.7            | 27,810*         | 61.3            | 21,610*         |
|               | 120               | 54.1           | 31,290*         | 56.0            | 25,990*         | 57.6            | 20,530*         |
|               | 130               | 50.3           | 29,020*         | 52.1            | 24,460*         | 53.7            | 19,620*         |
|               | 140               | 46.2           | 27,050*         | 48.0            | 23,100*         | 49.5            | 18,880*         |
|               | 150               | 41.9           | 25,430*         | 43.6            | 21,930*         | 44.9            | 18,220*         |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 37  | 81.8 | 32,000* | -    | -       | -    | -       |
|               | 40  | 80.9 | 32,000* | -    | -       | -    | -       |
|               | 50  | 78.0 | 32,000* | 79.9 | 32,000* | 81.7 | 32,000* |
|               | 60  | 75.1 | 32,000* | 77.0 | 32,000* | 78.8 | 31,030* |
|               | 70  | 72.1 | 32,000* | 74.0 | 32,000* | 75.7 | 28,620* |
|               | 80  | 69.1 | 32,000* | 71.0 | 32,000* | 72.7 | 26,540* |
| 160' (48.8 m) | 90  | 66.0 | 32,000* | 67.9 | 32,000* | 69.5 | 24,790* |
|               | 100 | 62.9 | 32,000* | 64.7 | 31,040* | 66.3 | 23,340* |
|               | 110 | 59.6 | 32,000* | 61.4 | 28,840* | 63.0 | 22,150* |
|               | 120 | 56.2 | 32,000* | 58.0 | 26,860* | 59.5 | 21,030* |
|               | 130 | 52.7 | 30,320* | 54.4 | 25,290* | 55.9 | 20,090* |
|               | 140 | 48.9 | 28,300* | 50.7 | 23,910* | 52.1 | 19,270* |
|               | 150 | 45.0 | 26,570* | 46.7 | 22,660* | 48.0 | 18,610* |
|               | 160 | 40.8 | 25,050* | 42.4 | 21,660* | 43.6 | 18,040* |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 38  | 81.9 | 32,000* | -    | -       | -    | -       |
|               | 40  | 81.4 | 32,000* | -    | -       | -    | -       |
|               | 50  | 78.6 | 32,000* | 80.4 | 32,000* | -    | -       |
|               | 60  | 75.8 | 32,000* | 77.6 | 32,000* | 79.3 | 31,380* |
|               | 70  | 73.0 | 32,000* | 74.8 | 32,000* | 76.5 | 29,030* |
|               | 80  | 70.1 | 32,000* | 71.9 | 32,000* | 73.5 | 27,030* |
| 170' (51.8 m) | 90  | 67.2 | 32,000* | 69.0 | 32,000* | 70.6 | 25,360* |
|               | 100 | 64.2 | 32,000* | 66.0 | 32,000* | 67.5 | 23,860* |
|               | 110 | 61.2 | 32,000* | 62.9 | 29,730* | 64.4 | 22,550* |
|               | 120 | 58.0 | 32,000* | 59.7 | 27,740* | 61.2 | 21,480* |
|               | 130 | 54.7 | 31,490* | 56.4 | 26,130* | 57.8 | 20,560* |
|               | 140 | 51.3 | 29,460* | 52.9 | 24,700* | 54.3 | 19,710* |
|               | 150 | 47.7 | 27,650* | 49.3 | 23,420* | 50.6 | 18,960* |
|               | 160 | 43.9 | 26,030* | 45.4 | 22,350* | 46.7 | 18,370* |
|               | 170 | 39.7 | 24,710* | 41.3 | 21,370* | 42.4 | 17,880* |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 40  | 81.8 | 32,000* | -    | -       | -    | -       |
|               | 50  | 79.1 | 32,000* | 80.9 | 32,000* | -    | -       |
|               | 60  | 76.5 | 32,000* | 78.2 | 32,000* | 79.8 | 31,900* |
|               | 70  | 73.8 | 32,000* | 75.5 | 32,000* | 77.1 | 29,550* |
|               | 80  | 71.1 | 32,000* | 72.8 | 32,000* | 74.3 | 27,460* |
|               | 90  | 68.3 | 32,000* | 70.0 | 32,000* | 71.5 | 25,840* |
| 180' (54.9 m) | 100 | 65.5 | 32,000* | 67.2 | 32,000* | 68.6 | 24,340* |
|               | 110 | 62.6 | 32,000* | 64.2 | 30,600* | 65.7 | 23,050* |
|               | 120 | 59.6 | 32,000* | 61.2 | 28,630* | 62.7 | 21,920* |
|               | 130 | 56.5 | 32,000* | 58.2 | 26,970* | 59.5 | 20,990* |
|               | 140 | 53.4 | 30,580* | 54.9 | 25,380* | 56.3 | 20,060* |
|               | 150 | 50.0 | 28,800* | 51.6 | 24,080* | 52.9 | 19,330* |
|               | 160 | 46.5 | 27,160* | 48.1 | 22,950* | 49.3 | 18,690* |
|               | 170 | 42.8 | 25,310  | 44.3 | 22,010* | 45.4 | 18,120* |
|               | 180 | 38.8 | 23,120  | 40.2 | 21,090* | 41.3 | 17,720* |

## 195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

### 40' (12.2 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
| 190' (57.9 m) | 41                | 81.9           | 32,000*         | -               | -               | -               | -               |
|               | 50                | 79.6           | 32,000*         | 81.3            | 32,000*         | -               | -               |
|               | 60                | 77.1           | 32,000*         | 78.7            | 32,000*         | 80.3            | 32,000*         |
|               | 70                | 74.5           | 32,000*         | 76.2            | 32,000*         | 77.7            | 29,920*         |
|               | 80                | 71.9           | 32,000*         | 73.6            | 32,000*         | 75.0            | 27,900*         |
|               | 90                | 69.3           | 32,000*         | 70.9            | 32,000*         | 72.4            | 26,270*         |
|               | 100               | 66.6           | 32,000*         | 68.2            | 32,000*         | 69.7            | 24,770*         |
|               | 110               | 63.9           | 32,000*         | 65.5            | 31,500*         | 66.9            | 23,470*         |
|               | 120               | 61.1           | 32,000*         | 62.6            | 29,410*         | 64.0            | 22,360*         |
|               | 130               | 58.2           | 32,000*         | 59.7            | 27,680*         | 61.1            | 21,370*         |
| 140           | 55.2              | 31,780*        | 56.7            | 26,220*         | 58.0            | 20,480*         |                 |
| 150           | 52.1              | 29,840*        | 53.6            | 24,840*         | 54.9            | 19,720*         |                 |
| 160           | 48.9              | 27,270         | 50.3            | 23,620*         | 51.5            | 19,050*         |                 |
| 170           | 45.4              | 24,760         | 46.9            | 22,640*         | 48.0            | 18,490*         |                 |
| 180           | 41.8              | 22,560         | 43.2            | 21,730*         | 44.3            | 18,020*         |                 |
| 190           | 37.9              | 20,620         | 39.2            | 20,630          | 40.2            | 17,590*         |                 |

|     |      |         |      |         |      |         |
|-----|------|---------|------|---------|------|---------|
| 42  | 82.0 | 32,000* | -    | -       | -    | -       |
| 50  | 80.0 | 32,000* | 81.6 | 32,000* | -    | -       |
| 60  | 77.6 | 32,000* | 79.2 | 32,000* | 80.7 | 32,000* |
| 70  | 75.2 | 32,000* | 76.8 | 32,000* | 78.2 | 30,350* |
| 80  | 72.7 | 32,000* | 74.3 | 32,000* | 75.7 | 28,360* |
| 90  | 70.2 | 32,000* | 71.7 | 32,000* | 73.2 | 26,650* |
| 100 | 67.6 | 32,000* | 69.2 | 32,000* | 70.6 | 25,160* |
| 110 | 65.0 | 32,000* | 66.6 | 32,000* | 67.9 | 23,930* |
| 120 | 62.4 | 32,000* | 63.9 | 30,230* | 65.2 | 22,730* |
| 130 | 59.7 | 32,000* | 61.1 | 28,480* | 62.4 | 21,770* |
| 140 | 56.8 | 32,000* | 58.3 | 26,890* | 59.6 | 20,910* |
| 150 | 53.9 | 29,560  | 55.4 | 25,490* | 56.6 | 20,090* |
| 160 | 50.9 | 26,690  | 52.3 | 24,300* | 53.5 | 19,380* |
| 170 | 47.8 | 24,190  | 49.2 | 23,220* | 50.3 | 18,800* |
| 180 | 44.4 | 21,980  | 45.8 | 21,980  | 46.9 | 18,260* |
| 190 | 40.9 | 20,030  | 42.2 | 20,030  | 43.2 | 17,810* |
| 200 | 37.0 | 18,290  | 38.3 | 18,300  | 39.3 | 17,450* |

|     |      |         |      |         |      |         |
|-----|------|---------|------|---------|------|---------|
| 44  | 81.8 | 32,000* | -    | -       | -    | -       |
| 50  | 80.4 | 32,000* | 82.0 | 32,000* | -    | -       |
| 60  | 78.1 | 32,000* | 79.6 | 32,000* | 81.1 | 32,000* |
| 70  | 75.8 | 32,000* | 77.3 | 32,000* | 78.7 | 30,690* |
| 80  | 73.4 | 32,000* | 74.9 | 32,000* | 76.3 | 28,780* |
| 90  | 71.0 | 32,000* | 72.5 | 32,000* | 73.9 | 27,090* |
| 100 | 68.6 | 32,000* | 70.1 | 32,000* | 71.4 | 25,630* |
| 110 | 66.1 | 32,000* | 67.6 | 32,000* | 68.9 | 24,270* |
| 120 | 63.6 | 32,000* | 65.0 | 31,010* | 66.3 | 23,180* |
| 130 | 61.0 | 32,000* | 62.4 | 29,260* | 63.7 | 22,170* |
| 140 | 58.3 | 32,000* | 59.8 | 27,670* | 61.0 | 21,300* |
| 150 | 55.6 | 29,020  | 57.0 | 26,200* | 58.2 | 20,500* |
| 160 | 52.8 | 26,150  | 54.1 | 24,950* | 55.3 | 19,740* |
| 170 | 49.8 | 23,640  | 51.2 | 23,640  | 52.3 | 19,130* |
| 180 | 46.7 | 21,430  | 48.1 | 21,440  | 49.1 | 18,550* |
| 190 | 43.5 | 19,470  | 44.8 | 19,470  | 45.8 | 18,080* |
| 200 | 40.0 | 17,730  | 41.3 | 17,740  | 42.2 | 17,720* |
| 210 | 36.2 | 16,170  | 37.5 | 16,180  | 38.3 | 16,200  |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
| 220' (67.1 m) | 45                | 81.9           | 32,000*         | -               | -               | -               | -               |
|               | 50                | 80.8           | 32,000*         | -               | -               | -               | -               |
|               | 60                | 78.6           | 32,000*         | 80.1            | 32,000*         | 81.4            | 32,000*         |
|               | 70                | 76.3           | 32,000*         | 77.8            | 32,000*         | 79.1            | 31,000*         |
|               | 80                | 74.1           | 32,000*         | 75.5            | 32,000*         | 76.8            | 29,160*         |
|               | 90                | 71.8           | 32,000*         | 73.2            | 32,000*         | 74.5            | 27,440*         |
|               | 100               | 69.4           | 32,000*         | 70.9            | 32,000*         | 72.2            | 26,050*         |
|               | 110               | 67.1           | 32,000*         | 68.5            | 32,000*         | 69.8            | 24,670*         |
|               | 120               | 64.7           | 32,000*         | 66.1            | 31,910*         | 67.3            | 23,520*         |
|               | 130               | 62.2           | 32,000*         | 63.6            | 29,980*         | 64.8            | 22,510*         |
| 140           | 59.7              | 31,800         | 61.1            | 28,360*         | 62.3            | 21,630*         |                 |
| 150           | 57.1              | 28,480         | 58.4            | 26,850*         | 59.6            | 20,770*         |                 |
| 160           | 54.4              | 25,600         | 55.8            | 25,600          | 56.9            | 20,070*         |                 |
| 170           | 51.7              | 23,080         | 53.0            | 23,090          | 54.1            | 19,450*         |                 |
| 180           | 48.8              | 20,860         | 50.1            | 20,870          | 51.1            | 18,910*         |                 |
| 190           | 45.8              | 18,910         | 47.0            | 18,920          | 48.1            | 18,360*         |                 |
| 200           | 42.6              | 17,170         | 43.8            | 17,180          | 44.8            | 17,190          |                 |
| 210           | 39.2              | 15,600         | 40.4            | 15,610          | 41.3            | 15,630          |                 |
| 220           | 35.5              | 14,200         | 36.7            | 14,210          | 37.5            | 14,220          |                 |

|     |      |         |      |         |      |         |
|-----|------|---------|------|---------|------|---------|
| 47  | 81.8 | 32,000* | -    | -       | -    | -       |
| 50  | 81.2 | 32,000* | -    | -       | -    | -       |
| 60  | 79.0 | 32,000* | 80.4 | 32,000* | 81.7 | 32,000* |
| 70  | 76.9 | 32,000* | 78.3 | 32,000* | 79.6 | 31,380* |
| 80  | 74.7 | 32,000* | 76.1 | 32,000* | 77.4 | 29,500* |
| 90  | 72.5 | 32,000* | 73.9 | 32,000* | 75.1 | 27,790* |
| 100 | 70.2 | 32,000* | 71.6 | 32,000* | 72.9 | 26,310* |
| 110 | 68.0 | 32,000* | 69.3 | 32,000* | 70.6 | 25,090* |
| 120 | 65.7 | 32,000* | 67.0 | 32,000* | 68.2 | 23,870* |
| 130 | 63.3 | 32,000* | 64.7 | 30,760* | 65.8 | 22,850* |
| 140 | 60.9 | 31,470  | 62.2 | 29,060* | 63.4 | 21,960* |
| 150 | 58.5 | 28,140  | 59.8 | 27,570* | 60.9 | 21,130* |
| 160 | 55.9 | 25,260  | 57.2 | 25,270  | 58.3 | 20,400* |
| 170 | 53.3 | 22,760  | 54.6 | 22,760  | 55.7 | 19,770* |
| 180 | 50.6 | 20,540  | 51.9 | 20,550  | 52.9 | 19,160* |
| 190 | 47.8 | 18,570  | 49.1 | 18,580  | 50.1 | 18,590  |
| 200 | 44.9 | 16,830  | 46.1 | 16,840  | 47.0 | 16,850  |
| 210 | 41.7 | 15,260  | 42.9 | 15,270  | 43.8 | 15,280  |
| 220 | 38.4 | 13,860  | 39.6 | 13,870  | 40.4 | 13,880  |
| 230 | 34.8 | 12,590  | 35.9 | 12,600  | 36.7 | 12,620  |

|     |      |         |      |         |      |         |
|-----|------|---------|------|---------|------|---------|
| 48  | 81.9 | 32,000* | -    | -       | -    | -       |
| 50  | 81.5 | 32,000* | -    | -       | -    | -       |
| 60  | 79.4 | 32,000* | 80.8 | 32,000* | -    | -       |
| 70  | 77.3 | 32,000* | 78.7 | 32,000* | 79.9 | 31,640* |
| 80  | 75.2 | 32,000* | 76.6 | 32,000* | 77.8 | 29,840* |
| 90  | 73.1 | 32,000* | 74.4 | 32,000* | 75.7 | 28,170* |
| 100 | 71.0 | 32,000* | 72.3 | 32,000* | 73.5 | 26,690* |
| 110 | 68.8 | 32,000* | 70.1 | 32,000* | 71.3 | 25,370* |
| 120 | 66.6 | 32,000* | 67.9 | 32,000* | 69.1 | 24,250* |
| 130 | 64.3 | 32,000* | 65.6 | 31,430* | 66.8 | 23,200* |
| 140 | 62.0 | 30,950  | 63.3 | 29,770* | 64.5 | 22,320* |
| 150 | 59.7 | 27,610  | 61.0 | 27,620  | 62.1 | 21,460* |
| 160 | 57.3 | 24,730  | 58.6 | 24,740  | 59.6 | 20,770* |
| 170 | 54.8 | 22,220  | 56.1 | 22,220  | 57.1 | 20,070* |
| 180 | 52.3 | 20,000  | 53.5 | 20,010  | 54.5 | 19,440* |
| 190 | 49.6 | 18,040  | 50.9 | 18,050  | 51.8 | 18,060  |
| 200 | 46.9 | 16,280  | 48.1 | 16,290  | 49.0 | 16,300  |
| 210 | 44.0 | 14,720  | 45.2 | 14,730  | 46.1 | 14,740  |
| 220 | 40.9 | 13,300  | 42.1 | 13,310  | 43.0 | 13,330  |
| 230 | 37.7 | 12,030  | 38.8 | 12,040  | 39.6 | 12,060  |
| 240 | 34.2 | 10,880  | 35.2 | 10,890  | 36.0 | 10,910  |

4

HC 275

31

## With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

40' (12.2 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 49                | 82.0           | 32,000*         | -               | -               | -               | -               |
|               | 50                | 81.8           | 32,000*         | -               | -               | -               | -               |
|               | 60                | 79.8           | 32,000*         | 81.1            | 32,000*         | -               | -               |
|               | 70                | 77.8           | 32,000*         | 79.1            | 32,000*         | 80.3            | 32,000*         |
|               | 80                | 75.7           | 32,000*         | 77.0            | 32,000*         | 78.3            | 30,190*         |
|               | 90                | 73.7           | 32,000*         | 75.0            | 32,000*         | 76.2            | 28,550*         |
|               | 100               | 71.6           | 32,000*         | 72.9            | 32,000*         | 74.1            | 27,060*         |
|               | 110               | 69.6           | 32,000*         | 70.8            | 32,000*         | 72.0            | 25,740*         |
|               | 120               | 67.4           | 32,000*         | 68.7            | 32,000*         | 69.8            | 24,560*         |
|               | 130               | 65.3           | 32,000*         | 66.5            | 32,000*         | 67.7            | 23,590*         |
| 250' (76.2 m) | 140               | 63.1           | 30,390          | 64.3            | 30,340*         | 65.4            | 22,600*         |
|               | 150               | 60.9           | 27,050          | 62.1            | 27,060          | 63.2            | 21,770*         |
|               | 160               | 58.6           | 24,170          | 59.8            | 24,170          | 60.8            | 21,050*         |
|               | 170               | 56.2           | 21,650          | 57.4            | 21,660          | 58.5            | 20,400*         |
|               | 180               | 53.8           | 19,430          | 55.0            | 19,440          | 56.0            | 19,450          |
|               | 190               | 51.3           | 17,470          | 52.5            | 17,480          | 53.5            | 17,490          |
|               | 200               | 48.7           | 15,710          | 49.9            | 15,720          | 50.8            | 15,730          |
|               | 210               | 46.0           | 14,140          | 47.2            | 14,150          | 48.1            | 14,160          |
|               | 220               | 43.2           | 12,720          | 44.3            | 12,730          | 45.2            | 12,740          |
|               | 230               | 40.2           | 11,450          | 41.3            | 11,450          | 42.1            | 11,470          |
| 240           | 37.0              | 10,290         | 38.1            | 10,300          | 38.8            | 10,310          |                 |
| 250           | 33.5              | 9,230          | 34.6            | 9,240           | 35.2            | 9,260           |                 |

|               |      |       |         |       |         |       |         |
|---------------|------|-------|---------|-------|---------|-------|---------|
|               | 51   | 81.9  | 32,000* | -     | -       | -     | -       |
|               | 60   | 80.1  | 32,000* | 81.4  | 32,000* | -     | -       |
|               | 70   | 78.2  | 32,000* | 79.4  | 32,000* | 80.6  | 32,000* |
|               | 80   | 76.2  | 32,000* | 77.5  | 32,000* | 78.7  | 30,420* |
|               | 90   | 74.3  | 32,000* | 75.5  | 32,000* | 76.7  | 28,790* |
|               | 100  | 72.3  | 32,000* | 73.5  | 32,000* | 74.7  | 27,420* |
|               | 110  | 70.3  | 32,000* | 71.5  | 32,000* | 72.6  | 26,050* |
|               | 120  | 68.2  | 32,000* | 69.5  | 32,000* | 70.6  | 24,950* |
|               | 130  | 66.2  | 32,000* | 67.4  | 32,000* | 68.5  | 23,860* |
|               | 140  | 64.1  | 29,850  | 65.3  | 29,860  | 66.3  | 22,930* |
| 260' (79.2 m) | 150  | 61.9  | 26,520  | 63.1  | 26,520  | 64.2  | 22,100* |
|               | 160  | 59.7  | 23,630  | 60.9  | 23,640  | 61.9  | 21,370* |
|               | 170  | 57.5  | 21,110  | 58.7  | 21,120  | 59.7  | 20,660* |
|               | 180  | 55.2  | 18,890  | 56.4  | 18,890  | 57.3  | 18,900  |
|               | 190  | 52.8  | 16,920  | 54.0  | 16,930  | 54.9  | 16,940  |
|               | 200  | 50.4  | 15,170  | 51.5  | 15,170  | 52.4  | 15,190  |
|               | 210  | 47.8  | 13,590  | 49.0  | 13,600  | 49.9  | 13,610  |
|               | 220  | 45.2  | 12,170  | 46.3  | 12,180  | 47.2  | 12,200  |
|               | 230  | 42.4  | 10,890  | 43.5  | 10,900  | 44.3  | 10,920  |
|               | 240  | 39.5  | 9,730   | 40.5  | 9,740   | 41.3  | 9,750   |
| 250           | 36.4 | 8,670 | 37.4    | 8,680 | 38.1    | 8,700 |         |
| 260           | 33.0 | 7,710 | 33.9    | 7,720 | 34.6    | 7,740 |         |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 52                | 81.9           | 32,000*         | -               | -               | -               | -               |
|               | 60                | 80.4           | 32,000*         | 81.7            | 32,000*         | -               | -               |
|               | 70                | 78.6           | 32,000*         | 79.8            | 32,000*         | 80.9            | 32,000*         |
|               | 80                | 76.7           | 32,000*         | 77.9            | 32,000*         | 79.0            | 30,770*         |
|               | 90                | 74.8           | 32,000*         | 76.0            | 32,000*         | 77.1            | 29,160*         |
|               | 100               | 72.9           | 32,000*         | 74.1            | 32,000*         | 75.2            | 27,660*         |
|               | 110               | 70.9           | 32,000*         | 72.1            | 32,000*         | 73.2            | 26,420*         |
|               | 120               | 69.0           | 32,000*         | 70.2            | 32,000*         | 71.2            | 25,190*         |
|               | 130               | 67.0           | 32,000*         | 68.2            | 32,000*         | 69.2            | 24,180*         |
|               | 140               | 64.9           | 29,310          | 66.1            | 29,320          | 67.2            | 23,310*         |
| 270' (82.3 m) | 150               | 62.9           | 25,970          | 64.1            | 25,980          | 65.1            | 22,390*         |
|               | 160               | 60.8           | 23,090          | 62.0            | 23,100          | 63.0            | 21,610*         |
|               | 170               | 58.7           | 20,570          | 59.8            | 20,570          | 60.8            | 20,590          |
|               | 180               | 56.5           | 18,350          | 57.6            | 18,350          | 58.6            | 18,370          |
|               | 190               | 54.2           | 16,370          | 55.3            | 16,380          | 56.3            | 16,390          |
|               | 200               | 51.9           | 14,620          | 53.0            | 14,620          | 53.9            | 14,640          |
|               | 210               | 49.5           | 13,040          | 50.6            | 13,040          | 51.5            | 13,060          |
|               | 220               | 47.0           | 11,620          | 48.1            | 11,630          | 48.9            | 11,640          |
|               | 230               | 44.4           | 10,340          | 45.5            | 10,340          | 46.3            | 10,360          |
|               | 240               | 41.7           | 9,170           | 42.7            | 9,170           | 43.5            | 9,190           |
| 250           | 38.8              | 8,100          | 39.8            | 8,110           | 40.6            | 8,130           |                 |
| 260           | 35.7              | 7,140          | 36.7            | 7,150           | 37.4            | 7,160           |                 |
| 270           | 32.4              | 6,250          | 33.4            | 6,260           | 33.9            | 6,280           |                 |

|               |      |        |         |        |         |       |         |
|---------------|------|--------|---------|--------|---------|-------|---------|
|               | 54   | 81.8   | 32,000* | -      | -       | -     | -       |
|               | 60   | 80.7   | 32,000* | 81.9   | 32,000* | -     | -       |
|               | 70   | 78.9   | 32,000* | 80.1   | 32,000* | 81.2  | 32,000* |
|               | 80   | 77.1   | 32,000* | 78.3   | 32,000* | 79.4  | 30,960* |
|               | 90   | 75.3   | 32,000* | 76.4   | 32,000* | 77.5  | 29,370* |
|               | 100  | 73.4   | 32,000* | 74.6   | 32,000* | 75.7  | 27,940* |
|               | 110  | 71.5   | 32,000* | 72.7   | 32,000* | 73.8  | 26,660* |
|               | 120  | 69.6   | 32,000* | 70.8   | 32,000* | 71.8  | 25,520* |
|               | 130  | 67.7   | 32,000* | 68.9   | 32,000* | 69.9  | 24,480* |
|               | 140  | 65.8   | 28,950  | 66.9   | 28,950  | 67.9  | 23,600* |
| 280' (85.3 m) | 150  | 63.8   | 25,610  | 64.9   | 25,620  | 65.9  | 22,670* |
|               | 160  | 61.8   | 22,730  | 62.9   | 22,730  | 63.9  | 21,970* |
|               | 170  | 59.7   | 20,200  | 60.9   | 20,210  | 61.8  | 20,220  |
|               | 180  | 57.6   | 17,980  | 58.7   | 17,990  | 59.7  | 18,000  |
|               | 190  | 55.5   | 16,010  | 56.6   | 16,020  | 57.5  | 16,030  |
|               | 200  | 53.3   | 14,250  | 54.4   | 14,250  | 55.3  | 14,270  |
|               | 210  | 51.0   | 12,680  | 52.1   | 12,680  | 53.0  | 12,690  |
|               | 220  | 48.7   | 11,260  | 49.7   | 11,260  | 50.6  | 11,280  |
|               | 230  | 46.2   | 9,970   | 47.3   | 9,980   | 48.1  | 9,990   |
|               | 240  | 43.7   | 8,800   | 44.7   | 8,800   | 45.5  | 8,820   |
| 250           | 41.0 | 7,730  | 42.0    | 7,740  | 42.7    | 7,750 |         |
| 260           | 38.2 | 6,760  | 39.2    | 6,770  | 39.8    | 6,780 |         |
| 270           | 35.1 | 5,870  | 36.1    | 5,880  | 36.7    | 5,900 |         |
| 280           | 31.9 | 4,680* | 32.8    | 4,940* | 33.3    | 5,090 |         |

195 klb + 64 klb CB

360°

ANSI B 30.5  
 DIN/ISO

40' (12.2 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 | Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 55                | 81.9           | 32,000*         | -               | -               | -               | -               |               | 56                | 82.0           | 32,000*         | -               | -               | -               | -               |
|               | 60                | 81.0           | 32,000*         | -               | -               | -               | -               |               | 60                | 81.3           | 32,000*         | -               | -               | -               | -               |
|               | 70                | 79.3           | 32,000*         | 80.4            | 32,000*         | 81.5            | 32,000*         |               | 70                | 79.6           | 32,000*         | 80.7            | 32,000*         | 81.8            | 32,000*         |
|               | 80                | 77.5           | 32,000*         | 78.6            | 32,000*         | 79.7            | 31,320*         |               | 80                | 77.9           | 32,000*         | 79.0            | 32,000*         | 80.0            | 31,530*         |
|               | 90                | 75.7           | 32,000*         | 76.9            | 32,000*         | 77.9            | 29,730*         |               | 90                | 76.1           | 32,000*         | 77.3            | 32,000*         | 78.3            | 29,940*         |
|               | 100               | 73.9           | 32,000*         | 75.1            | 32,000*         | 76.1            | 28,280*         |               | 100               | 74.4           | 32,000*         | 75.5            | 32,000*         | 76.5            | 28,470*         |
|               | 110               | 72.1           | 32,000*         | 73.2            | 32,000*         | 74.3            | 26,990*         |               | 110               | 72.7           | 32,000*         | 73.8            | 32,000*         | 74.8            | 27,250*         |
|               | 120               | 70.3           | 32,000*         | 71.4            | 32,000*         | 72.4            | 25,780*         |               | 120               | 70.9           | 32,000*         | 72.0            | 32,000*         | 73.0            | 26,170*         |
|               | 130               | 68.4           | 32,000*         | 69.6            | 32,000*         | 70.6            | 24,810*         |               | 130               | 69.1           | 31,790          | 70.2            | 31,790          | 71.2            | 25,030*         |
|               | 140               | 66.6           | 28,430          | 67.7            | 28,430          | 68.7            | 23,830*         |               | 140               | 67.3           | 27,890          | 68.4            | 27,890          | 69.3            | 24,090*         |
|               | 150               | 64.7           | 25,090          | 65.8            | 25,090          | 66.7            | 22,970*         |               | 150               | 65.4           | 24,540          | 66.5            | 24,540          | 67.5            | 23,320*         |
|               | 160               | 62.7           | 22,200          | 63.8            | 22,210          | 64.8            | 22,210*         |               | 160               | 63.6           | 21,650          | 64.6            | 21,660          | 65.6            | 21,670*         |
| 290' (88.4 m) | 170               | 60.7           | 19,680          | 61.8            | 19,680          | 62.8            | 19,700          | 300' (91.4 m) | 170               | 61.7           | 19,120          | 62.7            | 19,130          | 63.7            | 19,140          |
|               | 180               | 58.7           | 17,450          | 59.8            | 17,450          | 60.7            | 17,460          |               | 180               | 59.8           | 16,890          | 60.8            | 16,900          | 61.7            | 16,910          |
|               | 190               | 56.7           | 15,480          | 57.7            | 15,480          | 58.7            | 15,490          |               | 190               | 57.8           | 14,920          | 58.8            | 14,930          | 59.7            | 14,940          |
|               | 200               | 54.6           | 13,720          | 55.6            | 13,730          | 56.5            | 13,740          |               | 200               | 55.8           | 13,150          | 56.8            | 13,160          | 57.7            | 13,170          |
|               | 210               | 52.4           | 12,130          | 53.5            | 12,140          | 54.3            | 12,150          |               | 210               | 53.7           | 11,580          | 54.7            | 11,580          | 55.6            | 11,590          |
|               | 220               | 50.2           | 10,710          | 51.2            | 10,720          | 52.1            | 10,730          |               | 220               | 51.6           | 10,150          | 52.6            | 10,160          | 53.4            | 10,170          |
|               | 230               | 47.9           | 9,420           | 48.9            | 9,430           | 49.7            | 9,450           |               | 230               | 49.4           | 8,850           | 50.4            | 8,860           | 51.2            | 8,870           |
|               | 240               | 45.5           | 8,250           | 46.5            | 8,260           | 47.3            | 8,270           |               | 240               | 47.1           | 7,680           | 48.1            | 7,690           | 48.9            | 7,710           |
|               | 250               | 43.0           | 7,190           | 44.0            | 7,200           | 44.7            | 7,210           |               | 250               | 44.8           | 6,610           | 45.7            | 6,620           | 46.5            | 6,630           |
|               | 260               | 40.3           | 6,210           | 41.3            | 6,220           | 42.0            | 6,240           |               | 260               | 42.3           | 5,560*          | 43.3            | 5,640           | 44.0            | 5,650           |
| 270           | 37.6              | 5,210*         | 38.5            | 5,330           | 39.2            | 5,350           | 270             | 39.7          | 4,360*            | 40.7           | 4,640*          | 41.3            | 4,760           |                 |                 |
| 280           | 34.6              | 4,010*         | 35.5            | 4,270*          | 36.1            | 4,460*          | 280             | 37.0          | 3,210*            | 37.9           | 3,480*          | 38.5            | 3,670*          |                 |                 |
| 290           | 31.4              | 2,830*         | 32.2            | 3,080*          | 32.8            | 3,240*          |                 |               |                   |                |                 |                 |                 |                 |                 |

50' (15.2 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 | Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 35                | 81.8           | 32,000*         | -               | -               | -               | -               |               | 38                | 81.8           | 32,000*         | -               | -               | -               | -               |
|               | 40                | 80.2           | 32,000*         | -               | -               | -               | -               |               | 40                | 81.2           | 32,000*         | -               | -               | -               | -               |
|               | 50                | 77.0           | 31,320*         | 79.6            | 28,880*         | -               | -               |               | 50                | 78.3           | 31,720*         | 80.7            | 29,000*         | -               | -               |
|               | 60                | 73.7           | 30,180*         | 76.3            | 27,950*         | 78.8            | 25,020*         |               | 60                | 75.4           | 30,630*         | 77.7            | 28,270*         | 80.0            | 25,820*         |
| 130' (39.6 m) | 70                | 70.4           | 29,140*         | 73.0            | 27,200*         | 75.4            | 22,960*         |               | 70                | 72.4           | 29,660*         | 74.7            | 27,530*         | 76.9            | 23,800*         |
|               | 80                | 66.9           | 28,190*         | 69.5            | 26,560*         | 71.9            | 21,180*         |               | 80                | 69.4           | 28,820*         | 71.7            | 26,870*         | 73.8            | 22,000*         |
|               | 90                | 63.4           | 27,440*         | 66.0            | 25,820*         | 68.3            | 19,660*         | 150' (45.7 m) | 90                | 66.3           | 27,930*         | 68.6            | 26,290*         | 70.7            | 20,510*         |
|               | 100               | 59.8           | 26,620*         | 62.3            | 23,700*         | 64.6            | 18,410*         |               | 100               | 63.1           | 27,250*         | 65.4            | 25,310*         | 67.4            | 19,300*         |
|               | 110               | 56.0           | 26,010*         | 58.5            | 21,930*         | 60.7            | 17,400*         |               | 110               | 59.8           | 26,600*         | 62.1            | 23,480*         | 64.1            | 18,240*         |
|               | 120               | 52.1           | 24,520*         | 54.5            | 20,470*         | 56.6            | 16,470*         |               | 120               | 56.4           | 26,010*         | 58.7            | 21,900*         | 60.6            | 17,300*         |
| 130           | 47.9              | 22,710*        | 50.3            | 19,200*         | 52.3            | 15,710*         | 130             |               | 52.9              | 24,810*        | 55.1            | 20,570*         | 57.0            | 16,510*         |                 |
|               |                   |                |                 |                 |                 |                 |                 |               | 140               | 49.2           | 23,190*         | 51.4            | 19,400*         | 53.2            | 15,760*         |
|               |                   |                |                 |                 |                 |                 |                 | 150           | 45.2              | 21,780*        | 47.4            | 18,400*         | 49.1            | 15,230*         |                 |
|               | 36                | 81.9           | 32,000*         | -               | -               | -               | -               |               | 39                | 81.9           | 32,000*         | -               | -               | -               | -               |
|               | 40                | 80.7           | 32,000*         | -               | -               | -               | -               |               | 40                | 81.6           | 32,000*         | -               | -               | -               | -               |
|               | 50                | 77.7           | 31,450*         | 80.2            | 28,930*         | -               | -               |               | 50                | 78.9           | 31,880*         | 81.1            | 29,090*         | -               | -               |
| 140' (42.7 m) | 60                | 74.6           | 30,350*         | 77.1            | 28,110*         | 79.4            | 25,490*         |               | 60                | 76.1           | 30,800*         | 78.3            | 28,270*         | 80.5            | 26,160*         |
|               | 70                | 71.4           | 29,470*         | 73.9            | 27,330*         | 76.2            | 23,390*         |               | 70                | 73.2           | 29,820*         | 75.5            | 27,610*         | 77.6            | 24,160*         |
|               | 80                | 68.2           | 28,510*         | 70.7            | 26,690*         | 72.9            | 21,640*         |               | 80                | 70.4           | 29,050*         | 72.6            | 26,970*         | 74.7            | 22,430*         |
|               | 90                | 64.9           | 27,640*         | 67.4            | 26,040*         | 69.6            | 20,140*         |               | 90                | 67.5           | 28,160*         | 69.7            | 26,430*         | 71.7            | 20,930*         |
|               | 100               | 61.6           | 26,990*         | 63.9            | 24,490*         | 66.1            | 18,890*         | 160' (48.8 m) | 100               | 64.5           | 27,500*         | 66.7            | 25,900*         | 68.6            | 19,710*         |
|               | 110               | 58.1           | 26,240*         | 60.4            | 22,680*         | 62.5            | 17,780*         |               | 110               | 61.4           | 26,840*         | 63.6            | 24,200*         | 65.5            | 18,580*         |
| 120           | 54.4              | 25,650*        | 56.7            | 21,180*         | 58.8            | 16,890*         | 120             |               | 58.2              | 26,190*        | 60.4            | 22,630*         | 62.3            | 17,670*         |                 |
| 130           | 50.6              | 23,830*        | 52.9            | 19,910*         | 54.8            | 16,120*         | 130             |               | 55.0              | 25,700*        | 57.1            | 21,260*         | 58.9            | 16,840*         |                 |
| 140           | 46.5              | 22,230*        | 48.8            | 18,780*         | 50.6            | 15,450*         | 140             |               | 51.5              | 24,160*        | 53.6            | 20,050*         | 55.4            | 16,140*         |                 |
|               |                   |                |                 |                 |                 |                 |                 |               | 150               | 47.9           | 22,670*         | 50.0            | 18,980*         | 51.7            | 15,490*         |
|               |                   |                |                 |                 |                 |                 |                 | 160           | 44.1              | 21,300*        | 46.1            | 18,100*         | 47.7            | 14,990*         |                 |



HC 275

33

## With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

50' (15.2 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 | Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 40                | 82.0           | 32,000*         | -               | -               | -               | -               |               | 46                | 81.9           | 32,000*         | -               | -               | -               | -               |
|               | 50                | 79.4           | 31,920*         | 81.5            | 29,150*         | -               | -               |               | 50                | 81.0           | 32,000*         | -               | -               | -               | -               |
|               | 60                | 76.7           | 30,970*         | 78.9            | 28,390*         | 80.9            | 26,390*         |               | 60                | 78.8           | 31,360*         | 80.6            | 28,540*         | -               | -               |
|               | 70                | 74.0           | 30,100*         | 76.2            | 27,700*         | 78.2            | 24,420*         |               | 70                | 76.5           | 30,590*         | 78.4            | 27,920*         | 80.1            | 25,680*         |
|               | 80                | 71.3           | 29,230*         | 73.4            | 27,060*         | 75.4            | 22,790*         |               | 80                | 74.3           | 29,860*         | 76.1            | 27,450*         | 77.8            | 24,000*         |
|               | 90                | 68.5           | 28,430*         | 70.6            | 26,480*         | 72.6            | 21,300*         |               | 90                | 72.0           | 29,110*         | 73.8            | 26,880*         | 75.4            | 22,570*         |
| 170' (51.8 m) | 100               | 65.7           | 27,710*         | 67.8            | 26,010*         | 69.7            | 20,030*         |               | 100               | 69.6           | 28,410*         | 71.4            | 26,440*         | 73.1            | 21,320*         |
|               | 110               | 62.8           | 27,110*         | 64.9            | 24,930*         | 66.7            | 18,960*         |               | 110               | 67.3           | 27,840*         | 69.0            | 25,970*         | 70.6            | 20,270*         |
|               | 120               | 59.8           | 26,440*         | 61.9            | 23,300*         | 63.7            | 17,990*         | 210' (64.0 m) | 120               | 64.9           | 27,250*         | 66.6            | 25,580*         | 68.2            | 19,290*         |
|               | 130               | 56.8           | 25,920*         | 58.8            | 21,900*         | 60.6            | 17,200*         |               | 130               | 62.4           | 26,690*         | 64.1            | 24,290*         | 65.7            | 18,480*         |
|               | 140               | 53.6           | 25,160*         | 55.6            | 20,710*         | 57.3            | 16,490*         | 140           | 59.9              | 26,230*        | 61.6            | 22,980*         | 63.1            | 17,690*         |                 |
|               | 150               | 50.2           | 23,590*         | 52.2            | 19,620*         | 53.9            | 15,850*         | 150           | 57.3              | 25,750*        | 59.0            | 21,790*         | 60.5            | 17,030*         |                 |
|               | 160               | 46.7           | 22,190*         | 48.7            | 18,650*         | 50.3            | 15,270*         | 160           | 54.6              | 25,390*        | 56.3            | 20,780*         | 57.7            | 16,420*         |                 |
|               | 170               | 43.0           | 21,000*         | 44.9            | 17,830*         | 46.4            | 14,800*         | 170           | 51.8              | 23,950         | 53.5            | 19,830*         | 54.9            | 15,840*         |                 |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 42  | 81.8 | 32,000* | -    | -       | -    | -       |
|               | 50  | 79.8 | 32,000* | 81.9 | 29,100* | -    | -       |
|               | 60  | 77.3 | 31,060* | 79.4 | 28,450* | 81.3 | 26,390* |
|               | 70  | 74.7 | 30,240* | 76.8 | 27,760* | 78.7 | 24,750* |
|               | 80  | 72.1 | 29,390* | 74.2 | 27,130* | 76.1 | 23,150* |
| 180' (54.9 m) | 90  | 69.5 | 28,580* | 71.5 | 26,660* | 73.4 | 21,650* |
|               | 100 | 66.8 | 27,930* | 68.8 | 26,120* | 70.7 | 20,390* |
|               | 110 | 64.1 | 27,270* | 66.1 | 25,670* | 67.9 | 19,300* |
|               | 120 | 61.3 | 26,700* | 63.3 | 23,980* | 65.0 | 18,380* |
|               | 130 | 58.4 | 26,150* | 60.3 | 22,510* | 62.1 | 17,550* |
|               | 140 | 55.4 | 25,600* | 57.3 | 21,300* | 59.0 | 16,800* |
|               | 150 | 52.3 | 24,420* | 54.2 | 20,190* | 55.8 | 16,150* |
|               | 160 | 49.1 | 22,980* | 50.9 | 19,200* | 52.5 | 15,580* |
|               | 170 | 45.6 | 21,740* | 47.5 | 18,350* | 49.0 | 15,080* |
|               | 180 | 42.0 | 20,700* | 43.8 | 17,610* | 45.2 | 14,660* |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 43  | 81.9 | 32,000* | -    | -       | -    | -       |
|               | 50  | 80.3 | 32,000* | -    | -       | -    | -       |
|               | 60  | 77.8 | 31,130* | 79.8 | 28,510* | 81.7 | 26,360* |
|               | 70  | 75.4 | 30,280* | 77.4 | 27,860* | 79.2 | 25,130* |
|               | 80  | 72.9 | 29,550* | 74.9 | 27,230* | 76.7 | 23,410* |
|               | 90  | 70.4 | 28,840* | 72.3 | 26,730* | 74.1 | 21,980* |
| 190' (57.9 m) | 100 | 67.8 | 28,150* | 69.8 | 26,210* | 71.5 | 20,720* |
|               | 110 | 65.2 | 27,510* | 67.2 | 25,790* | 68.9 | 19,640* |
|               | 120 | 62.6 | 26,880* | 64.5 | 24,580* | 66.2 | 18,720* |
|               | 130 | 59.9 | 26,300* | 61.7 | 23,160* | 63.4 | 17,830* |
|               | 140 | 57.0 | 25,890* | 58.9 | 21,860* | 60.5 | 17,100* |
|               | 150 | 54.1 | 25,320* | 56.0 | 20,710* | 57.5 | 16,410* |
|               | 160 | 51.1 | 23,860* | 52.9 | 19,750* | 54.4 | 15,870* |
|               | 170 | 48.0 | 22,550* | 49.7 | 18,860* | 51.2 | 15,330* |
|               | 180 | 44.6 | 21,370* | 46.4 | 18,070* | 47.8 | 14,890* |
|               | 190 | 41.1 | 20,380* | 42.8 | 17,380* | 44.1 | 14,540* |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 45  | 81.8 | 32,000* | -    | -       | -    | -       |
|               | 50  | 80.6 | 32,000* | -    | -       | -    | -       |
|               | 60  | 78.3 | 31,310* | 80.2 | 28,520* | -    | -       |
|               | 70  | 76.0 | 30,430* | 77.9 | 27,950* | 79.6 | 25,400* |
|               | 80  | 73.6 | 29,640* | 75.5 | 27,320* | 77.2 | 23,740* |
|               | 90  | 71.2 | 28,940* | 73.1 | 26,770* | 74.8 | 22,270* |
|               | 100 | 68.8 | 28,280* | 70.6 | 26,380* | 72.3 | 21,100* |
|               | 110 | 66.3 | 27,700* | 68.1 | 25,870* | 69.8 | 20,010* |
| 200' (61.0 m) | 120 | 63.8 | 27,040* | 65.6 | 25,240* | 67.2 | 19,010* |
|               | 130 | 61.2 | 26,570* | 63.0 | 23,730* | 64.6 | 18,130* |
|               | 140 | 58.5 | 26,100* | 60.3 | 22,430* | 61.9 | 17,410* |
|               | 150 | 55.8 | 25,620* | 57.6 | 21,240* | 59.1 | 16,730* |
|               | 160 | 53.0 | 24,640* | 54.7 | 20,290* | 56.2 | 16,160* |
|               | 170 | 50.0 | 23,340* | 51.7 | 19,380* | 53.2 | 15,600* |
|               | 180 | 46.9 | 22,100* | 48.6 | 18,530* | 50.0 | 15,150* |
|               | 190 | 43.7 | 20,350  | 45.3 | 17,840* | 46.6 | 14,760* |
|               | 200 | 40.2 | 18,600  | 41.8 | 17,220* | 43.0 | 14,400* |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 46  | 81.9 | 32,000* | -    | -       | -    | -       |
|               | 50  | 81.0 | 32,000* | -    | -       | -    | -       |
|               | 60  | 78.8 | 31,360* | 80.6 | 28,540* | -    | -       |
|               | 70  | 76.5 | 30,590* | 78.4 | 27,920* | 80.1 | 25,680* |
|               | 80  | 74.3 | 29,860* | 76.1 | 27,450* | 77.8 | 24,000* |
|               | 90  | 72.0 | 29,110* | 73.8 | 26,880* | 75.4 | 22,570* |
|               | 100 | 69.6 | 28,410* | 71.4 | 26,440* | 73.1 | 21,320* |
|               | 110 | 67.3 | 27,840* | 69.0 | 25,970* | 70.6 | 20,270* |
| 210' (64.0 m) | 120 | 64.9 | 27,250* | 66.6 | 25,580* | 68.2 | 19,290* |
|               | 130 | 62.4 | 26,690* | 64.1 | 24,290* | 65.7 | 18,480* |
|               | 140 | 59.9 | 26,230* | 61.6 | 22,980* | 63.1 | 17,690* |
|               | 150 | 57.3 | 25,750* | 59.0 | 21,790* | 60.5 | 17,030* |
|               | 160 | 54.6 | 25,390* | 56.3 | 20,780* | 57.7 | 16,420* |
|               | 170 | 51.8 | 23,950  | 53.5 | 19,830* | 54.9 | 15,840* |
|               | 180 | 49.0 | 21,740  | 50.6 | 19,020* | 52.0 | 15,360* |
|               | 190 | 45.9 | 19,790  | 47.6 | 18,270* | 48.9 | 14,940* |
|               | 200 | 42.8 | 18,040  | 44.3 | 17,630* | 45.6 | 14,580* |
|               | 210 | 39.4 | 16,480  | 40.9 | 16,490  | 42.1 | 14,290* |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 47  | 82.0 | 32,000* | -    | -       | -    | -       |
|               | 50  | 81.3 | 32,000* | -    | -       | -    | -       |
|               | 60  | 79.2 | 31,420* | 81.0 | 28,520* | -    | -       |
|               | 70  | 77.0 | 30,750* | 78.8 | 27,970* | 80.4 | 25,850* |
|               | 80  | 74.9 | 29,950* | 76.6 | 27,480* | 78.2 | 24,260* |
|               | 90  | 72.6 | 29,210* | 74.4 | 26,920* | 76.0 | 22,850* |
|               | 100 | 70.4 | 28,660* | 72.1 | 26,510* | 73.7 | 21,650* |
|               | 110 | 68.1 | 27,990* | 69.9 | 26,050* | 71.4 | 20,520* |
| 220' (67.1 m) | 120 | 65.8 | 27,450* | 67.5 | 25,630* | 69.1 | 19,620* |
|               | 130 | 63.5 | 26,900* | 65.2 | 24,860* | 66.7 | 18,700* |
|               | 140 | 61.1 | 26,370* | 62.8 | 23,560* | 64.2 | 17,920* |
|               | 150 | 58.6 | 26,000* | 60.3 | 22,370* | 61.7 | 17,300* |
|               | 160 | 56.1 | 25,530* | 57.7 | 21,240* | 59.2 | 16,690* |
|               | 170 | 53.5 | 23,410  | 55.1 | 20,330* | 56.5 | 16,080* |
|               | 180 | 50.8 | 21,190  | 52.4 | 19,430* | 53.7 | 15,620* |
|               | 190 | 48.0 | 19,220  | 49.6 | 18,700* | 50.8 | 15,160* |
|               | 200 | 45.0 | 17,480  | 46.6 | 17,490  | 47.8 | 14,800* |
|               | 210 | 41.9 | 15,910  | 43.4 | 15,920  | 44.6 | 14,500* |
|               | 220 | 38.6 | 14,510  | 40.1 | 14,520  | 41.2 | 14,210* |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 49  | 81.9 | 32,000* | -    | -       | -    | -       |
|               | 50  | 81.7 | 32,000* | -    | -       | -    | -       |
|               | 60  | 79.6 | 31,420* | 81.3 | 28,460* | -    | -       |
|               | 70  | 77.5 | 30,750* | 79.2 | 28,040* | 80.8 | 25,860* |
|               | 80  | 75.4 | 30,010* | 77.1 | 27,490* | 78.7 | 24,490* |
|               | 90  | 73.3 | 29,290* | 75.0 | 27,050* | 76.5 | 23,100* |
|               | 100 | 71.1 | 28,680* | 72.8 | 26,550* | 74.3 | 21,880* |
|               | 110 | 69.0 | 28,150* | 70.6 | 26,140* | 72.1 | 20,850* |
| 230' (70.1 m) | 120 | 66.8 | 27,530* | 68.4 | 25,750* | 69.9 | 19,840* |
|               | 130 | 64.5 | 27,030* | 66.1 | 25,340* | 67.6 | 19,000* |
|               | 140 | 62.2 | 26,560* | 63.8 | 24,060* | 65.3 | 18,260* |
|               | 150 | 59.9 | 26,100* | 61.5 | 22,870* | 62.9 | 17,510* |
|               | 160 | 57.5 | 25,570  | 59.1 | 21,790* | 60.4 | 16,940* |
|               | 170 | 55.0 | 23,070  | 56.6 | 20,810* | 57.9 | 16,320* |
|               | 180 | 52.5 | 20,850  | 54.0 | 19,930* | 55.3 | 15,820* |
|               | 190 | 49.8 | 18,890  | 51.3 | 18,900  | 52.6 | 15,380* |
|               | 200 | 47.1 | 17,130  | 48.6 | 17,140  | 49.8 | 15,010* |
|               | 210 | 44.2 | 15,570  | 45.7 | 15,580  | 46.8 | 14,650* |
|               | 220 | 41.1 | 14,160  | 42.6 | 14,170  | 43.7 | 14,190  |
|               | 230 | 37.9 | 12,880  | 39.3 | 12,890  | 40.3 | 12,910  |

## 195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

### 50' (15.2 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 50                | 81.9           | 32,000*         | -               | -               | -               | -               |
|               | 60                | 79.9           | 31,500*         | 81.6            | 28,480*         | -               | -               |
|               | 70                | 77.9           | 30,750*         | 79.6            | 28,030*         | 81.1            | 25,920*         |
|               | 80                | 75.9           | 30,090*         | 77.5            | 27,510*         | 79.1            | 24,770*         |
|               | 90                | 73.9           | 29,380*         | 75.5            | 27,080*         | 77.0            | 23,350*         |
|               | 100               | 71.8           | 28,790*         | 73.4            | 26,580*         | 74.9            | 22,200*         |
|               | 110               | 69.7           | 28,270*         | 71.3            | 26,200*         | 72.8            | 21,130*         |
|               | 120               | 67.6           | 27,660*         | 69.2            | 25,820*         | 70.6            | 20,100*         |
| 240' (73.2 m) | 130               | 65.4           | 27,230*         | 67.0            | 25,410*         | 68.4            | 19,260*         |
|               | 140               | 63.3           | 26,730*         | 64.8            | 24,580*         | 66.2            | 18,470*         |
|               | 150               | 61.0           | 26,220*         | 62.6            | 23,360*         | 63.9            | 17,790*         |
|               | 160               | 58.7           | 25,050          | 60.3            | 22,300*         | 61.6            | 17,170*         |
|               | 170               | 56.4           | 22,530          | 57.9            | 21,290*         | 59.2            | 16,560*         |
|               | 180               | 54.0           | 20,310          | 55.5            | 20,320          | 56.8            | 16,050*         |
|               | 190               | 51.5           | 18,350          | 53.0            | 18,360          | 54.2            | 15,600*         |
|               | 200               | 48.9           | 16,600          | 50.4            | 16,610          | 51.6            | 15,230*         |
|               | 210               | 46.2           | 15,020          | 47.6            | 15,030          | 48.8            | 14,840*         |
|               | 220               | 43.4           | 13,610          | 44.8            | 13,620          | 45.9            | 13,640          |
|               | 230               | 40.4           | 12,340          | 41.8            | 12,350          | 42.8            | 12,360          |
|               | 240               | 37.2           | 11,180          | 38.5            | 11,190          | 39.5            | 11,210          |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 52  | 81.8 | 32,000* | -    | -       | -    | -       |
|               | 60  | 80.3 | 31,550* | 81.9 | 28,510* | -    | -       |
|               | 70  | 78.3 | 30,930* | 79.9 | 28,010* | 81.4 | 25,860* |
|               | 80  | 76.4 | 30,140* | 78.0 | 27,530* | 79.4 | 25,010* |
|               | 90  | 74.4 | 29,570* | 76.0 | 27,090* | 77.5 | 23,660* |
|               | 100 | 72.4 | 28,990* | 74.0 | 26,720* | 75.4 | 22,400* |
|               | 110 | 70.4 | 28,370* | 72.0 | 26,230* | 73.4 | 21,340* |
|               | 120 | 68.4 | 27,810* | 69.9 | 25,860* | 71.3 | 20,400* |
|               | 130 | 66.3 | 27,330* | 67.8 | 25,560* | 69.2 | 19,510* |
|               | 140 | 64.2 | 26,900* | 65.7 | 25,070* | 67.1 | 18,700* |
| 250' (76.2 m) | 150 | 62.1 | 26,420* | 63.6 | 23,860* | 64.9 | 18,050* |
|               | 160 | 59.9 | 24,480  | 61.4 | 22,750* | 62.7 | 17,400* |
|               | 170 | 57.6 | 21,960  | 59.1 | 21,710* | 60.4 | 16,790* |
|               | 180 | 55.3 | 19,750  | 56.8 | 19,750  | 58.1 | 16,340* |
|               | 190 | 53.0 | 17,780  | 54.4 | 17,790  | 55.7 | 15,820* |
|               | 200 | 50.5 | 16,030  | 52.0 | 16,040  | 53.2 | 15,430* |
|               | 210 | 48.0 | 14,450  | 49.4 | 14,460  | 50.6 | 14,470  |
|               | 220 | 45.4 | 13,040  | 46.7 | 13,040  | 47.8 | 13,060  |
|               | 230 | 42.6 | 11,760  | 43.9 | 11,760  | 45.0 | 11,780  |
|               | 240 | 39.6 | 10,590  | 41.0 | 10,600  | 42.0 | 10,620  |
|               | 250 | 36.5 | 9,530   | 37.8 | 9,540   | 38.7 | 9,560   |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 53  | 81.9 | 32,000* | -    | -       | -    | -       |
|               | 60  | 80.6 | 31,550* | -    | -       | -    | -       |
|               | 70  | 78.7 | 30,900* | 80.3 | 27,990* | 81.7 | 25,870* |
|               | 80  | 76.8 | 30,200* | 78.4 | 27,560* | 79.8 | 25,250* |
|               | 90  | 74.9 | 29,650* | 76.5 | 27,100* | 77.9 | 23,870* |
|               | 100 | 73.0 | 28,990* | 74.5 | 26,750* | 75.9 | 22,670* |
|               | 110 | 71.1 | 28,450* | 72.6 | 26,260* | 74.0 | 21,570* |
|               | 120 | 69.1 | 27,890* | 70.6 | 25,880* | 72.0 | 20,630* |
|               | 130 | 67.1 | 27,430* | 68.6 | 25,520* | 69.9 | 19,800* |
|               | 140 | 65.1 | 27,030* | 66.6 | 25,210* | 67.9 | 18,990* |
| 260' (79.2 m) | 150 | 63.0 | 26,560* | 64.5 | 24,390* | 65.8 | 18,250* |
|               | 160 | 61.0 | 23,940  | 62.4 | 23,180* | 63.7 | 17,610* |
|               | 170 | 58.8 | 21,420  | 60.3 | 21,420  | 61.5 | 17,080* |
|               | 180 | 56.6 | 19,200  | 58.0 | 19,210  | 59.3 | 16,490* |
|               | 190 | 54.4 | 17,230  | 55.8 | 17,240  | 57.0 | 16,030* |
|               | 200 | 52.0 | 15,480  | 53.4 | 15,490  | 54.6 | 15,500  |
|               | 210 | 49.7 | 13,900  | 51.0 | 13,900  | 52.2 | 13,920  |
|               | 220 | 47.2 | 12,480  | 48.5 | 12,490  | 49.6 | 12,500  |
|               | 230 | 44.6 | 11,200  | 45.9 | 11,200  | 47.0 | 11,220  |
|               | 240 | 41.8 | 10,030  | 43.2 | 10,040  | 44.2 | 10,050  |
|               | 250 | 39.0 | 8,960   | 40.3 | 8,970   | 41.2 | 8,990   |
|               | 260 | 35.9 | 8,000   | 37.1 | 8,010   | 38.0 | 8,030   |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 54                | 82.0           | 31,970*         | -               | -               | -               | -               |
|               | 60                | 80.9           | 31,620*         | -               | -               | -               | -               |
|               | 70                | 79.1           | 30,990*         | 80.6            | 27,980*         | 82.0            | 25,820*         |
|               | 80                | 77.3           | 30,250*         | 78.7            | 27,580*         | 80.1            | 25,450*         |
|               | 90                | 75.4           | 29,720*         | 76.9            | 27,100*         | 78.3            | 24,060*         |
|               | 100               | 73.6           | 29,040*         | 75.0            | 26,760*         | 76.4            | 22,860*         |
|               | 110               | 71.7           | 28,490*         | 73.2            | 26,290*         | 74.5            | 21,850*         |
|               | 120               | 69.8           | 28,060*         | 71.2            | 25,990*         | 72.6            | 20,820*         |
|               | 130               | 67.9           | 27,560*         | 69.3            | 25,640*         | 70.6            | 20,010*         |
|               | 140               | 65.9           | 27,070*         | 67.4            | 25,270*         | 68.6            | 19,230*         |
| 270' (82.3 m) | 150               | 64.0           | 26,290          | 65.4            | 24,770*         | 66.6            | 18,490*         |
|               | 160               | 61.9           | 23,410          | 63.4            | 23,410          | 64.6            | 17,830*         |
|               | 170               | 59.9           | 20,870          | 61.3            | 20,880          | 62.5            | 17,250*         |
|               | 180               | 57.8           | 18,650          | 59.2            | 18,660          | 60.4            | 16,710*         |
|               | 190               | 55.6           | 16,680          | 57.0            | 16,690          | 58.2            | 16,250*         |
|               | 200               | 53.4           | 14,930          | 54.8            | 14,940          | 55.9            | 14,950          |
|               | 210               | 51.2           | 13,350          | 52.5            | 13,350          | 53.6            | 13,370          |
|               | 220               | 48.8           | 11,930          | 50.1            | 11,930          | 51.2            | 11,950          |
|               | 230               | 46.4           | 10,640          | 47.7            | 10,650          | 48.7            | 10,660          |
|               | 240               | 43.8           | 9,470           | 45.1            | 9,480           | 46.1            | 9,490           |
|               | 250               | 41.2           | 8,400           | 42.4            | 8,410           | 43.4            | 8,430           |
|               | 260               | 38.3           | 7,430           | 39.6            | 7,440           | 40.4            | 7,460           |
|               | 270               | 35.3           | 6,540           | 36.5            | 6,550           | 37.3            | 6,570           |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 56  | 81.9 | 31,660* | -    | -       | -    | -       |
|               | 60  | 81.2 | 31,490* | -    | -       | -    | -       |
|               | 70  | 79.4 | 30,900* | 80.9 | 27,920* | -    | -       |
|               | 80  | 77.7 | 30,240* | 79.1 | 27,470* | 80.4 | 25,370* |
|               | 90  | 75.9 | 29,630* | 77.3 | 27,080* | 78.6 | 24,320* |
|               | 100 | 74.1 | 29,080* | 75.5 | 26,650* | 76.8 | 23,150* |
|               | 110 | 72.3 | 28,540* | 73.7 | 26,300* | 75.0 | 22,050* |
|               | 120 | 70.4 | 28,010* | 71.8 | 25,890* | 73.1 | 21,120* |
|               | 130 | 68.6 | 27,510* | 70.0 | 25,550* | 71.3 | 20,180* |
|               | 140 | 66.7 | 27,090* | 68.1 | 25,310* | 69.3 | 19,470* |
| 280' (85.3 m) | 150 | 64.8 | 25,920  | 66.2 | 24,960* | 67.4 | 18,750* |
|               | 160 | 62.9 | 23,030  | 64.2 | 23,040  | 65.5 | 18,070* |
|               | 170 | 60.9 | 20,510  | 62.3 | 20,520  | 63.4 | 17,460* |
|               | 180 | 58.9 | 18,290  | 60.2 | 18,290  | 61.4 | 16,920* |
|               | 190 | 56.8 | 16,320  | 58.2 | 16,320  | 59.3 | 16,340  |
|               | 200 | 54.7 | 14,560  | 56.0 | 14,570  | 57.2 | 14,580  |
|               | 210 | 52.6 | 12,980  | 53.9 | 12,980  | 55.0 | 13,000  |
|               | 220 | 50.3 | 11,550  | 51.6 | 11,560  | 52.7 | 11,580  |
|               | 230 | 48.0 | 10,260  | 49.3 | 10,270  | 50.3 | 10,290  |
|               | 240 | 45.6 | 9,090   | 46.9 | 9,100   | 47.9 | 9,120   |
|               | 250 | 43.1 | 8,030   | 44.4 | 8,040   | 45.3 | 8,060   |
|               | 260 | 40.5 | 7,050   | 41.7 | 7,060   | 42.6 | 7,080   |
|               | 270 | 37.7 | 6,160   | 38.9 | 6,170   | 39.7 | 6,190   |
|               | 280 | 34.7 | 5,230*  | 35.9 | 5,360   | 36.7 | 5,380   |

4

HC 275

35



## With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

### 50' (15.2 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 | Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 57                | 81.9           | 31,620*         | -               | -               | -               | -               |               | 59                | 81.8           | 31,440*         | -               | -               | -               | -               |
|               | 60                | 81.4           | 31,390*         | -               | -               | -               | -               |               | 60                | 81.7           | 31,440*         | -               | -               | -               | -               |
|               | 70                | 79.7           | 30,860*         | 81.1            | 27,830*         | -               | -               |               | 70                | 80.0           | 30,790*         | 81.4            | 27,880*         | -               | -               |
|               | 80                | 78.0           | 30,160*         | 79.4            | 27,420*         | 80.7            | 25,250*         |               | 80                | 78.4           | 30,320*         | 79.7            | 27,430*         | 81.0            | 25,220*         |
|               | 90                | 76.3           | 29,590*         | 77.7            | 27,070*         | 79.0            | 24,510*         |               | 90                | 76.7           | 29,690*         | 78.0            | 27,070*         | 79.3            | 24,680*         |
|               | 100               | 74.6           | 29,120*         | 75.9            | 26,650*         | 77.2            | 23,320*         |               | 100               | 75.0           | 29,120*         | 76.4            | 26,730*         | 77.6            | 23,480*         |
|               | 110               | 72.8           | 28,570*         | 74.2            | 26,280*         | 75.4            | 22,250*         |               | 110               | 73.3           | 28,710*         | 74.6            | 26,340*         | 75.9            | 22,480*         |
|               | 120               | 71.0           | 28,030*         | 72.4            | 25,980*         | 73.7            | 21,260*         |               | 120               | 71.6           | 28,190*         | 72.9            | 25,910*         | 74.1            | 21,500*         |
|               | 130               | 69.2           | 27,550*         | 70.6            | 25,530*         | 71.8            | 20,470*         |               | 130               | 69.9           | 27,730*         | 71.2            | 25,590*         | 72.4            | 20,620*         |
|               | 140               | 67.4           | 27,100*         | 68.8            | 25,280*         | 70.0            | 19,640*         |               | 140               | 68.1           | 27,280*         | 69.4            | 25,320*         | 70.6            | 19,860*         |
|               | 150               | 65.6           | 26,400*         | 66.9            | 24,930*         | 68.1            | 18,920*         |               | 150               | 66.3           | 24,850*         | 67.6            | 24,850*         | 68.8            | 19,180*         |
|               | 160               | 63.7           | 22,510*         | 65.1            | 22,520*         | 66.2            | 18,290*         |               | 160               | 64.5           | 21,960*         | 65.8            | 21,960*         | 67.0            | 18,500*         |
| 290' (88.4 m) | 170               | 61.8           | 19,990*         | 63.2            | 19,990*         | 64.3            | 17,670*         | 300' (91.4 m) | 170               | 62.7           | 19,430*         | 64.0            | 19,440*         | 65.1            | 17,930*         |
|               | 180               | 59.9           | 17,750*         | 61.2            | 17,760*         | 62.4            | 17,160*         |               | 180               | 60.8           | 17,200*         | 62.1            | 17,200*         | 63.2            | 17,220*         |
|               | 190               | 57.9           | 15,780*         | 59.2            | 15,790*         | 60.4            | 15,800*         |               | 190               | 58.9           | 15,230*         | 60.2            | 15,230*         | 61.3            | 15,250*         |
|               | 200               | 55.9           | 14,020*         | 57.2            | 14,030*         | 58.3            | 14,040*         |               | 200               | 57.0           | 13,460*         | 58.3            | 13,460*         | 59.4            | 13,480*         |
|               | 210               | 53.8           | 12,440*         | 55.1            | 12,440*         | 56.2            | 12,460*         |               | 210               | 55.0           | 11,880*         | 56.3            | 11,890*         | 57.3            | 11,900*         |
|               | 220               | 51.7           | 11,010*         | 53.0            | 11,020*         | 54.0            | 11,040*         |               | 220               | 53.0           | 10,450*         | 54.2            | 10,460*         | 55.3            | 10,480*         |
|               | 230               | 49.5           | 9,720*          | 50.8            | 9,730*          | 51.8            | 9,750*          |               | 230               | 50.9           | 9,160*          | 52.1            | 9,170*          | 53.2            | 9,180*          |
|               | 240               | 47.3           | 8,550*          | 48.5            | 8,560*          | 49.5            | 8,580*          |               | 240               | 48.8           | 7,980*          | 50.0            | 7,990*          | 51.0            | 8,010*          |
|               | 250               | 44.9           | 7,480*          | 46.1            | 7,490*          | 47.1            | 7,510*          |               | 250               | 46.5           | 6,900*          | 47.7            | 6,910*          | 48.7            | 6,930*          |
|               | 260               | 42.4           | 6,500*          | 43.6            | 6,510*          | 44.6            | 6,530*          |               | 260               | 44.2           | 5,910*          | 45.4            | 5,940*          | 46.3            | 5,960*          |
|               | 270               | 39.9           | 5,610*          | 41.0            | 5,620*          | 41.9            | 5,640*          |               | 270               | 41.8           | 4,750*          | 43.0            | 5,040*          | 43.8            | 5,060*          |
|               | 280               | 37.1           | 4,480*          | 38.3            | 4,800*          | 39.1            | 4,820*          |               | 280               | 39.3           | 3,630*          | 40.4            | 3,970*          | 41.2            | 4,220*          |
|               | 290               | 34.2           | 3,360*          | 35.3            | 3,670*          | 36.0            | 3,890*          |               | 290               | 36.6           | 2,570*          | 37.7            | 2,890*          | 38.4            | 3,120*          |

### 60' (18.3 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 | Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 40                | 81.8           | 30,030*         | -               | -               | -               | -               |               | 43                | 81.8           | 29,870*         | -               | -               | -               | -               |
|               | 50                | 79.1           | 28,950*         | 81.8            | 26,180*         | -               | -               |               | 50                | 80.0           | 29,150*         | -               | -               | -               | -               |
|               | 60                | 76.3           | 27,870*         | 79.0            | 25,360*         | 81.6            | 22,670*         |               | 60                | 77.5           | 28,190*         | 80.0            | 25,510*         | -               | -               |
|               | 70                | 73.5           | 26,880*         | 76.2            | 24,650*         | 78.7            | 20,790*         |               | 70                | 75.0           | 27,200*         | 77.4            | 24,870*         | 79.8            | 21,340*         |
| 150' (45.7 m) | 80                | 70.6           | 25,950*         | 73.3            | 24,000*         | 75.8            | 19,280*         |               | 80                | 72.4           | 26,360*         | 74.8            | 24,190*         | 77.1            | 19,850*         |
|               | 90                | 67.7           | 25,120*         | 70.4            | 23,320*         | 72.8            | 17,970*         |               | 90                | 69.7           | 25,550*         | 72.2            | 23,560*         | 74.4            | 18,510*         |
|               | 100               | 64.7           | 24,360*         | 67.3            | 22,130*         | 69.8            | 16,830*         | 170' (51.8 m) | 100               | 67.0           | 24,870*         | 69.5            | 23,060*         | 71.7            | 17,410*         |
|               | 110               | 61.6           | 23,680*         | 64.2            | 20,490*         | 66.6            | 15,840*         |               | 110               | 64.3           | 24,190*         | 66.7            | 21,630*         | 68.9            | 16,440*         |
|               | 120               | 58.5           | 23,060*         | 61.1            | 19,080*         | 63.4            | 15,030*         |               | 120               | 61.5           | 23,520*         | 63.9            | 20,230*         | 66.0            | 15,590*         |
|               | 130               | 55.2           | 21,770*         | 57.7            | 17,920*         | 60.0            | 14,290*         |               | 130               | 58.6           | 23,020*         | 61.0            | 19,010*         | 63.0            | 14,900*         |
| 140           | 51.8              | 20,300*        | 54.3            | 16,860*         | 56.4            | 13,670*         | 140             |               | 55.6              | 21,950*        | 57.9            | 17,920*         | 60.0            | 14,210*         |                 |
| 150           | 48.1              | 19,030*        | 50.6            | 15,990*         | 52.7            | 13,120*         | 150             |               | 52.5              | 20,520*        | 54.8            | 16,930*         | 56.8            | 13,670*         |                 |
|               | 41                | 82.0           | 30,100*         | -               | -               | -               | -               |               | 160               | 49.3           | 19,280*         | 51.5            | 16,110*         | 53.4            | 13,150*         |
|               | 50                | 79.6           | 29,040*         | -               | -               | -               | -               |               | 170               | 45.9           | 18,220*         | 48.1            | 15,360*         | 49.9            | 12,700*         |
|               | 60                | 76.9           | 27,960*         | 79.5            | 25,480*         | 82.0            | 22,840*         |               | 44                | 81.9           | 29,770*         | -               | -               | -               | -               |
|               | 70                | 74.3           | 27,100*         | 76.8            | 24,710*         | 79.3            | 21,050*         |               | 50                | 80.5           | 29,210*         | -               | -               | -               | -               |
|               | 80                | 71.5           | 26,150*         | 74.1            | 24,050*         | 76.5            | 19,550*         |               | 60                | 78.0           | 28,160*         | 80.4            | 25,490*         | -               | -               |
|               | 90                | 68.8           | 25,410*         | 71.3            | 23,490*         | 73.7            | 18,280*         |               | 70                | 75.6           | 27,270*         | 78.0            | 24,890*         | 80.2            | 21,580*         |
| 160' (48.8 m) | 100               | 65.9           | 24,630*         | 68.5            | 22,760*         | 70.8            | 17,160*         |               | 80                | 73.1           | 26,450*         | 75.5            | 24,310*         | 77.7            | 20,130*         |
|               | 110               | 63.0           | 23,910*         | 65.5            | 21,040*         | 67.8            | 16,160*         |               | 90                | 70.6           | 25,720*         | 72.9            | 23,710*         | 75.1            | 18,800*         |
|               | 120               | 60.1           | 23,340*         | 62.5            | 19,690*         | 64.8            | 15,350*         | 180' (54.9 m) | 100               | 68.1           | 25,010*         | 70.4            | 23,190*         | 72.5            | 17,680*         |
|               | 130               | 57.0           | 22,620*         | 59.4            | 18,470*         | 61.6            | 14,590*         |               | 110               | 65.5           | 24,340*         | 67.8            | 22,220*         | 69.9            | 16,710*         |
|               | 140               | 53.8           | 21,100*         | 56.2            | 17,420*         | 58.3            | 13,930*         |               | 120               | 62.8           | 23,770*         | 65.1            | 20,760*         | 67.1            | 15,880*         |
|               | 150               | 50.5           | 19,730*         | 52.9            | 16,460*         | 54.9            | 13,370*         |               | 130               | 60.1           | 23,170*         | 62.3            | 19,470*         | 64.3            | 15,140*         |
|               | 160               | 47.0           | 18,600*         | 49.3            | 15,670*         | 51.3            | 12,920*         |               | 140               | 57.2           | 22,710*         | 59.5            | 18,420*         | 61.5            | 14,480*         |
|               |                   |                |                 |                 |                 |                 |                 |               | 150               | 54.3           | 21,240*         | 56.6            | 17,400*         | 58.5            | 13,920*         |
|               |                   |                |                 |                 |                 |                 | 160             |               | 51.3              | 19,970*        | 53.5            | 16,550*         | 55.4            | 13,380*         |                 |
|               |                   |                |                 |                 |                 |                 | 170             |               | 48.2              | 18,880*        | 50.3            | 15,790*         | 52.1            | 12,920*         |                 |
|               |                   |                |                 |                 |                 |                 | 180             | 44.8          | 17,910*           | 46.9           | 15,150*         | 48.7            | 12,530*         |                 |                 |

195 klb + 64 klb CB

360°

ANSI B 30.5  
 DIN/ISO

60' (18.3 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 45                | 82.0           | 29,710*         | -               | -               | -               | -               |
|               | 50                | 80.8           | 29,210*         | -               | -               | -               | -               |
|               | 60                | 78.5           | 28,290*         | 80.8            | 25,540*         | -               | -               |
|               | 70                | 76.2           | 27,490*         | 78.5            | 24,940*         | 80.6            | 21,800*         |
|               | 80                | 73.8           | 26,660*         | 76.1            | 24,350*         | 78.2            | 20,350*         |
|               | 90                | 71.4           | 25,900*         | 73.7            | 23,770*         | 75.8            | 19,060*         |
| 190' (57.9 m) | 100               | 69.0           | 25,230*         | 71.2            | 23,250*         | 73.3            | 17,920*         |
|               | 110               | 66.5           | 24,580*         | 68.7            | 22,760*         | 70.7            | 16,970*         |
|               | 120               | 64.0           | 23,950*         | 66.2            | 21,310*         | 68.2            | 16,120*         |
|               | 130               | 61.4           | 23,410*         | 63.6            | 20,020*         | 65.5            | 15,390*         |
|               | 140               | 58.7           | 22,870*         | 60.9            | 18,830*         | 62.8            | 14,750*         |
|               | 150               | 56.0           | 22,030*         | 58.1            | 17,850*         | 60.0            | 14,150*         |
|               | 160               | 53.1           | 20,690*         | 55.3            | 17,020*         | 57.1            | 13,650*         |
|               | 170               | 50.2           | 19,520*         | 52.3            | 16,240*         | 54.0            | 13,160*         |
|               | 180               | 47.1           | 18,550*         | 49.2            | 15,530*         | 50.9            | 12,750*         |
|               | 190               | 43.9           | 17,640*         | 45.9            | 14,930*         | 47.5            | 12,400*         |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 47  | 81.9 | 29,610* | -    | -       | -    | -       |
|               | 50  | 81.2 | 29,340* | -    | -       | -    | -       |
|               | 60  | 79.0 | 28,400* | 81.2 | 25,630* | -    | -       |
|               | 70  | 76.7 | 27,580* | 78.9 | 24,990* | 81.0 | 22,020* |
|               | 80  | 74.4 | 26,870* | 76.6 | 24,380* | 78.7 | 20,570* |
|               | 90  | 72.2 | 26,060* | 74.3 | 23,910* | 76.3 | 19,270* |
|               | 100 | 69.8 | 25,380* | 72.0 | 23,380* | 74.0 | 18,220* |
|               | 110 | 67.5 | 24,810* | 69.6 | 22,900* | 71.5 | 17,260* |
| 200' (61.0 m) | 120 | 65.0 | 24,210* | 67.2 | 21,740* | 69.1 | 16,370* |
|               | 130 | 62.6 | 23,600* | 64.7 | 20,510* | 66.6 | 15,670* |
|               | 140 | 60.1 | 23,100* | 62.1 | 19,340* | 64.0 | 14,970* |
|               | 150 | 57.5 | 22,600* | 59.5 | 18,310* | 61.3 | 14,390* |
|               | 160 | 54.8 | 21,440* | 56.8 | 17,430* | 58.6 | 13,840* |
|               | 170 | 52.0 | 20,240* | 54.0 | 16,630* | 55.8 | 13,390* |
|               | 180 | 49.1 | 19,140* | 51.1 | 15,940* | 52.8 | 12,950* |
|               | 190 | 46.1 | 18,260* | 48.1 | 15,280* | 49.7 | 12,580* |
|               | 200 | 42.9 | 17,400* | 44.9 | 14,720* | 46.4 | 12,300* |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 48  | 82.0 | 29,500* | -    | -       | -    | -       |
|               | 50  | 81.5 | 29,340* | -    | -       | -    | -       |
|               | 60  | 79.4 | 28,510* | 81.5 | 25,620* | -    | -       |
|               | 70  | 77.2 | 27,670* | 79.3 | 25,030* | 81.3 | 22,180* |
|               | 80  | 75.0 | 26,950* | 77.1 | 24,420* | 79.1 | 20,730* |
|               | 90  | 72.8 | 26,170* | 74.9 | 23,920* | 76.9 | 19,530* |
|               | 100 | 70.6 | 25,550* | 72.7 | 23,500* | 74.6 | 18,450* |
|               | 110 | 68.3 | 24,900* | 70.4 | 22,980* | 72.3 | 17,450* |
| 210' (64.0 m) | 120 | 66.0 | 24,340* | 68.1 | 22,290* | 69.9 | 16,640* |
|               | 130 | 63.7 | 23,830* | 65.7 | 20,990* | 67.5 | 15,870* |
|               | 140 | 61.3 | 23,340* | 63.3 | 19,770* | 65.1 | 15,180* |
|               | 150 | 58.8 | 22,830* | 60.8 | 18,750* | 62.6 | 14,610* |
|               | 160 | 56.3 | 22,070* | 58.3 | 17,870* | 60.0 | 14,070* |
|               | 170 | 53.7 | 20,860* | 55.6 | 17,010* | 57.3 | 13,590* |
|               | 180 | 51.0 | 19,790* | 52.9 | 16,330* | 54.5 | 13,170* |
|               | 190 | 48.2 | 18,770* | 50.1 | 15,640* | 51.6 | 12,790* |
|               | 200 | 45.2 | 17,900* | 47.1 | 15,060* | 48.6 | 12,450* |
|               | 210 | 42.1 | 16,770  | 43.9 | 14,550* | 45.4 | 12,170* |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 50                | 81.8           | 29,370*         | -               | -               | -               | -               |
|               | 60                | 79.8           | 28,600*         | 81.8            | 25,610*         | -               | -               |
|               | 70                | 77.7           | 27,760*         | 79.7            | 25,090*         | 81.6            | 22,330*         |
|               | 80                | 75.6           | 27,080*         | 77.6            | 24,560*         | 79.5            | 20,940*         |
|               | 90                | 73.5           | 26,330*         | 75.5            | 24,050*         | 77.4            | 19,750*         |
|               | 100               | 71.3           | 25,710*         | 73.3            | 23,500*         | 75.2            | 18,630*         |
|               | 110               | 69.1           | 25,090*         | 71.1            | 23,090*         | 73.0            | 17,690*         |
|               | 120               | 66.9           | 24,550*         | 68.9            | 22,630*         | 70.7            | 16,870*         |
| 220' (67.1 m) | 130               | 64.7           | 23,970*         | 66.7            | 21,430*         | 68.4            | 16,100*         |
|               | 140               | 62.4           | 23,420*         | 64.3            | 20,220*         | 66.1            | 15,410*         |
|               | 150               | 60.1           | 22,950*         | 62.0            | 19,180*         | 63.7            | 14,850*         |
|               | 160               | 57.6           | 22,580*         | 59.6            | 18,280*         | 61.2            | 14,260*         |
|               | 170               | 55.2           | 21,460*         | 57.1            | 17,430*         | 58.7            | 13,800*         |
|               | 180               | 52.6           | 20,380*         | 54.5            | 16,690*         | 56.1            | 13,350*         |
|               | 190               | 50.0           | 19,380*         | 51.8            | 15,990*         | 53.4            | 12,950*         |
|               | 200               | 47.2           | 17,780          | 49.1            | 15,410*         | 50.6            | 12,600*         |
|               | 210               | 44.3           | 16,210          | 46.1            | 14,890*         | 47.6            | 12,310*         |
|               | 220               | 41.3           | 14,800          | 43.0            | 14,400*         | 44.4            | 12,040*         |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 51  | 81.9 | 29,250* | -    | -       | -    | -       |
|               | 60  | 80.1 | 28,490* | -    | -       | -    | -       |
|               | 70  | 78.1 | 27,810* | 80.1 | 25,000* | 81.9 | 22,520* |
|               | 80  | 76.1 | 27,090* | 78.1 | 24,460* | 79.9 | 21,120* |
|               | 90  | 74.0 | 26,460* | 76.0 | 24,010* | 77.8 | 19,940* |
|               | 100 | 72.0 | 25,760* | 73.9 | 23,590* | 75.7 | 18,840* |
|               | 110 | 69.9 | 25,180* | 71.8 | 23,110* | 73.6 | 17,920* |
|               | 120 | 67.8 | 24,580* | 69.7 | 22,700* | 71.4 | 17,080* |
| 230' (70.1 m) | 130 | 65.6 | 24,050* | 67.5 | 21,820* | 69.2 | 16,340* |
|               | 140 | 63.4 | 23,600* | 65.3 | 20,680* | 67.0 | 15,610* |
|               | 150 | 61.2 | 23,140* | 63.1 | 19,560* | 64.7 | 15,000* |
|               | 160 | 58.9 | 22,700* | 60.8 | 18,640* | 62.4 | 14,450* |
|               | 170 | 56.5 | 22,130* | 58.4 | 17,810* | 60.0 | 13,970* |
|               | 180 | 54.1 | 21,000* | 56.0 | 17,010* | 57.5 | 13,560* |
|               | 190 | 51.6 | 19,180  | 53.4 | 16,350* | 55.0 | 13,120* |
|               | 200 | 49.0 | 17,430  | 50.8 | 15,760* | 52.3 | 12,760* |
|               | 210 | 46.3 | 15,860  | 48.1 | 15,170* | 49.5 | 12,470* |
|               | 220 | 43.5 | 14,440  | 45.2 | 14,450  | 46.6 | 12,190* |
|               | 230 | 40.5 | 13,170  | 42.2 | 13,180  | 43.5 | 11,970* |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 52  | 82.0 | 29,120* | -    | -       | -    | -       |
|               | 60  | 80.4 | 28,510* | -    | -       | -    | -       |
|               | 70  | 78.5 | 27,780* | 80.4 | 24,980* | -    | -       |
|               | 80  | 76.6 | 27,120* | 78.5 | 24,490* | 80.2 | 21,330* |
|               | 90  | 74.6 | 26,490* | 76.5 | 24,010* | 78.2 | 20,080* |
|               | 100 | 72.6 | 25,920* | 74.5 | 23,580* | 76.2 | 19,070* |
|               | 110 | 70.6 | 25,240* | 72.5 | 23,210* | 74.2 | 18,130* |
|               | 120 | 68.6 | 24,700* | 70.4 | 22,730* | 72.1 | 17,290* |
| 240' (73.2 m) | 130 | 66.5 | 24,260* | 68.3 | 22,300* | 70.0 | 16,530* |
|               | 140 | 64.4 | 23,730* | 66.2 | 21,070* | 67.9 | 15,860* |
|               | 150 | 62.2 | 23,300* | 64.1 | 20,030* | 65.7 | 15,250* |
|               | 160 | 60.0 | 22,860* | 61.9 | 19,040* | 63.4 | 14,670* |
|               | 170 | 57.8 | 22,470* | 59.6 | 18,140* | 61.2 | 14,200* |
|               | 180 | 55.5 | 20,610  | 57.3 | 17,380* | 58.8 | 13,710* |
|               | 190 | 53.1 | 18,640  | 54.9 | 16,700* | 56.4 | 13,290* |
|               | 200 | 50.7 | 16,890  | 52.4 | 16,050* | 53.9 | 12,920* |
|               | 210 | 48.2 | 15,320  | 49.9 | 15,330  | 51.3 | 12,630* |
|               | 220 | 45.5 | 13,910  | 47.2 | 13,910  | 48.6 | 12,350* |
|               | 230 | 42.7 | 12,630  | 44.4 | 12,640  | 45.7 | 12,070* |
|               | 240 | 39.8 | 11,460  | 41.4 | 11,470  | 42.6 | 11,490  |

4

HC 275

37



## With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

60' (18.3 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 54                | 81.9           | 29,020*         | -               | -               | -               | -               |
|               | 60                | 80.8           | 28,640*         | -               | -               | -               | -               |
|               | 70                | 78.9           | 27,980*         | 80.7            | 25,040*         | -               | -               |
|               | 80                | 77.0           | 27,240*         | 78.8            | 24,530*         | 80.6            | 21,440*         |
|               | 90                | 75.1           | 26,610*         | 76.9            | 24,100*         | 78.6            | 20,320*         |
|               | 100               | 73.2           | 26,030*         | 75.0            | 23,650*         | 76.7            | 19,270*         |
|               | 110               | 71.2           | 25,480*         | 73.0            | 23,300*         | 74.7            | 18,300*         |
|               | 120               | 69.3           | 24,840*         | 71.1            | 22,830*         | 72.7            | 17,450*         |
|               | 130               | 67.3           | 24,380*         | 69.1            | 22,440*         | 70.7            | 16,710*         |
|               | 140               | 65.3           | 23,930*         | 67.0            | 21,480*         | 68.6            | 16,070*         |
| 250' (76.2 m) | 150               | 63.2           | 23,480*         | 65.0            | 20,450*         | 66.5            | 15,400*         |
|               | 160               | 61.1           | 22,960*         | 62.9            | 19,440*         | 64.4            | 14,840*         |
|               | 170               | 59.0           | 22,260*         | 60.7            | 18,580*         | 62.2            | 14,360*         |
|               | 180               | 56.8           | 20,040*         | 58.5            | 17,740*         | 60.0            | 13,900*         |
|               | 190               | 54.5           | 18,070*         | 56.2            | 17,050*         | 57.7            | 13,460*         |
|               | 200               | 52.2           | 16,320*         | 53.9            | 16,330*         | 55.3            | 13,100*         |
|               | 210               | 49.8           | 14,750*         | 51.5            | 14,760*         | 52.9            | 12,790*         |
|               | 220               | 47.3           | 13,320*         | 49.0            | 13,330*         | 50.3            | 12,500*         |
|               | 230               | 44.7           | 12,040*         | 46.3            | 12,050*         | 47.6            | 12,070*         |
|               | 240               | 42.0           | 10,880*         | 43.6            | 10,890*         | 44.8            | 10,910*         |
|               | 250               | 39.1           | 9,810*          | 40.7            | 9,830*          | 41.8            | 9,850*          |

|               |      |        |         |        |         |        |         |
|---------------|------|--------|---------|--------|---------|--------|---------|
|               | 55   | 82.0   | 28,970* | -      | -       | -      | -       |
|               | 60   | 81.0   | 28,640* | -      | -       | -      | -       |
|               | 70   | 79.2   | 27,940* | 81.0   | 24,990* | -      | -       |
|               | 80   | 77.4   | 27,360* | 79.2   | 24,570* | 80.9   | 21,650* |
|               | 90   | 75.6   | 26,720* | 77.3   | 24,080* | 79.0   | 20,430* |
|               | 100  | 73.7   | 26,060* | 75.5   | 23,730* | 77.1   | 19,470* |
|               | 110  | 71.8   | 25,510* | 73.6   | 23,290* | 75.2   | 18,470* |
|               | 120  | 70.0   | 24,980* | 71.7   | 22,880* | 73.3   | 17,630* |
|               | 130  | 68.0   | 24,520* | 69.8   | 22,540* | 71.3   | 16,920* |
|               | 140  | 66.1   | 24,000* | 67.8   | 21,850* | 69.4   | 16,260* |
| 260' (79.2 m) | 150  | 64.1   | 23,530* | 65.8   | 20,830* | 67.4   | 15,620* |
|               | 160  | 62.1   | 23,090* | 63.8   | 19,810* | 65.3   | 15,040* |
|               | 170  | 60.0   | 21,720* | 61.7   | 18,920* | 63.2   | 14,510* |
|               | 180  | 57.9   | 19,500* | 59.6   | 18,100* | 61.1   | 14,070* |
|               | 190  | 55.8   | 17,530* | 57.5   | 17,410* | 58.9   | 13,630* |
|               | 200  | 53.6   | 15,770* | 55.2   | 15,780* | 56.6   | 13,260* |
|               | 210  | 51.3   | 14,200* | 52.9   | 14,200* | 54.3   | 12,900* |
|               | 220  | 49.0   | 12,780* | 50.6   | 12,790* | 51.9   | 12,600* |
|               | 230  | 46.5   | 11,490* | 48.1   | 11,500* | 49.4   | 11,520* |
|               | 240  | 44.0   | 10,320* | 45.5   | 10,330* | 46.8   | 10,350* |
|               | 250  | 41.3   | 9,250*  | 42.8   | 9,260*  | 44.0   | 9,280*  |
| 260           | 38.5 | 8,290* | 40.0    | 8,300* | 41.1    | 8,320* |         |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 57                | 81.8           | 28,790*         | -               | -               | -               | -               |
|               | 60                | 81.3           | 28,660*         | -               | -               | -               | -               |
|               | 70                | 79.6           | 28,010*         | 81.3            | 25,050*         | -               | -               |
|               | 80                | 77.8           | 27,350*         | 79.5            | 24,580*         | 81.2            | 21,760*         |
|               | 90                | 76.0           | 26,720*         | 77.7            | 24,160*         | 79.4            | 20,640*         |
|               | 100               | 74.2           | 26,180*         | 75.9            | 23,690*         | 77.5            | 19,630*         |
|               | 110               | 72.4           | 25,550*         | 74.1            | 23,360*         | 75.7            | 18,710*         |
|               | 120               | 70.6           | 25,080*         | 72.3            | 22,950*         | 73.8            | 17,820*         |
|               | 130               | 68.7           | 24,530*         | 70.4            | 22,610*         | 72.0            | 17,090*         |
|               | 140               | 66.9           | 24,120*         | 68.5            | 22,270*         | 70.0            | 16,370*         |
| 270' (82.3 m) | 150               | 65.0           | 23,700*         | 66.6            | 21,160*         | 68.1            | 15,810*         |
|               | 160               | 63.0           | 23,240*         | 64.7            | 20,130*         | 66.1            | 15,210*         |
|               | 170               | 61.0           | 21,180*         | 62.7            | 19,280*         | 64.1            | 14,680*         |
|               | 180               | 59.0           | 18,960*         | 60.7            | 18,470*         | 62.1            | 14,230*         |
|               | 190               | 57.0           | 16,980*         | 58.6            | 16,990*         | 60.0            | 13,820*         |
|               | 200               | 54.9           | 15,220*         | 56.5            | 15,230*         | 57.8            | 13,440*         |
|               | 210               | 52.7           | 13,650*         | 54.3            | 13,650*         | 55.6            | 13,070*         |
|               | 220               | 50.5           | 12,210*         | 52.0            | 12,220*         | 53.3            | 12,240*         |
|               | 230               | 48.2           | 10,930*         | 49.7            | 10,930*         | 51.0            | 10,950*         |
|               | 240               | 45.8           | 9,760*          | 47.3            | 9,770*          | 48.5            | 9,790*          |
|               | 250               | 43.3           | 8,690*          | 44.8            | 8,700*          | 45.9            | 8,720*          |
| 260           | 40.6              | 7,710*         | 42.1            | 7,720*          | 43.2            | 7,750*          |                 |
| 270           | 37.9              | 6,820*         | 39.3            | 6,830*          | 40.3            | 6,860*          |                 |

|               |      |        |         |        |         |        |         |
|---------------|------|--------|---------|--------|---------|--------|---------|
|               | 58   | 81.9   | 28,640* | -      | -       | -      | -       |
|               | 60   | 81.6   | 28,480* | -      | -       | -      | -       |
|               | 70   | 79.9   | 27,810* | 81.6   | 24,900* | -      | -       |
|               | 80   | 78.2   | 27,230* | 79.8   | 24,450* | 81.4   | 21,920* |
|               | 90   | 76.4   | 26,690* | 78.1   | 24,100* | 79.7   | 20,750* |
|               | 100  | 74.7   | 26,070* | 76.4   | 23,630* | 77.9   | 19,770* |
|               | 110  | 72.9   | 25,550* | 74.6   | 23,260* | 76.1   | 18,860* |
|               | 120  | 71.2   | 25,090* | 72.8   | 22,930* | 74.3   | 17,980* |
|               | 130  | 69.4   | 24,590* | 71.0   | 22,600* | 72.5   | 17,270* |
|               | 140  | 67.6   | 24,140* | 69.2   | 22,190* | 70.7   | 16,560* |
| 280' (85.3 m) | 150  | 65.7   | 23,670* | 67.4   | 21,510* | 68.8   | 16,000* |
|               | 160  | 63.9   | 23,280* | 65.5   | 20,490* | 66.9   | 15,370* |
|               | 170  | 62.0   | 20,810* | 63.6   | 19,650* | 65.0   | 14,910* |
|               | 180  | 60.0   | 18,580* | 61.6   | 18,590* | 63.0   | 14,430* |
|               | 190  | 58.1   | 16,610* | 59.6   | 16,620* | 61.0   | 13,990* |
|               | 200  | 56.1   | 14,840* | 57.6   | 14,850* | 59.0   | 13,610* |
|               | 210  | 54.0   | 13,270* | 55.5   | 13,280* | 56.8   | 13,240* |
|               | 220  | 51.9   | 11,840* | 53.4   | 11,850* | 54.7   | 11,870* |
|               | 230  | 49.7   | 10,550* | 51.2   | 10,560* | 52.4   | 10,580* |
|               | 240  | 47.4   | 9,370*  | 48.9   | 9,380*  | 50.1   | 9,400*  |
|               | 250  | 45.0   | 8,310*  | 46.5   | 8,320*  | 47.7   | 8,340*  |
| 260           | 42.6 | 7,330* | 44.0    | 7,340* | 45.2    | 7,360* |         |
| 270           | 40.0 | 6,440* | 41.4    | 6,450* | 42.5    | 6,470* |         |
| 280           | 37.3 | 5,620* | 38.7    | 5,630* | 39.6    | 5,650* |         |

195 klb + 64 klb CB

360°

ANSI B 30.5  
 DIN/ISO

60' (18.3 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 59                | 82.0           | 28,420*         | -               | -               | -               | -               |
|               | 60                | 81.8           | 28,400*         | -               | -               | -               | -               |
|               | 70                | 80.2           | 27,820*         | 81.8            | 24,850*         | -               | -               |
|               | 80                | 78.5           | 27,260*         | 80.1            | 24,460*         | 81.7            | 22,010*         |
|               | 90                | 76.8           | 26,670*         | 78.5            | 24,010*         | 80.0            | 20,910*         |
|               | 100               | 75.1           | 26,170*         | 76.8            | 23,690*         | 78.3            | 19,920*         |
|               | 110               | 73.4           | 25,640*         | 75.1            | 23,230*         | 76.6            | 19,040*         |
|               | 120               | 71.7           | 25,060*         | 73.3            | 22,890*         | 74.8            | 18,210*         |
|               | 130               | 70.0           | 24,660*         | 71.6            | 22,550*         | 73.1            | 17,420*         |
|               | 140               | 68.2           | 24,150*         | 69.8            | 22,200*         | 71.3            | 16,770*         |
|               | 150               | 66.5           | 23,750*         | 68.1            | 21,870*         | 69.5            | 16,090*         |
|               | 160               | 64.7           | 22,800          | 66.2            | 20,840*         | 67.6            | 15,590*         |
| 290' (88.4 m) | 170               | 62.8           | 20,270          | 64.4            | 19,980*         | 65.8            | 15,050*         |
|               | 180               | 61.0           | 18,050          | 62.5            | 18,060          | 63.9            | 14,600*         |
|               | 190               | 59.1           | 16,080          | 60.6            | 16,080          | 62.0            | 14,150*         |
|               | 200               | 57.2           | 14,320          | 58.7            | 14,320          | 60.0            | 13,740*         |
|               | 210               | 55.2           | 12,730          | 56.7            | 12,740          | 58.0            | 12,750          |
|               | 220               | 53.1           | 11,300          | 54.6            | 11,310          | 55.9            | 11,330          |
|               | 230               | 51.1           | 10,010          | 52.5            | 10,020          | 53.8            | 10,040          |
|               | 240               | 48.9           | 8,840           | 50.4            | 8,850           | 51.6            | 8,870           |
|               | 250               | 46.7           | 7,760           | 48.1            | 7,770           | 49.3            | 7,790           |
|               | 260               | 44.4           | 6,780           | 45.8            | 6,790           | 46.9            | 6,810           |
| 270           | 41.9              | 5,890          | 43.3            | 5,900           | 44.4            | 5,930           |                 |
| 280           | 39.4              | 4,900*         | 40.8            | 5,070           | 41.8            | 5,090           |                 |
| 290           | 36.7              | 3,820*         | 38.0            | 4,190*          | 39.0            | 4,350           |                 |

70' (21.3 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 46                | 82.0           | 22,290*         | -               | -               | -               | -               |
|               | 50                | 81.0           | 21,900*         | -               | -               | -               | -               |
|               | 60                | 78.7           | 21,140*         | 81.4            | 18,910*         | -               | -               |
|               | 70                | 76.4           | 20,340*         | 79.0            | 18,320*         | 81.6            | 16,670*         |
|               | 80                | 74.0           | 19,640*         | 76.7            | 17,790*         | 79.2            | 16,300*         |
|               | 90                | 71.6           | 19,050*         | 74.2            | 17,290*         | 76.7            | 15,820*         |
| 180' (54.9 m) | 100               | 69.2           | 18,450*         | 71.8            | 16,840*         | 74.2            | 15,430*         |
|               | 110               | 66.7           | 17,890*         | 69.3            | 16,430*         | 71.7            | 14,570*         |
|               | 120               | 64.2           | 17,410*         | 66.7            | 15,920*         | 69.1            | 13,830*         |
|               | 130               | 61.6           | 16,930*         | 64.1            | 15,450*         | 66.4            | 13,170*         |
|               | 140               | 58.9           | 16,440*         | 61.5            | 15,070*         | 63.7            | 12,590*         |
|               | 150               | 56.2           | 15,870*         | 58.7            | 14,730*         | 60.9            | 12,040*         |
|               | 160               | 53.3           | 15,460*         | 55.8            | 14,380*         | 58.0            | 11,560*         |
|               | 170               | 50.4           | 15,000*         | 52.8            | 13,780*         | 54.9            | 11,160*         |
|               | 180               | 47.3           | 14,660*         | 49.7            | 13,160*         | 51.7            | 10,800*         |
|               |                   | 48             | 81.8            | 22,170*         | -               | -               | -               |
|               | 50                | 81.4           | 21,960*         | -               | -               | -               | -               |
|               | 60                | 79.2           | 21,160*         | 81.7            | 18,910*         | -               | -               |
|               | 70                | 76.9           | 20,440*         | 79.5            | 18,380*         | 81.9            | 16,710*         |
|               | 80                | 74.6           | 19,760*         | 77.2            | 17,850*         | 79.6            | 16,330*         |
|               | 90                | 72.3           | 19,200*         | 74.9            | 17,390*         | 77.3            | 15,910*         |
| 190' (57.9 m) | 100               | 70.0           | 18,590*         | 72.5            | 16,950*         | 74.9            | 15,440*         |
|               | 110               | 67.6           | 18,060*         | 70.1            | 16,530*         | 72.5            | 14,820*         |
|               | 120               | 65.2           | 17,540*         | 67.7            | 16,030*         | 70.0            | 14,060*         |
|               | 130               | 62.8           | 17,090*         | 65.2            | 15,630*         | 67.5            | 13,360*         |
|               | 140               | 60.2           | 16,600*         | 62.7            | 15,200*         | 64.9            | 12,780*         |
|               | 150               | 57.7           | 16,120*         | 60.1            | 14,870*         | 62.2            | 12,250*         |
|               | 160               | 55.0           | 15,670*         | 57.4            | 14,540*         | 59.5            | 11,750*         |
|               | 170               | 52.2           | 15,220*         | 54.6            | 14,120*         | 56.6            | 11,360*         |
|               | 180               | 49.3           | 14,840*         | 51.7            | 13,490*         | 53.7            | 11,000*         |
|               | 190               | 46.3           | 14,550*         | 48.6            | 12,910*         | 50.5            | 10,660*         |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 49                | 81.9           | 22,090*         | -               | -               | -               | -               |
|               | 50                | 81.7           | 22,010*         | -               | -               | -               | -               |
|               | 60                | 79.6           | 21,260*         | -               | -               | -               | -               |
|               | 70                | 77.4           | 20,610*         | 79.9            | 18,440*         | -               | -               |
|               | 80                | 75.2           | 19,960*         | 77.7            | 17,910*         | 80.0            | 16,350*         |
|               | 90                | 73.0           | 19,310*         | 75.5            | 17,470*         | 77.8            | 15,920*         |
|               | 100               | 70.8           | 18,710*         | 73.2            | 17,040*         | 75.5            | 15,500*         |
|               | 110               | 68.5           | 18,220*         | 70.9            | 16,630*         | 73.2            | 15,010*         |
| 200' (61.0 m) | 120               | 66.2           | 17,680*         | 68.6            | 16,210*         | 70.8            | 14,210*         |
|               | 130               | 63.9           | 17,250*         | 66.2            | 15,770*         | 68.4            | 13,560*         |
|               | 140               | 61.5           | 16,770*         | 63.8            | 15,330*         | 65.9            | 12,990*         |
|               | 150               | 59.0           | 16,360*         | 61.3            | 14,960*         | 63.4            | 12,410*         |
|               | 160               | 56.5           | 15,870*         | 58.8            | 14,670*         | 60.8            | 11,970*         |
|               | 170               | 53.9           | 15,470*         | 56.2            | 14,380*         | 58.2            | 11,540*         |
|               | 180               | 51.2           | 15,060*         | 53.4            | 13,830*         | 55.4            | 11,140*         |
|               | 190               | 48.3           | 14,720*         | 50.6            | 13,230*         | 52.5            | 10,820*         |
|               | 200               | 45.4           | 14,420*         | 47.6            | 12,760*         | 49.4            | 10,510*         |

4

HC 275

39

## With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

70' (21.3 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 51                | 81.8           | 22,020*         | -               | -               | -               | -               |
|               | 60                | 79.9           | 21,370*         | -               | -               | -               | -               |
|               | 70                | 77.9           | 20,620*         | 80.2            | 18,420*         | -               | -               |
|               | 80                | 75.8           | 19,980*         | 78.1            | 17,980*         | 80.4            | 16,310*         |
|               | 90                | 73.6           | 19,380*         | 76.0            | 17,520*         | 78.2            | 15,980*         |
|               | 100               | 71.5           | 18,840*         | 73.8            | 17,050*         | 76.0            | 15,560*         |
|               | 110               | 69.3           | 18,360*         | 71.7            | 16,650*         | 73.8            | 15,200*         |
|               | 120               | 67.1           | 17,810*         | 69.4            | 16,260*         | 71.6            | 14,390*         |
| 210' (64.0 m) | 130               | 64.9           | 17,390*         | 67.2            | 15,830*         | 69.3            | 13,750*         |
|               | 140               | 62.6           | 16,980*         | 64.9            | 15,460*         | 66.9            | 13,120*         |
|               | 150               | 60.2           | 16,570*         | 62.5            | 15,110*         | 64.5            | 12,610*         |
|               | 160               | 57.8           | 16,050*         | 60.1            | 14,750*         | 62.1            | 12,130*         |
|               | 170               | 55.4           | 15,620*         | 57.6            | 14,490*         | 59.5            | 11,680*         |
|               | 180               | 52.8           | 15,240*         | 55.0            | 14,150*         | 56.9            | 11,290*         |
|               | 190               | 50.2           | 14,880*         | 52.3            | 13,570*         | 54.2            | 10,960*         |
|               | 200               | 47.4           | 14,580*         | 49.6            | 13,030*         | 51.3            | 10,680*         |
|               | 210               | 44.5           | 14,280*         | 46.6            | 12,580*         | 48.3            | 10,400*         |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 52  | 81.9 | 21,920* | -    | -       | -    | -       |
|               | 60  | 80.3 | 21,390* | -    | -       | -    | -       |
|               | 70  | 78.3 | 20,720* | 80.6 | 18,490* | -    | -       |
|               | 80  | 76.3 | 20,080* | 78.6 | 17,990* | 80.7 | 16,340* |
|               | 90  | 74.2 | 19,490* | 76.5 | 17,520* | 78.6 | 15,970* |
|               | 100 | 72.2 | 18,980* | 74.4 | 17,120* | 76.5 | 15,610* |
|               | 110 | 70.1 | 18,430* | 72.3 | 16,740* | 74.4 | 15,250* |
|               | 120 | 67.9 | 17,990* | 70.2 | 16,360* | 72.2 | 14,590* |
| 220' (67.1 m) | 130 | 65.8 | 17,510* | 68.0 | 15,990* | 70.0 | 13,900* |
|               | 140 | 63.6 | 17,050* | 65.8 | 15,570* | 67.8 | 13,350* |
|               | 150 | 61.4 | 16,670* | 63.6 | 15,210* | 65.5 | 12,780* |
|               | 160 | 59.1 | 16,300* | 61.2 | 14,870* | 63.2 | 12,290* |
|               | 170 | 56.7 | 15,810* | 58.9 | 14,560* | 60.8 | 11,830* |
|               | 180 | 54.3 | 15,410* | 56.4 | 14,310* | 58.3 | 11,440* |
|               | 190 | 51.8 | 15,080* | 53.9 | 13,850* | 55.7 | 11,120* |
|               | 200 | 49.2 | 14,770* | 51.3 | 13,320* | 53.1 | 10,800* |
|               | 210 | 46.5 | 14,460* | 48.6 | 12,840* | 50.3 | 10,520* |
|               | 220 | 43.7 | 14,160* | 45.7 | 12,400* | 47.3 | 10,290* |

|               |      |        |         |         |         |         |         |
|---------------|------|--------|---------|---------|---------|---------|---------|
|               | 53   | 82.0   | 21,880* | -       | -       | -       | -       |
|               | 60   | 80.6   | 21,400* | -       | -       | -       | -       |
|               | 70   | 78.7   | 20,730* | 80.9    | 18,420* | -       | -       |
|               | 80   | 76.7   | 20,160* | 78.9    | 17,970* | 81.0    | 16,270* |
|               | 90   | 74.8   | 19,580* | 77.0    | 17,560* | 79.0    | 16,010* |
|               | 100  | 72.8   | 19,080* | 75.0    | 17,130* | 77.0    | 15,650* |
|               | 110  | 70.8   | 18,530* | 72.9    | 16,750* | 75.0    | 15,300* |
|               | 120  | 68.7   | 18,110* | 70.9    | 16,450* | 72.9    | 14,740* |
| 230' (70.1 m) | 130  | 66.6   | 17,610* | 68.8    | 16,080* | 70.8    | 14,120* |
|               | 140  | 64.5   | 17,230* | 66.7    | 15,660* | 68.6    | 13,510* |
|               | 150  | 62.4   | 16,820* | 64.5    | 15,290* | 66.4    | 12,960* |
|               | 160  | 60.2   | 16,420* | 62.3    | 14,990* | 64.2    | 12,440* |
|               | 170  | 58.0   | 16,000* | 60.1    | 14,660* | 61.9    | 12,010* |
|               | 180  | 55.7   | 15,620* | 57.8    | 14,390* | 59.6    | 11,610* |
|               | 190  | 53.3   | 15,240* | 55.4    | 14,140* | 57.1    | 11,260* |
|               | 200  | 50.9   | 14,930* | 52.9    | 13,600* | 54.6    | 10,920* |
|               | 210  | 48.3   | 14,620* | 50.3    | 13,070* | 52.0    | 10,640* |
|               | 220  | 45.7   | 14,320* | 47.7    | 12,660* | 49.3    | 10,410* |
| 230           | 42.9 | 13,420 | 44.9    | 12,260* | 46.4    | 10,180* |         |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 55                | 81.9           | 21,730*         | -               | -               | -               | -               |
|               | 60                | 80.9           | 21,430*         | -               | -               | -               | -               |
|               | 70                | 79.0           | 20,850*         | 81.2            | 18,420*         | -               | -               |
|               | 80                | 77.2           | 20,250*         | 79.3            | 18,050*         | 81.3            | 16,240*         |
|               | 90                | 75.3           | 19,650*         | 77.4            | 17,560*         | 79.4            | 16,010*         |
|               | 100               | 73.3           | 19,100*         | 75.5            | 17,180*         | 77.5            | 15,700*         |
|               | 110               | 71.4           | 18,680*         | 73.5            | 16,840*         | 75.5            | 15,340*         |
|               | 120               | 69.4           | 18,170*         | 71.5            | 16,510*         | 73.5            | 14,930*         |
| 240' (73.2 m) | 130               | 67.4           | 17,700*         | 69.5            | 16,150*         | 71.5            | 14,280*         |
|               | 140               | 65.4           | 17,350*         | 67.5            | 15,800*         | 69.4            | 13,630*         |
|               | 150               | 63.4           | 16,890*         | 65.4            | 15,400*         | 67.3            | 13,090*         |
|               | 160               | 61.3           | 16,570*         | 63.3            | 15,060*         | 65.1            | 12,590*         |
|               | 170               | 59.1           | 16,210*         | 61.2            | 14,800*         | 63.0            | 12,160*         |
|               | 180               | 56.9           | 15,770*         | 59.0            | 14,520*         | 60.7            | 11,740*         |
|               | 190               | 54.7           | 15,390*         | 56.7            | 14,270*         | 58.4            | 11,380*         |
|               | 200               | 52.4           | 15,080*         | 54.3            | 13,830*         | 56.0            | 11,090*         |
|               | 210               | 50.0           | 14,780*         | 51.9            | 13,350*         | 53.6            | 10,760*         |
|               | 220               | 47.5           | 14,150          | 49.4            | 12,870*         | 51.0            | 10,530*         |
| 230           | 44.9              | 12,870         | 46.8            | 12,470*         | 48.3            | 10,300*         |                 |
| 240           | 42.2              | 11,710         | 44.0            | 11,720          | 45.5            | 10,080*         |                 |

|               |      |        |         |        |         |         |         |
|---------------|------|--------|---------|--------|---------|---------|---------|
|               | 56   | 81.9   | 21,800* | -      | -       | -       | -       |
|               | 60   | 81.2   | 21,540* | -      | -       | -       | -       |
|               | 70   | 79.4   | 20,870* | 81.5   | 18,490* | -       | -       |
|               | 80   | 77.6   | 20,330* | 79.7   | 18,070* | 81.6    | 16,280* |
|               | 90   | 75.7   | 19,720* | 77.8   | 17,630* | 79.8    | 15,980* |
|               | 100  | 73.9   | 19,200* | 75.9   | 17,230* | 77.9    | 15,730* |
|               | 110  | 72.0   | 18,730* | 74.1   | 16,900* | 76.0    | 15,380* |
|               | 120  | 70.1   | 18,300* | 72.1   | 16,540* | 74.0    | 15,040* |
|               | 130  | 68.2   | 17,850* | 70.2   | 16,180* | 72.1    | 14,390* |
|               | 140  | 66.2   | 17,440* | 68.3   | 15,870* | 70.1    | 13,790* |
| 250' (76.2 m) | 150  | 64.3   | 17,070* | 66.3   | 15,530* | 68.1    | 13,270* |
|               | 160  | 62.2   | 16,650* | 64.2   | 15,210* | 66.0    | 12,750* |
|               | 170  | 60.2   | 16,360* | 62.2   | 14,870* | 63.9    | 12,330* |
|               | 180  | 58.1   | 15,990* | 60.1   | 14,620* | 61.8    | 11,900* |
|               | 190  | 56.0   | 15,600* | 57.9   | 14,370* | 59.6    | 11,550* |
|               | 200  | 53.7   | 15,220* | 55.7   | 14,120* | 57.3    | 11,210* |
|               | 210  | 51.5   | 14,910* | 53.4   | 13,580* | 55.0    | 10,890* |
|               | 220  | 49.1   | 13,580  | 51.0   | 13,160* | 52.6    | 10,650* |
|               | 230  | 46.7   | 12,290  | 48.5   | 12,300  | 50.1    | 10,420* |
|               | 240  | 44.1   | 11,130  | 46.0   | 11,140  | 47.4    | 10,190* |
| 250           | 41.5 | 10,060 | 43.3    | 10,070 | 44.7    | 10,010* |         |

|               |      |       |         |       |         |       |         |
|---------------|------|-------|---------|-------|---------|-------|---------|
|               | 57   | 82.0  | 21,710* | -     | -       | -     | -       |
|               | 60   | 81.5  | 21,470* | -     | -       | -     | -       |
|               | 70   | 79.7  | 20,920* | 81.7  | 18,480* | -     | -       |
|               | 80   | 77.9  | 20,330* | 80.0  | 18,070* | 81.9  | 16,270* |
|               | 90   | 76.2  | 19,800* | 78.2  | 17,620* | 80.1  | 15,950* |
|               | 100  | 74.4  | 19,330* | 76.4  | 17,280* | 78.3  | 15,700* |
|               | 110  | 72.6  | 18,850* | 74.6  | 16,940* | 76.4  | 15,410* |
|               | 120  | 70.7  | 18,370* | 72.7  | 16,560* | 74.5  | 15,130* |
|               | 130  | 68.9  | 17,910* | 70.9  | 16,250* | 72.7  | 14,530* |
|               | 140  | 67.0  | 17,570* | 69.0  | 15,980* | 70.8  | 13,920* |
| 260' (79.2 m) | 150  | 65.1  | 17,130* | 67.0  | 15,610* | 68.8  | 13,410* |
|               | 160  | 63.2  | 16,770* | 65.1  | 15,270* | 66.8  | 12,890* |
|               | 170  | 61.2  | 16,460* | 63.1  | 14,950* | 64.8  | 12,480* |
|               | 180  | 59.2  | 16,150* | 61.1  | 14,690* | 62.8  | 12,070* |
|               | 190  | 57.1  | 15,760* | 59.0  | 14,440* | 60.7  | 11,660* |
|               | 200  | 55.0  | 15,380* | 56.9  | 14,190* | 58.5  | 11,350* |
|               | 210  | 52.9  | 14,460  | 54.7  | 13,870* | 56.3  | 11,010* |
|               | 220  | 50.6  | 13,020  | 52.5  | 13,030  | 54.0  | 10,770* |
|               | 230  | 48.3  | 11,740  | 50.1  | 11,750  | 51.6  | 10,490* |
|               | 240  | 45.9  | 10,570  | 47.7  | 10,580  | 49.2  | 10,300* |
| 250           | 43.4 | 9,500 | 45.2    | 9,510 | 46.6    | 9,530 |         |
| 260           | 40.8 | 8,530 | 42.5    | 8,550 | 43.9    | 8,570 |         |



195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

70' (21.3 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 59                | 81.9           | 21,570*         | -               | -               | -               | -               |
|               | 60                | 81.7           | 21,480*         | -               | -               | -               | -               |
|               | 70                | 80.0           | 20,930*         | 82.0            | 18,470*         | -               | -               |
|               | 80                | 78.3           | 20,410*         | 80.3            | 18,060*         | -               | -               |
|               | 90                | 76.6           | 19,870*         | 78.5            | 17,680*         | 80.4            | 15,980*         |
|               | 100               | 74.8           | 19,360*         | 76.8            | 17,330*         | 78.6            | 15,660*         |
|               | 110               | 73.1           | 18,870*         | 75.0            | 16,950*         | 76.8            | 15,440*         |
|               | 120               | 71.3           | 18,480*         | 73.3            | 16,630*         | 75.0            | 15,130*         |
|               | 130               | 69.5           | 18,040*         | 71.5            | 16,340*         | 73.2            | 14,720*         |
|               | 140               | 67.7           | 17,620*         | 69.6            | 16,010*         | 71.4            | 14,120*         |
| 270' (82.3 m) | 150               | 65.9           | 17,210*         | 67.8            | 15,730*         | 69.5            | 13,520*         |
|               | 160               | 64.0           | 16,910*         | 65.9            | 15,390*         | 67.6            | 13,050*         |
|               | 170               | 62.1           | 16,550*         | 64.0            | 15,090*         | 65.7            | 12,600*         |
|               | 180               | 60.2           | 16,230*         | 62.0            | 14,770*         | 63.7            | 12,180*         |
|               | 190               | 58.2           | 15,910*         | 60.1            | 14,540*         | 61.7            | 11,820*         |
|               | 200               | 56.2           | 15,480          | 58.0            | 14,290*         | 59.6            | 11,470*         |
|               | 210               | 54.1           | 13,900          | 55.9            | 13,910          | 57.5            | 11,170*         |
|               | 220               | 52.0           | 12,470          | 53.8            | 12,480          | 55.3            | 10,850*         |
|               | 230               | 49.8           | 11,180          | 51.6            | 11,190          | 53.1            | 10,610*         |
|               | 240               | 47.5           | 10,020          | 49.3            | 10,030          | 50.7            | 10,050          |
|               | 250               | 45.2           | 8,940           | 46.9            | 8,950           | 48.3            | 8,980           |
|               | 260               | 42.7           | 7,970           | 44.4            | 7,980           | 45.8            | 8,010           |
|               | 270               | 40.1           | 7,080           | 41.8            | 7,090           | 43.1            | 7,110           |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 62                | 81.9           | 21,310*         | -               | -               | -               | -               |
|               | 70                | 80.6           | 20,880*         | -               | -               | -               | -               |
|               | 80                | 79.0           | 20,400*         | 80.8            | 17,960*         | -               | -               |
|               | 90                | 77.3           | 19,890*         | 79.2            | 17,600*         | 80.9            | 15,880*         |
|               | 100               | 75.7           | 19,470*         | 77.5            | 17,250*         | 79.3            | 15,590*         |
|               | 110               | 74.1           | 18,980*         | 75.9            | 16,950*         | 77.6            | 15,410*         |
|               | 120               | 72.4           | 18,530*         | 74.2            | 16,620*         | 75.9            | 15,160*         |
|               | 130               | 70.7           | 18,120*         | 72.5            | 16,360*         | 74.2            | 14,930*         |
|               | 140               | 69.0           | 17,770*         | 70.8            | 16,050*         | 72.5            | 14,370*         |
|               | 150               | 67.3           | 17,350*         | 69.1            | 15,780*         | 70.7            | 13,810*         |
| 290' (88.4 m) | 160               | 65.6           | 17,030*         | 67.3            | 15,530*         | 69.0            | 13,340*         |
|               | 170               | 63.8           | 16,710*         | 65.6            | 15,270*         | 67.2            | 12,840*         |
|               | 180               | 62.0           | 16,400*         | 63.8            | 14,950*         | 65.3            | 12,460*         |
|               | 190               | 60.2           | 16,080*         | 61.9            | 14,690*         | 63.5            | 12,040*         |
|               | 200               | 58.3           | 14,570          | 60.1            | 14,460*         | 61.6            | 11,680*         |
|               | 210               | 56.4           | 12,980          | 58.1            | 12,990          | 59.6            | 11,390*         |
|               | 220               | 54.5           | 11,550          | 56.2            | 11,560          | 57.6            | 11,090*         |
|               | 230               | 52.5           | 10,260          | 54.2            | 10,270          | 55.6            | 10,290          |
|               | 240               | 50.4           | 9,090           | 52.1            | 9,100           | 53.5            | 9,120           |
|               | 250               | 48.3           | 8,020           | 50.0            | 8,030           | 51.3            | 8,050           |
|               | 260               | 46.1           | 7,040           | 47.8            | 7,050           | 49.1            | 7,070           |
|               | 270               | 43.8           | 6,130           | 45.5            | 6,150           | 46.7            | 6,170           |
|               | 280               | 41.4           | 5,230*          | 43.0            | 5,320           | 44.3            | 5,340           |
|               | 290               | 38.9           | 4,190*          | 40.5            | 4,560           | 41.7            | 4,580           |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 60  | 82.0 | 21,460* | -    | -       | -    | -       |
|               | 70  | 80.3 | 20,900* | -    | -       | -    | -       |
|               | 80  | 78.6 | 20,400* | 80.6 | 17,990* | -    | -       |
|               | 90  | 77.0 | 19,830* | 78.9 | 17,630* | 80.7 | 15,920* |
|               | 100 | 75.3 | 19,370* | 77.2 | 17,280* | 79.0 | 15,630* |
|               | 110 | 73.6 | 18,970* | 75.5 | 16,950* | 77.2 | 15,380* |
|               | 120 | 71.9 | 18,510* | 73.8 | 16,590* | 75.5 | 15,180* |
|               | 130 | 70.1 | 18,100* | 72.0 | 16,290* | 73.7 | 14,850* |
|               | 140 | 68.4 | 17,710* | 70.2 | 16,060* | 71.9 | 14,220* |
|               | 150 | 66.6 | 17,310* | 68.5 | 15,730* | 70.1 | 13,680* |
| 280' (85.3 m) | 160 | 64.8 | 16,950* | 66.6 | 15,490* | 68.3 | 13,180* |
|               | 170 | 63.0 | 16,640* | 64.8 | 15,190* | 66.4 | 12,720* |
|               | 180 | 61.1 | 16,310* | 62.9 | 14,870* | 64.5 | 12,290* |
|               | 190 | 59.2 | 15,990* | 61.0 | 14,610* | 62.6 | 11,930* |
|               | 200 | 57.3 | 15,110  | 59.1 | 14,360* | 60.6 | 11,570* |
|               | 210 | 55.3 | 13,520  | 57.1 | 13,530  | 58.6 | 11,270* |
|               | 220 | 53.3 | 12,090  | 55.0 | 12,100  | 56.5 | 10,980* |
|               | 230 | 51.2 | 10,800  | 52.9 | 10,810  | 54.4 | 10,740* |
|               | 240 | 49.0 | 9,630   | 50.8 | 9,640   | 52.2 | 9,660   |
|               | 250 | 46.8 | 8,560   | 48.5 | 8,570   | 49.9 | 8,590   |
|               | 260 | 44.5 | 7,580   | 46.2 | 7,590   | 47.5 | 7,620   |
|               | 270 | 42.1 | 6,680   | 43.7 | 6,700   | 45.0 | 6,720   |
|               | 280 | 39.5 | 5,860   | 41.1 | 5,870   | 42.4 | 5,900   |

4

HC 275

41

## With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

80' (24.4 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 51                | 82.0           | 17,300*         | -               | -               | -               | -               |
|               | 60                | 80.1           | 16,660*         | -               | -               | -               | -               |
|               | 70                | 78.0           | 16,040*         | 80.8            | 14,050*         | -               | -               |
|               | 80                | 75.9           | 15,460*         | 78.7            | 13,640*         | 81.2            | 11,980*         |
|               | 90                | 73.8           | 14,890*         | 76.5            | 13,120*         | 79.1            | 11,590*         |
|               | 100               | 71.7           | 14,350*         | 74.4            | 12,670*         | 76.9            | 11,260*         |
| 200' (61.0 m) | 110               | 69.5           | 13,870*         | 72.2            | 12,210*         | 74.7            | 10,950*         |
|               | 120               | 67.3           | 13,370*         | 69.9            | 11,790*         | 72.4            | 10,640*         |
|               | 130               | 65.0           | 12,860*         | 67.7            | 11,430*         | 70.1            | 10,370*         |
|               | 140               | 62.7           | 12,410*         | 65.4            | 11,110*         | 67.8            | 10,150*         |
|               | 150               | 60.4           | 11,950*         | 63.0            | 10,810*         | 65.4            | 9,950*          |
|               | 160               | 58.0           | 11,560*         | 60.6            | 10,520*         | 62.9            | 9,760*          |
|               | 170               | 55.5           | 11,190*         | 58.1            | 10,280*         | 60.3            | 9,620*          |
|               | 180               | 53.0           | 10,880*         | 55.5            | 10,050*         | 57.7            | 9,470*          |
|               | 190               | 50.3           | 10,600*         | 52.8            | 9,880*          | 55.0            | 9,380*          |
|               | 200               | 47.6           | 10,370*         | 50.1            | 9,720*          | 52.1            | 9,230*          |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 53  | 81.9 | 17,240* | -    | -       | -    | -       |
|               | 60  | 80.5 | 16,770* | -    | -       | -    | -       |
|               | 70  | 78.5 | 16,130* | 81.1 | 14,070* | -    | -       |
|               | 80  | 76.4 | 15,540* | 79.1 | 13,640* | 81.6 | 11,990* |
|               | 90  | 74.4 | 14,950* | 77.0 | 13,180* | 79.5 | 11,590* |
|               | 100 | 72.3 | 14,470* | 74.9 | 12,700* | 77.4 | 11,260* |
|               | 110 | 70.2 | 13,960* | 72.8 | 12,290* | 75.2 | 10,970* |
|               | 120 | 68.1 | 13,510* | 70.7 | 11,900* | 73.1 | 10,660* |
| 210' (64.0 m) | 130 | 66.0 | 13,000* | 68.5 | 11,500* | 70.9 | 10,420* |
|               | 140 | 63.8 | 12,550* | 66.3 | 11,190* | 68.6 | 10,210* |
|               | 150 | 61.5 | 12,100* | 64.0 | 10,900* | 66.3 | 9,980*  |
|               | 160 | 59.2 | 11,710* | 61.7 | 10,600* | 64.0 | 9,800*  |
|               | 170 | 56.9 | 11,340* | 59.4 | 10,390* | 61.6 | 9,630*  |
|               | 180 | 54.5 | 11,020* | 56.9 | 10,140* | 59.1 | 9,520*  |
|               | 190 | 52.0 | 10,730* | 54.4 | 9,950*  | 56.5 | 9,370*  |
|               | 200 | 49.4 | 10,490* | 51.8 | 9,760*  | 53.8 | 9,290*  |
|               | 210 | 46.7 | 10,250* | 49.1 | 9,620*  | 51.0 | 9,090*  |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 54  | 81.9 | 17,180* | -    | -       | -    | -       |
|               | 60  | 80.8 | 16,820* | -    | -       | -    | -       |
|               | 70  | 78.8 | 16,150* | 81.4 | 14,090* | -    | -       |
|               | 80  | 76.9 | 15,610* | 79.4 | 13,650* | 81.8 | 12,000* |
|               | 90  | 74.9 | 15,030* | 77.5 | 13,250* | 79.8 | 11,630* |
|               | 100 | 72.9 | 14,570* | 75.5 | 12,770* | 77.8 | 11,310* |
|               | 110 | 70.9 | 14,070* | 73.4 | 12,340* | 75.8 | 10,980* |
|               | 120 | 68.9 | 13,630* | 71.4 | 11,940* | 73.7 | 10,730* |
| 220' (67.1 m) | 130 | 66.8 | 13,160* | 69.3 | 11,610* | 71.6 | 10,460* |
|               | 140 | 64.7 | 12,720* | 67.2 | 11,260* | 69.4 | 10,220* |
|               | 150 | 62.6 | 12,290* | 65.0 | 10,960* | 67.2 | 10,040* |
|               | 160 | 60.4 | 11,880* | 62.8 | 10,680* | 65.0 | 9,850*  |
|               | 170 | 58.1 | 11,530* | 60.5 | 10,430* | 62.7 | 9,670*  |
|               | 180 | 55.8 | 11,170* | 58.2 | 10,240* | 60.3 | 9,550*  |
|               | 190 | 53.5 | 10,900* | 55.8 | 10,030* | 57.9 | 9,400*  |
|               | 200 | 51.0 | 10,610* | 53.4 | 9,830*  | 55.4 | 9,310*  |
|               | 210 | 48.5 | 10,380* | 50.8 | 9,700*  | 52.7 | 9,190*  |
|               | 220 | 45.8 | 10,140* | 48.1 | 9,550*  | 50.0 | 8,990*  |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 56                | 81.8           | 17,090*         | -               | -               | -               | -               |
|               | 60                | 81.1           | 16,820*         | -               | -               | -               | -               |
|               | 70                | 79.2           | 16,210*         | 81.7            | 14,100*         | -               | -               |
|               | 80                | 77.3           | 15,610*         | 79.8            | 13,690*         | -               | -               |
|               | 90                | 75.4           | 15,110*         | 77.9            | 13,300*         | 80.2            | 11,620*         |
|               | 100               | 73.5           | 14,610*         | 75.9            | 12,830*         | 78.2            | 11,300*         |
| 230' (70.1 m) | 110               | 71.6           | 14,180*         | 74.0            | 12,430*         | 76.2            | 11,020*         |
|               | 120               | 69.6           | 13,750*         | 72.0            | 12,040*         | 74.2            | 10,760*         |
|               | 130               | 67.6           | 13,300*         | 70.0            | 11,670*         | 72.2            | 10,490*         |
|               | 140               | 65.6           | 12,830*         | 68.0            | 11,340*         | 70.1            | 10,270*         |
|               | 150               | 63.5           | 12,410*         | 65.9            | 11,060*         | 68.0            | 10,060*         |
|               | 160               | 61.4           | 12,040*         | 63.8            | 10,760*         | 65.9            | 9,850*          |
|               | 170               | 59.3           | 11,650*         | 61.6            | 10,520*         | 63.7            | 9,700*          |
|               | 180               | 57.1           | 11,320*         | 59.4            | 10,290*         | 61.5            | 9,560*          |
|               | 190               | 54.8           | 11,020*         | 57.1            | 10,060*         | 59.1            | 9,440*          |
|               | 200               | 52.5           | 10,730*         | 54.8            | 9,920*          | 56.8            | 9,330*          |
|               | 210               | 50.1           | 10,500*         | 52.4            | 9,730*          | 54.3            | 9,250*          |
|               | 220               | 47.6           | 10,260*         | 49.9            | 9,580*          | 51.7            | 9,080*          |
|               | 230               | 45.0           | 10,040*         | 47.2            | 9,480*          | 49.0            | 8,880*          |

|               |     |      |         |      |         |      |         |
|---------------|-----|------|---------|------|---------|------|---------|
|               | 57  | 81.9 | 17,010* | -    | -       | -    | -       |
|               | 60  | 81.4 | 16,860* | -    | -       | -    | -       |
|               | 70  | 79.5 | 16,220* | 81.9 | 14,060* | -    | -       |
|               | 80  | 77.7 | 15,680* | 80.1 | 13,690* | -    | -       |
|               | 90  | 75.9 | 15,150* | 78.3 | 13,300* | 80.5 | 11,670* |
|               | 100 | 74.0 | 14,700* | 76.4 | 12,900* | 78.6 | 11,350* |
|               | 110 | 72.2 | 14,220* | 74.5 | 12,470* | 76.7 | 11,030* |
|               | 120 | 70.3 | 13,800* | 72.6 | 12,130* | 74.8 | 10,780* |
| 240' (73.2 m) | 130 | 68.3 | 13,430* | 70.7 | 11,770* | 72.8 | 10,520* |
|               | 140 | 66.4 | 13,010* | 68.7 | 11,420* | 70.8 | 10,300* |
|               | 150 | 64.4 | 12,530* | 66.7 | 11,130* | 68.8 | 10,080* |
|               | 160 | 62.4 | 12,170* | 64.7 | 10,860* | 66.8 | 9,880*  |
|               | 170 | 60.4 | 11,780* | 62.6 | 10,600* | 64.7 | 9,730*  |
|               | 180 | 58.3 | 11,440* | 60.5 | 10,340* | 62.5 | 9,580*  |
|               | 190 | 56.1 | 11,120* | 58.3 | 10,150* | 60.3 | 9,460*  |
|               | 200 | 53.9 | 10,870* | 56.1 | 9,950*  | 58.0 | 9,320*  |
|               | 210 | 51.6 | 10,580* | 53.8 | 9,800*  | 55.7 | 9,230*  |
|               | 220 | 49.3 | 10,340* | 51.4 | 9,660*  | 53.3 | 9,150*  |
|               | 230 | 46.8 | 10,150* | 49.0 | 9,510*  | 50.7 | 8,980*  |
|               | 240 | 44.3 | 9,970*  | 46.4 | 9,420*  | 48.1 | 8,780*  |

|               |      |        |         |        |         |        |         |
|---------------|------|--------|---------|--------|---------|--------|---------|
|               | 58   | 82.0   | 17,000* | -      | -       | -      | -       |
|               | 60   | 81.6   | 16,900* | -      | -       | -      | -       |
|               | 70   | 79.9   | 16,300* | -      | -       | -      | -       |
|               | 80   | 78.1   | 15,750* | 80.4   | 13,690* | -      | -       |
|               | 90   | 76.3   | 15,240* | 78.6   | 13,360* | 80.8   | 11,660* |
|               | 100  | 74.5   | 14,780* | 76.8   | 12,970* | 79.0   | 11,340* |
|               | 110  | 72.7   | 14,340* | 75.0   | 12,560* | 77.1   | 11,080* |
|               | 120  | 70.9   | 13,900* | 73.2   | 12,150* | 75.3   | 10,800* |
|               | 130  | 69.0   | 13,540* | 71.3   | 11,820* | 73.4   | 10,530* |
|               | 140  | 67.2   | 13,150* | 69.4   | 11,510* | 71.5   | 10,320* |
| 250' (76.2 m) | 150  | 65.2   | 12,680* | 67.5   | 11,180* | 69.5   | 10,140* |
|               | 160  | 63.3   | 12,310* | 65.5   | 10,910* | 67.5   | 9,910*  |
|               | 170  | 61.3   | 11,910* | 63.5   | 10,640* | 65.5   | 9,760*  |
|               | 180  | 59.3   | 11,590* | 61.5   | 10,430* | 63.5   | 9,610*  |
|               | 190  | 57.3   | 11,240* | 59.4   | 10,230* | 61.4   | 9,470*  |
|               | 200  | 55.2   | 10,990* | 57.3   | 10,030* | 59.2   | 9,350*  |
|               | 210  | 53.0   | 10,700* | 55.1   | 9,840*  | 57.0   | 9,250*  |
|               | 220  | 50.8   | 10,460* | 52.9   | 9,690*  | 54.7   | 9,170*  |
|               | 230  | 48.5   | 10,270* | 50.6   | 9,550*  | 52.3   | 9,040*  |
|               | 240  | 46.1   | 10,040* | 48.1   | 9,440*  | 49.8   | 8,840*  |
| 250           | 43.6 | 9,900* | 45.6    | 9,360* | 47.2    | 8,670* |         |

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

80' (24.4 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 60                | 81.9           | 16,900*         | -               | -               | -               | -               |
|               | 70                | 80.2           | 16,300*         | -               | -               | -               | -               |
|               | 80                | 78.5           | 15,810*         | 80.7            | 13,680*         | -               | -               |
|               | 90                | 76.7           | 15,330*         | 79.0            | 13,350*         | 81.1            | 11,660*         |
|               | 100               | 75.0           | 14,850*         | 77.2            | 13,000*         | 79.3            | 11,340*         |
|               | 110               | 73.2           | 14,410*         | 75.5            | 12,630*         | 77.5            | 11,090*         |
|               | 120               | 71.5           | 13,990*         | 73.7            | 12,210*         | 75.7            | 10,810*         |
|               | 130               | 69.7           | 13,600*         | 71.9            | 11,890*         | 73.9            | 10,540*         |
|               | 140               | 67.9           | 13,220*         | 70.1            | 11,540*         | 72.1            | 10,360*         |
|               | 150               | 66.0           | 12,810*         | 68.2            | 11,260*         | 70.2            | 10,130*         |
| 260' (79.2 m) | 160               | 64.2           | 12,420*         | 66.3            | 10,990*         | 68.3            | 9,950*          |
|               | 170               | 62.3           | 12,070*         | 64.4            | 10,710*         | 66.3            | 9,760*          |
|               | 180               | 60.3           | 11,710*         | 62.5            | 10,510*         | 64.4            | 9,610*          |
|               | 190               | 58.4           | 11,410*         | 60.5            | 10,260*         | 62.3            | 9,500*          |
|               | 200               | 56.3           | 11,110*         | 58.4            | 10,060*         | 60.3            | 9,380*          |
|               | 210               | 54.3           | 10,820*         | 56.4            | 9,910*          | 58.2            | 9,280*          |
|               | 220               | 52.1           | 10,580*         | 54.2            | 9,720*          | 56.0            | 9,190*          |
|               | 230               | 50.0           | 10,350*         | 52.0            | 9,620*          | 53.7            | 9,100*          |
|               | 240               | 47.7           | 10,160*         | 49.7            | 9,470*          | 51.4            | 8,940*          |
|               | 250               | 45.3           | 9,740           | 47.3            | 9,380*          | 48.9            | 8,780*          |
| 260           | 42.9              | 8,770          | 44.8            | 8,780           | 46.4            | 8,620*          |                 |

|               |      |       |         |       |         |       |         |
|---------------|------|-------|---------|-------|---------|-------|---------|
|               | 61   | 81.9  | 16,890* | -     | -       | -     | -       |
|               | 70   | 80.4  | 16,340* | -     | -       | -     | -       |
|               | 80   | 78.8  | 15,820* | 81.0  | 13,710* | -     | -       |
|               | 90   | 77.1  | 15,340* | 79.3  | 13,350* | 81.4  | 11,650* |
|               | 100  | 75.4  | 14,920* | 77.6  | 13,010* | 79.6  | 11,380* |
|               | 110  | 73.7  | 14,470* | 75.9  | 12,680* | 77.9  | 11,100* |
|               | 120  | 72.0  | 14,060* | 74.2  | 12,270* | 76.2  | 10,810* |
|               | 130  | 70.3  | 13,650* | 72.4  | 11,960* | 74.4  | 10,590* |
|               | 140  | 68.5  | 13,310* | 70.7  | 11,640* | 72.6  | 10,360* |
|               | 150  | 66.8  | 12,950* | 68.9  | 11,310* | 70.8  | 10,140* |
| 270' (82.3 m) | 160  | 65.0  | 12,550* | 67.1  | 11,040* | 69.0  | 9,950*  |
|               | 170  | 63.1  | 12,190* | 65.2  | 10,800* | 67.1  | 9,800*  |
|               | 180  | 61.3  | 11,820* | 63.3  | 10,550* | 65.2  | 9,650*  |
|               | 190  | 59.4  | 11,510* | 61.4  | 10,350* | 63.3  | 9,490*  |
|               | 200  | 57.4  | 11,210* | 59.5  | 10,150* | 61.3  | 9,390*  |
|               | 210  | 55.5  | 10,910* | 57.5  | 9,950*  | 59.2  | 9,270*  |
|               | 220  | 53.4  | 10,670* | 55.4  | 9,800*  | 57.2  | 9,170*  |
|               | 230  | 51.3  | 10,470* | 53.3  | 9,650*  | 55.0  | 9,080*  |
|               | 240  | 49.2  | 10,230* | 51.2  | 9,510*  | 52.8  | 9,040*  |
|               | 250  | 46.9  | 9,190   | 48.9  | 9,200   | 50.5  | 8,840*  |
| 260           | 44.6 | 8,210 | 46.6    | 8,230 | 48.1    | 8,250 |         |
| 270           | 42.2 | 7,310 | 44.1    | 7,330 | 45.6    | 7,350 |         |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 63                | 81.8           | 16,740*         | -               | -               | -               | -               |
|               | 70                | 80.7           | 16,320*         | -               | -               | -               | -               |
|               | 80                | 79.1           | 15,810*         | 81.2            | 13,660*         | -               | -               |
|               | 90                | 77.5           | 15,400*         | 79.6            | 13,320*         | 81.6            | 11,650*         |
|               | 100               | 75.8           | 14,910*         | 78.0            | 13,060*         | 79.9            | 11,350*         |
|               | 110               | 74.2           | 14,470*         | 76.3            | 12,730*         | 78.3            | 11,090*         |
|               | 120               | 72.5           | 14,110*         | 74.6            | 12,320*         | 76.6            | 10,850*         |
|               | 130               | 70.9           | 13,700*         | 72.9            | 11,970*         | 74.9            | 10,580*         |
|               | 140               | 69.2           | 13,370*         | 71.2            | 11,680*         | 73.1            | 10,360*         |
|               | 150               | 67.4           | 13,030*         | 69.5            | 11,370*         | 71.4            | 10,160*         |
| 280' (85.3 m) | 160               | 65.7           | 12,640*         | 67.7            | 11,090*         | 69.6            | 10,010*         |
|               | 170               | 63.9           | 12,300*         | 66.0            | 10,850*         | 67.8            | 9,800*          |
|               | 180               | 62.1           | 11,930*         | 64.2            | 10,590*         | 66.0            | 9,680*          |
|               | 190               | 60.3           | 11,630*         | 62.3            | 10,380*         | 64.1            | 9,520*          |
|               | 200               | 58.4           | 11,330*         | 60.4            | 10,180*         | 62.2            | 9,420*          |
|               | 210               | 56.5           | 11,030*         | 58.5            | 10,030*         | 60.3            | 9,300*          |
|               | 220               | 54.6           | 10,790*         | 56.6            | 9,830*          | 58.3            | 9,200*          |
|               | 230               | 52.6           | 10,550*         | 54.6            | 9,690*          | 56.2            | 9,110*          |
|               | 240               | 50.6           | 9,870           | 52.5            | 9,540*          | 54.1            | 9,020*          |
|               | 250               | 48.4           | 8,800           | 50.4            | 8,810           | 51.9            | 8,840           |
| 260           | 46.2              | 7,820          | 48.1            | 7,830           | 49.7            | 7,850           |                 |
| 270           | 44.0              | 6,920          | 45.8            | 6,940           | 47.3            | 6,960           |                 |
| 280           | 41.6              | 6,100          | 43.4            | 6,110           | 44.8            | 6,140           |                 |

|               |      |        |         |       |         |       |         |
|---------------|------|--------|---------|-------|---------|-------|---------|
|               | 64   | 81.9   | 16,680* | -     | -       | -     | -       |
|               | 70   | 81.0   | 16,390* | -     | -       | -     | -       |
|               | 80   | 79.4   | 15,900* | 81.5  | 13,660* | -     | -       |
|               | 90   | 77.8   | 15,390* | 79.9  | 13,330* | 81.8  | 11,640* |
|               | 100  | 76.2   | 14,960* | 78.3  | 13,050* | 80.2  | 11,390* |
|               | 110  | 74.6   | 14,530* | 76.7  | 12,720* | 78.6  | 11,080* |
|               | 120  | 73.0   | 14,130* | 75.1  | 12,390* | 77.0  | 10,850* |
|               | 130  | 71.4   | 13,780* | 73.4  | 12,030* | 75.3  | 10,620* |
|               | 140  | 69.7   | 13,420* | 71.8  | 11,730* | 73.6  | 10,370* |
|               | 150  | 68.1   | 13,130* | 70.1  | 11,400* | 71.9  | 10,190* |
| 290' (88.4 m) | 160  | 66.4   | 12,800* | 68.4  | 11,130* | 70.2  | 10,000* |
|               | 170  | 64.7   | 12,410* | 66.7  | 10,880* | 68.5  | 9,840*  |
|               | 180  | 63.0   | 12,050* | 64.9  | 10,670* | 66.7  | 9,680*  |
|               | 190  | 61.2   | 11,740* | 63.2  | 10,420* | 64.9  | 9,520*  |
|               | 200  | 59.4   | 11,430* | 61.4  | 10,220* | 63.1  | 9,410*  |
|               | 210  | 57.6   | 11,130* | 59.5  | 10,060* | 61.2  | 9,310*  |
|               | 220  | 55.7   | 10,880* | 57.6  | 9,870*  | 59.3  | 9,190*  |
|               | 230  | 53.8   | 10,510  | 55.7  | 9,720*  | 57.3  | 9,090*  |
|               | 240  | 51.8   | 9,340   | 53.7  | 9,350   | 55.3  | 9,040*  |
|               | 250  | 49.8   | 8,260   | 51.7  | 8,270   | 53.2  | 8,290   |
| 260           | 47.7 | 7,280  | 49.6    | 7,290 | 51.1    | 7,320 |         |
| 270           | 45.6 | 6,380  | 47.4    | 6,390 | 48.9    | 6,410 |         |
| 280           | 43.3 | 5,530* | 45.1    | 5,560 | 46.6    | 5,590 |         |
| 290           | 41.0 | 4,520* | 42.8    | 4,790 | 44.1    | 4,820 |         |

4

HC 275

43



## With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

90' (27.4 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 58                | 81.9           | 13,670*         | -               | -               | -               | -               |
|               | 60                | 81.5           | 13,560*         | -               | -               | -               | -               |
|               | 70                | 79.7           | 13,000*         | -               | -               | -               | -               |
|               | 80                | 77.9           | 12,500*         | 80.6            | 10,360*         | -               | -               |
|               | 90                | 76.0           | 11,890*         | 78.7            | 9,920*          | 81.3            | 8,500*          |
|               | 100               | 74.2           | 11,360*         | 76.9            | 9,520*          | 79.4            | 8,230*          |
|               | 110               | 72.3           | 10,840*         | 75.0            | 9,150*          | 77.5            | 7,980*          |
|               | 120               | 70.4           | 10,340*         | 73.1            | 8,830*          | 75.5            | 7,750*          |
| 230' (70.1 m) | 130               | 68.5           | 9,930*          | 71.1            | 8,540*          | 73.6            | 7,550*          |
|               | 140               | 66.5           | 9,520*          | 69.2            | 8,280*          | 71.6            | 7,360*          |
|               | 150               | 64.6           | 9,190*          | 67.2            | 8,030*          | 69.5            | 7,170*          |
|               | 160               | 62.6           | 8,830*          | 65.1            | 7,800*          | 67.5            | 7,020*          |
|               | 170               | 60.5           | 8,530*          | 63.1            | 7,570*          | 65.4            | 6,900*          |
|               | 180               | 58.4           | 8,260*          | 61.0            | 7,390*          | 63.2            | 6,770*          |
|               | 190               | 56.3           | 8,030*          | 58.8            | 7,240*          | 61.0            | 6,640*          |
|               | 200               | 54.0           | 7,780*          | 56.6            | 7,070*          | 58.7            | 6,560*          |
|               | 210               | 51.8           | 7,570*          | 54.3            | 6,930*          | 56.4            | 6,480*          |
|               | 220               | 49.4           | 7,410*          | 51.9            | 6,830*          | 54.0            | 6,410*          |
| 230           | 47.0              | 7,210*         | 49.4            | 6,690*          | 51.4            | 6,360*          |                 |

|               |      |        |         |        |         |        |        |
|---------------|------|--------|---------|--------|---------|--------|--------|
|               | 59   | 81.9   | 13,600* | -      | -       | -      | -      |
|               | 60   | 81.8   | 13,560* | -      | -       | -      | -      |
|               | 70   | 80.0   | 13,020* | -      | -       | -      | -      |
|               | 80   | 78.2   | 12,510* | 80.9   | 10,380* | -      | -      |
|               | 90   | 76.5   | 12,010* | 79.1   | 9,940*  | 81.5   | 8,500* |
|               | 100  | 74.7   | 11,450* | 77.3   | 9,540*  | 79.7   | 8,250* |
|               | 110  | 72.9   | 10,910* | 75.4   | 9,220*  | 77.9   | 8,000* |
|               | 120  | 71.0   | 10,440* | 73.6   | 8,900*  | 76.0   | 7,780* |
| 240' (73.2 m) | 130  | 69.2   | 10,040* | 71.7   | 8,580*  | 74.1   | 7,570* |
|               | 140  | 67.3   | 9,630*  | 69.8   | 8,340*  | 72.2   | 7,390* |
|               | 150  | 65.4   | 9,260*  | 67.9   | 8,060*  | 70.2   | 7,210* |
|               | 160  | 63.5   | 8,950*  | 66.0   | 7,860*  | 68.3   | 7,040* |
|               | 170  | 61.5   | 8,650*  | 64.0   | 7,630*  | 66.2   | 6,890* |
|               | 180  | 59.5   | 8,360*  | 62.0   | 7,430*  | 64.2   | 6,760* |
|               | 190  | 57.4   | 8,110*  | 59.9   | 7,280*  | 62.1   | 6,650* |
|               | 200  | 55.3   | 7,890*  | 57.8   | 7,110*  | 59.9   | 6,570* |
|               | 210  | 53.1   | 7,650*  | 55.6   | 6,970*  | 57.7   | 6,480* |
|               | 220  | 50.9   | 7,480*  | 53.3   | 6,840*  | 55.4   | 6,400* |
| 230           | 48.6 | 7,280* | 51.0    | 6,740* | 53.0    | 6,350* |        |
| 240           | 46.2 | 7,160* | 48.6    | 6,640* | 50.5    | 6,310* |        |

|               |      |        |         |        |         |        |        |
|---------------|------|--------|---------|--------|---------|--------|--------|
|               | 61   | 81.8   | 13,550* | -      | -       | -      | -      |
|               | 70   | 80.3   | 13,100* | -      | -       | -      | -      |
|               | 80   | 78.6   | 12,560* | 81.1   | 10,400* | -      | -      |
|               | 90   | 76.9   | 12,120* | 79.4   | 9,990*  | 81.8   | 8,480* |
|               | 100  | 75.1   | 11,560* | 77.7   | 9,600*  | 80.0   | 8,220* |
|               | 110  | 73.4   | 11,030* | 75.9   | 9,230*  | 78.2   | 8,010* |
|               | 120  | 71.6   | 10,570* | 74.1   | 8,930*  | 76.4   | 7,780* |
|               | 130  | 69.8   | 10,120* | 72.3   | 8,640*  | 74.6   | 7,570* |
| 250' (76.2 m) | 140  | 68.0   | 9,720*  | 70.5   | 8,370*  | 72.8   | 7,370* |
|               | 150  | 66.2   | 9,360*  | 68.6   | 8,110*  | 70.9   | 7,200* |
|               | 160  | 64.3   | 9,030*  | 66.7   | 7,870*  | 69.0   | 7,050* |
|               | 170  | 62.4   | 8,730*  | 64.8   | 7,680*  | 67.0   | 6,920* |
|               | 180  | 60.5   | 8,440*  | 62.9   | 7,480*  | 65.0   | 6,770* |
|               | 190  | 58.5   | 8,180*  | 60.9   | 7,300*  | 63.0   | 6,660* |
|               | 200  | 56.5   | 7,950*  | 58.9   | 7,160*  | 61.0   | 6,560* |
|               | 210  | 54.4   | 7,740*  | 56.8   | 7,020*  | 58.8   | 6,480* |
|               | 220  | 52.3   | 7,560*  | 54.6   | 6,880*  | 56.6   | 6,400* |
|               | 230  | 50.1   | 7,360*  | 52.4   | 6,780*  | 54.4   | 6,350* |
| 240           | 47.8 | 7,230* | 50.1    | 6,660* | 52.0    | 6,310* |        |
| 250           | 45.5 | 7,060* | 47.7    | 6,590* | 49.6    | 6,270* |        |

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 62                | 81.9           | 13,530*         | -               | -               | -               | -               |
|               | 70                | 80.6           | 13,110*         | -               | -               | -               | -               |
|               | 80                | 78.9           | 12,610*         | 81.4            | 10,410*         | -               | -               |
|               | 90                | 77.3           | 12,140*         | 79.7            | 9,980*          | -               | -               |
|               | 100               | 75.6           | 11,610*         | 78.0            | 9,610*          | 80.3            | 8,240*          |
|               | 110               | 73.9           | 11,110*         | 76.3            | 9,260*          | 78.6            | 7,980*          |
|               | 120               | 72.2           | 10,650*         | 74.6            | 8,980*          | 76.8            | 7,790*          |
|               | 130               | 70.4           | 10,210*         | 72.8            | 8,680*          | 75.1            | 7,580*          |
|               | 140               | 68.7           | 9,830*          | 71.1            | 8,400*          | 73.3            | 7,390*          |
|               | 150               | 66.9           | 9,480*          | 69.3            | 8,150*          | 71.5            | 7,200*          |
| 260' (79.2 m) | 160               | 65.1           | 9,140*          | 67.5            | 7,920*          | 69.6            | 7,080*          |
|               | 170               | 63.3           | 8,820*          | 65.6            | 7,710*          | 67.8            | 6,930*          |
|               | 180               | 61.4           | 8,550*          | 63.8            | 7,530*          | 65.9            | 6,780*          |
|               | 190               | 59.5           | 8,280*          | 61.8            | 7,350*          | 63.9            | 6,680*          |
|               | 200               | 57.6           | 8,060*          | 59.9            | 7,200*          | 61.9            | 6,570*          |
|               | 210               | 55.6           | 7,810*          | 57.9            | 7,030*          | 59.9            | 6,490*          |
|               | 220               | 53.6           | 7,640*          | 55.8            | 6,920*          | 57.8            | 6,400*          |
|               | 230               | 51.5           | 7,430*          | 53.7            | 6,790*          | 55.7            | 6,350*          |
|               | 240               | 49.3           | 7,270*          | 51.6            | 6,690*          | 53.4            | 6,300*          |
|               | 250               | 47.1           | 7,140*          | 49.3            | 6,590*          | 51.1            | 6,260*          |
| 260           | 44.8              | 6,980*         | 47.0            | 6,510*          | 48.7            | 6,220*          |                 |

|               |      |        |         |        |         |        |        |
|---------------|------|--------|---------|--------|---------|--------|--------|
|               | 63   | 82.0   | 13,450* | -      | -       | -      | -      |
|               | 70   | 80.9   | 13,110* | -      | -       | -      | -      |
|               | 80   | 79.2   | 12,660* | 81.6   | 10,430* | -      | -      |
|               | 90   | 77.6   | 12,190* | 80.0   | 10,000* | -      | -      |
|               | 100  | 76.0   | 11,710* | 78.4   | 9,660*  | 80.6   | 8,210* |
|               | 110  | 74.3   | 11,220* | 76.7   | 9,310*  | 78.9   | 7,990* |
|               | 120  | 72.7   | 10,720* | 75.0   | 8,990*  | 77.2   | 7,760* |
|               | 130  | 71.0   | 10,310* | 73.3   | 8,690*  | 75.5   | 7,590* |
|               | 140  | 69.3   | 9,940*  | 71.6   | 8,430*  | 73.8   | 7,410* |
|               | 150  | 67.6   | 9,580*  | 69.9   | 8,190*  | 72.0   | 7,230* |
| 270' (82.3 m) | 160  | 65.8   | 9,220*  | 68.1   | 7,950*  | 70.3   | 7,070* |
|               | 170  | 64.1   | 8,930*  | 66.4   | 7,770*  | 68.5   | 6,910* |
|               | 180  | 62.3   | 8,620*  | 64.6   | 7,580*  | 66.6   | 6,800* |
|               | 190  | 60.4   | 8,360*  | 62.7   | 7,400*  | 64.8   | 6,690* |
|               | 200  | 58.6   | 8,140*  | 60.8   | 7,220*  | 62.8   | 6,580* |
|               | 210  | 56.7   | 7,930*  | 58.9   | 7,070*  | 60.9   | 6,480* |
|               | 220  | 54.7   | 7,690*  | 57.0   | 6,940*  | 58.9   | 6,400* |
|               | 230  | 52.7   | 7,520*  | 55.0   | 6,830*  | 56.8   | 6,340* |
|               | 240  | 50.7   | 7,340*  | 52.9   | 6,730*  | 54.7   | 6,270* |
|               | 250  | 48.6   | 7,180*  | 50.7   | 6,610*  | 52.5   | 6,220* |
| 260           | 46.4 | 7,050* | 48.5    | 6,540* | 50.3    | 6,210* |        |
| 270           | 44.1 | 6,930* | 46.2    | 6,460* | 47.9    | 6,170* |        |

195 klb + 64 klb CB

360°

ANSI B 30.5  
DIN/ISO

90' (27.4 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 | Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 65                | 81.9           | 13,340*         | -               | -               | -               | -               |               | 66                | 81.9           | 13,290*         | -               | -               | -               | -               |
|               | 70                | 81.1           | 13,120*         | -               | -               | -               | -               |               | 70                | 81.3           | 13,130*         | -               | -               | -               | -               |
|               | 80                | 79.5           | 12,650*         | 81.9            | 10,430*         | -               | -               |               | 80                | 79.8           | 12,650*         | -               | -               | -               | -               |
|               | 90                | 78.0           | 12,220*         | 80.3            | 10,030*         | -               | -               |               | 90                | 78.3           | 12,260*         | 80.5            | 10,040*         | -               | -               |
|               | 100               | 76.4           | 11,830*         | 78.7            | 9,690*          | 80.9            | 8,220*          |               | 100               | 76.7           | 11,830*         | 79.0            | 9,690*          | 81.1            | 8,190*          |
|               | 110               | 74.8           | 11,280*         | 77.1            | 9,350*          | 79.2            | 7,990*          |               | 110               | 75.2           | 11,380*         | 77.4            | 9,350*          | 79.5            | 7,990*          |
|               | 120               | 73.2           | 10,830*         | 75.5            | 9,050*          | 77.6            | 7,790*          |               | 120               | 73.6           | 10,920*         | 75.8            | 9,060*          | 77.9            | 7,790*          |
|               | 130               | 71.5           | 10,420*         | 73.8            | 8,750*          | 75.9            | 7,590*          |               | 130               | 72.0           | 10,490*         | 74.3            | 8,760*          | 76.3            | 7,590*          |
|               | 140               | 69.9           | 10,000*         | 72.2            | 8,490*          | 74.3            | 7,390*          |               | 140               | 70.4           | 10,110*         | 72.7            | 8,530*          | 74.7            | 7,390*          |
|               | 150               | 68.2           | 9,630*          | 70.5            | 8,230*          | 72.6            | 7,230*          |               | 150               | 68.8           | 9,740*          | 71.0            | 8,270*          | 73.1            | 7,230*          |
| 280' (85.3 m) | 160               | 66.5           | 9,310*          | 68.8            | 8,020*          | 70.8            | 7,070*          | 290' (88.4 m) | 160               | 67.2           | 9,410*          | 69.4            | 8,020*          | 71.4            | 7,080*          |
|               | 170               | 64.8           | 9,020*          | 67.1            | 7,810*          | 69.1            | 6,930*          |               | 170               | 65.5           | 9,070*          | 67.7            | 7,830*          | 69.7            | 6,950*          |
|               | 180               | 63.1           | 8,740*          | 65.3            | 7,590*          | 67.3            | 6,820*          |               | 180               | 63.9           | 8,810*          | 66.0            | 7,650*          | 68.0            | 6,800*          |
|               | 190               | 61.3           | 8,470*          | 63.5            | 7,410*          | 65.5            | 6,700*          |               | 190               | 62.2           | 8,540*          | 64.3            | 7,460*          | 66.3            | 6,680*          |
|               | 200               | 59.5           | 8,200*          | 61.7            | 7,260*          | 63.7            | 6,570*          |               | 200               | 60.4           | 8,280*          | 62.6            | 7,280*          | 64.5            | 6,580*          |
|               | 210               | 57.7           | 7,980*          | 59.9            | 7,120*          | 61.8            | 6,490*          |               | 210               | 58.7           | 8,060*          | 60.8            | 7,140*          | 62.7            | 6,500*          |
|               | 220               | 55.8           | 7,770*          | 58.0            | 6,980*          | 59.9            | 6,410*          |               | 220               | 56.9           | 7,840*          | 59.0            | 6,990*          | 60.8            | 6,400*          |
|               | 230               | 53.9           | 7,590*          | 56.1            | 6,840*          | 57.9            | 6,320*          |               | 230               | 55.0           | 7,670*          | 57.1            | 6,890*          | 59.0            | 6,320*          |
|               | 240               | 52.0           | 7,420*          | 54.1            | 6,740*          | 55.9            | 6,270*          |               | 240               | 53.1           | 7,460*          | 55.2            | 6,750*          | 57.0            | 6,260*          |
|               | 250               | 49.9           | 7,250*          | 52.1            | 6,640*          | 53.8            | 6,220*          |               | 250               | 51.2           | 7,330*          | 53.3            | 6,640*          | 55.0            | 6,220*          |
|               | 260               | 47.9           | 7,120*          | 50.0            | 6,540*          | 51.7            | 6,170*          | 260           | 49.2              | 7,160*         | 51.3            | 6,560*          | 53.0            | 6,170*          |                 |
|               | 270               | 45.7           | 6,990*          | 47.8            | 6,490*          | 49.5            | 6,160*          | 270           | 47.2              | 6,580          | 49.2            | 6,490*          | 50.9            | 6,120*          |                 |
|               | 280               | 43.5           | 6,300           | 45.5            | 6,310           | 47.1            | 6,150*          | 280           | 45.1              | 5,760          | 47.1            | 5,770           | 48.7            | 5,800           |                 |
|               |                   |                |                 |                 |                 |                 |                 | 290           | 42.8              | 4,780*         | 44.8            | 5,000           | 46.4            | 5,030           |                 |

100' (30.5 m) Jib length

| Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 | Boom length   | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |               |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|               | 63                | 81.9           | 10,240*         | -               | -               | -               | -               |               | 64                | 82.0           | 10,210*         | -               | -               | -               | -               |
|               | 70                | 80.7           | 9,810*          | -               | -               | -               | -               |               | 70                | 81.0           | 9,860*          | -               | -               | -               | -               |
|               | 80                | 79.1           | 9,270*          | 81.8            | 7,330*          | -               | -               |               | 80                | 79.4           | 9,300*          | -               | -               | -               | -               |
|               | 90                | 77.4           | 8,730*          | 80.1            | 6,990*          | -               | -               |               | 90                | 77.8           | 8,790*          | 80.4            | 7,000*          | -               | -               |
|               | 100               | 75.7           | 8,290*          | 78.4            | 6,710*          | 81.0            | 5,600*          |               | 100               | 76.1           | 8,340*          | 78.8            | 6,710*          | 81.3            | 5,580*          |
|               | 110               | 74.0           | 7,860*          | 76.7            | 6,410*          | 79.3            | 5,420*          |               | 110               | 74.5           | 7,920*          | 77.1            | 6,440*          | 79.6            | 5,400*          |
|               | 120               | 72.3           | 7,500*          | 75.0            | 6,160*          | 77.5            | 5,240*          |               | 120               | 72.8           | 7,550*          | 75.4            | 6,190*          | 77.9            | 5,220*          |
|               | 130               | 70.6           | 7,150*          | 73.3            | 5,940*          | 75.8            | 5,060*          |               | 130               | 71.1           | 7,230*          | 73.7            | 5,970*          | 76.2            | 5,060*          |
|               | 140               | 68.8           | 6,820*          | 71.5            | 5,720*          | 74.0            | 4,920*          |               | 140               | 69.4           | 6,890*          | 72.0            | 5,740*          | 74.5            | 4,920*          |
|               | 150               | 67.0           | 6,550*          | 69.7            | 5,520*          | 72.2            | 4,780*          |               | 150               | 67.7           | 6,620*          | 70.3            | 5,550*          | 72.7            | 4,790*          |
| 250' (76.2 m) | 160               | 65.2           | 6,290*          | 67.9            | 5,350*          | 70.3            | 4,660*          | 260' (79.2 m) | 160               | 66.0           | 6,340*          | 68.6            | 5,370*          | 70.9            | 4,670*          |
|               | 170               | 63.4           | 6,040*          | 66.0            | 5,170*          | 68.4            | 4,540*          |               | 170               | 64.2           | 6,100*          | 66.8            | 5,190*          | 69.1            | 4,550*          |
|               | 180               | 61.5           | 5,820*          | 64.2            | 5,020*          | 66.5            | 4,460*          |               | 180               | 62.4           | 5,890*          | 65.0            | 5,050*          | 67.3            | 4,450*          |
|               | 190               | 59.6           | 5,620*          | 62.3            | 4,880*          | 64.6            | 4,350*          |               | 190               | 60.6           | 5,670*          | 63.1            | 4,910*          | 65.4            | 4,360*          |
|               | 200               | 57.7           | 5,430*          | 60.3            | 4,770*          | 62.6            | 4,280*          |               | 200               | 58.7           | 5,480*          | 61.2            | 4,780*          | 63.5            | 4,270*          |
|               | 210               | 55.7           | 5,260*          | 58.3            | 4,640*          | 60.6            | 4,200*          |               | 210               | 56.8           | 5,320*          | 59.3            | 4,650*          | 61.5            | 4,190*          |
|               | 220               | 53.7           | 5,100*          | 56.2            | 4,540*          | 58.5            | 4,150*          |               | 220               | 54.9           | 5,160*          | 57.4            | 4,550*          | 59.5            | 4,130*          |
|               | 230               | 51.6           | 4,950*          | 54.1            | 4,460*          | 56.3            | 4,090*          |               | 230               | 52.9           | 5,000*          | 55.3            | 4,470*          | 57.5            | 4,080*          |
|               | 240               | 49.5           | 4,830*          | 52.0            | 4,380*          | 54.1            | 4,070*          |               | 240               | 50.8           | 4,870*          | 53.3            | 4,390*          | 55.4            | 4,050*          |
|               | 250               | 47.2           | 4,720*          | 49.7            | 4,310*          | 51.8            | 4,040*          |               | 250               | 48.7           | 4,770*          | 51.1            | 4,320*          | 53.2            | 4,000*          |
|               |                   |                |                 |                 |                 |                 |                 | 260           | 46.5              | 4,650*         | 48.9            | 4,250*          | 50.9            | 4,000*          |                 |

4

HC 275

45

## With 92HI Offset Tip Boom and 195,000 Pound Counterweight, 16HL Jib

195 klb + 64 klb CB

360°

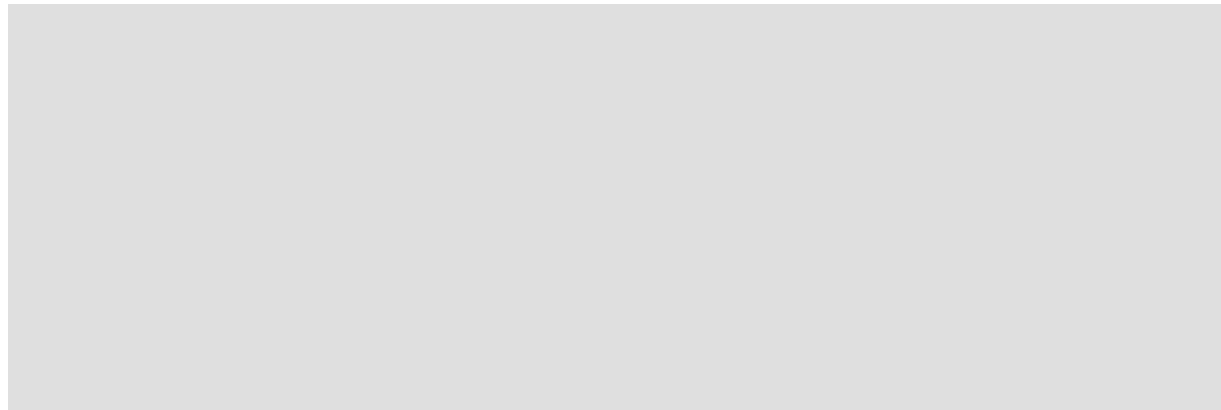
ANSI B 30.5  
DIN/ISO

### 100' (30.5 m) Jib length

| Boom length      | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|------------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                  |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|                  | 66                | 81.9           | 10,140*         | -               | -               | -               | -               |
|                  | 70                | 81.2           | 9,890*          | -               | -               | -               | -               |
|                  | 80                | 79.7           | 9,360*          | -               | -               | -               | -               |
|                  | 90                | 78.1           | 8,850*          | 80.7            | 7,040*          | -               | -               |
|                  | 100               | 76.5           | 8,390*          | 79.1            | 6,710*          | 81.5            | 5,570*          |
|                  | 110               | 74.9           | 8,000*          | 77.5            | 6,470*          | 79.9            | 5,390*          |
|                  | 120               | 73.3           | 7,630*          | 75.8            | 6,210*          | 78.2            | 5,210*          |
|                  | 130               | 71.7           | 7,290*          | 74.2            | 5,960*          | 76.6            | 5,060*          |
|                  | 140               | 70.0           | 6,940*          | 72.6            | 5,760*          | 74.9            | 4,910*          |
|                  | 150               | 68.3           | 6,660*          | 70.9            | 5,570*          | 73.2            | 4,770*          |
| 270'<br>(82.3 m) | 160               | 66.7           | 6,380*          | 69.2            | 5,380*          | 71.5            | 4,640*          |
|                  | 170               | 65.0           | 6,170*          | 67.5            | 5,220*          | 69.7            | 4,530*          |
|                  | 180               | 63.2           | 5,920*          | 65.7            | 5,050*          | 68.0            | 4,440*          |
|                  | 190               | 61.5           | 5,710*          | 63.9            | 4,910*          | 66.2            | 4,350*          |
|                  | 200               | 59.7           | 5,540*          | 62.1            | 4,800*          | 64.3            | 4,270*          |
|                  | 210               | 57.8           | 5,340*          | 60.3            | 4,660*          | 62.4            | 4,180*          |
|                  | 220               | 56.0           | 5,180*          | 58.4            | 4,580*          | 60.5            | 4,120*          |
|                  | 230               | 54.1           | 5,050*          | 56.5            | 4,480*          | 58.6            | 4,060*          |
|                  | 240               | 52.1           | 4,920*          | 54.5            | 4,400*          | 56.5            | 4,030*          |
|                  | 250               | 50.1           | 4,790*          | 52.4            | 4,320*          | 54.5            | 3,980*          |
| 260              | 48.0              | 4,700*         | 50.3            | 4,250*          | 52.3            | 3,970*          |                 |
| 270              | 45.8              | 4,580*         | 48.2            | 4,200*          | 50.1            | 3,960*          |                 |

|                  |      |        |         |        |        |        |        |
|------------------|------|--------|---------|--------|--------|--------|--------|
|                  | 67   | 81.9   | 10,110* | -      | -      | -      | -      |
|                  | 70   | 81.5   | 9,940*  | -      | -      | -      | -      |
|                  | 80   | 79.9   | 9,390*  | -      | -      | -      | -      |
|                  | 90   | 78.4   | 8,930*  | 80.9   | 7,010* | -      | -      |
|                  | 100  | 76.9   | 8,470*  | 79.4   | 6,730* | 81.8   | 5,540* |
|                  | 110  | 75.3   | 8,040*  | 77.8   | 6,450* | 80.2   | 5,360* |
|                  | 120  | 73.7   | 7,670*  | 76.2   | 6,220* | 78.6   | 5,200* |
|                  | 130  | 72.2   | 7,340*  | 74.6   | 5,970* | 77.0   | 5,050* |
|                  | 140  | 70.6   | 7,030*  | 73.0   | 5,770* | 75.3   | 4,900* |
|                  | 150  | 68.9   | 6,740*  | 71.4   | 5,570* | 73.7   | 4,760* |
| 280'<br>(85.3 m) | 160  | 67.3   | 6,450*  | 69.8   | 5,390* | 72.0   | 4,640* |
|                  | 170  | 65.7   | 6,200*  | 68.1   | 5,220* | 70.3   | 4,530* |
|                  | 180  | 64.0   | 5,990*  | 66.4   | 5,080* | 68.6   | 4,440* |
|                  | 190  | 62.3   | 5,780*  | 64.7   | 4,940* | 66.9   | 4,350* |
|                  | 200  | 60.6   | 5,590*  | 63.0   | 4,800* | 65.1   | 4,260* |
|                  | 210  | 58.8   | 5,400*  | 61.2   | 4,680* | 63.3   | 4,170* |
|                  | 220  | 57.0   | 5,230*  | 59.4   | 4,570* | 61.5   | 4,110* |
|                  | 230  | 55.2   | 5,100*  | 57.5   | 4,490* | 59.6   | 4,050* |
|                  | 240  | 53.3   | 4,950*  | 55.6   | 4,410* | 57.6   | 4,000* |
|                  | 250  | 51.3   | 4,850*  | 53.7   | 4,330* | 55.6   | 3,960* |
| 260              | 49.4 | 4,720* | 51.7    | 4,260* | 53.6   | 3,940* |        |
| 270              | 47.3 | 4,630* | 49.6    | 4,200* | 51.5   | 3,910* |        |
| 280              | 45.2 | 4,540* | 47.4    | 4,160* | 49.3   | 3,910* |        |

| Boom length      | Jib Radius (Feet) | 5.0 Deg offset |                 | 15.0 Deg offset |                 | 25.0 Deg offset |                 |
|------------------|-------------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                  |                   | Boom Angle     | Rating (Pounds) | Boom Angle      | Rating (Pounds) | Boom Angle      | Rating (Pounds) |
|                  | 68                | 82.0           | 10,090*         | -               | -               | -               | -               |
|                  | 70                | 81.7           | 9,970*          | -               | -               | -               | -               |
|                  | 80                | 80.2           | 9,450*          | -               | -               | -               | -               |
|                  | 90                | 78.7           | 8,970*          | 81.2            | 7,010*          | -               | -               |
|                  | 100               | 77.2           | 8,510*          | 79.7            | 6,750*          | 82.0            | 5,520*          |
|                  | 110               | 75.7           | 8,080*          | 78.1            | 6,460*          | 80.4            | 5,350*          |
|                  | 120               | 74.2           | 7,720*          | 76.6            | 6,230*          | 78.9            | 5,180*          |
|                  | 130               | 72.6           | 7,380*          | 75.1            | 5,980*          | 77.3            | 5,040*          |
|                  | 140               | 71.1           | 7,050*          | 73.5            | 5,790*          | 75.7            | 4,880*          |
|                  | 150               | 69.5           | 6,790*          | 71.9            | 5,590*          | 74.1            | 4,750*          |
| 290'<br>(88.4 m) | 160               | 67.9           | 6,530*          | 70.3            | 5,400*          | 72.5            | 4,620*          |
|                  | 170               | 66.3           | 6,270*          | 68.7            | 5,250*          | 70.9            | 4,520*          |
|                  | 180               | 64.7           | 6,020*          | 67.1            | 5,080*          | 69.2            | 4,430*          |
|                  | 190               | 63.1           | 5,810*          | 65.4            | 4,940*          | 67.5            | 4,320*          |
|                  | 200               | 61.4           | 5,630*          | 63.7            | 4,830*          | 65.8            | 4,250*          |
|                  | 210               | 59.7           | 5,460*          | 62.0            | 4,690*          | 64.1            | 4,160*          |
|                  | 220               | 58.0           | 5,290*          | 60.3            | 4,580*          | 62.3            | 4,100*          |
|                  | 230               | 56.2           | 5,130*          | 58.5            | 4,500*          | 60.5            | 4,040*          |
|                  | 240               | 54.4           | 4,990*          | 56.7            | 4,400*          | 58.6            | 3,980*          |
|                  | 250               | 52.5           | 4,860*          | 54.8            | 4,340*          | 56.7            | 3,950*          |
| 260              | 50.6              | 4,760*         | 52.9            | 4,260*          | 54.8            | 3,920*          |                 |
| 270              | 48.7              | 4,660*         | 50.9            | 4,190*          | 52.8            | 3,890*          |                 |
| 280              | 46.6              | 4,570*         | 48.9            | 4,140*          | 50.7            | 3,870*          |                 |
| 290              | 44.6              | 4,480*         | 46.7            | 4,100*          | 48.5            | 3,870*          |                 |



## Notes to lifting capacity

### ⚠ Warning

This rating chart is invalid if the crane has been modified or altered by use of other than GENUINE AMERICAN PARTS as such modifications or alterations may affect its capacity or safe operation. See American Crane Corporation Service Bulletin #259.

Ratings in this chart are in POUNDS and do not exceed the percentage of tipping specified for this crane by ANSI B30.5. All ratings require that the crane be standing level on a firm uniformly supporting surface.

Do not lift loads in excess of those shown on this chart. Lifting loads in excess of those shown or operation not in accordance with good operating practice, including limitations shown on page 3499 of Operator's Manual, can cause tipping, structural damage or catastrophic failure.

Asterisk (\*) areas on this chart indicate ratings which are limited by strength of material or factors other than stability (tipping).

„RADIUS IN FEET“ is the horizontal distance at ground level from the crane centerline of rotation to a vertical line through the center of gravity of the suspended load.

When using the main boom fall with jib in place, the main fall ratings must be reduced by the jib effective weight shown on the jib rating chart plus twice the weight of all suspended blocks, slings, rope, etc., at the jib fall. See Appendix A.

Blocks, slings, buckets and other load carrying devices are considered part of the load. The weight of standard hoisting ropes for the rating at a given radius has been calculated as part of the boom point load and need not be considered in determining net allowable loads. See Appendix A.

Ratings shown on this chart make no allowance for such factors as out of plumb loads, wind, poor soil conditions and dynamic effects due to excessive operating speeds. The user (operator) must exercise judgement to make allowance for these conditions. See page 3499 of Operator's Manual for detailed information.

No account is taken of the wind force on the load. This effect, which can be substantial for loads with large surface areas, must be considered by the user. In any wind it is strongly recommended that taglines be used to control the load.

Combinations of boom or boom and jib with a total length exceeding 350 ft (107 m) can be operated at full rated capacity only in wind speeds of 15 mph (24 km/h) or less. If lifts are to be performed in winds between 15 mph (24 km/h) and 25 mph (40 km/h), ratings must be reduced 10%. No operation of the above combinations should be attempted in wind speeds over 40 km/h (25 mph). The above limitations do not take into account loads with excessive surface area which are not restrained by tag lines.

BOOM HOIST LINE is 18 parts of 7/8 inch diameter 6 x 26, WS, FW, RAL, IWRC, EIPS wire rope with a minimum breaking strength of 79,600 pounds.

BOOM PENDANT SUSPENSION is 4 parts of 1-3/8 inch diameter EEIPS wire rope with a minimum breaking strength of 211,000 pounds.

JIB BACKSTAY LINE is 7/8 inch diameter wire rope with a minimum breaking strength of 69,200 pounds.

JIB FRONTSTAY PENDANT SUSPENSION is 2 parts of 7/8 inch diameter wire rope with a minimum breaking strength of 69,200 pounds.

WHIPLINE is 1-1/8 inch diameter 6 x 25, FW, RRL, IWRC, EEIPS wire rope with a minimum breaking strength of 143,000 pounds.

### ERECTION

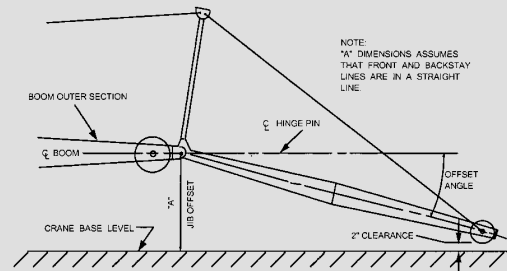
Erection „BLOCKED OVER THE END“ is with the boom over the idler end with idler tumblers blocked (See operator's manual for blocking instructions). Erection „OVER THE SIDE“ is with the boom 90° to the side frames. Blocks, slings and other load carrying devices must be on the ground during erection.

| LOAD HOISTING INFORMATION - 1-1/8 inch diameter EEIPS wire rope |                       |                                  |           |
|---|-----------------------|----------------------------------|-----------|
| MAXIMUM LIFTING CAPACITY - LBS.                                 | MINIMUM PARTS OF LINE | MAXIMUM HOISTING DISTANCE - FEET |           |
|   |                       | MAIN HOIST                       | AUX HOIST |
| 32,000  | 1                     | 1,310                            | 1,310     |

| 92HI OFFSET TIP BOOM<br>MAXIMUM BOOM & JIB SELF-ERECTION DATA |                    |                 |
|---|--------------------|-----------------|
|   | BOOM LENGTH (FEET) | JIB LENGTH      |
|   |                    | 16HL JIB (FEET) |
| BLOCKED OVER THE END  | 300                | 50              |
|   | 290                | 100             |
| OVER THE SIDE   | 280                | 0               |
|   | 270                | 70              |
|   | 260                | 100             |

| BOOM COMPOSITION CHART - 92HI OFFSET TIP |                |                 |                 |                 |                 |               |  |
|--|----------------|-----------------|-----------------|-----------------|-----------------|---------------|--|
| BOOM LENGTH (FEET)                       | BOOM SECTIONS  |                 |                 |                 |                 |               |  |
|  | 25' 92HI INNER | 15' 92HT CENTER | 20' 92HT CENTER | 10' 92ST CENTER | 50' 92ST CENTER | 40' 92H OUTER |  |
| 100                                      | 1              | 1               | 1               | 0               | 0               | 1             |  |
| 110                                      | 1              | 1               | 1               | 1               | 0               | 1             |  |
| 120                                      | 1              | 1               | 1               | 2               | 0               | 1             |  |
| 130                                      | 1              | 1               | 0               | 0               | 1               | 1             |  |
| 140                                      | 1              | 1               | 0               | 1               | 1               | 1             |  |
| 150                                      | 1              | 1               | 1               | 0               | 1               | 1             |  |
| 160                                      | 1              | 1               | 1               | 1               | 1               | 1             |  |
| 170                                      | 1              | 1               | 1               | 2               | 1               | 1             |  |
| 180                                      | 1              | 1               | 0               | 0               | 2               | 1             |  |
| 190                                      | 1              | 1               | 0               | 1               | 2               | 1             |  |
| 200                                      | 1              | 1               | 1               | 0               | 2               | 1             |  |
| 210                                      | 1              | 1               | 1               | 1               | 2               | 1             |  |
| 220                                      | 1              | 1               | 1               | 2               | 2               | 1             |  |
| 230                                      | 1              | 1               | 0               | 0               | 3               | 1             |  |
| 240                                      | 1              | 1               | 0               | 1               | 3               | 1             |  |
| 250                                      | 1              | 1               | 1               | 0               | 3               | 1             |  |
| 260                                      | 1              | 1               | 1               | 1               | 3               | 1             |  |
| 270                                      | 1              | 1               | 1               | 2               | 3               | 1             |  |
| 280                                      | 1              | 1               | 0               | 0               | 4               | 1             |  |
| 290                                      | 1              | 1               | 0               | 1               | 4               | 1             |  |

| 16HL JIB COMPOSITION CHART |           |            |            |           |                          |                        |         |        |  |
|----------------------------|-----------|------------|------------|-----------|--------------------------|------------------------|---------|--------|--|
| JIB LENGTH (FEET)          | 20' INNER | 10' CENTER | 20' CENTER | 20' OUTER | EFF. JIB WEIGHT (POUNDS) | JIB OFFSET "A" IN FEET |         |        |  |
|                            |           |            |            |           |                          | 5'                     | 15'     | 25'    |  |
| 40                         | 1         | 0          | 0          | 1         | 1,500                    | 4' 10"                 | 10' 2"  | 15' 1" |  |
| 50                         | 1         | 1          | 0          | 1         | 2,050                    | 5' 8"                  | 12' 1"  | 18' 3" |  |
| 60                         | 1         | 0          | 1          | 1         | 2,600                    | 6' 6"                  | 13' 10" | 21' 2" |  |
| 70                         | 1         | 1          | 1          | 1         | 3,150                    | 7' 1"                  | 15' 10" | 24' 4" |  |
| 80                         | 1         | 0          | 2          | 1         | 3,700                    | 7' 9"                  | 17' 8"  | 27' 4" |  |
| 90                         | 1         | 1          | 2          | 1         | 4,350                    | 8' 4"                  | 19' 7"  | 30' 7" |  |
| 100                        | 1         | 0          | 3          | 1         | 4,950                    | 9' 0"                  | 21' 4"  | 33' 6" |  |



## Technical description

### Hydraulic Crawler Crane

#### Maximum lifting capacity

275 tons (249.5 m).

#### 300 ft (91.4 m) maximum lift crane boom

- 92HI tubular chord boom, pin connected.
- 65 ft (19.8 m) inner and outer and 10 / 15 / 20 / 50 ft (3 / 4.5 / 6 / 15 m) available inserts provide boom compositions in 10 ft (3 m) increments from 65 ft (19.8 m) to 300 ft (91.4 m).

#### Robust engine

- Cummins Model QSL9-C diesel engine supplies 325 HP (242 kW) @ 2000 rpm, 542 cu. in. (9 l) displacement, 180 gallons (681 l) fuel capacity.

#### Environmental operator's cab

- Designed to provide excellent viewing range and quiet, comfortable operation.
- 37 in. (0.91 m) wide cab has wide curved windows on both top and bottom.
- Easy-to-operate modular and ergonomically designed controls reduce operator fatigue and increase productivity.
- Load Moment Indicator with interactive screen features a shockless stop system. Operator can select from three display modes: loaded condition diagram, rated lifting curve, and rated lifting load table.
- Adjustable operator's seat, radio, air conditioner, overhead window, sun visor, fan, overhead and front wipers, and drum rotation indicators standard.

#### Heavy duty carbody and crawlers

- Fabricated steel carbody is deep box constructed with square axles for the crawler side frames. Precision machined top supports anti-friction swing circle and multiple pass hydraulic swivel joint.
- Crawlers have high alloy steel tumbler yokes and rigid fabricated structures with built-in sealed automatic lubrication system.
- 48" (1219 mm) crawler shoes.
- Travel mechanism is set within shoe width.
- Side frames extended or retracted by cylinders inside the carbody.
- Two travel speed settings – 0.55 / 0.37 mph (0.88 / 0.60 km/h).
- 30 % (17°) gradeability.

#### Powerful, high-speed hoist system

- Two identical independent main and auxiliary load hoisting drums provide ample lifting power. Drums are grooved for 1-1/8 in. (28 mm) diameter rope. Max. line speed is 540 fpm (165 m/min), max. single line pull is 54,060 lb (24 522 kg). Rated single line pull is 40,850 lb (18 530 kg). Freefall on main and auxiliary drums.
- Each drum, including optional third, has power up/down. Load hoists are further controllable in stepless mode.
- Ample work space in front of drums allows easy access for cable installation and maintenance.
- External contracting brake.
- Internal expanding band clutch.
- Separate caption for swing.
- 1.7 rpm swing speed.

#### High capacity, dependable hydraulic system

- Open circuit system has 2 variable displacement piston pumps which supply power to the travel and hoisting functions, 3 gear pumps provide power for swing, hydraulic cylinders and pilot pressure.
- Hydraulic reservoir with 90 gallons (341 l) capacity and 10 micron filtration. System capacity is 150 gallons (568 l).
- Component working range is between -4 and 203° F (-20 and 95° C).

#### Thirteen piece removable counterweight

- 13 piece pin connected counterweight can be assembled or disassembled easily within minutes.
- Hydraulic counterweight removal system is standard and makes the HC 275 one of the most transportable cranes in its class.
- Moves on 11 trucks with 260 ft (79.2 m) boom and 105 ft (32.0 m) of jib. At 11 ft 6 in. (3.51 m) wide and 11 ft 3 in. (3.43 m) high, the basic HC 275 will transport on a standard lowboy trailer.

#### Options include

- Third drum.
- Single sheave extension.
- Choice of 16HL – 32,000 lb (14 515 kg), #30 – 60,000 lb (27 216 kg), or #40 – 80,000 lb (36 287 kg) capacity jib.
- Reeving winch.

## Transport example for HC 275

### 260' 92HI Boom with six sheave offset tip & 105' of jib

Loads required as follows: (weights shown do NOT include blocking or tie-down material)

|  |                    |
|--|--------------------|
| <b>LOAD NO. 1</b>                                  |                    |
| 3 x counterweight overlays @ 13,000 lbs each ..... | 39,000 lbs.        |
| 1 x 50' boom center section .....                  | 5,000 lbs.         |
| <b>TOTAL LOAD</b> .....                            | <b>44,000 lbs.</b> |
| <b>LOAD NO. 2</b>                                  |                    |
| 3 x counterweight overlays @ 13,000 lbs each ..... | 39,000 lbs.        |
| 1 x 50' boom center section .....                  | 5,000 lbs.         |
| <b>TOTAL LOAD</b> .....                            | <b>44,000 lbs.</b> |
| <b>LOAD NO. 3</b>                                  |                    |
| 3 x counterweight overlays @ 13,000 lbs each ..... | 39,000 lbs.        |
| 1 x 50' boom center section .....                  | 5,000 lbs.         |
| <b>TOTAL LOAD</b> .....                            | <b>44,000 lbs.</b> |
| <b>LOAD NO. 4</b>                                  |                    |
| 1 x counterweight overlays @ 13,000 lbs each ..... | 13,000 lbs.        |
| 40' six sheave outer section .....                 | 6,660 lbs.         |
| <b>TOTAL LOAD</b> .....                            | <b>19,660 lbs.</b> |
| <b>LOAD NO. 5</b>                                  |                    |
| 25' boom inner section .....                       | 6,500 lbs.         |
| Front carbody counterweight .....                  | 32,000 lbs.        |
| <b>TOTAL LOAD</b> .....                            | <b>38,500 lbs.</b> |
| <b>LOAD NO. 6</b>                                  |                    |
| 2 x counterweight overlays @ 13,000 lbs each ..... | 26,000 lbs.        |
| 1 x 20' boom center section .....                  | 3,010 lbs.         |
| 1 x 10' boom center section .....                  | 1,375 lbs.         |
| 1 x 15' boom center section .....                  | 2,750 lbs.         |
| <b>TOTAL LOAD</b> .....                            | <b>33,135 lbs.</b> |
| <b>LOAD NO. 7</b>                                  |                    |
| Base counterweight .....                           | 39,000 lbs.        |
| <b>TOTAL LOAD</b> .....                            | <b>39,000 lbs.</b> |
| <b>LOAD NO. 8</b>                                  |                    |
| Crawler side frame .....                           | 48,000 lbs.        |
| <b>TOTAL LOAD</b> .....                            | <b>48,000 lbs.</b> |
| <b>LOAD NO. 9</b>                                  |                    |
| Crawler side frame .....                           | 48,000 lbs.        |
| <b>TOTAL LOAD</b> .....                            | <b>48,000 lbs.</b> |
| <b>LOAD NO. 10</b>                                 |                    |
| Rear carbody counterweight .....                   | 32,000 lbs.        |
| 12.5' jib inner .....                              | 965 lbs.           |
| 12.5' jib outer .....                              | 910 lbs.           |
| Jib mast .....                                     | 900 lbs.           |
| 2 x 10' jib center sections @ 460 each .....       | 920 lbs.           |
| 2 x 30' jib center sections @ 1,300 each .....     | 2,600 lbs.         |
| Miscellaneous .....                                | 5,000 lbs.         |
| <b>TOTAL LOAD</b> .....                            | <b>43,295 lbs.</b> |
| <b>LOAD NO. 11</b>                                 |                    |
| Upperworks and Carbody .....                       | 107,000 lbs.       |

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## Key

 Counterweight

CB Central ballast

HC 275

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The information contained in this brochure merely consists of general descriptions and a broad compilation of performance features which might not apply precisely as described under specific application conditions or which may change as a result of further product development.  
The desired performance features only become binding once expressly agreed in the final contract.

Subject to change without notice. · Machine operation is subject to computer charts only.

03/03

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# AMERICAN HC 275 Hydraulic Crawler Crane 92 HI Boom

## LIFT RATINGS IN POUNDS

With 92HI Offset Tip Boom and 172,000 Pound Counterweight

| Boom Length     | Radius (Feet)   | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |     |
|-----------------|-----------------|----------------------|----------------------------|--------------------------------|-----|
| 65'<br>(21.3M)  | 16              | 81.4                 | 550,000 *                  | 77                             |     |
|                 | 20              | 77.8                 | 431,740 *                  | 76                             |     |
|                 | 25              | 73.2                 | 342,870 *                  | 75                             |     |
|                 | 30              | 68.5                 | 260,230                    | 74                             |     |
|                 | 35              | 63.6                 | 205,850                    | 72                             |     |
|                 | 40              | 58.5                 | 169,740                    | 69                             |     |
|                 | 50              | 47.2                 | 124,690                    | 62                             |     |
| 80'<br>(24.4M)  | 33.1            | 33.1                 | 97,730                     | 52                             |     |
|                 | 18              | 81.6                 | 480,390 *                  | 87                             |     |
|                 | 20              | 80.1                 | 431,080 *                  | 86                             |     |
|                 | 25              | 76.4                 | 342,340 *                  | 85                             |     |
|                 | 30              | 72.7                 | 260,560                    | 84                             |     |
|                 | 35              | 68.9                 | 206,110                    | 82                             |     |
|                 | 40              | 64.9                 | 169,970                    | 80                             |     |
| 90'<br>(27.4M)  | 50              | 56.6                 | 124,870                    | 74                             |     |
|                 | 60              | 47.4                 | 97,910                     | 67                             |     |
|                 | 70              | 36.5                 | 79,960                     | 55                             |     |
|                 | 80              | 21.0                 | 67,040                     | 36                             |     |
|                 | 19              | 81.8                 | 453,450 *                  | 97                             |     |
|                 | 20              | 81.2                 | 430,220 *                  | 97                             |     |
|                 | 25              | 78.0                 | 341,540 *                  | 96                             |     |
| 100'<br>(30.5M) | 30              | 74.7                 | 260,340                    | 94                             |     |
|                 | 35              | 71.3                 | 205,850                    | 93                             |     |
|                 | 40              | 67.9                 | 169,700                    | 91                             |     |
|                 | 50              | 60.8                 | 124,580                    | 86                             |     |
|                 | 60              | 53.1                 | 97,620                     | 80                             |     |
|                 | 70              | 44.5                 | 79,700                     | 71                             |     |
|                 | 80              | 34.2                 | 66,780                     | 58                             |     |
| 110'<br>(33.5M) | 90              | 19.7                 | 57,080                     | 38                             |     |
|                 | 21              | 81.5                 | 407,940 *                  | 107                            |     |
|                 | 25              | 79.2                 | 340,540 *                  | 106                            |     |
|                 | 30              | 76.2                 | 259,990                    | 105                            |     |
|                 | 35              | 73.3                 | 205,460                    | 103                            |     |
|                 | 40              | 70.2                 | 169,290                    | 102                            |     |
|                 | 50              | 64.0                 | 124,150                    | 98                             |     |
| 120'<br>(36.6M) | 60              | 57.3                 | 97,190                     | 92                             |     |
|                 | 70              | 50.1                 | 79,290                     | 84                             |     |
|                 | 80              | 42.1                 | 66,360                     | 75                             |     |
|                 | 90              | 32.4                 | 56,670                     | 61                             |     |
|                 | 100             | 18.6                 | 49,130                     | 40                             |     |
|                 | 22              | 81.8                 | 387,980 *                  | 117                            |     |
|                 | 25              | 80.2                 | 339,650 *                  | 116                            |     |
| 130'<br>(39.6M) | 30              | 77.5                 | 259,670                    | 115                            |     |
|                 | 35              | 74.8                 | 205,110                    | 114                            |     |
|                 | 40              | 72.1                 | 168,930                    | 112                            |     |
|                 | 50              | 66.5                 | 123,770                    | 109                            |     |
|                 | 60              | 60.6                 | 96,820                     | 104                            |     |
|                 | 70              | 54.4                 | 78,920                     | 97                             |     |
|                 | 80              | 47.6                 | 66,000                     | 89                             |     |
| 140'<br>(42.7M) | 90              | 40.0                 | 56,300                     | 78                             |     |
|                 | 100             | 30.8                 | 48,760                     | 64                             |     |
|                 | 110             | 17.7                 | 42,740                     | 41                             |     |
|                 | 23              | 82.0                 | 369,440 *                  | 126                            |     |
|                 | 25              | 81.0                 | 338,750 *                  | 126                            |     |
|                 | 30              | 78.6                 | 259,330                    | 125                            |     |
|                 | 35              | 76.1                 | 204,730                    | 124                            |     |
| 150'<br>(45.7M) | 40              | 73.6                 | 168,540                    | 123                            |     |
|                 | 50              | 68.6                 | 123,360                    | 119                            |     |
|                 | 60              | 63.3                 | 96,410                     | 115                            |     |
|                 | 70              | 57.8                 | 78,530                     | 109                            |     |
|                 | 80              | 51.9                 | 65,590                     | 102                            |     |
|                 | 29              | 81.7                 | 288,860                    | 156                            |     |
|                 | 30              | 80.9                 | 258,550                    | 156                            |     |
| 160'<br>(48.8M) | 35              | 78.9                 | 203,880                    | 155                            |     |
|                 | 40              | 77.0                 | 167,670                    | 154                            |     |
|                 | 50              | 73.0                 | 122,460                    | 151                            |     |
|                 | 60              | 69.0                 | 95,530                     | 148                            |     |
|                 | 70              | 64.8                 | 77,690                     | 143                            |     |
|                 | 80              | 60.5                 | 64,740                     | 138                            |     |
|                 | 90              | 55.9                 | 55,020                     | 132                            |     |
| 170'<br>(51.8M) | 100             | 51.2                 | 47,470                     | 124                            |     |
|                 | 110             | 46.0                 | 41,440                     | 116                            |     |
|                 | 120             | 40.4                 | 36,720                     | 105                            |     |
|                 | 130             | 34.0                 | 32,590                     | 91                             |     |
|                 | 140             | 26.2                 | 29,090                     | 74                             |     |
|                 | 150             | 15.1                 | 26,080                     | 47                             |     |
|                 | 29              | 81.8                 | 270,330 *                  | 166                            |     |
| 180'<br>(54.9M) | 30              | 81.5                 | 258,170                    | 166                            |     |
|                 | 35              | 79.6                 | 203,480                    | 165                            |     |
|                 | 40              | 77.8                 | 167,250                    | 164                            |     |
|                 | 50              | 74.1                 | 122,020                    | 162                            |     |
|                 | 60              | 70.3                 | 95,080                     | 158                            |     |
|                 | 70              | 66.5                 | 77,260                     | 154                            |     |
|                 | 80              | 62.5                 | 64,280                     | 150                            |     |
| 190'<br>(57.9M) | 90              | 58.3                 | 54,570                     | 144                            |     |
|                 | 100             | 54.0                 | 47,010                     | 137                            |     |
|                 | 110             | 49.4                 | 40,970                     | 129                            |     |
|                 | 120             | 44.5                 | 36,290                     | 120                            |     |
|                 | 130             | 39.0                 | 32,150                     | 108                            |     |
|                 | 140             | 32.8                 | 28,660                     | 94                             |     |
|                 | 150             | 25.3                 | 25,650                     | 76                             |     |
| 29              | 81.8            | 270,330 *            | 166                        |                                |     |
| 200'<br>(61.0M) | 30              | 81.5                 | 258,170                    | 166                            |     |
|                 | 35              | 79.6                 | 203,480                    | 165                            |     |
|                 | 40              | 77.8                 | 167,250                    | 164                            |     |
|                 | 50              | 74.1                 | 122,020                    | 162                            |     |
|                 | 60              | 70.3                 | 95,080                     | 158                            |     |
|                 | 70              | 66.5                 | 77,260                     | 154                            |     |
|                 | 80              | 62.5                 | 64,280                     | 150                            |     |
| 210'<br>(64.0M) | 90              | 58.3                 | 54,570                     | 144                            |     |
|                 | 100             | 54.0                 | 47,010                     | 137                            |     |
|                 | 110             | 49.4                 | 40,970                     | 129                            |     |
|                 | 120             | 44.5                 | 36,290                     | 120                            |     |
|                 | 130             | 39.0                 | 32,150                     | 108                            |     |
|                 | 140             | 32.8                 | 28,660                     | 94                             |     |
|                 | 150             | 25.3                 | 25,650                     | 76                             |     |
| 35              | 81.7            | 193,970 *            | 206                        |                                |     |
| 220'<br>(67.0M) | 40              | 80.3                 | 165,740                    | 205                            |     |
|                 | 50              | 77.4                 | 120,900                    | 203                            |     |
|                 | 60              | 74.4                 | 93,520                     | 200                            |     |
|                 | 70              | 71.4                 | 75,740                     | 197                            |     |
|                 | 80              | 68.3                 | 62,740                     | 194                            |     |
|                 | 90              | 65.2                 | 52,990                     | 189                            |     |
|                 | 100             | 62.0                 | 45,410                     | 184                            |     |
| 230'<br>(70.0M) | 110             | 58.7                 | 39,750                     | 179                            |     |
|                 | 120             | 55.3                 | 34,790                     | 172                            |     |
|                 | 130             | 51.7                 | 30,640                     | 165                            |     |
|                 | 140             | 47.9                 | 27,140                     | 156                            |     |
|                 | 150             | 43.9                 | 24,150                     | 146                            |     |
|                 | 32              | 81.8                 | 215,060 *                  | 186                            |     |
|                 | 240'<br>(73.0M) | 35                   | 80.8                       | 202,820                        | 185 |
| 40              |                 | 79.2                 | 166,600                    | 184                            |     |
| 50              |                 | 75.9                 | 121,360                    | 182                            |     |
| 60              |                 | 72.6                 | 94,450                     | 179                            |     |
| 70              |                 | 69.2                 | 76,660                     | 176                            |     |
| 80              |                 | 65.8                 | 63,680                     | 172                            |     |
| 90              |                 | 62.2                 | 53,950                     | 167                            |     |
| 250'<br>(76.0M) | 100             | 58.5                 | 46,390                     | 161                            |     |
|                 | 110             | 54.7                 | 40,350                     | 155                            |     |
|                 | 120             | 50.7                 | 35,720                     | 147                            |     |
|                 | 130             | 46.4                 | 31,600                     | 138                            |     |
|                 | 140             | 41.8                 | 28,090                     | 128                            |     |
|                 | 150             | 36.7                 | 25,100                     | 115                            |     |
|                 | 160             | 30.9                 | 22,490                     | 100                            |     |
| 260'<br>(79.0M) | 170             | 23.8                 | 20,220                     | 80                             |     |
|                 | 33              | 81.9                 | 199,300 *                  | 196                            |     |
|                 | 35              | 81.3                 | 197,990 *                  | 195                            |     |
|                 | 40              | 79.8                 | 166,180                    | 195                            |     |
|                 | 50              | 76.7                 | 120,930                    | 193                            |     |
|                 | 60              | 73.6                 | 94,000                     | 190                            |     |
|                 | 70              | 70.4                 | 76,220                     | 187                            |     |
| 270'<br>(82.0M) | 80              | 67.1                 | 63,230                     | 183                            |     |
|                 | 90              | 63.8                 | 53,490                     | 178                            |     |
|                 | 100             | 60.4                 | 45,920                     | 173                            |     |
|                 | 110             | 56.8                 | 40,240                     | 167                            |     |
|                 | 120             | 53.1                 | 35,280                     | 160                            |     |
|                 | 130             | 49.2                 | 31,140                     | 152                            |     |
|                 | 140             | 45.1                 | 27,650                     | 142                            |     |
| 280'<br>(85.0M) | 150             | 40.6                 | 24,650                     | 131                            |     |
|                 | 160             | 35.7                 | 22,050                     | 118                            |     |
|                 | 170             | 30.0                 | 19,770                     | 103                            |     |
|                 | 180             | 23.2                 | 17,770                     | 82                             |     |
|                 | 35              | 81.7                 | 193,970 *                  | 206                            |     |
|                 | 290'<br>(88.0M) | 40                   | 80.3                       | 165,740                        | 205 |
|                 |                 | 50                   | 77.4                       | 120,900                        | 203 |
| 60              |                 | 74.4                 | 93,520                     | 200                            |     |
| 70              |                 | 71.4                 | 75,740                     | 197                            |     |
| 80              |                 | 68.3                 | 62,740                     | 194                            |     |
| 90              |                 | 65.2                 | 52,990                     | 189                            |     |
| 100             |                 | 62.0                 | 45,410                     | 184                            |     |
| 300'<br>(91.0M) | 110             | 58.7                 | 39,750                     | 179                            |     |
|                 | 120             | 55.3                 | 34,790                     | 172                            |     |
|                 | 130             | 51.7                 | 30,640                     | 165                            |     |
|                 | 140             | 47.9                 | 27,140                     | 156                            |     |
|                 | 150             | 43.9                 | 24,150                     | 146                            |     |
|                 | 35              | 81.7                 | 193,970 *                  | 206                            |     |
|                 | 310'<br>(94.0M) | 40                   | 80.3                       | 165,740                        | 205 |
| 50              |                 | 77.4                 | 120,900                    | 203                            |     |
| 60              |                 | 74.4                 | 93,520                     | 200                            |     |
| 70              |                 | 71.4                 | 75,740                     | 197                            |     |
| 80              |                 | 68.3                 | 62,740                     | 194                            |     |
| 90              |                 | 65.2                 | 52,990                     | 189                            |     |
| 100             |                 | 62.0                 | 45,410                     | 184                            |     |

Form No. HC-275-CR-92HI



**LIFT RATINGS IN POUNDS (continued)**

**With 92HI Offset Tip Boom and 172,000 Pound Counterweight**

| Boom Length     | Radius (Feet) | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) | Boom Length     | Radius (Feet)   | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) | Boom Length     | Radius (Feet) | Boom Angle (Degrees) | 360 Degree Rating (Pounds) | From Boom Pt. to Ground (Feet) |     |
|-----------------|---------------|----------------------|----------------------------|--------------------------------|-----------------|-----------------|----------------------|----------------------------|--------------------------------|-----------------|---------------|----------------------|----------------------------|--------------------------------|-----|
| 200'<br>(con't) | 160           | 39.5                 | 21,540                     | 135                            | 240'<br>(con't) | 130             | 58.9                 | 29,030                     | 213                            | 270'<br>(con't) | 200           | 44.0                 | 10,750                     | 195                            |     |
|                 | 170           | 34.7                 | 19,260                     | 122                            |                 | 140             | 56.1                 | 25,520                     | 207                            |                 | 210           | 40.8                 | 9,320                      | 184                            |     |
|                 | 180           | 29.2                 | 17,260                     | 105                            |                 | 150             | 53.1                 | 22,520                     | 200                            |                 | 220           | 37.5                 | 8,020                      | 172                            |     |
|                 | 190           | 22.6                 | 15,480                     | 84                             |                 | 160             | 50.0                 | 19,910                     | 192                            |                 | 230           | 33.8                 | 6,840                      | 158                            |     |
| 210'<br>(64.0M) | 36            | 81.8                 | 174,640 *                  | 216                            |                 | 170             | 46.8                 | 17,630                     | 183                            |                 | 240           | 29.7                 | 5,760                      | 141                            |     |
|                 | 40            | 80.7                 | 165,310                    | 215                            |                 | 180             | 43.5                 | 15,620                     | 173                            | 250             | 25.0          | 4,780                | 122                        |                                |     |
|                 | 50            | 78.0                 | 120,460                    | 213                            |                 | 190             | 39.8                 | 13,840                     | 161                            | 280'<br>(85.3M) | 46            | 81.8                 | 84,470 *                   | 285                            |     |
|                 | 60            | 75.2                 | 93,060                     | 211                            |                 | 200             | 35.9                 | 12,240                     | 148                            |                 | 50            | 81.0                 | 84,270 *                   | 284                            |     |
|                 | 70            | 72.3                 | 75,280                     | 208                            |                 | 210             | 31.6                 | 10,810                     | 133                            |                 | 60            | 78.9                 | 83,540 *                   | 282                            |     |
|                 | 80            | 69.4                 | 62,270                     | 204                            |                 | 220             | 26.6                 | 9,520                      | 115                            |                 | 70            | 76.8                 | 72,440                     | 280                            |     |
|                 | 90            | 66.5                 | 52,510                     | 200                            |                 | 230             | 20.6                 | 8,340                      | 92                             |                 | 80            | 74.7                 | 59,360                     | 278                            |     |
|                 | 100           | 63.4                 | 44,930                     | 195                            |                 | 250'<br>(76.2M) | 42                   | 81.8                       | 117,270 *                      |                 | 255           | 90                   | 72.6                       | 49,560                         | 275 |
|                 | 110           | 60.3                 | 39,290                     | 190                            |                 |                 | 50                   | 79.9                       | 117,270 *                      |                 | 254           | 100                  | 70.4                       | 41,930                         | 271 |
|                 | 120           | 57.1                 | 34,320                     | 184                            | 60              |                 | 77.6                 | 91,400                     | 252                            |                 | 110           | 68.2                 | 36,440                     | 268                            |     |
|                 | 130           | 53.8                 | 30,180                     | 177                            | 70              |                 | 75.2                 | 73,650                     | 249                            |                 | 120           | 66.0                 | 31,460                     | 263                            |     |
| 140             | 50.3          | 26,680               | 169                        | 80                             | 72.8            |                 | 60,600               | 247                        | 130                            |                 | 63.7          | 27,300               | 259                        |                                |     |
| 150             | 46.7          | 23,670               | 160                        | 90                             | 70.4            |                 | 50,810               | 243                        | 140                            |                 | 61.4          | 23,790               | 254                        |                                |     |
| 160             | 42.7          | 21,080               | 150                        | 100                            | 67.9            |                 | 43,210               | 239                        | 150                            | 59.1            | 20,770        | 248                  |                            |                                |     |
| 170             | 38.5          | 18,790               | 138                        | 110                            | 65.4            |                 | 37,660               | 235                        | 160                            | 56.6            | 18,160        | 242                  |                            |                                |     |
| 180             | 33.8          | 16,790               | 125                        | 120                            | 62.9            |                 | 32,680               | 230                        | 170                            | 54.1            | 15,880        | 235                  |                            |                                |     |
| 190             | 28.5          | 15,010               | 108                        | 130                            | 60.3            |                 | 28,530               | 225                        | 180                            | 51.6            | 13,870        | 227                  |                            |                                |     |
| 200             | 22.0          | 13,420               | 86                         | 140                            | 57.6            |                 | 25,020               | 219                        | 190                            | 48.9            | 12,080        | 219                  |                            |                                |     |
| 220'<br>(67.1M) | 37            | 82.0                 | 156,330 *                  | 225                            | 150             | 54.8            | 22,010               | 212                        | 200                            | 46.1            | 10,480        | 209                  |                            |                                |     |
|                 | 40            | 81.2                 | 156,330 *                  | 225                            | 160             | 52.0            | 19,400               | 205                        | 210                            | 43.2            | 9,040         | 199                  |                            |                                |     |
|                 | 50            | 78.5                 | 120,030                    | 223                            | 170             | 49.0            | 17,130               | 196                        | 220                            | 40.1            | 7,740         | 188                  |                            |                                |     |
|                 | 60            | 75.8                 | 92,590                     | 221                            | 180             | 45.8            | 15,110               | 187                        | 230                            | 36.7            | 6,560         | 175                  |                            |                                |     |
|                 | 70            | 73.1                 | 74,820                     | 218                            | 190             | 42.5            | 13,330               | 177                        | 240                            | 33.2            | 5,480         | 161                  |                            |                                |     |
|                 | 80            | 70.4                 | 61,800                     | 215                            | 200             | 39.0            | 11,730               | 165                        | 250                            | 29.2            | 4,500         | 144                  |                            |                                |     |
|                 | 90            | 67.6                 | 52,030                     | 211                            | 210             | 35.2            | 10,290               | 152                        | 290'<br>(88.4M)                | 47              | 81.9          | 76,270 *             | 295                        |                                |     |
|                 | 100           | 64.7                 | 44,440                     | 207                            | 220             | 30.9            | 9,000                | 136                        |                                | 50              | 81.3          | 75,930 *             | 294                        |                                |     |
|                 | 110           | 61.8                 | 38,830                     | 202                            | 230             | 26.1            | 7,820                | 117                        |                                | 60              | 79.3          | 75,260 *             | 293                        |                                |     |
|                 | 120           | 58.8                 | 33,850                     | 196                            | 240             | 20.1            | 6,760                | 94                         |                                | 70              | 77.3          | 71,990               | 291                        |                                |     |
|                 | 130           | 55.7                 | 29,710                     | 189                            | 260'<br>(79.2M) | 43              | 81.9                 | 107,130 *                  |                                | 265             | 80            | 75.3                 | 58,900                     | 288                            |     |
| 140             | 52.5          | 26,200               | 182                        | 50                             |                 | 80.3            | 107,130 *            | 264                        |                                | 90              | 73.2          | 49,090               | 285                        |                                |     |
| 150             | 49.1          | 23,200               | 174                        | 60                             |                 | 78.1            | 90,940               | 262                        |                                | 100             | 71.1          | 41,460               | 282                        |                                |     |
| 160             | 45.5          | 20,590               | 165                        | 70                             |                 | 75.8            | 73,210               | 260                        |                                | 110             | 69.0          | 35,990               | 278                        |                                |     |
| 170             | 41.7          | 18,320               | 154                        | 80                             |                 | 73.5            | 60,130               | 257                        |                                | 120             | 66.9          | 31,000               | 274                        |                                |     |
| 180             | 37.6          | 16,310               | 142                        | 90                             |                 | 71.2            | 50,340               | 254                        |                                | 130             | 64.7          | 26,840               | 270                        |                                |     |
| 190             | 33.0          | 14,520               | 128                        | 100                            |                 | 68.8            | 42,730               | 250                        |                                | 140             | 62.5          | 23,320               | 265                        |                                |     |
| 200             | 27.8          | 12,930               | 110                        | 110                            |                 | 66.4            | 37,190               | 246                        | 150                            | 60.2            | 20,300        | 259                  |                            |                                |     |
| 210             | 21.5          | 11,500               | 88                         | 120                            |                 | 64.0            | 32,210               | 241                        | 160                            | 57.9            | 17,690        | 253                  |                            |                                |     |
| 230'<br>(70.1M) | 39            | 81.8                 | 132,640 *                  | 235                            |                 | 130             | 61.5                 | 28,060                     | 236                            | 170             | 55.6          | 15,400               | 247                        |                                |     |
|                 | 40            | 81.6                 | 132,510 *                  | 235                            |                 | 140             | 59.0                 | 24,550                     | 230                            | 180             | 53.1          | 13,390               | 240                        |                                |     |
|                 | 50            | 79.0                 | 119,760                    | 233                            | 150             | 56.4            | 21,530               | 224                        | 190                            | 50.6            | 11,600        | 232                  |                            |                                |     |
|                 | 60            | 76.5                 | 92,320                     | 231                            | 160             | 53.7            | 18,920               | 217                        | 200                            | 48.0            | 10,000        | 223                  |                            |                                |     |
|                 | 70            | 73.9                 | 74,580                     | 229                            | 170             | 50.9            | 16,640               | 209                        | 210                            | 45.3            | 8,560         | 214                  |                            |                                |     |
|                 | 80            | 71.3                 | 61,550                     | 225                            | 180             | 48.0            | 14,630               | 201                        | 220                            | 42.4            | 7,250         | 203                  |                            |                                |     |
|                 | 90            | 68.6                 | 51,780                     | 222                            | 190             | 44.9            | 12,840               | 191                        | 230                            | 39.3            | 6,080         | 191                  |                            |                                |     |
|                 | 100           | 65.9                 | 44,190                     | 218                            | 200             | 41.7            | 11,250               | 180                        | 240                            | 36.1            | 5,000         | 178                  |                            |                                |     |
|                 | 110           | 63.1                 | 38,600                     | 213                            | 210             | 38.2            | 9,800                | 168                        | 300'<br>(91.4M)                | 49              | 81.8          | 74,730 *             | 305                        |                                |     |
|                 | 120           | 60.3                 | 33,630                     | 207                            | 220             | 34.5            | 8,510                | 155                        |                                | 50              | 81.6          | 74,730 *             | 304                        |                                |     |
|                 | 130           | 57.4                 | 29,490                     | 201                            | 230             | 30.3            | 7,330                | 139                        |                                | 60              | 79.7          | 73,910 *             | 303                        |                                |     |
| 140             | 54.4          | 25,980               | 195                        | 240                            | 25.5            | 6,260           | 120                  | 70                         |                                | 77.7            | 71,530        | 301                  |                            |                                |     |
| 150             | 51.2          | 22,980               | 187                        | 250                            | 19.7            | 5,290           | 95                   | 80                         |                                | 75.8            | 58,420        | 298                  |                            |                                |     |
| 160             | 47.9          | 20,380               | 178                        | 270'<br>(82.3M)                | 44              | 82.0            | 98,020 *             | 275                        |                                | 90              | 73.8          | 48,590               | 296                        |                                |     |
| 170             | 44.5          | 18,100               | 169                        |                                | 50              | 80.7            | 98,020 *             | 274                        |                                | 100             | 71.8          | 40,950               | 293                        |                                |     |
| 180             | 40.7          | 16,090               | 158                        |                                | 60              | 78.5            | 90,460               | 272                        |                                | 110             | 69.7          | 35,500               | 289                        |                                |     |
| 190             | 36.7          | 14,310               | 145                        |                                | 70              | 76.3            | 72,740               | 270                        |                                | 120             | 67.7          | 30,510               | 285                        |                                |     |
| 200             | 32.3          | 12,710               | 131                        |                                | 80              | 74.1            | 59,660               | 267                        |                                | 130             | 65.6          | 26,340               | 281                        |                                |     |
| 210             | 27.2          | 11,280               | 113                        |                                | 90              | 71.9            | 49,850               | 264                        |                                | 140             | 63.5          | 22,820               | 276                        |                                |     |
| 220             | 21.0          | 9,990                | 90                         |                                | 100             | 69.7            | 42,240               | 261                        | 150                            | 61.3            | 19,800        | 271                  |                            |                                |     |
| 240'<br>(73.2M) | 40            | 81.9                 | 119,340 *                  |                                | 245             | 110             | 67.4                 | 36,730                     | 257                            | 160             | 59.1          | 17,190               | 265                        |                                |     |
|                 | 50            | 79.5                 | 119,330                    |                                | 244             | 120             | 65.1                 | 31,740                     | 252                            | 170             | 56.9          | 14,890               | 259                        |                                |     |
|                 | 60            | 77.1                 | 91,870                     |                                | 242             | 130             | 62.7                 | 27,580                     | 248                            | 180             | 54.5          | 12,880               | 252                        |                                |     |
|                 | 70            | 74.6                 | 74,130                     |                                | 239             | 140             | 60.3                 | 24,060                     | 242                            | 190             | 52.2          | 11,090               | 245                        |                                |     |
|                 | 80            | 72.1                 | 61,090                     | 236                            | 150             | 57.8            | 21,050               | 236                        | 200                            | 49.7            | 9,490         | 236                  |                            |                                |     |
|                 | 90            | 69.6                 | 51,310                     | 233                            | 160             | 55.2            | 18,440               | 229                        | 210                            | 47.1            | 8,050         | 227                  |                            |                                |     |
|                 | 100           | 67.0                 | 43,720                     | 229                            | 170             | 52.6            | 16,160               | 222                        | 220                            | 44.4            | 6,740         | 218                  |                            |                                |     |
|                 | 110           | 64.3                 | 38,150                     | 224                            | 180             | 49.8            | 14,140               | 214                        | 230                            | 41.6            | 5,560         | 207                  |                            |                                |     |
| 120             | 61.7          | 33,180               | 219                        | 190                            | 47.0            | 12,350          | 205                  | 240                        | 38.7                           | 4,480           | 195           |                      |                            |                                |     |



## LIFT RATINGS IN POUNDS

With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 40' (12.2M) JIB & 100' (30.5M) BOOM | 28                | 82.0           | 32,000*          |                 |                  |                 |                  |
|                                     | 30                | 81.2           | 32,000*          |                 |                  |                 |                  |
|                                     | 35                | 79.1           | 32,000*          | 81.8            | 32,000*          |                 |                  |
|                                     | 40                | 77.0           | 32,000*          | 79.7            | 32,000*          |                 |                  |
|                                     | 50                | 72.8           | 32,000*          | 75.5            | 32,000*          | 78.0            | 30,670*          |
|                                     | 60                | 68.5           | 32,000*          | 71.2            | 32,000*          | 73.6            | 27,430*          |
|                                     | 70                | 64.0           | 32,000*          | 66.7            | 32,000*          | 69.1            | 24,910*          |
|                                     | 80                | 59.4           | 32,000*          | 62.0            | 29,470*          | 64.3            | 22,820*          |
| 90                                  | 54.5              | 31,700*        | 57.0             | 26,670*         | 59.3             | 21,190*         |                  |
| 100                                 | 49.3              | 28,890*        | 51.8             | 24,440*         | 53.9             | 19,820*         |                  |
| 40' (12.2M) JIB & 110' (33.5M) BOOM | 30                | 81.8           | 32,000*          |                 |                  |                 |                  |
|                                     | 35                | 79.8           | 32,000*          |                 |                  |                 |                  |
|                                     | 40                | 77.9           | 32,000*          | 80.4            | 32,000*          |                 |                  |
|                                     | 50                | 74.0           | 32,000*          | 76.5            | 32,000*          | 78.9            | 31,340*          |
|                                     | 60                | 70.0           | 32,000*          | 72.5            | 32,000*          | 74.8            | 28,110*          |
|                                     | 70                | 65.9           | 32,000*          | 68.3            | 32,000*          | 70.6            | 25,970*          |
|                                     | 80                | 61.6           | 32,000*          | 64.1            | 30,800*          | 66.2            | 23,580*          |
|                                     | 90                | 57.2           | 32,000*          | 59.6            | 27,890*          | 61.7            | 21,870*          |
| 100                                 | 52.5              | 30,320*        | 54.8             | 25,620*         | 56.9             | 20,550*         |                  |
| 110                                 | 47.5              | 27,820*        | 49.8             | 23,760*         | 51.7             | 19,370*         |                  |
| 40' (12.2M) JIB & 120' (36.6M) BOOM | 31                | 81.9           | 32,000*          |                 |                  |                 |                  |
|                                     | 35                | 80.5           | 32,000*          |                 |                  |                 |                  |
|                                     | 40                | 78.7           | 32,000*          | 81.0            | 32,000*          |                 |                  |
|                                     | 50                | 75.0           | 32,000*          | 77.4            | 32,000*          | 79.6            | 31,870*          |
|                                     | 60                | 71.3           | 32,000*          | 73.6            | 32,000*          | 75.8            | 28,830*          |
|                                     | 70                | 67.5           | 32,000*          | 69.8            | 32,000*          | 71.9            | 26,330*          |
|                                     | 80                | 63.6           | 32,000*          | 65.8            | 32,000*          | 67.9            | 24,280*          |
|                                     | 90                | 59.5           | 32,000*          | 61.7            | 29,170*          | 63.7            | 22,510*          |
| 100                                 | 55.2              | 32,000*        | 57.4             | 26,840*         | 59.4             | 21,180*         |                  |
| 110                                 | 50.7              | 29,310*        | 52.9             | 24,830*         | 54.7             | 19,940*         |                  |
| 120                                 | 45.9              | 27,090*        | 48.0             | 23,210*         | 49.7             | 18,970*         |                  |
| 40' (12.2M) JIB & 130' (39.6M) BOOM | 33                | 81.7           | 32,000*          |                 |                  |                 |                  |
|                                     | 35                | 81.0           | 32,000*          |                 |                  |                 |                  |
|                                     | 40                | 79.3           | 32,000*          | 81.6            | 32,000*          |                 |                  |
|                                     | 50                | 75.9           | 32,000*          | 78.1            | 32,000*          | 80.2            | 32,000*          |
|                                     | 60                | 72.4           | 32,000*          | 74.6            | 32,000*          | 76.7            | 29,380*          |
|                                     | 70                | 68.9           | 32,000*          | 71.0            | 32,000*          | 73.1            | 26,940*          |
|                                     | 80                | 65.2           | 32,000*          | 67.4            | 32,000*          | 69.3            | 24,910*          |
|                                     | 90                | 61.4           | 32,000*          | 63.6            | 30,420*          | 65.5            | 23,180*          |
| 100                                 | 57.5              | 32,000*        | 59.6             | 27,890*         | 61.5             | 21,730*         |                  |
| 110                                 | 53.4              | 30,920*        | 55.5             | 25,900*         | 57.3             | 20,510*         |                  |
| 120                                 | 49.1              | 28,400*        | 51.1             | 24,090*         | 52.8             | 19,550*         |                  |
| 130                                 | 44.4              | 26,400*        | 46.4             | 22,670*         | 48.0             | 18,690*         |                  |
| 40' (12.2M) JIB & 140' (42.7M) BOOM | 34                | 81.8           | 32,000*          |                 |                  |                 |                  |
|                                     | 35                | 81.5           | 32,000*          |                 |                  |                 |                  |
|                                     | 40                | 79.9           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 76.7           | 32,000*          | 78.8            | 32,000*          | 80.8            | 32,000*          |
|                                     | 60                | 73.4           | 32,000*          | 75.5            | 32,000*          | 77.5            | 29,930*          |
|                                     | 70                | 70.1           | 32,000*          | 72.2            | 32,000*          | 74.1            | 27,510*          |
|                                     | 80                | 66.7           | 32,000*          | 68.7            | 32,000*          | 70.6            | 25,480*          |
|                                     | 90                | 63.2           | 32,000*          | 65.2            | 31,530*          | 67.0            | 23,770*          |
| 100                                 | 59.5              | 32,000*        | 61.5             | 28,920*         | 63.3             | 22,360*         |                  |
| 110                                 | 55.8              | 32,000*        | 57.7             | 26,840*         | 59.4             | 21,100*         |                  |
| 120                                 | 51.8              | 29,900*        | 53.7             | 25,050*         | 55.4             | 20,060*         |                  |
| 130                                 | 47.6              | 27,730*        | 49.5             | 23,540*         | 51.1             | 19,140*         |                  |
| 140                                 | 43.1              | 25,860*        | 44.9             | 22,270*         | 46.4             | 18,380*         |                  |
| 40' (12.2M) JIB & 150' (45.7M) BOOM | 35                | 82.0           | 32,000*          |                 |                  |                 |                  |
|                                     | 40                | 80.5           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 77.4           | 32,000*          | 79.4            | 32,000*          | 81.3            | 32,000*          |
|                                     | 60                | 74.3           | 32,000*          | 76.3            | 32,000*          | 78.1            | 30,460*          |
|                                     | 70                | 71.2           | 32,000*          | 73.1            | 32,000*          | 74.9            | 28,070*          |
|                                     | 80                | 68.0           | 32,000*          | 69.9            | 32,000*          | 71.7            | 26,030*          |
|                                     | 90                | 64.7           | 32,000*          | 66.6            | 32,000*          | 68.3            | 24,300*          |
|                                     | 100               | 61.3           | 32,000*          | 63.2            | 30,030*          | 64.9            | 22,810*          |
| 110                                 | 57.8              | 32,000*        | 59.7             | 27,810*         | 61.3             | 21,610*         |                  |
| 120                                 | 54.1              | 31,290*        | 56.0             | 25,990*         | 57.6             | 20,530*         |                  |
| 130                                 | 50.3              | 29,020*        | 52.1             | 24,460*         | 53.7             | 19,620*         |                  |
| 140                                 | 46.2              | 27,050*        | 48.0             | 23,100*         | 49.5             | 18,880*         |                  |
| 150                                 | 41.9              | 25,430*        | 43.6             | 21,930*         | 44.9             | 18,220*         |                  |

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 40' (12.2M) JIB & 160' (48.8M) BOOM | 37                | 81.8           | 32,000*          |                 |                  |                 |                  |
|                                     | 40                | 80.9           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 78.0           | 32,000*          | 79.9            | 32,000*          | 81.7            | 32,000*          |
|                                     | 60                | 75.1           | 32,000*          | 77.0            | 32,000*          | 78.8            | 31,030*          |
|                                     | 70                | 72.1           | 32,000*          | 74.0            | 32,000*          | 75.7            | 28,620*          |
|                                     | 80                | 69.1           | 32,000*          | 71.0            | 32,000*          | 72.7            | 26,540*          |
|                                     | 90                | 66.0           | 32,000*          | 67.9            | 32,000*          | 69.5            | 24,790*          |
|                                     | 100               | 62.9           | 32,000*          | 64.7            | 31,040*          | 66.3            | 23,340*          |
| 110                                 | 59.6              | 32,000*        | 61.4             | 28,840*         | 63.0             | 22,150*         |                  |
| 120                                 | 56.2              | 32,000*        | 58.0             | 26,860*         | 59.5             | 21,030*         |                  |
| 130                                 | 52.7              | 30,320*        | 54.4             | 25,290*         | 55.9             | 20,090*         |                  |
| 140                                 | 48.9              | 28,300*        | 50.7             | 23,910*         | 52.1             | 19,270*         |                  |
| 150                                 | 45.0              | 26,570*        | 46.7             | 22,660*         | 48.0             | 18,610*         |                  |
| 160                                 | 40.8              | 24,230         | 42.4             | 21,660*         | 43.6             | 18,040*         |                  |
| 40' (12.2M) JIB & 170' (51.8M) BOOM | 38                | 81.9           | 32,000*          |                 |                  |                 |                  |
|                                     | 40                | 81.4           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 78.6           | 32,000*          | 80.4            | 32,000*          |                 |                  |
|                                     | 60                | 75.8           | 32,000*          | 77.6            | 32,000*          | 79.3            | 31,380*          |
|                                     | 70                | 73.0           | 32,000*          | 74.8            | 32,000*          | 76.5            | 29,030*          |
|                                     | 80                | 70.1           | 32,000*          | 71.9            | 32,000*          | 73.5            | 27,030*          |
|                                     | 90                | 67.2           | 32,000*          | 69.0            | 32,000*          | 70.6            | 25,360*          |
|                                     | 100               | 64.2           | 32,000*          | 66.0            | 32,000*          | 67.5            | 23,860*          |
| 110                                 | 61.2              | 32,000*        | 62.9             | 29,730*         | 64.4             | 22,550*         |                  |
| 120                                 | 58.0              | 32,000*        | 59.7             | 27,740*         | 61.2             | 21,480*         |                  |
| 130                                 | 54.7              | 31,490*        | 56.4             | 26,130*         | 57.8             | 20,560*         |                  |
| 140                                 | 51.3              | 29,170         | 52.9             | 24,700*         | 54.3             | 19,710*         |                  |
| 150                                 | 47.7              | 26,220         | 49.3             | 23,420*         | 50.6             | 18,960*         |                  |
| 160                                 | 43.9              | 23,670         | 45.4             | 22,350*         | 46.7             | 18,370*         |                  |
| 170                                 | 39.7              | 21,450         | 41.3             | 21,370*         | 42.4             | 17,880*         |                  |
| 40' (12.2M) JIB & 180' (54.9M) BOOM | 40                | 81.8           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 79.1           | 32,000*          | 80.9            | 32,000*          |                 |                  |
|                                     | 60                | 76.5           | 32,000*          | 78.2            | 32,000*          | 79.8            | 31,900*          |
|                                     | 70                | 73.8           | 32,000*          | 75.5            | 32,000*          | 77.1            | 29,550*          |
|                                     | 80                | 71.1           | 32,000*          | 72.8            | 32,000*          | 74.3            | 27,460*          |
|                                     | 90                | 68.3           | 32,000*          | 70.0            | 32,000*          | 71.5            | 25,840*          |
|                                     | 100               | 65.5           | 32,000*          | 67.2            | 32,000*          | 68.6            | 24,340*          |
|                                     | 110               | 62.6           | 32,000*          | 64.2            | 30,600*          | 65.7            | 23,050*          |
| 120                                 | 59.6              | 32,000*        | 61.2             | 28,630*         | 62.7             | 21,920*         |                  |
| 130                                 | 56.5              | 32,000*        | 58.2             | 26,970*         | 59.5             | 20,990*         |                  |
| 140                                 | 53.4              | 28,890         | 54.9             | 25,380*         | 56.3             | 20,060*         |                  |
| 150                                 | 50.0              | 25,940         | 51.6             | 24,080*         | 52.9             | 19,330*         |                  |
| 160                                 | 46.5              | 23,390         | 48.1             | 22,950*         | 49.3             | 18,690*         |                  |
| 170                                 | 42.8              | 21,160         | 44.3             | 21,170          | 45.4             | 18,120*         |                  |
| 180                                 | 38.8              | 19,210         | 40.2             | 19,220          | 41.3             | 17,720*         |                  |
| 40' (12.2M) JIB & 190' (57.9M) BOOM | 41                | 81.9           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 79.6           | 32,000*          | 81.3            | 32,000*          |                 |                  |
|                                     | 60                | 77.1           | 32,000*          | 78.7            | 32,000*          | 80.3            | 32,000*          |
|                                     | 70                | 74.5           | 32,000*          | 76.2            | 32,000*          | 77.7            | 29,920*          |
|                                     | 80                | 71.9           | 32,000*          | 73.6            | 32,000*          | 75.0            | 27,900*          |
|                                     | 90                | 69.3           | 32,000*          | 70.9            | 32,000*          | 72.4            | 26,270*          |
|                                     | 100               | 66.6           | 32,000*          | 68.2            | 32,000*          | 69.7            | 24,770*          |
|                                     | 110               | 63.9           | 32,000*          | 65.5            | 31,500*          | 66.9            | 23,470*          |
| 120                                 | 61.1              | 32,000*        | 62.6             | 29,410*         | 64.0             | 22,360*         |                  |
| 130                                 | 58.2              | 31,810         | 59.7             | 27,680*         | 61.1             | 21,370*         |                  |
| 140                                 | 55.2              | 28,350         | 56.7             | 26,220*         | 58.0             | 20,480*         |                  |
| 150                                 | 52.1              | 25,400         | 53.6             | 24,840*         | 54.9             | 19,720*         |                  |
| 160                                 | 48.9              | 22,850         | 50.3             | 22,860          | 51.5             | 19,050*         |                  |
| 170                                 | 45.4              | 20,620         | 46.9             | 20,630          | 48.0             | 18,490*         |                  |
| 180                                 | 41.8              | 18,660         | 43.2             | 18,670          | 44.3             | 18,020*         |                  |
| 190                                 | 37.9              | 16,930         | 39.2             | 16,940          | 40.2             | 16,960          |                  |
| 40' (12.2M) JIB & 200' (61.0M) BOOM | 42                | 82.0           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 80.0           | 32,000*          | 81.6            | 32,000*          |                 |                  |
|                                     | 60                | 77.6           | 32,000*          | 79.2            | 32,000*          | 80.7            | 32,000*          |
|                                     | 70                | 75.2           | 32,000*          | 76.8            | 32,000*          | 78.2            | 30,350*          |
|                                     | 80                | 72.7           | 32,000*          | 74.3            | 32,000*          | 75.7            | 28,360*          |
|                                     | 90                | 70.2           | 32,000*          | 71.7            | 32,000*          | 73.2            | 26,650*          |
|                                     | 100               | 67.6           | 32,000*          | 69.2            | 32,000*          | 70.6            | 25,160*          |
|                                     | 110               | 65.0           | 32,000*          | 66.6            | 32,000*          | 67.9            | 23,930*          |
| 120                                 | 62.4              | 32,000*        | 63.9             | 30,230*         | 65.2             | 22,730*         |                  |
| 130                                 | 59.7              | 31,240         | 61.1             | 28,480*         | 62.4             | 21,770*         |                  |
| 140                                 | 56.8              | 27,790         | 58.3             | 26,890*         | 59.6             | 20,910*         |                  |
| 150                                 | 53.9              | 24,820         | 55.4             | 24,830          | 56.6             | 20,090*         |                  |
| 160                                 | 50.9              | 22,270         | 52.3             | 22,270          | 53.5             | 19,380*         |                  |
| 170                                 | 47.8              | 20,040         | 49.2             | 20,050          | 50.3             | 18,800*         |                  |



### LIFT RATINGS IN POUNDS (continued)

With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 200' (con't)                        | 180               | 44.4           | 18,080           | 45.8            | 18,080           | 46.9            | 18,100           |
|                                     | 190               | 40.9           | 16,340           | 42.2            | 16,340           | 43.2            | 16,360           |
|                                     | 200               | 37.0           | 14,800           | 38.3            | 14,810           | 39.3            | 14,820           |
| 40' (12.2M) JIB & 210' (64.0M) BOOM | 44                | 81.8           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 80.4           | 32,000*          | 82.0            | 32,000*          |                 |                  |
|                                     | 60                | 78.1           | 32,000*          | 79.6            | 32,000*          | 81.1            | 32,000*          |
|                                     | 70                | 75.8           | 32,000*          | 77.3            | 32,000*          | 78.7            | 30,690*          |
|                                     | 80                | 73.4           | 32,000*          | 74.9            | 32,000*          | 76.3            | 28,780*          |
|                                     | 90                | 71.0           | 32,000*          | 72.5            | 32,000*          | 73.9            | 27,090*          |
|                                     | 100               | 68.6           | 32,000*          | 70.1            | 32,000*          | 71.4            | 25,630*          |
|                                     | 110               | 66.1           | 32,000*          | 67.6            | 32,000*          | 68.9            | 24,270*          |
|                                     | 120               | 63.6           | 32,000*          | 65.0            | 31,010*          | 66.3            | 23,180*          |
|                                     | 130               | 61.0           | 30,700           | 62.4            | 29,260*          | 63.7            | 22,170*          |
|                                     | 140               | 58.3           | 27,240           | 59.8            | 27,250           | 61.0            | 21,300*          |
|                                     | 150               | 55.6           | 24,280           | 57.0            | 24,290           | 58.2            | 20,500*          |
|                                     | 160               | 52.8           | 21,720           | 54.1            | 21,720           | 55.3            | 19,740*          |
|                                     | 170               | 49.8           | 19,490           | 51.2            | 19,490           | 52.3            | 19,130*          |
| 180                                 | 46.7              | 17,520         | 48.1             | 17,530          | 49.1             | 17,540          |                  |
| 190                                 | 43.5              | 15,790         | 44.8             | 15,790          | 45.8             | 15,810          |                  |
| 200                                 | 40.0              | 14,240         | 41.3             | 14,250          | 42.2             | 14,260          |                  |
| 210                                 | 36.2              | 12,850         | 37.5             | 12,860          | 38.3             | 12,880          |                  |
| 40' (12.2M) JIB & 220' (67.1M) BOOM | 45                | 81.9           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 80.8           | 32,000*          |                 |                  |                 |                  |
|                                     | 60                | 78.6           | 32,000*          | 80.1            | 32,000*          | 81.4            | 32,000*          |
|                                     | 70                | 76.3           | 32,000*          | 77.8            | 32,000*          | 79.1            | 31,000*          |
|                                     | 80                | 74.1           | 32,000*          | 75.5            | 32,000*          | 76.8            | 29,160*          |
|                                     | 90                | 71.8           | 32,000*          | 73.2            | 32,000*          | 74.5            | 27,440*          |
|                                     | 100               | 69.4           | 32,000*          | 70.9            | 32,000*          | 72.2            | 26,050*          |
|                                     | 110               | 67.1           | 32,000*          | 68.5            | 32,000*          | 69.8            | 24,670*          |
|                                     | 120               | 64.7           | 32,000*          | 66.1            | 31,910*          | 67.3            | 23,520*          |
|                                     | 130               | 62.2           | 30,160           | 63.6            | 29,980*          | 64.8            | 22,510*          |
|                                     | 140               | 59.7           | 26,700           | 61.1            | 26,700           | 62.3            | 21,630*          |
|                                     | 150               | 57.1           | 23,740           | 58.4            | 23,740           | 59.6            | 20,770*          |
|                                     | 160               | 54.4           | 21,170           | 55.8            | 21,170           | 56.9            | 20,070*          |
|                                     | 170               | 51.7           | 18,930           | 53.0            | 18,940           | 54.1            | 18,950           |
| 180                                 | 48.8              | 16,960         | 50.1             | 16,970          | 51.1             | 16,980          |                  |
| 190                                 | 45.8              | 15,230         | 47.0             | 15,240          | 48.1             | 15,250          |                  |
| 200                                 | 42.6              | 13,670         | 43.8             | 13,680          | 44.8             | 13,690          |                  |
| 210                                 | 39.2              | 12,280         | 40.4             | 12,290          | 41.3             | 12,310          |                  |
| 220                                 | 35.5              | 11,040         | 36.7             | 11,050          | 37.5             | 11,060          |                  |
| 40' (12.2M) JIB & 230' (70.1M) BOOM | 47                | 81.8           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 81.2           | 32,000*          |                 |                  |                 |                  |
|                                     | 60                | 79.0           | 32,000*          | 80.4            | 32,000*          | 81.7            | 32,000*          |
|                                     | 70                | 76.9           | 32,000*          | 78.3            | 32,000*          | 79.6            | 31,380*          |
|                                     | 80                | 74.7           | 32,000*          | 76.1            | 32,000*          | 77.4            | 29,500*          |
|                                     | 90                | 72.5           | 32,000*          | 73.9            | 32,000*          | 75.1            | 27,790*          |
|                                     | 100               | 70.2           | 32,000*          | 71.6            | 32,000*          | 72.9            | 26,310*          |
|                                     | 110               | 68.0           | 32,000*          | 69.3            | 32,000*          | 70.6            | 25,090*          |
|                                     | 120               | 65.7           | 32,000*          | 67.0            | 32,000*          | 68.2            | 23,870*          |
|                                     | 130               | 63.3           | 29,830           | 64.7            | 29,830           | 65.8            | 22,850*          |
|                                     | 140               | 60.9           | 26,360           | 62.2            | 26,370           | 63.4            | 21,960*          |
|                                     | 150               | 58.5           | 23,400           | 59.8            | 23,410           | 60.9            | 21,130*          |
|                                     | 160               | 55.9           | 20,840           | 57.2            | 20,850           | 58.3            | 20,400*          |
|                                     | 170               | 53.3           | 18,610           | 54.6            | 18,610           | 55.7            | 18,620           |
| 180                                 | 50.6              | 16,630         | 51.9             | 16,640          | 52.9             | 16,650          |                  |
| 190                                 | 47.8              | 14,890         | 49.1             | 14,900          | 50.1             | 14,910          |                  |
| 200                                 | 44.9              | 13,340         | 46.1             | 13,350          | 47.0             | 13,360          |                  |
| 210                                 | 41.7              | 11,950         | 42.9             | 11,960          | 43.8             | 11,970          |                  |
| 220                                 | 38.4              | 10,700         | 39.6             | 10,710          | 40.4             | 10,720          |                  |
| 230                                 | 34.8              | 9,570          | 35.9             | 9,580           | 36.7             | 9,600           |                  |
| 40' (12.2M) JIB & 240' (73.2M) BOOM | 48                | 81.9           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 81.5           | 32,000*          |                 |                  |                 |                  |
|                                     | 60                | 79.4           | 32,000*          | 80.8            | 32,000*          |                 |                  |
|                                     | 70                | 77.3           | 32,000*          | 78.7            | 32,000*          | 79.9            | 31,640*          |
|                                     | 80                | 75.2           | 32,000*          | 76.6            | 32,000*          | 77.8            | 29,840*          |
|                                     | 90                | 73.1           | 32,000*          | 74.4            | 32,000*          | 75.7            | 28,170*          |
|                                     | 100               | 71.0           | 32,000*          | 72.3            | 32,000*          | 73.5            | 26,690*          |
|                                     | 110               | 68.8           | 32,000*          | 70.1            | 32,000*          | 71.3            | 25,370*          |
|                                     | 120               | 66.6           | 32,000*          | 67.9            | 32,000*          | 69.1            | 24,250*          |
|                                     | 130               | 64.3           | 29,300           | 65.6            | 29,310           | 66.8            | 23,200*          |
|                                     | 140               | 62.0           | 25,840           | 63.3            | 25,840           | 64.5            | 22,320*          |
|                                     | 150               | 59.7           | 22,870           | 61.0            | 22,880           | 62.1            | 21,460*          |
|                                     | 160               | 57.3           | 20,300           | 58.6            | 20,310           | 59.6            | 20,320           |
|                                     | 170               | 54.8           | 18,070           | 56.1            | 18,070           | 57.1            | 18,080           |



**LIFT RATINGS IN POUNDS (continued)**

**With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib**

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 40' (12.2M) JIB & 280' (85.3M) BOOM | 54                | 81.8           | 32,000*          |                 |                  |                 |                  |
|                                     | 60                | 80.7           | 32,000*          | 81.9            | 32,000*          |                 |                  |
|                                     | 70                | 78.9           | 32,000*          | 80.1            | 32,000*          | 81.2            | 32,000*          |
|                                     | 80                | 77.1           | 32,000*          | 78.3            | 32,000*          | 79.4            | 30,960*          |
|                                     | 90                | 75.3           | 32,000*          | 76.4            | 32,000*          | 77.5            | 29,370*          |
|                                     | 100               | 73.4           | 32,000*          | 74.6            | 32,000*          | 75.7            | 27,940*          |
|                                     | 110               | 71.5           | 32,000*          | 72.7            | 32,000*          | 73.8            | 26,660*          |
|                                     | 120               | 69.6           | 31,430           | 70.8            | 31,430           | 71.8            | 25,520*          |
|                                     | 130               | 67.7           | 27,320           | 68.9            | 27,320           | 69.9            | 24,480*          |
|                                     | 140               | 65.8           | 23,850           | 66.9            | 23,850           | 67.9            | 23,600*          |
|                                     | 150               | 63.8           | 20,870           | 64.9            | 20,880           | 65.9            | 20,890           |
|                                     | 160               | 61.8           | 18,310           | 62.9            | 18,310           | 63.9            | 18,320           |
|                                     | 170               | 59.7           | 16,050           | 60.9            | 16,060           | 61.8            | 16,070           |
|                                     | 180               | 57.6           | 14,080           | 58.7            | 14,090           | 59.7            | 14,100           |
|                                     | 190               | 55.5           | 12,320           | 56.6            | 12,330           | 57.5            | 12,340           |
|                                     | 200               | 53.3           | 10,760           | 54.4            | 10,760           | 55.3            | 10,780           |
|                                     | 210               | 51.0           | 9,360            | 52.1            | 9,360            | 53.0            | 9,370            |
|                                     | 220               | 48.7           | 8,100            | 49.7            | 8,100            | 50.6            | 8,120            |
|                                     | 230               | 46.2           | 6,950            | 47.3            | 6,960            | 48.1            | 6,970            |
|                                     | 240               | 43.7           | 5,920            | 44.7            | 5,920            | 45.5            | 5,940            |
| 250                                 | 41.0              | 4,970          | 42.0             | 4,980           | 42.7             | 4,990           |                  |
| 260                                 | 38.2              | 4,110          | 39.2             | 4,120           | 39.8             | 4,130           |                  |
| 270                                 | 35.1              | 3,320          | 36.1             | 3,330           | 36.7             | 3,350           |                  |
| 40' (12.2M) JIB & 290' (88.4M) BOOM | 55                | 81.9           | 32,000*          |                 |                  |                 |                  |
|                                     | 60                | 81.0           | 32,000*          |                 |                  |                 |                  |
|                                     | 70                | 79.3           | 32,000*          | 80.4            | 32,000*          | 81.5            | 32,000*          |
|                                     | 80                | 77.5           | 32,000*          | 78.6            | 32,000*          | 79.7            | 31,320*          |
|                                     | 90                | 75.7           | 32,000*          | 76.9            | 32,000*          | 77.9            | 29,730*          |
|                                     | 100               | 73.9           | 32,000*          | 75.1            | 32,000*          | 76.1            | 28,280*          |
|                                     | 110               | 72.1           | 32,000*          | 73.2            | 32,000*          | 74.3            | 26,990*          |
|                                     | 120               | 70.3           | 30,910           | 71.4            | 30,910           | 72.4            | 25,780*          |
|                                     | 130               | 68.4           | 26,800           | 69.6            | 26,800           | 70.6            | 24,810*          |
|                                     | 140               | 66.6           | 23,330           | 67.7            | 23,330           | 68.7            | 23,340           |
|                                     | 150               | 64.7           | 20,350           | 65.8            | 20,350           | 66.7            | 20,370           |
|                                     | 160               | 62.7           | 17,770           | 63.8            | 17,780           | 64.8            | 17,790           |
|                                     | 170               | 60.7           | 15,530           | 61.8            | 15,530           | 62.8            | 15,550           |
|                                     | 180               | 58.7           | 13,550           | 59.8            | 13,550           | 60.7            | 13,560           |
|                                     | 190               | 56.7           | 11,800           | 57.7            | 11,800           | 58.7            | 11,810           |
|                                     | 200               | 54.6           | 10,230           | 55.6            | 10,240           | 56.5            | 10,250           |
|                                     | 210               | 52.4           | 8,820            | 53.5            | 8,830            | 54.3            | 8,840            |
|                                     | 220               | 50.2           | 7,550            | 51.2            | 7,560            | 52.1            | 7,570            |
|                                     | 230               | 47.9           | 6,400            | 48.9            | 6,410            | 49.7            | 6,430            |
|                                     | 240               | 45.5           | 5,370            | 46.5            | 5,380            | 47.3            | 5,390            |
| 250                                 | 43.0              | 4,420          | 44.0             | 4,430           | 44.7             | 4,440           |                  |
| 260                                 | 40.3              | 3,550          | 41.3             | 3,560           | 42.0             | 3,580           |                  |
| 40' (12.2M) JIB & 300' (91.4M) BOOM | 56                | 82.0           | 32,000*          |                 |                  |                 |                  |
|                                     | 60                | 81.3           | 32,000*          |                 |                  |                 |                  |
|                                     | 70                | 79.6           | 32,000*          | 80.7            | 32,000*          | 81.8            | 32,000*          |
|                                     | 80                | 77.9           | 32,000*          | 79.0            | 32,000*          | 80.0            | 31,530*          |
|                                     | 90                | 76.1           | 32,000*          | 77.3            | 32,000*          | 78.3            | 29,940*          |
|                                     | 100               | 74.4           | 32,000*          | 75.5            | 32,000*          | 76.5            | 28,470*          |
|                                     | 110               | 72.7           | 32,000*          | 73.8            | 32,000*          | 74.8            | 27,250*          |
|                                     | 120               | 70.9           | 30,370           | 72.0            | 30,370           | 73.0            | 26,170*          |
|                                     | 130               | 69.1           | 26,260           | 70.2            | 26,260           | 71.2            | 25,030*          |
|                                     | 140               | 67.3           | 22,780           | 68.4            | 22,780           | 69.3            | 22,790           |
|                                     | 150               | 65.4           | 19,800           | 66.5            | 19,800           | 67.5            | 19,810           |
|                                     | 160               | 63.6           | 17,230           | 64.6            | 17,240           | 65.6            | 17,250           |
|                                     | 170               | 61.7           | 14,970           | 62.7            | 14,980           | 63.7            | 14,990           |
|                                     | 180               | 59.8           | 12,990           | 60.8            | 13,000           | 61.7            | 13,010           |
|                                     | 190               | 57.8           | 11,230           | 58.8            | 11,240           | 59.7            | 11,250           |
|                                     | 200               | 55.8           | 9,660            | 56.8            | 9,670            | 57.7            | 9,680            |
|                                     | 210               | 53.7           | 8,260            | 54.7            | 8,260            | 55.6            | 8,270            |
|                                     | 220               | 51.6           | 6,990            | 52.6            | 7,000            | 53.4            | 7,010            |
|                                     | 230               | 49.4           | 5,840            | 50.4            | 5,850            | 51.2            | 5,860            |
|                                     | 240               | 47.1           | 4,790            | 48.1            | 4,800            | 48.9            | 4,820            |
| 250                                 | 44.8              | 3,850          | 45.7             | 3,860           | 46.5             | 3,870           |                  |
| 50' (15.2M) JIB & 130' (39.6M) BOOM | 35                | 81.8           | 32,000*          |                 |                  |                 |                  |
|                                     | 40                | 80.2           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 77.0           | 31,320*          | 79.6            | 28,880*          |                 |                  |
|                                     | 60                | 73.7           | 30,180*          | 76.3            | 27,950*          | 78.8            | 25,020*          |
|                                     | 70                | 70.4           | 29,140*          | 73.0            | 27,200*          | 75.4            | 22,960*          |
|                                     | 80                | 66.9           | 28,190*          | 69.5            | 26,560*          | 71.9            | 21,180*          |
|                                     | 90                | 63.4           | 27,440*          | 66.0            | 25,820*          | 68.3            | 19,660*          |
|                                     | 100               | 59.8           | 26,620*          | 62.3            | 23,700*          | 64.6            | 18,410*          |

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 130' (con't)                        | 110               | 56.0           | 26,010*          | 58.5            | 21,930*          | 60.7            | 17,400*          |
|                                     | 120               | 52.1           | 24,520*          | 54.5            | 20,470*          | 56.6            | 16,470*          |
|                                     | 130               | 47.9           | 22,710*          | 50.3            | 19,200*          | 52.3            | 15,710*          |
|                                     |                   |                |                  |                 |                  |                 |                  |
| 50' (15.2M) JIB & 140' (42.7M) BOOM | 36                | 81.9           | 32,000*          |                 |                  |                 |                  |
|                                     | 40                | 80.7           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 77.7           | 31,450*          | 80.2            | 28,930*          |                 |                  |
|                                     | 60                | 74.6           | 30,350*          | 77.1            | 28,110*          | 79.4            | 25,490*          |
|                                     | 70                | 71.4           | 29,470*          | 73.9            | 27,330*          | 76.2            | 23,390*          |
|                                     | 80                | 68.2           | 28,510*          | 70.7            | 26,690*          | 72.9            | 21,640*          |
|                                     | 90                | 64.9           | 27,640*          | 67.4            | 26,040*          | 69.6            | 20,140*          |
|                                     | 100               | 61.6           | 26,990*          | 63.9            | 24,490*          | 66.1            | 18,890*          |
|                                     | 110               | 58.1           | 26,240*          | 60.4            | 22,680*          | 62.5            | 17,780*          |
|                                     | 120               | 54.4           | 25,650*          | 56.7            | 21,180*          | 58.8            | 16,890*          |
| 130                                 | 50.6              | 23,830*        | 52.9             | 19,910*         | 54.8             | 16,120*         |                  |
| 140                                 | 46.5              | 22,230*        | 48.8             | 18,780*         | 50.6             | 15,450*         |                  |
| 50' (15.2M) JIB & 150' (45.7M) BOOM | 38                | 81.8           | 32,000*          |                 |                  |                 |                  |
|                                     | 40                | 81.2           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 78.3           | 31,720*          | 80.7            | 29,000*          | 80.0            | 25,820*          |
|                                     | 60                | 75.4           | 30,630*          | 77.7            | 28,270*          | 76.9            | 23,800*          |
|                                     | 70                | 72.4           | 29,660*          | 74.7            | 27,530*          | 73.8            | 22,000*          |
|                                     | 80                | 69.4           | 28,820*          | 71.7            | 26,870*          | 70.7            | 20,510*          |
|                                     | 90                | 66.3           | 27,930*          | 68.6            | 26,290*          | 67.4            | 19,300*          |
|                                     | 100               | 63.1           | 27,250*          | 65.4            | 25,310*          | 64.1            | 18,240*          |
|                                     | 110               | 59.8           | 26,600*          | 62.1            | 23,480*          | 60.6            | 17,300*          |
|                                     | 120               | 56.4           | 26,010*          | 58.7            | 21,900*          | 57.0            | 16,510*          |
| 130                                 | 52.9              | 24,810*        | 55.1             | 20,570*         | 53.2             | 15,760*         |                  |
| 140                                 | 49.2              | 23,190*        | 51.4             | 19,400*         | 49.1             | 15,230*         |                  |
| 150                                 | 45.2              | 21,780*        | 47.4             | 18,400*         |                  |                 |                  |
| 50' (15.2M) JIB & 160' (48.8M) BOOM | 39                | 81.9           | 32,000*          |                 |                  |                 |                  |
|                                     | 40                | 81.6           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 78.9           | 31,880*          | 81.1            | 29,090*          |                 |                  |
|                                     | 60                | 76.1           | 30,800*          | 78.3            | 28,270*          | 80.5            | 26,160*          |
|                                     | 70                | 73.2           | 29,820*          | 75.5            | 27,610*          | 77.6            | 24,160*          |
|                                     | 80                | 70.4           | 29,050*          | 72.6            | 26,970*          | 74.7            | 22,430*          |
|                                     | 90                | 67.5           | 28,160*          | 69.7            | 26,430*          | 71.7            | 20,930*          |
|                                     | 100               | 64.5           | 27,500*          | 66.7            | 25,900*          | 68.6            | 19,710*          |
|                                     | 110               | 61.4           | 26,840*          | 63.6            | 24,200*          | 65.5            | 18,580*          |
|                                     | 120               | 58.2           | 26,190*          | 60.4            | 22,630*          | 62.3            | 17,670*          |
| 130                                 | 55.0              | 25,700*        | 57.1             | 21,260*         | 58.9             | 16,840*         |                  |
| 140                                 | 51.5              | 24,160*        | 53.6             | 20,050*         | 55.4             | 16,140*         |                  |
| 150                                 | 47.9              | 22,670*        | 50.0             | 18,980*         | 51.7             | 15,490*         |                  |
| 160                                 | 44.1              | 21,300*        | 46.1             | 18,100*         | 47.7             | 14,990*         |                  |
| 50' (15.2M) JIB & 170' (51.8M) BOOM | 40                | 82.0           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 79.4           | 31,920*          | 81.5            | 29,150*          |                 |                  |
|                                     | 60                | 76.7           | 30,970*          | 78.9            | 28,390*          | 80.9            | 26,390*          |
|                                     | 70                | 74.0           | 30,100*          | 76.2            | 27,700*          | 78.2            | 24,420*          |
|                                     | 80                | 71.3           | 29,230*          | 73.4            | 27,060*          | 75.4            | 22,790*          |
|                                     | 90                | 68.5           | 28,430*          | 70.6            | 26,480*          | 72.6            | 21,300*          |
|                                     | 100               | 65.7           | 27,710*          | 67.8            | 26,010*          | 69.7            | 20,030*          |
|                                     | 110               | 62.8           | 27,110*          | 64.9            | 24,930*          | 66.7            | 18,960*          |
|                                     | 120               | 59.8           | 26,440*          | 61.9            | 23,300*          | 63.7            | 17,990*          |
|                                     | 130               | 56.8           | 25,920*          | 58.8            | 21,900*          | 60.6            | 17,200*          |
| 140                                 | 53.6              | 25,160*        | 55.6             | 20,710*         | 57.3             | 16,490*         |                  |
| 150                                 | 50.2              | 23,590*        | 52.2             | 19,620*         | 53.9             | 15,850*         |                  |
| 160                                 | 46.7              | 22,190*        | 48.7             | 18,650*         | 50.3             | 15,270*         |                  |
| 170                                 | 43.0              | 21,000*        | 44.9             | 17,830*         | 46.4             | 14,800*         |                  |
| 50' (15.2M) JIB & 180' (54.9M) BOOM | 42                | 81.8           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 79.8           | 32,000*          | 81.9            | 29,100*          |                 |                  |
|                                     | 60                | 77.3           | 31,060*          | 79.4            | 28,450*          | 81.3            | 26,390*          |
|                                     | 70                | 74.7           | 30,240*          | 76.8            | 27,760*          | 78.7            | 24,750*          |
|                                     | 80                | 72.1           | 29,390*          | 74.2            | 27,130*          | 76.1            | 23,150*          |
|                                     | 90                | 69.5           | 28,580*          | 71.5            | 26,660*          | 73.4            | 21,650*          |
|                                     | 100               | 66.8           | 27,930*          | 68.8            | 26,120*          | 70.7            | 20,390*          |
|                                     | 110               | 64.1           | 27,270*          | 66.1            | 25,670*          | 67.9            | 19,300*          |
|                                     | 120               | 61.3           | 26,700*          | 63.3            | 23,980*          | 65.0            | 18,380*          |
|                                     | 130               | 58.4           | 26,150*          | 60.3            | 22,510*          | 62.1            | 17,550*          |
| 140                                 | 55.4              | 25,600*        | 57.3             | 21,300*         | 59.0             | 16,800*         |                  |
| 150                                 | 52.3              | 24,420*        | 54.2             | 20,190*         | 55.8             | 16,150*         |                  |
| 160                                 | 49.1              | 22,980*        | 50.9             | 19,200*         | 52.5             | 15,580*         |                  |
| 170                                 | 45.6              | 21,480         | 47.5             | 18,350*         | 49.0             | 15,080*         |                  |
| 180                                 | 42.0              | 19,530         | 43.8             | 17,610*         | 45.2             | 14,660*         |                  |



**LIFT RATINGS IN POUNDS (continued)**

**With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib**

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 50' (15.2M) JIB & 190' (57.9M) BOOM | 43                | 81.9           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 80.3           | 32,000*          |                 |                  |                 |                  |
|                                     | 60                | 77.8           | 31,130*          | 79.8            | 28,510*          | 81.7            | 26,360*          |
|                                     | 70                | 75.4           | 30,280*          | 77.4            | 27,860*          | 79.2            | 25,130*          |
|                                     | 80                | 72.9           | 29,550*          | 74.9            | 27,230*          | 76.7            | 23,410*          |
|                                     | 90                | 70.4           | 28,840*          | 72.3            | 26,730*          | 74.1            | 21,980*          |
|                                     | 100               | 67.8           | 28,150*          | 69.8            | 26,210*          | 71.5            | 20,720*          |
|                                     | 110               | 65.2           | 27,510*          | 67.2            | 25,790*          | 68.9            | 19,640*          |
|                                     | 120               | 62.6           | 26,880*          | 64.5            | 24,580*          | 66.2            | 18,720*          |
|                                     | 130               | 59.9           | 26,300*          | 61.7            | 23,160*          | 63.4            | 17,830*          |
|                                     | 140               | 57.0           | 25,890*          | 58.9            | 21,860*          | 60.5            | 17,100*          |
|                                     | 150               | 54.1           | 25,320*          | 56.0            | 20,710*          | 57.5            | 16,410*          |
|                                     | 160               | 51.1           | 23,170           | 52.9            | 19,750*          | 54.4            | 15,870*          |
|                                     | 170               | 48.0           | 20,940           | 49.7            | 18,860*          | 51.2            | 15,330*          |
| 180                                 | 44.6              | 18,990         | 46.4             | 18,070*         | 47.8             | 14,890*         |                  |
| 190                                 | 41.1              | 17,250         | 42.8             | 17,260          | 44.1             | 14,540*         |                  |
| 50' (15.2M) JIB & 200' (61.0M) BOOM | 45                | 81.8           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 80.6           | 32,000*          |                 |                  |                 |                  |
|                                     | 60                | 78.3           | 31,310*          | 80.2            | 28,520*          |                 |                  |
|                                     | 70                | 76.0           | 30,430*          | 77.9            | 27,950*          | 79.6            | 25,400*          |
|                                     | 80                | 73.6           | 29,640*          | 75.5            | 27,320*          | 77.2            | 23,740*          |
|                                     | 90                | 71.2           | 28,940*          | 73.1            | 26,770*          | 74.8            | 22,270*          |
|                                     | 100               | 68.8           | 28,280*          | 70.6            | 26,380*          | 72.3            | 21,100*          |
|                                     | 110               | 66.3           | 27,700*          | 68.1            | 25,870*          | 69.8            | 20,010*          |
|                                     | 120               | 63.8           | 27,040*          | 65.6            | 25,240*          | 67.2            | 19,010*          |
|                                     | 130               | 61.2           | 26,570*          | 63.0            | 23,730*          | 64.6            | 18,130*          |
|                                     | 140               | 58.5           | 26,100*          | 60.3            | 22,430*          | 61.9            | 17,410*          |
|                                     | 150               | 55.8           | 25,150           | 57.6            | 21,240*          | 59.1            | 16,730*          |
|                                     | 160               | 53.0           | 22,600           | 54.7            | 20,290*          | 56.2            | 16,160*          |
|                                     | 170               | 50.0           | 20,360           | 51.7            | 19,380*          | 53.2            | 15,600*          |
| 180                                 | 46.9              | 18,400         | 48.6             | 18,410          | 50.0             | 15,150*         |                  |
| 190                                 | 43.7              | 16,660         | 45.3             | 16,670          | 46.6             | 14,760*         |                  |
| 200                                 | 40.2              | 15,110         | 41.8             | 15,120          | 43.0             | 14,400*         |                  |
| 50' (15.2M) JIB & 210' (64.0M) BOOM | 46                | 81.9           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 81.0           | 32,000*          |                 |                  |                 |                  |
|                                     | 60                | 78.8           | 31,360*          | 80.6            | 28,540*          |                 |                  |
|                                     | 70                | 76.5           | 30,590*          | 78.4            | 27,920*          | 80.1            | 25,680*          |
|                                     | 80                | 74.3           | 29,860*          | 76.1            | 27,450*          | 77.8            | 24,000*          |
|                                     | 90                | 72.0           | 29,110*          | 73.8            | 26,880*          | 75.4            | 22,570*          |
|                                     | 100               | 69.6           | 28,410*          | 71.4            | 26,440*          | 73.1            | 21,320*          |
|                                     | 110               | 67.3           | 27,840*          | 69.0            | 25,970*          | 70.6            | 20,270*          |
|                                     | 120               | 64.9           | 27,250*          | 66.6            | 25,580*          | 68.2            | 19,290*          |
|                                     | 130               | 62.4           | 26,690*          | 64.1            | 24,290*          | 65.7            | 18,480*          |
|                                     | 140               | 59.9           | 26,230*          | 61.6            | 22,980*          | 63.1            | 17,690*          |
|                                     | 150               | 57.3           | 24,610           | 59.0            | 21,790*          | 60.5            | 17,030*          |
|                                     | 160               | 54.6           | 22,050           | 56.3            | 20,780*          | 57.7            | 16,420*          |
|                                     | 170               | 51.8           | 19,810           | 53.5            | 19,820           | 54.9            | 15,840*          |
| 180                                 | 49.0              | 17,840         | 50.6             | 17,850          | 52.0             | 15,360*         |                  |
| 190                                 | 45.9              | 16,100         | 47.6             | 16,110          | 48.9             | 14,940*         |                  |
| 200                                 | 42.8              | 14,550         | 44.3             | 14,560          | 45.6             | 14,570          |                  |
| 210                                 | 39.4              | 13,160         | 40.9             | 13,170          | 42.1             | 13,190          |                  |
| 50' (15.2M) JIB & 220' (67.1M) BOOM | 47                | 82.0           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 81.3           | 32,000*          |                 |                  |                 |                  |
|                                     | 60                | 79.2           | 31,420*          | 81.0            | 28,520*          |                 |                  |
|                                     | 70                | 77.0           | 30,750*          | 78.8            | 27,970*          | 80.4            | 25,850*          |
|                                     | 80                | 74.9           | 29,950*          | 76.6            | 27,480*          | 78.2            | 24,260*          |
|                                     | 90                | 72.6           | 29,210*          | 74.4            | 26,920*          | 76.0            | 22,850*          |
|                                     | 100               | 70.4           | 28,660*          | 72.1            | 26,510*          | 73.7            | 21,650*          |
|                                     | 110               | 68.1           | 27,990*          | 69.9            | 26,050*          | 71.4            | 20,520*          |
|                                     | 120               | 65.8           | 27,450*          | 67.5            | 25,630*          | 69.1            | 19,620*          |
|                                     | 130               | 63.5           | 26,900*          | 65.2            | 24,860*          | 66.7            | 18,700*          |
|                                     | 140               | 61.1           | 26,370*          | 62.8            | 23,560*          | 64.2            | 17,920*          |
|                                     | 150               | 58.6           | 24,060           | 60.3            | 22,370*          | 61.7            | 17,300*          |
|                                     | 160               | 56.1           | 21,490           | 57.7            | 21,240*          | 59.2            | 16,690*          |
|                                     | 170               | 53.5           | 19,260           | 55.1            | 19,260           | 56.5            | 16,080*          |
| 180                                 | 50.8              | 17,280         | 52.4             | 17,290          | 53.7             | 15,620*         |                  |
| 190                                 | 48.0              | 15,540         | 49.6             | 15,550          | 50.8             | 15,160*         |                  |
| 200                                 | 45.0              | 13,990         | 46.6             | 14,000          | 47.8             | 14,020          |                  |
| 210                                 | 41.9              | 12,600         | 43.4             | 12,610          | 44.6             | 12,630          |                  |
| 220                                 | 38.6              | 11,350         | 40.1             | 11,360          | 41.2             | 11,380          |                  |

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 50' (15.2M) JIB & 230' (70.1M) BOOM | 49                | 81.9           | 32,000*          |                 |                  |                 |                  |
|                                     | 50                | 81.7           | 32,000*          |                 |                  |                 |                  |
|                                     | 60                | 79.6           | 31,420*          | 81.3            | 28,460*          |                 |                  |
|                                     | 70                | 77.5           | 30,750*          | 79.2            | 28,040*          | 80.8            | 25,860*          |
|                                     | 80                | 75.4           | 30,010*          | 77.1            | 27,490*          | 78.7            | 24,490*          |
|                                     | 90                | 73.3           | 29,290*          | 75.0            | 27,050*          | 76.5            | 23,100*          |
|                                     | 100               | 71.1           | 28,680*          | 72.8            | 26,550*          | 74.3            | 21,880*          |
|                                     | 110               | 69.0           | 28,150*          | 70.6            | 26,140*          | 72.1            | 20,850*          |
|                                     | 120               | 66.8           | 27,530*          | 68.4            | 25,750*          | 69.9            | 19,840*          |
|                                     | 130               | 64.5           | 27,030*          | 66.1            | 25,340*          | 67.6            | 19,000*          |
|                                     | 140               | 62.2           | 26,560*          | 63.8            | 24,060*          | 65.3            | 18,260*          |
|                                     | 150               | 59.9           | 23,720*          | 61.5            | 22,870*          | 62.9            | 17,510*          |
|                                     | 160               | 57.5           | 21,150           | 59.1            | 21,160           | 60.4            | 16,940*          |
|                                     | 170               | 55.0           | 18,920           | 56.6            | 18,920           | 57.9            | 16,320*          |
| 180                                 | 52.5              | 16,950         | 54.0             | 16,960          | 55.3             | 15,820*         |                  |
| 190                                 | 49.8              | 15,200         | 51.3             | 15,210          | 52.6             | 15,220          |                  |
| 200                                 | 47.1              | 13,640         | 48.6             | 13,650          | 49.8             | 13,670          |                  |
| 210                                 | 44.2              | 12,250         | 45.7             | 12,260          | 46.8             | 12,280          |                  |
| 220                                 | 41.1              | 11,000         | 42.6             | 11,010          | 43.7             | 11,030          |                  |
| 230                                 | 37.9              | 9,870          | 39.3             | 9,880           | 40.3             | 9,900           |                  |
| 50' (15.2M) JIB & 240' (73.2M) BOOM | 50                | 81.9           | 32,000*          |                 |                  |                 |                  |
|                                     | 60                | 79.9           | 31,500*          | 81.6            | 28,480*          |                 |                  |
|                                     | 70                | 77.9           | 30,750*          | 79.6            | 28,030*          | 81.1            | 25,920*          |
|                                     | 80                | 75.9           | 30,090*          | 77.5            | 27,510*          | 79.1            | 24,770*          |
|                                     | 90                | 73.9           | 29,380*          | 75.5            | 27,080*          | 77.0            | 23,350*          |
|                                     | 100               | 71.8           | 28,790*          | 73.4            | 26,580*          | 74.9            | 22,200*          |
|                                     | 110               | 69.7           | 28,270*          | 71.3            | 26,200*          | 72.8            | 21,130*          |
|                                     | 120               | 67.6           | 27,660*          | 69.2            | 25,820*          | 70.6            | 20,100*          |
|                                     | 130               | 65.4           | 27,230*          | 67.0            | 25,410*          | 68.4            | 19,260*          |
|                                     | 140               | 63.3           | 26,160           | 64.8            | 24,580*          | 66.2            | 18,470*          |
|                                     | 150               | 61.0           | 23,190           | 62.6            | 23,200           | 63.9            | 17,790*          |
|                                     | 160               | 58.7           | 20,620           | 60.3            | 20,630           | 61.6            | 17,170*          |
|                                     | 170               | 56.4           | 18,380           | 57.9            | 18,390           | 59.2            | 16,560*          |
|                                     | 180               | 54.0           | 16,410           | 55.5            | 16,420           | 56.8            | 16,050*          |
| 190                                 | 51.5              | 14,660         | 53.0             | 14,670          | 54.2             | 14,680          |                  |
| 200                                 | 48.9              | 13,110         | 50.4             | 13,120          | 51.6             | 13,130          |                  |
| 210                                 | 46.2              | 11,710         | 47.6             | 11,720          | 48.8             | 11,740          |                  |
| 220                                 | 43.4              | 10,450         | 44.8             | 10,460          | 45.9             | 10,480          |                  |
| 230                                 | 40.4              | 9,320          | 41.8             | 9,330           | 42.8             | 9,340           |                  |
| 240                                 | 37.2              | 8,300          | 38.5             | 8,310           | 39.5             | 8,330           |                  |
| 50' (15.2M) JIB & 250' (76.2M) BOOM | 52                | 81.8           | 32,000*          |                 |                  |                 |                  |
|                                     | 60                | 80.3           | 31,550*          | 81.9            | 28,510*          |                 |                  |
|                                     | 70                | 78.3           | 30,930*          | 79.9            | 28,010*          | 81.4            | 25,860*          |
|                                     | 80                | 76.4           | 30,140*          | 78.0            | 27,530*          | 79.4            | 25,010*          |
|                                     | 90                | 74.4           | 29,570*          | 76.0            | 27,090*          | 77.5            | 23,660*          |
|                                     | 100               | 72.4           | 28,990*          | 74.0            | 26,720*          | 75.4            | 22,400*          |
|                                     | 110               | 70.4           | 28,370*          | 72.0            | 26,230*          | 73.4            | 21,340*          |
|                                     | 120               | 68.4           | 27,810*          | 69.9            | 25,860*          | 71.3            | 20,400*          |
|                                     | 130               | 66.3           | 27,330*          | 67.8            | 25,560*          | 69.2            | 19,510*          |
|                                     | 140               | 64.2           | 25,990*          | 65.7            | 25,070*          | 67.1            | 18,700*          |
|                                     | 150               | 62.1           | 22,630           | 63.6            | 22,630           | 64.9            | 18,050*          |
|                                     | 160               | 59.9           | 20,060           | 61.4            | 20,070           | 62.7            | 17,400*          |
|                                     | 170               | 57.6           | 17,810           | 59.1            | 17,820           | 60.4            | 16,790*          |
|                                     | 180               | 55.3           | 15,850           | 56.8            | 15,850           | 58.1            | 15,870           |
| 190                                 | 53.0              | 14,090         | 54.4             | 14,100          | 55.7             | 14,110          |                  |
| 200                                 | 50.5              | 12,530         | 52.0             | 12,540          | 53.2             | 12,550          |                  |
| 210                                 | 48.0              | 11,130         | 49.4             | 11,140          | 50.6             | 11,150          |                  |
| 220                                 | 45.4              | 9,880          | 46.7             | 9,880           | 47.8             | 9,900           |                  |
| 230                                 | 42.6              | 8,740          | 43.9             | 8,740           | 45.0             | 8,760           |                  |
| 240                                 | 39.6              | 7,700          | 41.0             | 7,710           | 42.0             | 7,730           |                  |
| 250                                 | 36.5              | 6,770          | 37.8             | 6,780           | 38.7             | 6,800           |                  |
| 50' (15.2M) JIB & 260' (79.2M) BOOM | 53                | 81.9           | 32,000*          |                 |                  |                 |                  |
|                                     | 60                | 80.6           | 31,550*          |                 |                  |                 |                  |
|                                     | 70                | 78.7           | 30,900*          | 80.3            | 27,990*          | 81.7            | 25,870*          |
|                                     | 80                | 76.8           | 30,200*          | 78.4            | 27,560*          | 79.8            | 25,250*          |
|                                     | 90                | 74.9           | 29,650*          | 76.5            | 27,100*          | 77.9            | 23,870*          |
|                                     | 100               | 73.0           | 28,990*          | 74.5            | 26,750*          | 75.9            | 22,670*          |
|                                     | 110               | 71.1           | 28,450*          | 72.6            | 26,260*          | 74.0            | 21,570*          |
|                                     | 120               | 69.1           | 27,890*          | 70.6            | 25,880*          | 72.0            | 20,630*          |
|                                     | 130               | 67.1           | 27,430*          | 68.6            | 25,520*          | 69.9            | 19,800*          |
|                                     | 140               | 65.1           | 25,060           | 66.6            | 25,070           | 67.9            | 18,990*          |
|                                     | 150               | 63.0           | 22,090           | 64.5            | 22,100           | 65.8            | 18,250*          |
|                                     | 160               | 61.0           | 19,520           | 62.4            | 19,530           | 63.7            | 17,610*          |
|                                     | 170               | 58.8           | 17,280           | 60.3            | 17,280           | 61.5            | 17,080*          |

**LIFT RATINGS IN POUNDS (continued)**

With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 260' (con't)                        | 180               | 56.6           | 15,300           | 58.0            | 15,310           | 59.3            | 15,320           |
|                                     | 190               | 54.4           | 13,550           | 55.8            | 13,560           | 57.0            | 13,570           |
|                                     | 200               | 52.0           | 11,990           | 53.4            | 12,000           | 54.6            | 12,010           |
|                                     | 210               | 49.7           | 10,590           | 51.0            | 10,590           | 52.2            | 10,610           |
|                                     | 220               | 47.2           | 9,320            | 48.5            | 9,330            | 49.6            | 9,340            |
|                                     | 230               | 44.6           | 8,180            | 45.9            | 8,180            | 47.0            | 8,200            |
|                                     | 240               | 41.8           | 7,150            | 43.2            | 7,160            | 44.2            | 7,170            |
| 50' (15.2M) JIB & 270' (82.3M) BOOM | 250               | 39.0           | 6,200            | 40.3            | 6,210            | 41.2            | 6,230            |
|                                     | 260               | 35.9           | 5,350            | 37.1            | 5,360            | 38.0            | 5,380            |
|                                     | 54                | 82.0           | 31,970*          |                 |                  |                 |                  |
|                                     | 60                | 80.9           | 31,620*          |                 |                  |                 |                  |
|                                     | 70                | 79.1           | 30,990*          | 80.6            | 27,980*          | 82.0            | 25,820*          |
|                                     | 80                | 77.3           | 30,250*          | 78.7            | 27,580*          | 80.1            | 25,450*          |
|                                     | 90                | 75.4           | 29,720*          | 76.9            | 27,100*          | 78.3            | 24,060*          |
|                                     | 100               | 73.6           | 29,040*          | 75.0            | 26,760*          | 76.4            | 22,860*          |
|                                     | 110               | 71.7           | 28,490*          | 73.2            | 26,290*          | 74.5            | 21,850*          |
|                                     | 120               | 69.8           | 28,060*          | 71.2            | 25,990*          | 72.6            | 20,820*          |
| 50' (15.2M) JIB & 280' (85.3M) BOOM | 130               | 67.9           | 27,560*          | 69.3            | 25,640*          | 70.6            | 20,010*          |
|                                     | 140               | 65.9           | 24,530           | 67.4            | 24,540           | 68.6            | 19,230*          |
|                                     | 150               | 64.0           | 21,550           | 65.4            | 21,560           | 66.6            | 18,490*          |
|                                     | 160               | 61.9           | 18,980           | 63.4            | 18,980           | 64.6            | 17,830*          |
|                                     | 170               | 59.9           | 16,730           | 61.3            | 16,740           | 62.5            | 16,750           |
|                                     | 180               | 57.8           | 14,750           | 59.2            | 14,760           | 60.4            | 14,770           |
|                                     | 190               | 55.6           | 12,990           | 57.0            | 13,000           | 58.2            | 13,020           |
|                                     | 200               | 53.4           | 11,440           | 54.8            | 11,450           | 55.9            | 11,460           |
|                                     | 210               | 51.2           | 10,030           | 52.5            | 10,030           | 53.6            | 10,050           |
|                                     | 220               | 48.8           | 8,770            | 50.1            | 8,770            | 51.2            | 8,790            |
| 50' (15.2M) JIB & 290' (88.4M) BOOM | 230               | 46.4           | 7,620            | 47.7            | 7,630            | 48.7            | 7,640            |
|                                     | 240               | 43.8           | 6,590            | 45.1            | 6,600            | 46.1            | 6,610            |
|                                     | 250               | 41.2           | 5,640            | 42.4            | 5,650            | 43.4            | 5,670            |
|                                     | 260               | 38.3           | 4,780            | 39.6            | 4,790            | 40.4            | 4,810            |
|                                     | 270               | 35.3           | 3,990            | 36.5            | 4,000            | 37.3            | 4,020            |
|                                     | 56                | 81.9           | 31,660*          |                 |                  |                 |                  |
|                                     | 60                | 81.2           | 31,490*          |                 |                  |                 |                  |
|                                     | 70                | 79.4           | 30,900*          | 80.9            | 27,920*          |                 |                  |
|                                     | 80                | 77.7           | 30,240*          | 79.1            | 27,470*          | 80.4            | 25,370*          |
|                                     | 90                | 75.9           | 29,630*          | 77.3            | 27,080*          | 78.6            | 24,320*          |
| 50' (15.2M) JIB & 290' (88.4M) BOOM | 100               | 74.1           | 29,080*          | 75.5            | 26,650*          | 76.8            | 23,150*          |
|                                     | 110               | 72.3           | 28,540*          | 73.7            | 26,300*          | 75.0            | 22,050*          |
|                                     | 120               | 70.4           | 28,010*          | 71.8            | 25,890*          | 73.1            | 21,120*          |
|                                     | 130               | 68.6           | 27,510*          | 70.0            | 25,550*          | 71.3            | 20,180*          |
|                                     | 140               | 66.7           | 24,160           | 68.1            | 24,160           | 69.3            | 19,470*          |
|                                     | 150               | 64.8           | 21,180           | 66.2            | 21,190           | 67.4            | 18,750*          |
|                                     | 160               | 62.9           | 18,610           | 64.2            | 18,620           | 65.5            | 18,070*          |
|                                     | 170               | 60.9           | 16,360           | 62.3            | 16,370           | 63.4            | 16,380           |
|                                     | 180               | 58.9           | 14,390           | 60.2            | 14,390           | 61.4            | 14,410           |
|                                     | 190               | 56.8           | 12,630           | 58.2            | 12,630           | 59.3            | 12,650           |
| 50' (15.2M) JIB & 290' (88.4M) BOOM | 200               | 54.7           | 11,060           | 56.0            | 11,070           | 57.2            | 11,080           |
|                                     | 210               | 52.6           | 9,660            | 53.9            | 9,660            | 55.0            | 9,680            |
|                                     | 220               | 50.3           | 8,390            | 51.6            | 8,400            | 52.7            | 8,420            |
|                                     | 230               | 48.0           | 7,240            | 49.3            | 7,250            | 50.3            | 7,270            |
|                                     | 240               | 45.6           | 6,210            | 46.9            | 6,220            | 47.9            | 6,240            |
|                                     | 250               | 43.1           | 5,260            | 44.4            | 5,270            | 45.3            | 5,290            |
|                                     | 260               | 40.5           | 4,400            | 41.7            | 4,410            | 42.6            | 4,430            |
|                                     | 270               | 37.7           | 3,610            | 38.9            | 3,620            | 39.7            | 3,640            |
|                                     | 57                | 81.9           | 31,620*          |                 |                  |                 |                  |
|                                     | 60                | 81.4           | 31,390*          |                 |                  |                 |                  |
| 50' (15.2M) JIB & 290' (88.4M) BOOM | 70                | 79.7           | 30,860*          | 81.1            | 27,830*          | 80.7            | 25,250*          |
|                                     | 80                | 78.0           | 30,160*          | 79.4            | 27,420*          | 79.0            | 24,510*          |
|                                     | 90                | 76.3           | 29,590*          | 77.7            | 27,070*          | 77.2            | 23,320*          |
|                                     | 100               | 74.6           | 29,120*          | 75.9            | 26,650*          | 75.4            | 22,250*          |
|                                     | 110               | 72.8           | 28,570*          | 74.2            | 26,280*          | 73.7            | 21,260*          |
|                                     | 120               | 71.0           | 28,030*          | 72.4            | 25,980*          | 71.8            | 20,470*          |
|                                     | 130               | 69.2           | 27,110           | 70.6            | 25,530*          | 70.0            | 19,640*          |
|                                     | 140               | 67.4           | 23,640           | 68.8            | 23,640           | 68.1            | 18,920*          |
|                                     | 150               | 65.6           | 20,660           | 66.9            | 20,660           | 66.2            | 18,100           |
|                                     | 160               | 63.7           | 18,080           | 65.1            | 18,090           | 64.3            | 15,860           |
| 50' (15.2M) JIB & 290' (88.4M) BOOM | 170               | 61.8           | 15,840           | 63.2            | 15,840           | 62.4            | 13,870           |
|                                     | 180               | 59.9           | 13,850           | 61.2            | 13,860           | 60.4            | 12,120           |
|                                     | 190               | 57.9           | 12,100           | 59.2            | 12,110           | 58.3            | 10,550           |
|                                     | 200               | 55.9           | 10,530           | 57.2            | 10,540           | 56.2            | 9,150            |
|                                     | 210               | 53.8           | 9,130            | 55.1            | 9,130            | 54.0            | 7,860            |
|                                     | 220               | 51.7           | 7,850            | 53.0            | 7,860            | 51.8            | 6,740            |
|                                     | 230               | 49.5           | 6,710            | 50.8            | 6,720            |                 |                  |

| Boom and Jib Length                 | Jib Radius (Feet)                   | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                                     | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 290' (con't)                        | 240                                 | 47.3           | 5,660            | 48.5            | 5,670            | 49.5            | 5,690            |
|                                     | 250                                 | 44.9           | 4,720            | 46.1            | 4,730            | 47.1            | 4,750            |
|                                     | 260                                 | 42.4           | 3,850            | 43.6            | 3,860            | 44.6            | 3,880            |
|                                     | 270                                 | 39.9           | 3,060            | 41.0            | 3,070            | 41.9            | 3,090            |
|                                     | 50' (15.2M) JIB & 300' (91.4M) BOOM | 59             | 81.8             | 31,440*         |                  |                 |                  |
| 60                                  | 81.7                                | 31,440*        |                  |                 |                  |                 |                  |
| 70                                  | 80.0                                | 30,790*        | 81.4             | 27,880*         |                  |                 |                  |
| 80                                  | 78.4                                | 30,320*        | 79.7             | 27,430*         | 81.0             | 25,220*         |                  |
| 90                                  | 76.7                                | 29,690*        | 78.0             | 27,070*         | 79.3             | 24,680*         |                  |
| 100                                 | 75.0                                | 29,120*        | 76.4             | 26,730*         | 77.6             | 23,480*         |                  |
| 110                                 | 73.3                                | 28,710*        | 74.6             | 26,340*         | 75.9             | 22,480*         |                  |
| 120                                 | 71.6                                | 28,190*        | 72.9             | 25,910*         | 74.1             | 21,500*         |                  |
| 130                                 | 69.9                                | 26,570         | 71.2             | 25,590*         | 72.4             | 20,620*         |                  |
| 140                                 | 68.1                                | 23,090         | 69.4             | 23,090          | 70.6             | 19,860*         |                  |
| 150                                 | 66.3                                | 20,110         | 67.6             | 20,110          | 68.8             | 19,180*         |                  |
| 160                                 | 64.5                                | 17,530         | 65.8             | 17,530          | 67.0             | 17,550          |                  |
| 170                                 | 62.7                                | 15,280         | 64.0             | 15,290          | 65.1             | 15,300          |                  |
| 180                                 | 60.8                                | 13,300         | 62.1             | 13,300          | 63.2             | 13,320          |                  |
| 190                                 | 58.9                                | 11,540         | 60.2             | 11,540          | 61.3             | 11,560          |                  |
| 200                                 | 57.0                                | 9,970          | 58.3             | 9,970           | 59.4             | 9,990           |                  |
| 210                                 | 55.0                                | 8,560          | 56.3             | 8,570           | 57.3             | 8,580           |                  |
| 220                                 | 53.0                                | 7,290          | 54.2             | 7,300           | 55.3             | 7,320           |                  |
| 230                                 | 50.9                                | 6,140          | 52.1             | 6,150           | 53.2             | 6,160           |                  |
| 240                                 | 48.8                                | 5,100          | 50.0             | 5,110           | 51.0             | 5,130           |                  |
| 250                                 | 46.5                                | 4,140          | 47.7             | 4,150           | 48.7             | 4,170           |                  |
| 260                                 | 44.2                                | 3,270          | 45.4             | 3,280           | 46.3             | 3,300           |                  |
| 60' (18.3M) JIB & 150' (45.7M) BOOM | 40                                  | 81.8           | 30,030*          |                 |                  |                 |                  |
|                                     | 50                                  | 79.1           | 28,950*          | 81.8            | 26,180*          |                 |                  |
|                                     | 60                                  | 76.3           | 27,870*          | 79.0            | 25,360*          | 81.6            | 22,670*          |
|                                     | 70                                  | 73.5           | 26,880*          | 76.2            | 24,650*          | 78.7            | 20,790*          |
|                                     | 80                                  | 70.6           | 25,950*          | 73.3            | 24,000*          | 75.8            | 19,280*          |
| 90                                  | 67.7                                | 25,120*        | 70.4             | 23,320*         | 72.8             | 17,970*         |                  |
| 100                                 | 64.7                                | 24,360*        | 67.3             | 22,130*         | 69.8             | 16,830*         |                  |
| 110                                 | 61.6                                | 23,680*        | 64.2             | 20,490*         | 66.6             | 15,840*         |                  |
| 120                                 | 58.5                                | 23,060*        | 61.1             | 19,080*         | 63.4             | 15,030*         |                  |
| 130                                 | 55.2                                | 21,770*        | 57.7             | 17,920*         | 60.0             | 14,290*         |                  |
| 140                                 | 51.8                                | 20,300*        | 54.3             | 16,860*         | 56.4             | 13,670*         |                  |
| 150                                 | 48.1                                | 19,030*        | 50.6             | 15,990*         | 52.7             | 13,120*         |                  |
| 60' (18.3M) JIB & 160' (48.8M) BOOM | 41                                  | 82.0           | 30,100*          |                 |                  |                 |                  |
|                                     | 50                                  | 79.6           | 29,040*          |                 |                  |                 |                  |
|                                     | 60                                  | 76.9           | 27,960*          | 79.5            | 25,480*          | 82.0            | 22,840*          |
|                                     | 70                                  | 74.3           | 27,100*          | 76.8            | 24,710*          | 79.3            | 21,050*          |
|                                     | 80                                  | 71.5           | 26,150*          | 74.1            | 24,050*          | 76.5            | 19,550*          |
|                                     | 90                                  | 68.8           | 25,410*          | 71.3            | 23,490*          | 73.7            | 18,280*          |
|                                     | 100                                 | 65.9           | 24,630*          | 68.5            | 22,760*          | 70.8            | 17,160*          |
|                                     | 110                                 | 63.0           | 23,910*          | 65.5            | 21,040*          | 67.8            | 16,160*          |
|                                     | 120                                 | 60.1           | 23,340*          | 62.5            | 19,690*          | 64.8            | 15,350*          |
|                                     | 130                                 | 57.0           | 22,620*          | 59.4            | 18,470*          | 61.6            | 14,590*          |
| 140                                 | 53.8                                | 21,100*        | 56.2             | 17,420*         | 58.3             | 13,930*         |                  |
| 150                                 | 50.5                                | 19,730*        | 52.9             | 16,460*         | 54.9             | 13,370*         |                  |
| 160                                 | 47.0                                | 18,600*        | 49.3             | 15,670*         | 51.3             | 12,920*         |                  |
| 60' (18.3M) JIB & 170' (51.8M) BOOM | 43                                  | 81.8           | 29,870*          |                 |                  |                 |                  |
|                                     | 50                                  | 80.0           | 29,150*          |                 |                  |                 |                  |
|                                     | 60                                  | 77.5           | 28,190*          | 80.0            | 25,510*          |                 |                  |
|                                     | 70                                  | 75.0           | 27,200*          | 77.4            | 24,870*          | 79.8            | 21,340*          |
|                                     | 80                                  | 72.4           | 26,360*          | 74.8            | 24,190*          | 77.1            | 19,850*          |
|                                     | 90                                  | 69.7           | 25,550*          | 72.2            | 23,560*          | 74.4            | 18,510*          |
|                                     | 100                                 | 67.0           | 24,870*          | 69.5            | 23,060*          | 71.7            | 17,410*          |
|                                     | 110                                 | 64.3           | 24,190*          | 66.7            | 21,630*          | 68.9            | 16,440*          |
|                                     | 120                                 | 61.5           | 23,520*          | 63.9            | 20,230*          | 66.0            | 15,590*          |
|                                     | 130                                 | 58.6           | 23,020*          | 61.0            | 19,010*          | 63.0            | 14,900*          |
| 140                                 | 55.6                                | 21,950*        | 57.9             | 17,920*         | 60.0             | 14,210*         |                  |
| 150                                 | 52.5                                | 20,520*        | 54.8             | 16,930*         | 56.8             | 13,670*         |                  |
| 160                                 | 49.3                                | 19,280*        | 51.5             | 16,110*         | 53.4             | 13,150*         |                  |
| 170                                 | 45.9                                | 18,220*        | 48.1             | 15,360*         | 49.9             | 12,700*         |                  |
| 60' (18.3M) JIB & 180' (54.9M) BOOM | 44                                  | 81.9           | 29,770*          |                 |                  |                 |                  |
|                                     | 50                                  | 80.5           | 29,210*          |                 |                  |                 |                  |
|                                     | 60                                  | 78.0           | 28,160*          | 80.4            | 25,490*          |                 |                  |
|                                     | 70                                  | 75.6           | 27,270*          | 78.0            | 24,890*          | 80.2            | 21,580*          |
|                                     | 80                                  | 73.1           | 26,450*          | 75.5            | 24,310*          | 77.7            | 20,130*          |
|                                     | 90                                  | 70.6           | 25,72            |                 |                  |                 |                  |

**LIFT RATINGS IN POUNDS (continued)**

**With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib**

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 180' (con't)                        | 120               | 62.8           | 23,770*          | 65.1            | 20,760*          | 67.1            | 15,880*          |
|                                     | 130               | 60.1           | 23,170*          | 62.3            | 19,470*          | 64.3            | 15,140*          |
|                                     | 140               | 57.2           | 22,710*          | 59.5            | 18,420*          | 61.5            | 14,480*          |
|                                     | 150               | 54.3           | 21,240*          | 56.6            | 17,400*          | 58.5            | 13,920*          |
|                                     | 160               | 51.3           | 19,970*          | 53.5            | 16,550*          | 55.4            | 13,380*          |
|                                     | 170               | 48.2           | 18,880*          | 50.3            | 15,790*          | 52.1            | 12,920*          |
| 180                                 | 44.8              | 17,910*        | 46.9             | 15,150*         | 48.7             | 12,530*         |                  |
| 60' (18.3M) JIB & 190' (57.9M) BOOM | 45                | 82.0           | 29,710*          |                 |                  |                 |                  |
|                                     | 50                | 80.8           | 29,210*          |                 |                  |                 |                  |
|                                     | 60                | 78.5           | 28,290*          | 80.8            | 25,540*          |                 |                  |
|                                     | 70                | 76.2           | 27,490*          | 78.5            | 24,940*          | 80.6            | 21,800*          |
|                                     | 80                | 73.8           | 26,660*          | 76.1            | 24,350*          | 78.2            | 20,350*          |
|                                     | 90                | 71.4           | 25,900*          | 73.7            | 23,770*          | 75.8            | 19,060*          |
|                                     | 100               | 69.0           | 25,230*          | 71.2            | 23,250*          | 73.3            | 17,920*          |
|                                     | 110               | 66.5           | 24,580*          | 68.7            | 22,760*          | 70.7            | 16,970*          |
|                                     | 120               | 64.0           | 23,950*          | 66.2            | 21,310*          | 68.2            | 16,120*          |
|                                     | 130               | 61.4           | 23,410*          | 63.6            | 20,020*          | 65.5            | 15,390*          |
|                                     | 140               | 58.7           | 22,870*          | 60.9            | 18,830*          | 62.8            | 14,750*          |
|                                     | 150               | 56.0           | 22,030*          | 58.1            | 17,850*          | 60.0            | 14,150*          |
|                                     | 160               | 53.1           | 20,690*          | 55.3            | 17,020*          | 57.1            | 13,650*          |
|                                     | 170               | 50.2           | 19,520*          | 52.3            | 16,240*          | 54.0            | 13,160*          |
| 180                                 | 47.1              | 18,550*        | 49.2             | 15,530*         | 50.9             | 12,750*         |                  |
| 190                                 | 43.9              | 17,550         | 45.9             | 14,930*         | 47.5             | 12,400*         |                  |
| 60' (18.3M) JIB & 200' (61.0M) BOOM | 47                | 81.9           | 29,610*          |                 |                  |                 |                  |
|                                     | 50                | 81.2           | 29,340*          |                 |                  |                 |                  |
|                                     | 60                | 79.0           | 28,400*          | 81.2            | 25,630*          |                 |                  |
|                                     | 70                | 76.7           | 27,580*          | 78.9            | 24,990*          | 81.0            | 22,020*          |
|                                     | 80                | 74.4           | 26,870*          | 76.6            | 24,380*          | 78.7            | 20,570*          |
|                                     | 90                | 72.2           | 26,060*          | 74.3            | 23,910*          | 76.3            | 19,270*          |
|                                     | 100               | 69.8           | 25,380*          | 72.0            | 23,380*          | 74.0            | 18,220*          |
|                                     | 110               | 67.5           | 24,810*          | 69.6            | 22,900*          | 71.5            | 17,260*          |
|                                     | 120               | 65.0           | 24,210*          | 67.2            | 21,740*          | 69.1            | 16,370*          |
|                                     | 130               | 62.6           | 23,600*          | 64.7            | 20,510*          | 66.6            | 15,670*          |
|                                     | 140               | 60.1           | 23,100*          | 62.1            | 19,340*          | 64.0            | 14,970*          |
|                                     | 150               | 57.5           | 22,600*          | 59.5            | 18,310*          | 61.3            | 14,390*          |
|                                     | 160               | 54.8           | 21,440*          | 56.8            | 17,430*          | 58.6            | 13,840*          |
|                                     | 170               | 52.0           | 20,240*          | 54.0            | 16,630*          | 55.8            | 13,390*          |
| 180                                 | 49.1              | 18,700         | 51.1             | 15,940*         | 52.8             | 12,950*         |                  |
| 190                                 | 46.1              | 16,960         | 48.1             | 15,280*         | 49.7             | 12,580*         |                  |
| 200                                 | 42.9              | 15,410         | 44.9             | 14,720*         | 46.4             | 12,300*         |                  |
| 60' (18.3M) JIB & 210' (64.0M) BOOM | 48                | 82.0           | 29,500*          |                 |                  |                 |                  |
|                                     | 50                | 81.5           | 29,340*          |                 |                  |                 |                  |
|                                     | 60                | 79.4           | 28,510*          | 81.5            | 25,620*          |                 |                  |
|                                     | 70                | 77.2           | 27,670*          | 79.3            | 25,030*          | 81.3            | 22,180*          |
|                                     | 80                | 75.0           | 26,950*          | 77.1            | 24,420*          | 79.1            | 20,730*          |
|                                     | 90                | 72.8           | 26,170*          | 74.9            | 23,920*          | 76.9            | 19,530*          |
|                                     | 100               | 70.6           | 25,550*          | 72.7            | 23,500*          | 74.6            | 18,450*          |
|                                     | 110               | 68.3           | 24,900*          | 70.4            | 22,980*          | 72.3            | 17,450*          |
|                                     | 120               | 66.0           | 24,340*          | 68.1            | 22,290*          | 69.9            | 16,640*          |
|                                     | 130               | 63.7           | 23,830*          | 65.7            | 20,990*          | 67.5            | 15,870*          |
|                                     | 140               | 61.3           | 23,340*          | 63.3            | 19,770*          | 65.1            | 15,180*          |
|                                     | 150               | 58.8           | 22,830*          | 60.8            | 18,750*          | 62.6            | 14,610*          |
|                                     | 160               | 56.3           | 22,070*          | 58.3            | 17,870*          | 60.0            | 14,070*          |
|                                     | 170               | 53.7           | 20,120           | 55.6            | 17,010*          | 57.3            | 13,590*          |
| 180                                 | 51.0              | 18,140         | 52.9             | 16,330*         | 54.5             | 13,170*         |                  |
| 190                                 | 48.2              | 16,400         | 50.1             | 15,640*         | 51.6             | 12,790*         |                  |
| 200                                 | 45.2              | 14,850         | 47.1             | 14,860          | 48.6             | 12,450*         |                  |
| 210                                 | 42.1              | 13,460         | 43.9             | 13,470          | 45.4             | 12,170*         |                  |
| 60' (18.3M) JIB & 220' (67.1M) BOOM | 50                | 81.8           | 29,370*          |                 |                  |                 |                  |
|                                     | 60                | 79.8           | 28,600*          | 81.8            | 25,610*          |                 |                  |
|                                     | 70                | 77.7           | 27,760*          | 79.7            | 25,090*          | 81.6            | 22,330*          |
|                                     | 80                | 75.6           | 27,080*          | 77.6            | 24,560*          | 79.5            | 20,940*          |
|                                     | 90                | 73.5           | 26,330*          | 75.5            | 24,050*          | 77.4            | 19,750*          |
|                                     | 100               | 71.3           | 25,710*          | 73.3            | 23,500*          | 75.2            | 18,630*          |
|                                     | 110               | 69.1           | 25,090*          | 71.1            | 23,090*          | 73.0            | 17,690*          |
|                                     | 120               | 66.9           | 24,550*          | 68.9            | 22,630*          | 70.7            | 16,870*          |
|                                     | 130               | 64.7           | 23,970*          | 66.7            | 21,430*          | 68.4            | 16,100*          |
|                                     | 140               | 62.4           | 23,420*          | 64.3            | 20,220*          | 66.1            | 15,410*          |
|                                     | 150               | 60.1           | 22,950*          | 62.0            | 19,180*          | 63.7            | 14,850*          |
| 160                                 | 57.6              | 21,790         | 59.6             | 18,280*         | 61.2             | 14,260*         |                  |
| 170                                 | 55.2              | 19,560         | 57.1             | 17,430*         | 58.7             | 13,800*         |                  |
| 180                                 | 52.6              | 17,590         | 54.5             | 16,690*         | 56.1             | 13,350*         |                  |
| 190                                 | 50.0              | 15,840         | 51.8             | 15,850          | 53.4             | 12,950*         |                  |
| 200                                 | 47.2              | 14,280         | 49.1             | 14,290          | 50.6             | 12,600*         |                  |

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 220' (con't)                        | 210               | 44.3           | 12,890           | 46.1            | 12,900           | 47.6            | 12,310*          |
|                                     | 220               | 41.3           | 11,640           | 43.0            | 11,650           | 44.4            | 11,680           |
| 60' (18.3M) JIB & 230' (70.1M) BOOM | 51                | 81.9           | 29,250*          |                 |                  |                 |                  |
|                                     | 60                | 80.1           | 28,490*          |                 |                  |                 |                  |
|                                     | 70                | 78.1           | 27,810*          | 80.1            | 25,000*          | 81.9            | 22,520*          |
|                                     | 80                | 76.1           | 27,090*          | 78.1            | 24,460*          | 79.9            | 21,120*          |
|                                     | 90                | 74.0           | 26,460*          | 76.0            | 24,010*          | 77.8            | 19,940*          |
|                                     | 100               | 72.0           | 25,760*          | 73.9            | 23,590*          | 75.7            | 18,840*          |
|                                     | 110               | 69.9           | 25,180*          | 71.8            | 23,110*          | 73.6            | 17,920*          |
|                                     | 120               | 67.8           | 24,580*          | 69.7            | 22,700*          | 71.4            | 17,080*          |
|                                     | 130               | 65.6           | 24,050*          | 67.5            | 21,820*          | 69.2            | 16,340*          |
|                                     | 140               | 63.4           | 23,600*          | 65.3            | 20,680*          | 67.0            | 15,610*          |
|                                     | 150               | 61.2           | 23,140*          | 63.1            | 19,560*          | 64.7            | 15,000*          |
|                                     | 160               | 58.9           | 21,450           | 60.8            | 18,640*          | 62.4            | 14,450*          |
|                                     | 170               | 56.5           | 19,210           | 58.4            | 17,810*          | 60.0            | 13,970*          |
|                                     | 180               | 54.1           | 17,240           | 56.0            | 17,010*          | 57.5            | 13,560*          |
| 190                                 | 51.6              | 15,500         | 53.4             | 15,510          | 55.0             | 13,120*         |                  |
| 200                                 | 49.0              | 13,940         | 50.8             | 13,950          | 52.3             | 12,760*         |                  |
| 210                                 | 46.3              | 12,540         | 48.1             | 12,550          | 49.5             | 12,470*         |                  |
| 220                                 | 43.5              | 11,290         | 45.2             | 11,300          | 46.6             | 11,320          |                  |
| 230                                 | 40.5              | 10,160         | 42.2             | 10,170          | 43.5             | 10,190          |                  |
| 60' (18.3M) JIB & 240' (73.2M) BOOM | 52                | 82.0           | 29,120*          |                 |                  |                 |                  |
|                                     | 60                | 80.4           | 28,510*          |                 |                  |                 |                  |
|                                     | 70                | 78.5           | 27,780*          | 80.4            | 24,980*          |                 |                  |
|                                     | 80                | 76.6           | 27,120*          | 78.5            | 24,490*          | 80.2            | 21,330*          |
|                                     | 90                | 74.6           | 26,490*          | 76.5            | 24,010*          | 78.2            | 20,080*          |
|                                     | 100               | 72.6           | 25,920*          | 74.5            | 23,580*          | 76.2            | 19,070*          |
|                                     | 110               | 70.6           | 25,240*          | 72.5            | 23,210*          | 74.2            | 18,130*          |
|                                     | 120               | 68.6           | 24,700*          | 70.4            | 22,730*          | 72.1            | 17,290*          |
|                                     | 130               | 66.5           | 24,260*          | 68.3            | 22,300*          | 70.0            | 16,530*          |
|                                     | 140               | 64.4           | 23,730*          | 66.2            | 21,070*          | 67.9            | 15,860*          |
|                                     | 150               | 62.2           | 23,300*          | 64.1            | 20,030*          | 65.7            | 15,250*          |
|                                     | 160               | 60.0           | 20,920           | 61.9            | 19,040*          | 63.4            | 14,670*          |
|                                     | 170               | 57.8           | 18,680           | 59.6            | 18,140*          | 61.2            | 14,200*          |
|                                     | 180               | 55.5           | 16,710           | 57.3            | 16,710           | 58.8            | 13,710*          |
| 190                                 | 53.1              | 14,960         | 54.9             | 14,970          | 56.4             | 13,290*         |                  |
| 200                                 | 50.7              | 13,400         | 52.4             | 13,410          | 53.9             | 12,920*         |                  |
| 210                                 | 48.2              | 12,000         | 49.9             | 12,010          | 51.3             | 12,030          |                  |
| 220                                 | 45.5              | 10,750         | 47.2             | 10,750          | 48.6             | 10,770          |                  |
| 230                                 | 42.7              | 9,610          | 44.4             | 9,620           | 45.7             | 9,640           |                  |
| 240                                 | 39.8              | 8,580          | 41.4             | 8,590           | 42.6             | 8,610           |                  |
| 60' (18.3M) JIB & 250' (76.2M) BOOM | 54                | 81.9           | 29,020*          |                 |                  |                 |                  |
|                                     | 60                | 80.8           | 28,640*          |                 |                  |                 |                  |
|                                     | 70                | 78.9           | 27,980*          | 80.7            | 25,040*          |                 |                  |
|                                     | 80                | 77.0           | 27,240*          | 78.8            | 24,530*          | 80.6            | 21,440*          |
|                                     | 90                | 75.1           | 26,610*          | 76.9            | 24,100*          | 78.6            | 20,320*          |
|                                     | 100               | 73.2           | 26,030*          | 75.0            | 23,650*          | 76.7            | 19,270*          |
|                                     | 110               | 71.2           | 25,480*          | 73.0            | 23,300*          | 74.7            | 18,300*          |
|                                     | 120               | 69.3           | 24,840*          | 71.1            | 22,830*          | 72.7            | 17,450*          |
|                                     | 130               | 67.3           | 24,380*          | 69.1            | 22,440*          | 70.7            | 16,710*          |
|                                     | 140               | 65.3           | 23,930*          | 67.0            | 21,480*          | 68.6            | 16,070*          |
|                                     | 150               | 63.2           | 22,920           | 65.0            | 20,450*          | 66.5            | 15,400*          |
|                                     | 160               | 61.1           | 20,360           | 62.9            | 19,440*          | 64.4            | 14,840*          |
|                                     | 170               | 59.0           | 18,120           | 60.7            | 18,130           | 62.2            | 14,360*          |
|                                     | 180               | 56.8           | 16,140           | 58.5            | 16,150           | 60.0            | 13,900*          |
| 190                                 | 54.5              | 14,390         | 56.2             | 14,400          | 57.7             | 13,460*         |                  |
| 200                                 | 52.2              | 12,830         | 53.9             | 12,840          | 55.3             | 12,850          |                  |
| 210                                 | 49.8              | 11,430         | 51.5             | 11,440          | 52.9             | 11,450          |                  |
| 220                                 | 47.3              | 10,170         | 49.0             | 10,180          | 50.3             | 10,200          |                  |
| 230                                 | 44.7              | 9,030          | 46.3             | 9,040           | 47.6             | 9,060           |                  |
| 240                                 | 42.0              | 7,990          | 43.6             | 8,000           | 44.8             | 8,020           |                  |
| 250                                 | 39.1              | 7,050          | 40.7             | 7,070           | 41.8             | 7,090           |                  |
| 60' (18.3M) JIB & 260' (79.2M) BOOM | 55                | 82.0           | 28,970*          |                 |                  |                 |                  |
|                                     | 60                | 81.0           | 28,640*          |                 |                  |                 |                  |
|                                     | 70                | 79.2           | 27,940*          | 81.0            | 24,990*          |                 |                  |
|                                     | 80                | 77.4           | 27,360*          | 79.2            | 24,570*          | 80.9            | 21,650*          |
|                                     | 90                | 75.6           | 26,720*          | 77.3            | 24,080*          | 79.0            | 20,430*          |
|                                     | 100               | 73.7           | 26,060*          | 75.5            | 23,730*          | 77.1            | 19,470*          |
|                                     | 110               | 71.8           | 25,510*          | 73.6            | 23,290*          | 75.2            | 18,470*          |
|                                     | 120               | 70.0           | 24,980*          | 71.7            | 22,880*          | 73.3            | 17,630*          |
|                                     | 130               | 68.0           | 24,520*          | 69.8            | 22,540*          | 71.3            | 16,920*          |
|                                     | 140               | 66.            |                  |                 |                  |                 |                  |

**LIFT RATINGS IN POUNDS (continued)**

With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib

| Boom and Jib Length                 | Jib Radius (Feet)                   | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                                     | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 260' (con't)                        | 170                                 | 60.0           | 17,570           | 61.7            | 17,580           | 63.2            | 14,510*          |
|                                     | 180                                 | 57.9           | 15,590           | 59.6            | 15,600           | 61.1            | 14,070*          |
|                                     | 190                                 | 55.8           | 13,840           | 57.5            | 13,850           | 58.9            | 13,630*          |
|                                     | 200                                 | 53.6           | 12,280           | 55.2            | 12,290           | 56.6            | 12,300           |
|                                     | 210                                 | 51.3           | 10,880           | 52.9            | 10,880           | 54.3            | 10,900           |
|                                     | 220                                 | 49.0           | 9,620            | 50.6            | 9,630            | 51.9            | 9,640            |
|                                     | 230                                 | 46.5           | 8,470            | 48.1            | 8,480            | 49.4            | 8,500            |
|                                     | 240                                 | 44.0           | 7,440            | 45.5            | 7,450            | 46.8            | 7,470            |
|                                     | 250                                 | 41.3           | 6,490            | 42.8            | 6,500            | 44.0            | 6,520            |
|                                     | 260                                 | 38.5           | 5,630            | 40.0            | 5,640            | 41.1            | 5,660            |
|                                     | 60' (18.3M) JIB & 270' (82.3M) BOOM | 57             | 81.8             | 28,790*         |                  |                 |                  |
| 60                                  |                                     | 81.3           | 28,660*          |                 |                  |                 |                  |
| 70                                  |                                     | 79.6           | 28,010*          | 81.3            | 25,050*          |                 |                  |
| 80                                  |                                     | 77.8           | 27,350*          | 79.5            | 24,580*          | 81.2            | 21,760*          |
| 90                                  |                                     | 76.0           | 26,720*          | 77.7            | 24,160*          | 79.4            | 20,640*          |
| 100                                 |                                     | 74.2           | 26,180*          | 75.9            | 23,690*          | 77.5            | 19,630*          |
| 110                                 |                                     | 72.4           | 25,550*          | 74.1            | 23,360*          | 75.7            | 18,710*          |
| 120                                 |                                     | 70.6           | 25,080*          | 72.3            | 22,950*          | 73.8            | 17,820*          |
| 130                                 |                                     | 68.7           | 24,530*          | 70.4            | 22,610*          | 72.0            | 17,090*          |
| 140                                 |                                     | 66.9           | 24,120*          | 68.5            | 22,270*          | 70.0            | 16,370*          |
| 150                                 |                                     | 65.0           | 21,850           | 66.6            | 21,160*          | 68.1            | 15,810*          |
| 160                                 |                                     | 63.0           | 19,280           | 64.7            | 19,290           | 66.1            | 15,210*          |
| 170                                 |                                     | 61.0           | 17,030           | 62.7            | 17,040           | 64.1            | 14,680*          |
| 180                                 |                                     | 59.0           | 15,050           | 60.7            | 15,060           | 62.1            | 14,230*          |
| 190                                 |                                     | 57.0           | 13,300           | 58.6            | 13,310           | 60.0            | 13,320           |
| 200                                 |                                     | 54.9           | 11,730           | 56.5            | 11,740           | 57.8            | 11,760           |
| 210                                 |                                     | 52.7           | 10,330           | 54.3            | 10,330           | 55.6            | 10,350           |
| 220                                 | 50.5                                | 9,060          | 52.0             | 9,070           | 53.3             | 9,090           |                  |
| 230                                 | 48.2                                | 7,920          | 49.7             | 7,920           | 51.0             | 7,940           |                  |
| 240                                 | 45.8                                | 6,870          | 47.3             | 6,880           | 48.5             | 6,900           |                  |
| 250                                 | 43.3                                | 5,930          | 44.8             | 5,940           | 45.9             | 5,960           |                  |
| 260                                 | 40.6                                | 5,060          | 42.1             | 5,070           | 43.2             | 5,100           |                  |
| 270                                 | 37.9                                | 4,270          | 39.3             | 4,280           | 40.3             | 4,310           |                  |
| 60' (18.3M) JIB & 280' (85.3M) BOOM | 58                                  | 81.9           | 28,640*          |                 |                  |                 |                  |
|                                     | 60                                  | 81.6           | 28,480*          |                 |                  |                 |                  |
|                                     | 70                                  | 79.9           | 27,810*          | 81.6            | 24,900*          |                 |                  |
|                                     | 80                                  | 78.2           | 27,230*          | 79.8            | 24,450*          | 81.4            | 21,920*          |
|                                     | 90                                  | 76.4           | 26,690*          | 78.1            | 24,100*          | 79.7            | 20,750*          |
|                                     | 100                                 | 74.7           | 26,070*          | 76.4            | 23,630*          | 77.9            | 19,770*          |
|                                     | 110                                 | 72.9           | 25,550*          | 74.6            | 23,260*          | 76.1            | 18,860*          |
|                                     | 120                                 | 71.2           | 25,090*          | 72.8            | 22,930*          | 74.3            | 17,980*          |
|                                     | 130                                 | 69.4           | 24,590*          | 71.0            | 22,600*          | 72.5            | 17,270*          |
|                                     | 140                                 | 67.6           | 24,140*          | 69.2            | 22,190*          | 70.7            | 16,560*          |
|                                     | 150                                 | 65.7           | 21,480           | 67.4            | 21,490           | 68.8            | 16,000*          |
|                                     | 160                                 | 63.9           | 18,900           | 65.5            | 18,910           | 66.9            | 15,370*          |
|                                     | 170                                 | 62.0           | 16,660           | 63.6            | 16,660           | 65.0            | 14,910*          |
|                                     | 180                                 | 60.0           | 14,680           | 61.6            | 14,690           | 63.0            | 14,430*          |
|                                     | 190                                 | 58.1           | 12,920           | 59.6            | 12,930           | 61.0            | 12,950           |
|                                     | 200                                 | 56.1           | 11,350           | 57.6            | 11,360           | 59.0            | 11,380           |
|                                     | 210                                 | 54.0           | 9,950            | 55.5            | 9,960            | 56.8            | 9,970            |
| 220                                 | 51.9                                | 8,680          | 53.4             | 8,690           | 54.7             | 8,710           |                  |
| 230                                 | 49.7                                | 7,540          | 51.2             | 7,550           | 52.4             | 7,570           |                  |
| 240                                 | 47.4                                | 6,490          | 48.9             | 6,500           | 50.1             | 6,520           |                  |
| 250                                 | 45.0                                | 5,550          | 46.5             | 5,560           | 47.7             | 5,580           |                  |
| 260                                 | 42.6                                | 4,680          | 44.0             | 4,690           | 45.2             | 4,710           |                  |
| 270                                 | 40.0                                | 3,890          | 41.4             | 3,900           | 42.5             | 3,920           |                  |
| 280                                 | 37.3                                | 3,170          | 38.7             | 3,180           | 39.6             | 3,200           |                  |
| 60' (18.3M) JIB & 290' (88.4M) BOOM | 59                                  | 82.0           | 28,420*          |                 |                  |                 |                  |
|                                     | 60                                  | 81.8           | 28,400*          |                 |                  |                 |                  |
|                                     | 70                                  | 80.2           | 27,820*          | 81.8            | 24,850*          |                 |                  |
|                                     | 80                                  | 78.5           | 27,260*          | 80.1            | 24,460*          | 81.7            | 22,010*          |
|                                     | 90                                  | 76.8           | 26,670*          | 78.5            | 24,010*          | 80.0            | 20,910*          |
|                                     | 100                                 | 75.1           | 26,170*          | 76.8            | 23,690*          | 78.3            | 19,920*          |
|                                     | 110                                 | 73.4           | 25,640*          | 75.1            | 23,230*          | 76.6            | 19,040*          |
|                                     | 120                                 | 71.7           | 25,060*          | 73.3            | 22,890*          | 74.8            | 18,210*          |
|                                     | 130                                 | 70.0           | 24,660*          | 71.6            | 22,550*          | 73.1            | 17,420*          |
|                                     | 140                                 | 68.2           | 23,930           | 69.8            | 22,200*          | 71.3            | 16,770*          |
|                                     | 150                                 | 66.5           | 20,960           | 68.1            | 20,960           | 69.5            | 16,090*          |
|                                     | 160                                 | 64.7           | 18,380           | 66.2            | 18,390           | 67.6            | 15,590*          |
|                                     | 170                                 | 62.8           | 16,130           | 64.4            | 16,140           | 65.8            | 15,050*          |
|                                     | 180                                 | 61.0           | 14,150           | 62.5            | 14,160           | 63.9            | 14,170           |
|                                     | 190                                 | 59.1           | 12,390           | 60.6            | 12,390           | 62.0            | 12,410           |
|                                     | 200                                 | 57.2           | 10,830           | 58.7            | 10,830           | 60.0            | 10,850           |

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 290' (con't)                        | 210               | 55.2           | 9,420            | 56.7            | 9,430            | 58.0            | 9,440            |
|                                     | 220               | 53.1           | 8,140            | 54.6            | 8,150            | 55.9            | 8,170            |
|                                     | 230               | 51.1           | 7,000            | 52.5            | 7,010            | 53.8            | 7,030            |
|                                     | 240               | 48.9           | 5,950            | 50.4            | 5,960            | 51.6            | 5,980            |
|                                     | 250               | 46.7           | 5,000            | 48.1            | 5,010            | 49.3            | 5,030            |
|                                     | 260               | 44.4           | 4,130            | 45.8            | 4,140            | 46.9            | 4,160            |
|                                     | 270               | 41.9           | 3,330            | 43.3            | 3,340            | 44.4            | 3,370            |
| 70' (21.3M) JIB & 180' (54.9M) BOOM | 46                | 82.0           | 22,290*          |                 |                  |                 |                  |
|                                     | 50                | 81.0           | 21,900*          |                 |                  |                 |                  |
|                                     | 60                | 78.7           | 21,140*          | 81.4            | 18,910*          |                 |                  |
|                                     | 70                | 76.4           | 20,340*          | 79.0            | 18,320*          | 81.6            | 16,670*          |
|                                     | 80                | 74.0           | 19,640*          | 76.7            | 17,790*          | 79.2            | 16,300*          |
|                                     | 90                | 71.6           | 19,050*          | 74.2            | 17,290*          | 76.7            | 15,820*          |
|                                     | 100               | 69.2           | 18,450*          | 71.8            | 16,840*          | 74.2            | 15,430*          |
|                                     | 110               | 66.7           | 17,890*          | 69.3            | 16,430*          | 71.7            | 14,570*          |
|                                     | 120               | 64.2           | 17,410*          | 66.7            | 15,920*          | 69.1            | 13,830*          |
|                                     | 130               | 61.6           | 16,930*          | 64.1            | 15,450*          | 66.4            | 13,170*          |
|                                     | 140               | 58.9           | 16,440*          | 61.5            | 15,070*          | 63.7            | 12,590*          |
| 150                                 | 56.2              | 15,870*        | 58.7             | 14,730*         | 60.9             | 12,040*         |                  |
| 160                                 | 53.3              | 15,460*        | 55.8             | 14,380*         | 58.0             | 11,560*         |                  |
| 170                                 | 50.4              | 15,000*        | 52.8             | 13,780*         | 54.9             | 11,160*         |                  |
| 180                                 | 47.3              | 14,660*        | 49.7             | 13,160*         | 51.7             | 10,800*         |                  |
| 70' (21.3M) JIB & 190' (57.9M) BOOM | 48                | 81.8           | 22,170*          |                 |                  |                 |                  |
|                                     | 50                | 81.4           | 21,960*          |                 |                  |                 |                  |
|                                     | 60                | 79.2           | 21,160*          | 81.7            | 18,910*          |                 |                  |
|                                     | 70                | 76.9           | 20,440*          | 79.5            | 18,380*          | 81.9            | 16,710*          |
|                                     | 80                | 74.6           | 19,760*          | 77.2            | 17,850*          | 79.6            | 16,330*          |
|                                     | 90                | 72.3           | 19,200*          | 74.9            | 17,390*          | 77.3            | 15,910*          |
|                                     | 100               | 70.0           | 18,590*          | 72.5            | 16,950*          | 74.9            | 15,440*          |
|                                     | 110               | 67.6           | 18,060*          | 70.1            | 16,530*          | 72.5            | 14,820*          |
|                                     | 120               | 65.2           | 17,540*          | 67.7            | 16,030*          | 70.0            | 14,060*          |
|                                     | 130               | 62.8           | 17,090*          | 65.2            | 15,630*          | 67.5            | 13,360*          |
|                                     | 140               | 60.2           | 16,600*          | 62.7            | 15,200*          | 64.9            | 12,780*          |
| 150                                 | 57.7              | 16,120*        | 60.1             | 14,870*         | 62.2             | 12,250*         |                  |
| 160                                 | 55.0              | 15,670*        | 57.4             | 14,540*         | 59.5             | 11,750*         |                  |
| 170                                 | 52.2              | 15,220*        | 54.6             | 14,120*         | 56.6             | 11,360*         |                  |
| 180                                 | 49.3              | 14,840*        | 51.7             | 13,490*         | 53.7             | 11,000*         |                  |
| 190                                 | 46.3              | 14,550*        | 48.6             | 12,910*         | 50.5             | 10,660*         |                  |
| 70' (21.3M) JIB & 200' (61.0M) BOOM | 49                | 81.9           | 22,090*          |                 |                  |                 |                  |
|                                     | 50                | 81.7           | 22,010*          |                 |                  |                 |                  |
|                                     | 60                | 79.6           | 21,260*          |                 |                  |                 |                  |
|                                     | 70                | 77.4           | 20,610*          | 79.9            | 18,440*          |                 |                  |
|                                     | 80                | 75.2           | 19,960*          | 77.7            | 17,910*          | 80.0            | 16,350*          |
|                                     | 90                | 73.0           | 19,310*          | 75.5            | 17,470*          | 77.8            | 15,920*          |
|                                     | 100               | 70.8           | 18,710*          | 73.2            | 17,040*          | 75.5            | 15,500*          |
|                                     | 110               | 68.5           | 18,220*          | 70.9            | 16,630*          | 73.2            | 15,010*          |
|                                     | 120               | 66.2           | 17,680*          | 68.6            | 16,210*          | 70.8            | 14,210*          |
|                                     | 130               | 63.9           | 17,250*          | 66.2            | 15,770*          | 68.4            | 13,560*          |
|                                     | 140               | 61.5           | 16,770*          | 63.8            | 15,330*          | 65.9            | 12,990*          |
| 150                                 | 59.0              | 16,360*        | 61.3             | 14,960*         | 63.4             | 12,410*         |                  |
| 160                                 | 56.5              | 15,870*        | 58.8             | 14,670*         | 60.8             | 11,970*         |                  |
| 170                                 | 53.9              | 15,470*        | 56.2             | 14,380*         | 58.2             | 11,540*         |                  |
| 180                                 | 51.2              | 15,060*        | 53.4             | 13,830*         | 55.4             | 11,140*         |                  |
| 190                                 | 48.3              | 14,720*        | 50.6             | 13,230*         | 52.5             | 10,820*         |                  |
| 200                                 | 45.4              | 14,420*        | 47.6             | 12,760*         | 49.4             | 10,510*         |                  |
| 70' (21.3M) JIB & 210' (64.0M) BOOM | 51                | 81.8           | 22,020*          |                 |                  |                 |                  |
|                                     | 60                | 79.9           | 21,370*          |                 |                  |                 |                  |
|                                     | 70                | 77.9           | 20,620*          | 80.2            | 18,420*          |                 |                  |
|                                     | 80                | 75.8           | 19,980*          | 78.1            | 17,980*          | 80.4            | 16,310*          |
|                                     | 90                | 73.6           | 19,380*          | 76.0            | 17,520*          | 78.2            | 15,980*          |
|                                     | 100               | 71.5           | 18,840*          | 73.8            | 17,050*          | 76.0            | 15,560*          |
|                                     | 110               | 69.3           | 18,360*          | 71.7            | 16,650*          | 73.8            | 15,200*          |
|                                     | 120               | 67.1           | 17,810*          | 69.4            | 16,260*          | 71.6            | 14,390*          |
|                                     | 130               | 64.9           | 17,390*          | 67.2            | 15,830*          | 69.3            | 13,750*          |
|                                     | 140               | 62.6           | 16,980*          | 64.9            | 15,460*          | 66.9            | 13,120*          |
|                                     | 150               | 60.2           | 16,570*          | 62.5            | 15,110*          | 64.5            | 12,610*          |
| 160                                 | 57.8              | 16,050*        | 60.1             | 14,750*         | 62.1             | 12,130*         |                  |
| 170                                 | 55.4              | 15,620*        | 57.6             | 14,490*         | 59.5             | 11,680*         |                  |
| 180                                 | 52.8              | 15,240*        | 55.0             | 14,150*         | 56.9             | 11,290*         |                  |
| 190                                 | 50.2              | 14,880*        | 52.3             | 13,570*         | 54.2             | 10,960*         |                  |
| 200                                 | 47.4              | 14,580*        | 49.6             | 13,030*         | 51.3             | 10,680*         |                  |
| 210                                 | 44.5              | 13,710         | 46.6             | 12,580*         | 48.3             | 10,400*         |                  |



**LIFT RATINGS IN POUNDS (continued)**

**With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib**

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 70' (21.3M) JIB & 220' (67.1M) BOOM | 52                | 81.9           | 21,920*          |                 |                  |                 |                  |
|                                     | 60                | 80.3           | 21,390*          |                 |                  |                 |                  |
|                                     | 70                | 78.3           | 20,720*          | 80.6            | 18,490*          |                 |                  |
|                                     | 80                | 76.3           | 20,080*          | 78.6            | 17,990*          | 80.7            | 16,340*          |
|                                     | 90                | 74.2           | 19,490*          | 76.5            | 17,520*          | 78.6            | 15,970*          |
|                                     | 100               | 72.2           | 18,980*          | 74.4            | 17,120*          | 76.5            | 15,610*          |
|                                     | 110               | 70.1           | 18,430*          | 72.3            | 16,740*          | 74.4            | 15,250*          |
|                                     | 120               | 67.9           | 17,990*          | 70.2            | 16,360*          | 72.2            | 14,590*          |
|                                     | 130               | 65.8           | 17,510*          | 68.0            | 15,990*          | 70.0            | 13,900*          |
|                                     | 140               | 63.6           | 17,050*          | 65.8            | 15,570*          | 67.8            | 13,350*          |
|                                     | 150               | 61.4           | 16,670*          | 63.6            | 15,210*          | 65.5            | 12,780*          |
|                                     | 160               | 59.1           | 16,300*          | 61.2            | 14,870*          | 63.2            | 12,290*          |
| 170                                 | 56.7              | 15,810*        | 58.9             | 14,560*         | 60.8             | 11,830*         |                  |
| 180                                 | 54.3              | 15,410*        | 56.4             | 14,310*         | 58.3             | 11,440*         |                  |
| 190                                 | 51.8              | 15,080*        | 53.9             | 13,850*         | 55.7             | 11,120*         |                  |
| 200                                 | 49.2              | 14,550         | 51.3             | 13,320*         | 53.1             | 10,800*         |                  |
| 210                                 | 46.5              | 13,150         | 48.6             | 12,840*         | 50.3             | 10,520*         |                  |
| 220                                 | 43.7              | 11,890         | 45.7             | 11,900          | 47.3             | 10,290*         |                  |
| 70' (21.3M) JIB & 230' (70.1M) BOOM | 53                | 82.0           | 21,880*          |                 |                  |                 |                  |
|                                     | 60                | 80.6           | 21,400*          |                 |                  |                 |                  |
|                                     | 70                | 78.7           | 20,730*          | 80.9            | 18,420*          |                 |                  |
|                                     | 80                | 76.7           | 20,160*          | 78.9            | 17,970*          | 81.0            | 16,270*          |
|                                     | 90                | 74.8           | 19,580*          | 77.0            | 17,560*          | 79.0            | 16,010*          |
|                                     | 100               | 72.8           | 19,080*          | 75.0            | 17,130*          | 77.0            | 15,650*          |
|                                     | 110               | 70.8           | 18,530*          | 72.9            | 16,750*          | 75.0            | 15,300*          |
|                                     | 120               | 68.7           | 18,110*          | 70.9            | 16,450*          | 72.9            | 14,740*          |
|                                     | 130               | 66.6           | 17,610*          | 68.8            | 16,080*          | 70.8            | 14,120*          |
|                                     | 140               | 64.5           | 17,230*          | 66.7            | 15,660*          | 68.6            | 13,510*          |
|                                     | 150               | 62.4           | 16,820*          | 64.5            | 15,290*          | 66.4            | 12,960*          |
|                                     | 160               | 60.2           | 16,420*          | 62.3            | 14,990*          | 64.2            | 12,440*          |
| 170                                 | 58.0              | 16,000*        | 60.1             | 14,660*         | 61.9             | 12,010*         |                  |
| 180                                 | 55.7              | 15,620*        | 57.8             | 14,390*         | 59.6             | 11,610*         |                  |
| 190                                 | 53.3              | 15,240*        | 55.4             | 14,140*         | 57.1             | 11,260*         |                  |
| 200                                 | 50.9              | 14,190         | 52.9             | 13,600*         | 54.6             | 10,920*         |                  |
| 210                                 | 48.3              | 12,800         | 50.3             | 12,810          | 52.0             | 10,640*         |                  |
| 220                                 | 45.7              | 11,540         | 47.7             | 11,550          | 49.3             | 10,410*         |                  |
| 230                                 | 42.9              | 10,410         | 44.9             | 10,420          | 46.4             | 10,180*         |                  |
| 70' (21.3M) JIB & 240' (73.2M) BOOM | 55                | 81.9           | 21,730*          |                 |                  |                 |                  |
|                                     | 60                | 80.9           | 21,430*          |                 |                  |                 |                  |
|                                     | 70                | 79.0           | 20,850*          | 81.2            | 18,420*          |                 |                  |
|                                     | 80                | 77.2           | 20,250*          | 79.3            | 18,050*          | 81.3            | 16,240*          |
|                                     | 90                | 75.3           | 19,650*          | 77.4            | 17,560*          | 79.4            | 16,010*          |
|                                     | 100               | 73.3           | 19,100*          | 75.5            | 17,180*          | 77.5            | 15,700*          |
|                                     | 110               | 71.4           | 18,680*          | 73.5            | 16,840*          | 75.5            | 15,340*          |
|                                     | 120               | 69.4           | 18,170*          | 71.5            | 16,510*          | 73.5            | 14,930*          |
|                                     | 130               | 67.4           | 17,700*          | 69.5            | 16,150*          | 71.5            | 14,280*          |
|                                     | 140               | 65.4           | 17,350*          | 67.5            | 15,800*          | 69.4            | 13,630*          |
|                                     | 150               | 63.4           | 16,890*          | 65.4            | 15,400*          | 67.3            | 13,090*          |
|                                     | 160               | 61.3           | 16,570*          | 63.3            | 15,060*          | 65.1            | 12,590*          |
| 170                                 | 59.1              | 16,210*        | 61.2             | 14,800*         | 63.0             | 12,160*         |                  |
| 180                                 | 56.9              | 15,770*        | 59.0             | 14,520*         | 60.7             | 11,740*         |                  |
| 190                                 | 54.7              | 15,210         | 56.7             | 14,270*         | 58.4             | 11,380*         |                  |
| 200                                 | 52.4              | 13,650         | 54.3             | 13,660          | 56.0             | 11,090*         |                  |
| 210                                 | 50.0              | 12,260         | 51.9             | 12,270          | 53.6             | 10,760*         |                  |
| 220                                 | 47.5              | 10,990         | 49.4             | 11,000          | 51.0             | 10,530*         |                  |
| 230                                 | 44.9              | 9,860          | 46.8             | 9,870           | 48.3             | 9,890           |                  |
| 240                                 | 42.2              | 8,820          | 44.0             | 8,830           | 45.5             | 8,850           |                  |
| 70' (21.3M) JIB & 250' (76.2M) BOOM | 56                | 81.9           | 21,800*          |                 |                  |                 |                  |
|                                     | 60                | 81.2           | 21,540*          |                 |                  |                 |                  |
|                                     | 70                | 79.4           | 20,870*          | 81.5            | 18,490*          |                 |                  |
|                                     | 80                | 77.6           | 20,330*          | 79.7            | 18,070*          | 81.6            | 16,280*          |
|                                     | 90                | 75.7           | 19,720*          | 77.8            | 17,630*          | 79.8            | 15,980*          |
|                                     | 100               | 73.9           | 19,200*          | 75.9            | 17,230*          | 77.9            | 15,730*          |
|                                     | 110               | 72.0           | 18,730*          | 74.1            | 16,900*          | 76.0            | 15,380*          |
|                                     | 120               | 70.1           | 18,300*          | 72.1            | 16,540*          | 74.0            | 15,040*          |
|                                     | 130               | 68.2           | 17,850*          | 70.2            | 16,180*          | 72.1            | 14,390*          |
|                                     | 140               | 66.2           | 17,440*          | 68.3            | 15,870*          | 70.1            | 13,790*          |
|                                     | 150               | 64.3           | 17,070*          | 66.3            | 15,530*          | 68.1            | 13,270*          |
|                                     | 160               | 62.2           | 16,650*          | 64.2            | 15,210*          | 66.0            | 12,750*          |
| 170                                 | 60.2              | 16,360*        | 62.2             | 14,870*         | 63.9             | 12,330*         |                  |
| 180                                 | 58.1              | 15,990*        | 60.1             | 14,620*         | 61.8             | 11,900*         |                  |
| 190                                 | 56.0              | 14,640         | 57.9             | 14,370*         | 59.6             | 11,550*         |                  |
| 200                                 | 53.7              | 13,090         | 55.7             | 13,100          | 57.3             | 11,210*         |                  |
| 210                                 | 51.5              | 11,690         | 53.4             | 11,700          | 55.0             | 10,890*         |                  |
| 250' (con't)                        | 220               | 49.1           | 10,420           |                 |                  |                 |                  |
|                                     | 230               | 46.7           | 9,280            |                 |                  |                 |                  |
|                                     | 240               | 44.1           | 8,240            |                 |                  |                 |                  |
|                                     | 250               | 41.5           | 7,300            |                 |                  |                 |                  |
|                                     |                   |                | 43.3             | 7,310           |                  |                 |                  |
| 70' (21.3M) JIB & 260' (79.2M) BOOM | 57                | 82.0           | 21,710*          |                 |                  |                 |                  |
|                                     | 60                | 81.5           | 21,470*          |                 |                  |                 |                  |
|                                     | 70                | 79.7           | 20,920*          | 81.7            | 18,480*          |                 |                  |
|                                     | 80                | 77.9           | 20,330*          | 80.0            | 18,070*          | 81.9            | 16,270*          |
|                                     | 90                | 76.2           | 19,800*          | 78.2            | 17,620*          | 80.1            | 15,950*          |
|                                     | 100               | 74.4           | 19,330*          | 76.4            | 17,280*          | 78.3            | 15,700*          |
|                                     | 110               | 72.6           | 18,850*          | 74.6            | 16,940*          | 76.4            | 15,410*          |
|                                     | 120               | 70.7           | 18,370*          | 72.7            | 16,560*          | 74.5            | 15,130*          |
|                                     | 130               | 68.9           | 17,910*          | 70.9            | 16,250*          | 72.7            | 14,530*          |
|                                     | 140               | 67.0           | 17,570*          | 69.0            | 15,980*          | 70.8            | 13,920*          |
|                                     | 150               | 65.1           | 17,130*          | 67.0            | 15,610*          | 68.8            | 13,410*          |
|                                     | 160               | 63.2           | 16,770*          | 65.1            | 15,270*          | 66.8            | 12,890*          |
| 170                                 | 61.2              | 16,460*        | 63.1             | 14,950*         | 64.8             | 12,480*         |                  |
| 180                                 | 59.2              | 15,860         | 61.1             | 14,690*         | 62.8             | 12,070*         |                  |
| 190                                 | 57.1              | 14,110         | 59.0             | 14,120          | 60.7             | 11,660*         |                  |
| 200                                 | 55.0              | 12,540         | 56.9             | 12,550          | 58.5             | 11,350*         |                  |
| 210                                 | 52.9              | 11,140         | 54.7             | 11,150          | 56.3             | 11,010*         |                  |
| 220                                 | 50.6              | 9,870          | 52.5             | 9,880           | 54.0             | 9,900           |                  |
| 230                                 | 48.3              | 8,730          | 50.1             | 8,740           | 51.6             | 8,760           |                  |
| 240                                 | 45.9              | 7,690          | 47.7             | 7,700           | 49.2             | 7,720           |                  |
| 250                                 | 43.4              | 6,740          | 45.2             | 6,750           | 46.6             | 6,770           |                  |
| 260                                 | 40.8              | 5,870          | 42.5             | 5,890           | 43.9             | 5,910           |                  |
| 70' (21.3M) JIB & 270' (82.3M) BOOM | 59                | 81.9           | 21,570*          |                 |                  |                 |                  |
|                                     | 60                | 81.7           | 21,480*          |                 |                  |                 |                  |
|                                     | 70                | 80.0           | 20,930*          | 82.0            | 18,470*          |                 |                  |
|                                     | 80                | 78.3           | 20,410*          | 80.3            | 18,060*          |                 |                  |
|                                     | 90                | 76.6           | 19,870*          | 78.5            | 17,680*          | 80.4            | 15,980*          |
|                                     | 100               | 74.8           | 19,360*          | 76.8            | 17,330*          | 78.6            | 15,660*          |
|                                     | 110               | 73.1           | 18,870*          | 75.0            | 16,950*          | 76.8            | 15,440*          |
|                                     | 120               | 71.3           | 18,480*          | 73.3            | 16,630*          | 75.0            | 15,130*          |
|                                     | 130               | 69.5           | 18,040*          | 71.5            | 16,340*          | 73.2            | 14,720*          |
|                                     | 140               | 67.7           | 17,620*          | 69.6            | 16,010*          | 71.4            | 14,120*          |
|                                     | 150               | 65.9           | 17,210*          | 67.8            | 15,730*          | 69.5            | 13,520*          |
|                                     | 160               | 64.0           | 16,910*          | 65.9            | 15,390*          | 67.6            | 13,050*          |
| 170                                 | 62.1              | 16,550*        | 64.0             | 15,090*         | 65.7             | 12,600*         |                  |
| 180                                 | 60.2              | 15,310         | 62.0             | 14,770*         | 63.7             | 12,180*         |                  |
| 190                                 | 58.2              | 13,560         | 60.1             | 13,570          | 61.7             | 11,820*         |                  |
| 200                                 | 56.2              | 11,990         | 58.0             | 12,000          | 59.6             | 11,470*         |                  |
| 210                                 | 54.1              | 10,590         | 55.9             | 10,600          | 57.5             | 10,620          |                  |
| 220                                 | 52.0              | 9,310          | 53.8             | 9,320           | 55.3             | 9,340           |                  |
| 230                                 | 49.8              | 8,170          | 51.6             | 8,180           | 53.1             | 8,200           |                  |
| 240                                 | 47.5              | 7,130          | 49.3             | 7,140           | 50.7             | 7,160           |                  |
| 250                                 | 45.2              | 6,180          | 46.9             | 6,190           | 48.3             | 6,220           |                  |
| 260                                 | 42.7              | 5,310          | 44.4             | 5,320           | 45.8             | 5,350           |                  |
| 270                                 | 40.1              | 4,520          | 41.8             | 4,530           | 43.1             | 4,550           |                  |
| 70' (21.3M) JIB & 280' (85.3M) BOOM | 60                | 82.0           | 21,460*          |                 |                  |                 |                  |
|                                     | 70                | 80.3           | 20,900*          |                 |                  |                 |                  |
|                                     | 80                | 78.6           | 20,400*          | 80.6            | 17,990*          |                 |                  |
|                                     | 90                | 77.0           | 19,830*          | 78.9            | 17,630*          | 80.7            | 15,920*          |
|                                     | 100               | 75.3           | 19,370*          | 77.2            | 17,280*          | 79.0            | 15,630*          |
|                                     | 110               | 73.6           | 18,970*          | 75.5            | 16,950*          | 77.2            | 15,380*          |
|                                     | 120               | 71.9           | 18,510*          | 73.8            | 16,590*          | 75.5            | 15,180*          |
|                                     | 130               | 70.1           | 18,100*          | 72.0            | 16,290*          | 73.7            | 14,850*          |
|                                     | 140               | 68.4           | 17,710*          | 70.2            | 16,060*          | 71.9            | 14,220*          |
|                                     | 150               | 66.6           | 17,310*          | 68.5            | 15,730*          | 70.1            | 13,680*          |
|                                     | 160               | 64.8           | 16,950*          | 66.6            | 15,490*          | 68.3            | 13,180*          |
|                                     | 170               | 63.0           | 16,640*          | 64.8            | 15,190*          | 66.4            | 12,720*          |
| 180                                 | 61.1              | 14,940         | 62.9             | 14,870*         | 64.5             | 12,290*         |                  |
| 190                                 | 59.2              | 13,180         | 61.0             | 13,190          | 62.6             | 11,930*         |                  |
| 200                                 | 57.3              | 11,610         | 59.1             | 11,620          | 60.6             | 11,570*         |                  |
| 210                                 | 55.3              | 10,210         | 57.1             | 10,220          | 58.6             | 10,240          |                  |
| 220                                 | 53.3              | 8,930          | 55.0             | 8,940           | 56.5             | 8,960           |                  |
| 230                                 | 51.2              | 7,790          | 52.9             | 7,800           | 54.4             | 7,820           |                  |
| 240                                 | 49.0              | 6,740          | 50.8             | 6,750           | 52.2             | 6,770           |                  |
| 250                                 | 46.8              | 5,800          | 48.5             | 5,810           | 49.9             | 5,830           |                  |
| 260                                 | 44.5              | 4,930          | 46.2             | 4,940           | 47.5             | 4,970           |                  |
| 270                                 | 42.1              | 4,130          | 43.7             | 4,150           | 45.0             | 4,170           |                  |
| 280                                 | 39.5              | 3,400          | 41.1             | 3,410           | 42.4             | 3,440           |                  |



**LIFT RATINGS IN POUNDS (continued)**

**With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib**

| Boom and Jib Length                 | Jib Radius (Feet)                   | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |  |
|-------------------------------------|-------------------------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|--|
|                                     |                                     | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |  |
| 70' (21.3M) JIB & 290' (88.4M) BOOM | 62                                  | 81.9           | 21,310*          |                 |                  |                 |                  |  |
|                                     | 70                                  | 80.6           | 20,880*          |                 |                  |                 |                  |  |
|                                     | 80                                  | 79.0           | 20,400*          | 80.8            | 17,960*          |                 |                  |  |
|                                     | 90                                  | 77.3           | 19,890*          | 79.2            | 17,600*          | 80.9            | 15,880*          |  |
|                                     | 100                                 | 75.7           | 19,470*          | 77.5            | 17,250*          | 79.3            | 15,590*          |  |
|                                     | 110                                 | 74.1           | 18,980*          | 75.9            | 16,950*          | 77.6            | 15,410*          |  |
|                                     | 120                                 | 72.4           | 18,530*          | 74.2            | 16,620*          | 75.9            | 15,160*          |  |
|                                     | 130                                 | 70.7           | 18,120*          | 72.5            | 16,360*          | 74.2            | 14,930*          |  |
|                                     | 140                                 | 69.0           | 17,770*          | 70.8            | 16,050*          | 72.5            | 14,370*          |  |
|                                     | 150                                 | 67.3           | 17,350*          | 69.1            | 15,780*          | 70.7            | 13,810*          |  |
|                                     | 160                                 | 65.6           | 17,030*          | 67.3            | 15,530*          | 69.0            | 13,340*          |  |
|                                     | 170                                 | 63.8           | 16,390           | 65.6            | 15,270*          | 67.2            | 12,840*          |  |
|                                     | 180                                 | 62.0           | 14,400           | 63.8            | 14,410           | 65.3            | 12,460*          |  |
|                                     | 190                                 | 60.2           | 12,650           | 61.9            | 12,660           | 63.5            | 12,040*          |  |
|                                     | 200                                 | 58.3           | 11,080           | 60.1            | 11,090           | 61.6            | 11,110           |  |
|                                     | 210                                 | 56.4           | 9,670            | 58.1            | 9,680            | 59.6            | 9,700            |  |
|                                     | 220                                 | 54.5           | 8,400            | 56.2            | 8,410            | 57.6            | 8,430            |  |
|                                     | 230                                 | 52.5           | 7,250            | 54.2            | 7,260            | 55.6            | 7,280            |  |
| 240                                 | 50.4                                | 6,210          | 52.1             | 6,220           | 53.5             | 6,240           |                  |  |
| 250                                 | 48.3                                | 5,250          | 50.0             | 5,260           | 51.3             | 5,280           |                  |  |
| 260                                 | 46.1                                | 4,390          | 47.8             | 4,400           | 49.1             | 4,420           |                  |  |
| 270                                 | 43.8                                | 3,580          | 45.5             | 3,600           | 46.7             | 3,620           |                  |  |
| 280                                 | 41.4                                | 2,860          | 43.0             | 2,870           | 44.3             | 2,890           |                  |  |
| 80' (24.4M) JIB & 200' (61.0M) BOOM | 51                                  | 82.0           | 17,300*          |                 |                  |                 |                  |  |
|                                     | 60                                  | 80.1           | 16,660*          |                 |                  |                 |                  |  |
|                                     | 70                                  | 78.0           | 16,040*          | 80.8            | 14,050*          |                 |                  |  |
|                                     | 80                                  | 75.9           | 15,460*          | 78.7            | 13,640*          | 81.2            | 11,980*          |  |
|                                     | 90                                  | 73.8           | 14,890*          | 76.5            | 13,120*          | 79.1            | 11,590*          |  |
|                                     | 100                                 | 71.7           | 14,350*          | 74.4            | 12,670*          | 76.9            | 11,260*          |  |
|                                     | 110                                 | 69.5           | 13,870*          | 72.2            | 12,210*          | 74.7            | 10,950*          |  |
|                                     | 120                                 | 67.3           | 13,370*          | 69.9            | 11,790*          | 72.4            | 10,640*          |  |
|                                     | 130                                 | 65.0           | 12,860*          | 67.7            | 11,430*          | 70.1            | 10,370*          |  |
|                                     | 140                                 | 62.7           | 12,410*          | 65.4            | 11,110*          | 67.8            | 10,150*          |  |
|                                     | 150                                 | 60.4           | 11,950*          | 63.0            | 10,810*          | 65.4            | 9,950*           |  |
|                                     | 160                                 | 58.0           | 11,560*          | 60.6            | 10,520*          | 62.9            | 9,760*           |  |
|                                     | 170                                 | 55.5           | 11,190*          | 58.1            | 10,280*          | 60.3            | 9,620*           |  |
|                                     | 180                                 | 53.0           | 10,880*          | 55.5            | 10,050*          | 57.7            | 9,470*           |  |
|                                     | 190                                 | 50.3           | 10,600*          | 52.8            | 9,880*           | 55.0            | 9,380*           |  |
|                                     | 200                                 | 47.6           | 10,370*          | 50.1            | 9,720*           | 52.1            | 9,230*           |  |
|                                     | 80' (24.4M) JIB & 210' (64.0M) BOOM | 53             | 81.9             | 17,240*         |                  |                 |                  |  |
|                                     |                                     | 60             | 80.5             | 16,770*         |                  |                 |                  |  |
| 70                                  |                                     | 78.5           | 16,130*          | 81.1            | 14,070*          | 81.6            | 11,990*          |  |
| 80                                  |                                     | 76.4           | 15,540*          | 79.1            | 13,640*          | 79.5            | 11,590*          |  |
| 90                                  |                                     | 74.4           | 14,950*          | 77.0            | 13,180*          | 77.4            | 11,260*          |  |
| 100                                 |                                     | 72.3           | 14,470*          | 74.9            | 12,700*          | 75.2            | 10,970*          |  |
| 110                                 |                                     | 70.2           | 13,960*          | 72.8            | 12,290*          | 73.1            | 10,660*          |  |
| 120                                 |                                     | 68.1           | 13,510*          | 70.7            | 11,900*          | 70.9            | 10,420*          |  |
| 130                                 |                                     | 66.0           | 13,000*          | 68.5            | 11,500*          | 68.6            | 10,210*          |  |
| 140                                 |                                     | 63.8           | 12,550*          | 66.3            | 11,190*          | 66.3            | 9,980*           |  |
| 150                                 |                                     | 61.5           | 12,100*          | 64.0            | 10,900*          | 64.0            | 9,800*           |  |
| 160                                 |                                     | 59.2           | 11,710*          | 61.7            | 10,600*          | 61.6            | 9,630*           |  |
| 170                                 |                                     | 56.9           | 11,340*          | 59.4            | 10,390*          | 59.1            | 9,520*           |  |
| 180                                 |                                     | 54.5           | 11,020*          | 57.0            | 10,140*          | 56.5            | 9,370*           |  |
| 190                                 |                                     | 52.0           | 10,730*          | 54.4            | 9,950*           | 53.8            | 9,290*           |  |
| 200                                 |                                     | 49.4           | 10,490*          | 51.8            | 9,760*           | 51.0            | 9,090*           |  |
| 210                                 |                                     | 46.7           | 10,250*          | 49.1            | 9,620*           |                 |                  |  |
| 80' (24.4M) JIB & 220' (67.1M) BOOM |                                     | 54             | 81.9             | 17,180*         |                  |                 |                  |  |
|                                     | 60                                  | 80.8           | 16,820*          |                 |                  |                 |                  |  |
|                                     | 70                                  | 78.8           | 16,150*          | 81.4            | 14,090*          | 81.8            | 12,000*          |  |
|                                     | 80                                  | 76.9           | 15,610*          | 79.4            | 13,650*          | 79.8            | 11,630*          |  |
|                                     | 90                                  | 74.9           | 15,030*          | 77.5            | 13,250*          | 77.8            | 11,310*          |  |
|                                     | 100                                 | 72.9           | 14,570*          | 75.5            | 12,770*          | 75.8            | 10,980*          |  |
|                                     | 110                                 | 70.9           | 14,070*          | 73.4            | 12,340*          | 73.7            | 10,730*          |  |
|                                     | 120                                 | 68.9           | 13,630*          | 71.4            | 11,940*          | 71.6            | 10,460*          |  |
|                                     | 130                                 | 66.8           | 13,160*          | 69.3            | 11,610*          | 69.4            | 10,220*          |  |
|                                     | 140                                 | 64.7           | 12,720*          | 67.2            | 11,260*          | 67.2            | 10,040*          |  |
|                                     | 150                                 | 62.6           | 12,290*          | 65.0            | 10,960*          | 65.0            | 9,850*           |  |
|                                     | 160                                 | 60.4           | 11,880*          | 62.8            | 10,680*          | 62.7            | 9,670*           |  |
|                                     | 170                                 | 58.1           | 11,530*          | 60.5            | 10,430*          | 60.3            | 9,550*           |  |
|                                     | 180                                 | 55.8           | 11,170*          | 58.2            | 10,240*          | 57.9            | 9,400*           |  |
|                                     | 190                                 | 53.5           | 10,900*          | 55.8            | 10,030*          | 55.4            | 9,310*           |  |
|                                     | 200                                 | 51.0           | 10,610*          | 53.4            | 9,830*           | 52.7            | 9,190*           |  |
|                                     | 210                                 | 48.5           | 10,380*          | 50.8            | 9,700*           |                 |                  |  |
|                                     | 220                                 | 45.8           | 10,140*          | 48.1            | 9,550*           |                 |                  |  |

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 80' (24.4M) JIB & 230' (70.1M) BOOM | 56                | 81.8           | 17,090*          |                 |                  |                 |                  |
|                                     | 60                | 81.1           | 16,820*          |                 |                  |                 |                  |
|                                     | 70                | 79.2           | 16,210*          | 81.7            | 14,100*          |                 |                  |
|                                     | 80                | 77.3           | 15,610*          | 79.8            | 13,690*          | 80.2            | 11,620*          |
|                                     | 90                | 75.4           | 15,110*          | 77.9            | 13,300*          | 78.2            | 11,300*          |
|                                     | 100               | 73.5           | 14,610*          | 75.9            | 12,830*          | 76.2            | 11,020*          |
|                                     | 110               | 71.6           | 14,180*          | 74.0            | 12,430*          | 74.2            | 10,760*          |
|                                     | 120               | 69.6           | 13,750*          | 72.0            | 12,040*          | 72.2            | 10,490*          |
|                                     | 130               | 67.6           | 13,300*          | 70.0            | 11,670*          | 70.1            | 10,270*          |
|                                     | 140               | 65.6           | 12,830*          | 68.0            | 11,340*          | 68.0            | 10,060*          |
|                                     | 150               | 63.5           | 12,410*          | 65.9            | 11,060*          | 65.9            | 9,850*           |
|                                     | 160               | 61.4           | 12,040*          | 63.8            | 10,760*          | 63.7            | 9,700*           |
|                                     | 170               | 59.3           | 11,650*          | 61.6            | 10,520*          | 61.5            | 9,560*           |
|                                     | 180               | 57.1           | 11,320*          | 59.4            | 10,290*          | 59.1            | 9,440*           |
|                                     | 190               | 54.8           | 11,020*          | 57.1            | 10,060*          | 56.8            | 9,330*           |
|                                     | 200               | 52.5           | 10,730*          | 54.8            | 9,920*           | 54.3            | 9,250*           |
|                                     | 210               | 50.1           | 10,500*          | 52.4            | 9,730*           | 51.7            | 9,080*           |
|                                     | 220               | 47.6           | 10,260*          | 49.9            | 9,580*           | 49.0            | 8,880*           |
| 230                                 | 45.0              | 10,040*        | 47.2             | 9,480*          |                  |                 |                  |
| 80' (24.4M) JIB & 240' (73.2M) BOOM | 57                | 81.9           | 17,010*          |                 |                  |                 |                  |
|                                     | 60                | 81.4           | 16,860*          |                 |                  |                 |                  |
|                                     | 70                | 79.5           | 16,220*          | 81.9            | 14,060*          |                 |                  |
|                                     | 80                | 77.7           | 15,680*          | 80.1            | 13,690*          | 80.5            | 11,670*          |
|                                     | 90                | 75.9           | 15,150*          | 78.3            | 13,300*          | 78.6            | 11,350*          |
|                                     | 100               | 74.0           | 14,700*          | 76.4            | 12,900*          | 76.7            | 11,030*          |
|                                     | 110               | 72.2           | 14,220*          | 74.5            | 12,470*          | 74.8            | 10,780*          |
|                                     | 120               | 70.3           | 13,800*          | 72.6            | 12,130*          | 72.8            | 10,520*          |
|                                     | 130               | 68.3           | 13,430*          | 70.7            | 11,770*          | 70.8            | 10,300*          |
|                                     | 140               | 66.4           | 13,010*          | 68.7            | 11,420*          | 68.8            | 10,080*          |
|                                     | 150               | 64.4           | 12,530*          | 66.7            | 11,130*          | 66.8            | 9,880*           |
|                                     | 160               | 62.4           | 12,170*          | 64.7            | 10,860*          | 64.7            | 9,730*           |
|                                     | 170               | 60.4           | 11,780*          | 62.6            | 10,600*          | 62.5            | 9,580*           |
|                                     | 180               | 58.3           | 11,440*          | 60.5            | 10,340*          | 60.3            | 9,460*           |
|                                     | 190               | 56.1           | 11,120*          | 58.3            | 10,150*          | 58.0            | 9,320*           |
|                                     | 200               | 53.9           | 10,870*          | 56.1            | 9,950*           | 55.7            | 9,230*           |
|                                     | 210               | 51.6           | 10,580*          | 53.8            | 9,800*           | 53.3            | 9,150*           |
|                                     | 220               | 49.3           | 10,340*          | 51.4            | 9,660*           | 50.7            | 8,980*           |
| 230                                 | 46.8              | 10,090         | 49.0             | 9,510*          | 48.1             | 8,780*          |                  |
| 240                                 | 44.3              | 9,060          | 46.4             | 9,070           |                  |                 |                  |
| 80' (24.4M) JIB & 250' (76.2M) BOOM | 58                | 82.0           | 17,000*          |                 |                  |                 |                  |
|                                     | 60                | 81.6           | 16,900*          |                 |                  |                 |                  |
|                                     | 70                | 79.9           | 16,300*          |                 |                  |                 |                  |
|                                     | 80                | 78.1           | 15,750*          | 80.4            | 13,690*          | 80.8            | 11,660*          |
|                                     | 90                | 76.3           | 15,240*          | 78.6            | 13,360*          | 79.0            | 11,340*          |
|                                     | 100               | 74.5           | 14,780*          | 76.8            | 12,970*          | 77.1            | 11,080*          |
|                                     | 110               | 72.7           | 14,340*          | 75.0            | 12,560*          | 75.3            | 10,800*          |
|                                     | 120               | 70.9           | 13,900*          | 73.2            | 12,150*          | 73.4            | 10,530*          |
|                                     | 130               | 69.0           | 13,540*          | 71.3            | 11,820*          | 71.5            | 10,320*          |
|                                     | 140               | 67.2           | 13,150*          | 69.4            | 11,510*          | 69.5            | 10,140*          |
|                                     | 150               | 65.2           | 12,680*          | 67.5            | 11,180*          | 67.5            | 9,910*           |
|                                     | 160               | 63.3           | 12,310*          | 65.5            | 10,910*          | 65.5            | 9,760*           |
|                                     | 170               | 61.3           | 11,910*          | 63.5            | 10,640*          | 63.5            | 9,610*           |
|                                     | 180               | 59.3           | 11,590*          | 61.5            | 10,430*          | 61.4            | 9,470*           |
|                                     | 190               | 57.3           | 11,240*          | 59.4            | 10,230*          | 59.2            | 9,350*           |
|                                     | 200               | 55.2           | 10,990*          | 57.3            | 10,030*          | 57.0            | 9,250*           |
|                                     | 210               | 53.0           | 10,700*          | 55.1            | 9,840*           | 54.7            | 9,170*           |
|                                     | 220               | 50.8           | 10,460*          | 52.9            | 9,690*           | 52.3            | 9,040*           |
| 230                                 | 48.5              | 9,520          | 50.6             | 9,530           | 49.8             | 8,520           |                  |
| 240                                 | 46.1              | 8,480          | 48.1             | 8,490           | 47.2             | 7,580           |                  |
| 250                                 | 43.6              | 7,540          | 45.6             | 7,550           |                  |                 |                  |
| 80' (24.4M) JIB & 260' (79.2M) BOOM | 60                | 81.9           | 16,900*          |                 |                  |                 |                  |
|                                     | 70                | 80.2           | 16,300*          |                 |                  |                 |                  |
|                                     | 80                | 78.5           | 15,810*          | 80.7            | 13,680*          | 81.1            | 11,660*          |
|                                     | 90                | 76.7           | 15,330*          | 79.0            | 13,350*          | 79.3            | 11,340*          |
|                                     | 100               | 75.0           | 14,850*          | 77.2            | 13,000*          | 77.5            | 11,090*          |
|                                     | 110               | 73.2           | 14,410*          | 75.5            | 12,630*          | 75.7            | 10,810*          |
|                                     | 120               | 71.5           | 13,990*          | 73.7            | 12,210*          | 73.9            | 10,540*          |
|                                     | 130               | 69.7           | 13,600*          | 71.9            | 11,890*          | 72.1            | 10,360*          |
|                                     | 140               | 67.9           | 13,220*          | 70.1            | 11,540*          | 70.2            | 10,130*          |
|                                     | 150               | 66.0           | 12,810*          | 68.2            | 11,260*          | 68.3            | 9,950*           |
|                                     | 160               | 64.2           | 12,420*          | 66.3            | 10,990*          | 66.3            | 9,760*           |
|                                     | 170               | 62.3           | 12,070*          | 64.4            | 10,710*          | 64.4            | 9,610*           |
|                                     | 180               | 60.3           | 11,710*          | 62.5            | 10,510*          | 62.3            | 9,500*           |
|                                     | 190               | 58.4           | 11,410*          | 60.5            | 10,260*          |                 |                  |



**LIFT RATINGS IN POUNDS (continued)**

**With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib**

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  | Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 260' (con't)                        | 200               | 56.3           | 11,110*          | 58.4            | 10,060*          | 60.3            | 9,380*           | 90' (27.4M) JIB & 230' (70.1M) BOOM | 58                | 81.9           | 13,670*          |                 |                  |                 |                  |
|                                     | 210               | 54.3           | 10,820*          | 56.4            | 9,910*           | 58.2            | 9,280*           |                                     | 60                | 81.5           | 13,560*          |                 |                  |                 |                  |
|                                     | 220               | 52.1           | 10,110           | 54.2            | 9,720*           | 56.0            | 9,190*           |                                     | 70                | 79.7           | 13,000*          |                 |                  |                 |                  |
|                                     | 230               | 50.0           | 8,970            | 52.0            | 8,980            | 53.7            | 9,010            |                                     | 80                | 77.9           | 12,500*          | 10,360*         |                  |                 |                  |
|                                     | 240               | 47.7           | 7,930            | 49.7            | 7,940            | 51.4            | 7,960            |                                     | 90                | 76.0           | 11,890*          | 80.6            | 10,360*          | 81.3            | 8,500*           |
|                                     | 250               | 45.3           | 6,980            | 47.3            | 6,990            | 48.9            | 7,020            |                                     | 100               | 74.2           | 11,360*          | 78.7            | 9,920*           | 79.4            | 8,230*           |
|                                     | 260               | 42.9           | 6,110            | 44.8            | 6,120            | 46.4            | 6,150            |                                     | 110               | 72.3           | 10,840*          | 76.9            | 9,520*           | 77.5            | 7,980*           |
| 80' (24.4M) JIB & 270' (82.3M) BOOM | 61                | 81.9           | 16,890*          |                 |                  |                 |                  | 120                                 | 70.4              | 10,340*        | 73.1             | 8,830*          | 75.5             | 7,750*          |                  |
|                                     | 70                | 80.4           | 16,340*          |                 |                  |                 |                  | 130                                 | 68.5              | 9,930*         | 71.1             | 8,540*          | 73.6             | 7,550*          |                  |
|                                     | 80                | 78.8           | 15,820*          | 81.0            | 13,710*          |                 | 11,650*          | 140                                 | 66.5              | 9,520*         | 69.2             | 8,280*          | 71.6             | 7,360*          |                  |
|                                     | 90                | 77.1           | 15,340*          | 79.3            | 13,350*          | 81.4            | 11,650*          | 150                                 | 64.6              | 9,190*         | 67.2             | 8,030*          | 69.5             | 7,170*          |                  |
|                                     | 100               | 75.4           | 14,920*          | 77.6            | 13,010*          | 79.6            | 11,380*          | 160                                 | 62.6              | 8,830*         | 65.1             | 7,800*          | 67.5             | 7,020*          |                  |
|                                     | 110               | 73.7           | 14,470*          | 75.9            | 12,680*          | 77.9            | 11,100*          | 170                                 | 60.5              | 8,530*         | 63.1             | 7,570*          | 65.4             | 6,900*          |                  |
|                                     | 120               | 72.0           | 14,060*          | 74.2            | 12,270*          | 76.2            | 10,810*          | 180                                 | 58.4              | 8,260*         | 61.0             | 7,390*          | 63.2             | 6,770*          |                  |
|                                     | 130               | 70.3           | 13,650*          | 72.4            | 11,960*          | 74.4            | 10,590*          | 190                                 | 56.3              | 8,030*         | 58.8             | 7,240*          | 61.0             | 6,640*          |                  |
|                                     | 140               | 68.5           | 13,310*          | 70.7            | 11,640*          | 72.6            | 10,360*          | 200                                 | 54.0              | 7,780*         | 56.6             | 7,070*          | 58.7             | 6,560*          |                  |
|                                     | 150               | 66.8           | 12,950*          | 68.9            | 11,310*          | 70.8            | 10,140*          | 210                                 | 51.8              | 7,570*         | 54.3             | 6,930*          | 56.4             | 6,480*          |                  |
|                                     | 160               | 65.0           | 12,550*          | 67.1            | 11,040*          | 69.0            | 9,950*           | 220                                 | 49.4              | 7,410*         | 51.9             | 6,830*          | 54.0             | 6,410*          |                  |
|                                     | 170               | 63.1           | 12,190*          | 65.2            | 10,800*          | 67.1            | 9,800*           | 230                                 | 47.0              | 7,210*         | 49.4             | 6,690*          | 51.4             | 6,360*          |                  |
|                                     | 180               | 61.3           | 11,820*          | 63.3            | 10,550*          | 65.2            | 9,650*           | 90' (27.4M) JIB & 240' (73.2M) BOOM | 59                | 81.9           | 13,600*          |                 |                  |                 |                  |
|                                     | 190               | 59.4           | 11,510*          | 61.4            | 10,350*          | 63.3            | 9,490*           |                                     | 60                | 81.8           | 13,560*          |                 |                  |                 |                  |
|                                     | 200               | 57.4           | 11,210*          | 59.5            | 10,150*          | 61.3            | 9,390*           |                                     | 70                | 80.0           | 13,020*          |                 |                  |                 |                  |
|                                     | 210               | 55.5           | 10,840           | 57.5            | 9,950*           | 59.2            | 9,270*           |                                     | 80                | 78.2           | 12,510*          | 80.9            | 10,380*          |                 |                  |
|                                     | 220               | 53.4           | 9,560            | 55.4            | 9,570            | 57.2            | 9,170*           |                                     | 90                | 76.5           | 12,010*          | 79.1            | 9,940*           | 81.5            | 8,500*           |
| 230                                 | 51.3              | 8,420          | 53.3             | 8,430           | 55.0             | 8,460           | 100              |                                     | 74.7              | 11,450*        | 77.3             | 9,540*          | 79.7             | 8,250*          |                  |
| 240                                 | 49.2              | 7,370          | 51.2             | 7,380           | 52.8             | 7,410           | 110              |                                     | 72.9              | 10,910*        | 75.4             | 9,220*          | 77.9             | 8,000*          |                  |
| 250                                 | 46.9              | 6,430          | 48.9             | 6,440           | 50.5             | 6,460           | 120              |                                     | 71.0              | 10,440*        | 73.6             | 8,900*          | 76.0             | 7,780*          |                  |
| 260                                 | 44.6              | 5,550          | 46.6             | 5,570           | 48.1             | 5,590           | 130              |                                     | 69.2              | 10,040*        | 71.7             | 8,580*          | 74.1             | 7,570*          |                  |
| 270                                 | 42.2              | 4,760          | 44.1             | 4,780           | 45.6             | 4,800           | 140              |                                     | 67.3              | 9,630*         | 69.8             | 8,340*          | 72.2             | 7,390*          |                  |
| 80' (24.4M) JIB & 280' (85.3M) BOOM | 63                | 81.8           | 16,740*          |                 |                  |                 |                  | 150                                 | 65.4              | 9,260*         | 67.9             | 8,060*          | 70.2             | 7,210*          |                  |
|                                     | 70                | 80.7           | 16,320*          |                 |                  |                 |                  | 160                                 | 63.5              | 8,950*         | 66.0             | 7,860*          | 68.3             | 7,040*          |                  |
|                                     | 80                | 79.1           | 15,810*          | 81.2            | 13,660*          |                 | 11,650*          | 170                                 | 61.5              | 8,650*         | 64.0             | 7,630*          | 66.2             | 6,890*          |                  |
|                                     | 90                | 77.5           | 15,400*          | 79.6            | 13,320*          | 81.6            | 11,650*          | 180                                 | 59.5              | 8,360*         | 62.0             | 7,430*          | 64.2             | 6,760*          |                  |
|                                     | 100               | 75.8           | 14,910*          | 78.0            | 13,060*          | 79.9            | 11,350*          | 190                                 | 57.4              | 8,110*         | 59.9             | 7,280*          | 62.1             | 6,650*          |                  |
|                                     | 110               | 74.2           | 14,470*          | 76.3            | 12,730*          | 78.3            | 11,090*          | 200                                 | 55.3              | 7,890*         | 57.8             | 7,110*          | 59.9             | 6,570*          |                  |
|                                     | 120               | 72.5           | 14,110*          | 74.6            | 12,320*          | 76.6            | 10,850*          | 210                                 | 53.1              | 7,650*         | 55.6             | 6,970*          | 57.7             | 6,480*          |                  |
|                                     | 130               | 70.9           | 13,700*          | 72.9            | 11,970*          | 74.9            | 10,580*          | 220                                 | 50.9              | 7,480*         | 53.3             | 6,840*          | 55.4             | 6,400*          |                  |
|                                     | 140               | 69.2           | 13,370*          | 71.2            | 11,680*          | 73.1            | 10,360*          | 230                                 | 48.6              | 7,280*         | 51.0             | 6,740*          | 53.0             | 6,350*          |                  |
|                                     | 150               | 67.4           | 13,030*          | 69.5            | 11,370*          | 71.4            | 10,160*          | 240                                 | 46.2              | 7,160*         | 48.6             | 6,640*          | 50.5             | 6,310*          |                  |
|                                     | 160               | 65.7           | 12,640*          | 67.7            | 11,090*          | 69.6            | 10,010*          | 90' (27.4M) JIB & 250' (76.2M) BOOM | 61                | 81.8           | 13,550*          |                 |                  |                 |                  |
|                                     | 170               | 63.9           | 12,300*          | 66.0            | 10,850*          | 67.8            | 9,800*           |                                     | 70                | 80.3           | 13,100*          |                 |                  |                 |                  |
|                                     | 180               | 62.1           | 11,930*          | 64.2            | 10,590*          | 66.0            | 9,680*           |                                     | 80                | 78.6           | 12,560*          | 81.1            | 10,400*          |                 |                  |
|                                     | 190               | 60.3           | 11,630*          | 62.3            | 10,380*          | 64.1            | 9,520*           |                                     | 90                | 76.9           | 12,120*          | 79.4            | 9,990*           | 81.8            | 8,480*           |
|                                     | 200               | 58.4           | 11,330*          | 60.4            | 10,180*          | 62.2            | 9,420*           |                                     | 100               | 75.1           | 11,560*          | 77.7            | 9,600*           | 80.0            | 8,220*           |
|                                     | 210               | 56.5           | 10,450           | 58.5            | 10,030*          | 60.3            | 9,300*           |                                     | 110               | 73.4           | 11,030*          | 75.9            | 9,230*           | 78.2            | 8,010*           |
|                                     | 220               | 54.6           | 9,180            | 56.6            | 9,200            | 58.3            | 9,200*           |                                     | 120               | 71.6           | 10,570*          | 74.1            | 8,930*           | 76.4            | 7,780*           |
| 230                                 | 52.6              | 8,030          | 54.6             | 8,040           | 56.2             | 8,060           | 130              |                                     | 69.8              | 10,120*        | 72.3             | 8,640*          | 74.6             | 7,570*          |                  |
| 240                                 | 50.6              | 6,990          | 52.5             | 7,000           | 54.1             | 7,020           | 140              |                                     | 68.0              | 9,720*         | 70.5             | 8,370*          | 72.8             | 7,370*          |                  |
| 250                                 | 48.4              | 6,040          | 50.4             | 6,050           | 51.9             | 6,080           | 150              |                                     | 66.2              | 9,360*         | 68.6             | 8,110*          | 70.9             | 7,200*          |                  |
| 260                                 | 46.2              | 5,170          | 48.1             | 5,180           | 49.7             | 5,200           | 160              | 64.3                                | 9,030*            | 66.7           | 7,870*           | 69.0            | 7,050*           |                 |                  |
| 270                                 | 44.0              | 4,370          | 45.8             | 4,390           | 47.3             | 4,410           | 170              | 62.4                                | 8,730*            | 64.8           | 7,680*           | 67.0            | 6,920*           |                 |                  |
| 280                                 | 41.6              | 3,640          | 43.4             | 3,650           | 44.8             | 3,680           | 180              | 60.5                                | 8,440*            | 62.9           | 7,480*           | 65.0            | 6,770*           |                 |                  |
| 80' (24.4M) JIB & 290' (88.4M) BOOM | 64                | 81.9           | 16,680*          |                 |                  |                 |                  | 190                                 | 58.5              | 8,180*         | 60.9             | 7,300*          | 63.0             | 6,660*          |                  |
|                                     | 70                | 81.0           | 16,390*          |                 |                  |                 |                  | 200                                 | 56.5              | 7,950*         | 58.9             | 7,160*          | 61.0             | 6,560*          |                  |
|                                     | 80                | 79.4           | 15,900*          | 81.5            | 13,660*          |                 | 11,640*          | 210                                 | 54.4              | 7,740*         | 56.8             | 7,020*          | 58.8             | 6,480*          |                  |
|                                     | 90                | 77.8           | 15,390*          | 79.9            | 13,330*          | 81.8            | 11,640*          | 220                                 | 52.3              | 7,560*         | 54.6             | 6,880*          | 56.6             | 6,400*          |                  |
|                                     | 100               | 76.2           | 14,960*          | 78.3            | 13,050*          | 80.2            | 11,390*          | 230                                 | 50.1              | 7,360*         | 52.4             | 6,780*          | 54.4             | 6,350*          |                  |
|                                     | 110               | 74.6           | 14,530*          | 76.7            | 12,720*          | 78.6            | 11,080*          | 240                                 | 47.8              | 7,230*         | 50.1             | 6,660*          | 52.0             | 6,310*          |                  |
|                                     | 120               | 73.0           | 14,130*          | 75.1            | 12,390*          | 77.0            | 10,850*          | 250                                 | 45.5              | 7,060*         | 47.7             | 6,590*          | 49.6             | 6,270*          |                  |
|                                     | 130               | 71.4           | 13,780*          | 73.4            | 12,030*          | 75.3            | 10,620*          | 90' (27.4M) JIB & 260' (79.2M) BOOM | 62                | 81.9           | 13,530*          |                 |                  |                 |                  |
|                                     | 140               | 69.7           | 13,420*          | 71.8            | 11,730*          | 73.6            | 10,370*          |                                     | 70                | 80.6           | 13,110*          |                 |                  |                 |                  |
|                                     | 150               | 68.1           | 13,130*          | 70.1            | 11,400*          | 71.9            | 10,190*          |                                     | 80                | 78.9           | 12,610*          | 81.4            | 10,410*          |                 |                  |
|                                     | 160               | 66.4           | 12,800*          | 68.4            | 11,130*          | 70.2            | 10,000*          |                                     | 90                | 77.3           | 12,140*          | 79.7            | 9,980*           |                 |                  |
|                                     | 170               | 64.7           | 12,410*          | 66.7            | 10,880*          | 68.5            | 9,840*           |                                     | 100               | 75.6           | 11,610*          | 78.0            | 9,610*           | 80.3            | 8,240*           |
|                                     | 180               | 63.0           | 12,050*          | 64.9            | 10,670*          | 66.7            | 9,680*           |                                     | 110               | 73.9           | 11,110*          | 76.3            | 9,260*           | 78.6            | 7,980*           |
|                                     | 190               | 61.2           | 11,740*          | 63.2            | 10,420*          | 64.9            | 9,520*           |                                     | 120               | 72.2           | 10,650*          | 74.6            | 8,980*           | 76.8            | 7,790*           |
|                                     | 200               | 59.4           | 11,320           | 61.4            | 10,220*          | 63.1            | 9,410*           |                                     | 130               | 70.4           | 10,210*          | 72.8            | 8,680*           | 75.1            | 7,580*           |
|                                     | 210               | 57.6           | 9,910            | 59.5            | 9,930            | 61.2            | 9,310*           |                                     | 140               | 68.7           | 9,830*           | 71.1            | 8,400*           | 73.3            | 7,390*           |
|                                     | 220               | 55.7           | 8,650            | 57.6            | 8,660            | 59.3            | 8,680            |                                     | 150               | 66.9           | 9,480*           | 69.3            | 8,150*           | 71.5            | 7,200*           |
| 230                                 | 53.8              | 7,490          | 55.7             | 7,500           | 57.3             | 7,520           | 160              | 65.1                                | 9,140*            | 67.5           | 7,920*           | 69.6            | 7,080*           |                 |                  |
| 240                                 | 51.8              | 6,450          | 53.7             | 6,460           | 55.3             | 6,480           | 170              | 63.3                                | 8,820*            | 65.6           | 7,710*           | 67.8            | 6,930*           |                 |                  |
| 250                                 | 49.8              | 5,500          | 51.7             | 5,510           | 53.2             | 5,530           | 180              | 61.4                                | 8,550*            | 63.8           | 7,530*           | 65.9            | 6,780*           |                 |                  |
| 260                                 | 47.7              | 4,620          | 49.6             | 4,630           | 51.1             | 4,660           | 190              | 59.5                                | 8,280*            | 61.8           | 7,350*           | 63.9            | 6,680*           |                 |                  |
| 270                                 | 45.6              | 3,830          | 47.4             | 3,840           | 48.9             | 3,860           | 200              | 57.6                                | 8,060*            | 59.9           | 7,200*           | 61.9            | 6,570*           |                 |                  |
| 280                                 | 43.3              | 3,090          | 45.1             | 3,100           | 46.6             | 3,130           | 210              | 55.6                                | 7,810*            | 57.9           | 7,030*           | 59.9            | 6,490*           |                 |                  |



**LIFT RATINGS IN POUNDS (continued)**

**With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib**

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 260' (con't)                        | 220               | 53.6           | 7,640*           | 55.8            | 6,920*           | 57.8            | 6,400*           |
|                                     | 230               | 51.5           | 7,430*           | 53.7            | 6,790*           | 55.7            | 6,350*           |
|                                     | 240               | 49.3           | 7,270*           | 51.6            | 6,690*           | 53.4            | 6,300*           |
|                                     | 250               | 47.1           | 7,140*           | 49.3            | 6,590*           | 51.1            | 6,260*           |
|                                     | 260               | 44.8           | 6,320            | 47.0            | 6,340            | 48.7            | 6,220*           |
| 90' (27.4M) JIB & 270' (82.3M) BOOM | 63                | 82.0           | 13,450*          |                 |                  |                 |                  |
|                                     | 70                | 80.9           | 13,110*          |                 |                  |                 |                  |
|                                     | 80                | 79.2           | 12,660*          | 81.6            | 10,430*          |                 |                  |
|                                     | 90                | 77.6           | 12,190*          | 80.0            | 10,000*          |                 |                  |
|                                     | 100               | 76.0           | 11,710*          | 78.4            | 9,660*           | 80.6            | 8,210*           |
|                                     | 110               | 74.3           | 11,220*          | 76.7            | 9,310*           | 78.9            | 7,990*           |
|                                     | 120               | 72.7           | 10,720*          | 75.0            | 8,990*           | 77.2            | 7,760*           |
|                                     | 130               | 71.0           | 10,310*          | 73.3            | 8,690*           | 75.5            | 7,590*           |
|                                     | 140               | 69.3           | 9,940*           | 71.6            | 8,430*           | 73.8            | 7,410*           |
|                                     | 150               | 67.6           | 9,580*           | 69.9            | 8,190*           | 72.0            | 7,230*           |
|                                     | 160               | 65.8           | 9,220*           | 68.1            | 7,950*           | 70.3            | 7,070*           |
|                                     | 170               | 64.1           | 8,930*           | 66.4            | 7,770*           | 68.5            | 6,910*           |
|                                     | 180               | 62.3           | 8,620*           | 64.6            | 7,580*           | 66.6            | 6,800*           |
|                                     | 190               | 60.4           | 8,360*           | 62.7            | 7,400*           | 64.8            | 6,690*           |
|                                     | 200               | 58.6           | 8,140*           | 60.8            | 7,220*           | 62.8            | 6,580*           |
|                                     | 210               | 56.7           | 7,930*           | 58.9            | 7,070*           | 60.9            | 6,480*           |
|                                     | 220               | 54.7           | 7,690*           | 57.0            | 6,940*           | 58.9            | 6,400*           |
|                                     | 230               | 52.7           | 7,520*           | 55.0            | 6,830*           | 56.8            | 6,340*           |
| 240                                 | 50.7              | 7,340*         | 52.9             | 6,730*          | 54.7             | 6,270*          |                  |
| 250                                 | 48.6              | 6,640          | 50.7             | 6,610*          | 52.5             | 6,220*          |                  |
| 260                                 | 46.4              | 5,770          | 48.5             | 5,780           | 50.3             | 5,810           |                  |
| 270                                 | 44.1              | 4,960          | 46.2             | 4,980           | 47.9             | 5,010           |                  |
| 90' (27.4M) JIB & 280' (85.3M) BOOM | 65                | 81.9           | 13,340*          |                 |                  |                 |                  |
|                                     | 70                | 81.1           | 13,120*          |                 |                  |                 |                  |
|                                     | 80                | 79.5           | 12,650*          | 81.9            | 10,430*          |                 |                  |
|                                     | 90                | 78.0           | 12,220*          | 80.3            | 10,030*          |                 |                  |
|                                     | 100               | 76.4           | 11,830*          | 78.7            | 9,690*           | 80.9            | 8,220*           |
|                                     | 110               | 74.8           | 11,280*          | 77.1            | 9,350*           | 79.2            | 7,990*           |
|                                     | 120               | 73.2           | 10,830*          | 75.5            | 9,050*           | 77.6            | 7,790*           |
|                                     | 130               | 71.5           | 10,420*          | 73.8            | 8,750*           | 75.9            | 7,590*           |
|                                     | 140               | 69.9           | 10,000*          | 72.2            | 8,490*           | 74.3            | 7,390*           |
|                                     | 150               | 68.2           | 9,630*           | 70.5            | 8,230*           | 72.6            | 7,230*           |
|                                     | 160               | 66.5           | 9,310*           | 68.8            | 8,020*           | 70.8            | 7,070*           |
|                                     | 170               | 64.8           | 9,020*           | 67.1            | 7,810*           | 69.1            | 6,930*           |
|                                     | 180               | 63.1           | 8,740*           | 65.3            | 7,590*           | 67.3            | 6,820*           |
|                                     | 190               | 61.3           | 8,470*           | 63.5            | 7,410*           | 65.5            | 6,700*           |
|                                     | 200               | 59.5           | 8,200*           | 61.7            | 7,260*           | 63.7            | 6,570*           |
|                                     | 210               | 57.7           | 7,980*           | 59.9            | 7,120*           | 61.8            | 6,490*           |
|                                     | 220               | 55.8           | 7,770*           | 58.0            | 6,980*           | 59.9            | 6,410*           |
|                                     | 230               | 53.9           | 7,590*           | 56.1            | 6,840*           | 57.9            | 6,320*           |
| 240                                 | 52.0              | 7,200          | 54.1             | 6,740*          | 55.9             | 6,270*          |                  |
| 250                                 | 49.9              | 6,250          | 52.1             | 6,260           | 53.8             | 6,220*          |                  |
| 260                                 | 47.9              | 5,370          | 50.0             | 5,380           | 51.7             | 5,410           |                  |
| 270                                 | 45.7              | 4,580          | 47.8             | 4,590           | 49.5             | 4,620           |                  |
| 280                                 | 43.5              | 3,850          | 45.5             | 3,860           | 47.1             | 3,890           |                  |
| 90' (27.4M) JIB & 290' (88.4M) BOOM | 66                | 81.9           | 13,290*          |                 |                  |                 |                  |
|                                     | 70                | 81.3           | 13,130*          |                 |                  |                 |                  |
|                                     | 80                | 79.8           | 12,650*          |                 |                  |                 |                  |
|                                     | 90                | 78.3           | 12,260*          | 80.5            | 10,040*          |                 |                  |
|                                     | 100               | 76.7           | 11,830*          | 79.0            | 9,690*           | 81.1            | 8,190*           |
|                                     | 110               | 75.2           | 11,380*          | 77.4            | 9,350*           | 79.5            | 7,990*           |
|                                     | 120               | 73.6           | 10,920*          | 75.8            | 9,060*           | 77.9            | 7,790*           |
|                                     | 130               | 72.0           | 10,490*          | 74.3            | 8,760*           | 76.3            | 7,590*           |
|                                     | 140               | 70.4           | 10,110*          | 72.7            | 8,530*           | 74.7            | 7,390*           |
|                                     | 150               | 68.8           | 9,740*           | 71.0            | 8,270*           | 73.1            | 7,230*           |
|                                     | 160               | 67.2           | 9,410*           | 69.4            | 8,020*           | 71.4            | 7,080*           |
|                                     | 170               | 65.5           | 9,070*           | 67.7            | 7,830*           | 69.7            | 6,950*           |
|                                     | 180               | 63.9           | 8,810*           | 66.0            | 7,650*           | 68.0            | 6,800*           |
|                                     | 190               | 62.2           | 8,540*           | 64.3            | 7,460*           | 66.3            | 6,680*           |
|                                     | 200               | 60.4           | 8,280*           | 62.6            | 7,280*           | 64.5            | 6,580*           |
|                                     | 210               | 58.7           | 8,060*           | 60.8            | 7,140*           | 62.7            | 6,500*           |
|                                     | 220               | 56.9           | 7,840*           | 59.0            | 6,990*           | 60.8            | 6,400*           |
|                                     | 230               | 55.0           | 7,670*           | 57.1            | 6,890*           | 59.0            | 6,320*           |
| 240                                 | 53.1              | 6,670          | 55.2             | 6,680           | 57.0             | 6,260*          |                  |
| 250                                 | 51.2              | 5,710          | 53.3             | 5,720           | 55.0             | 5,740           |                  |
| 260                                 | 49.2              | 4,840          | 51.3             | 4,850           | 53.0             | 4,880           |                  |
| 270                                 | 47.2              | 4,030          | 49.2             | 4,040           | 50.9             | 4,070           |                  |
| 280                                 | 45.1              | 3,300          | 47.1             | 3,310           | 48.7             | 3,340           |                  |
| 290                                 | 42.8              | 2,620          | 44.8             | 2,630           | 46.4             | 2,660           |                  |

| Boom and Jib Length                  | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|--------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                      |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 100' (30.5M) JIB & 250' (76.2M) BOOM | 63                | 81.9           | 10,240*          |                 |                  |                 |                  |
|                                      | 70                | 80.7           | 9,810*           |                 |                  |                 |                  |
|                                      | 80                | 79.1           | 9,270*           | 81.8            | 7,330*           |                 |                  |
|                                      | 90                | 77.4           | 8,730*           | 80.1            | 6,990*           |                 |                  |
|                                      | 100               | 75.7           | 8,290*           | 78.4            | 6,710*           | 81.0            | 5,600*           |
|                                      | 110               | 74.0           | 7,860*           | 76.7            | 6,410*           | 79.3            | 5,420*           |
|                                      | 120               | 72.3           | 7,500*           | 75.0            | 6,160*           | 77.5            | 5,240*           |
|                                      | 130               | 70.6           | 7,150*           | 73.3            | 5,940*           | 75.8            | 5,060*           |
|                                      | 140               | 68.8           | 6,820*           | 71.5            | 5,720*           | 74.0            | 4,920*           |
|                                      | 150               | 67.0           | 6,550*           | 69.7            | 5,520*           | 72.2            | 4,780*           |
|                                      | 160               | 65.2           | 6,290*           | 67.9            | 5,350*           | 70.3            | 4,660*           |
|                                      | 170               | 63.4           | 6,040*           | 66.0            | 5,170*           | 68.4            | 4,540*           |
|                                      | 180               | 61.5           | 5,820*           | 64.2            | 5,020*           | 66.5            | 4,460*           |
| 190                                  | 59.6              | 5,620*         | 62.3             | 4,880*          | 64.6             | 4,350*          |                  |
| 200                                  | 57.7              | 5,430*         | 60.3             | 4,770*          | 62.6             | 4,280*          |                  |
| 210                                  | 55.7              | 5,260*         | 58.3             | 4,640*          | 60.6             | 4,200*          |                  |
| 220                                  | 53.7              | 5,100*         | 56.2             | 4,540*          | 58.5             | 4,150*          |                  |
| 230                                  | 51.6              | 4,950*         | 54.1             | 4,460*          | 56.3             | 4,090*          |                  |
| 240                                  | 49.5              | 4,830*         | 52.0             | 4,380*          | 54.1             | 4,070*          |                  |
| 250                                  | 47.2              | 4,720*         | 49.7             | 4,310*          | 51.8             | 4,040*          |                  |
| 100' (30.5M) JIB & 260' (79.2M) BOOM | 64                | 82.0           | 10,210*          |                 |                  |                 |                  |
|                                      | 70                | 81.0           | 9,860*           |                 |                  |                 |                  |
|                                      | 80                | 79.4           | 9,300*           |                 |                  |                 |                  |
|                                      | 90                | 77.8           | 8,790*           | 80.4            | 7,000*           |                 |                  |
|                                      | 100               | 76.1           | 8,340*           | 78.8            | 6,710*           | 81.3            | 5,580*           |
|                                      | 110               | 74.5           | 7,920*           | 77.1            | 6,440*           | 79.6            | 5,400*           |
|                                      | 120               | 72.8           | 7,550*           | 75.4            | 6,190*           | 77.9            | 5,220*           |
|                                      | 130               | 71.1           | 7,230*           | 73.7            | 5,970*           | 76.2            | 5,060*           |
|                                      | 140               | 69.4           | 6,890*           | 72.0            | 5,740*           | 74.5            | 4,920*           |
|                                      | 150               | 67.7           | 6,620*           | 70.3            | 5,550*           | 72.7            | 4,790*           |
|                                      | 160               | 66.0           | 6,340*           | 68.6            | 5,370*           | 70.9            | 4,670*           |
|                                      | 170               | 64.2           | 6,100*           | 66.8            | 5,190*           | 69.1            | 4,550*           |
|                                      | 180               | 62.4           | 5,890*           | 65.0            | 5,050*           | 67.3            | 4,450*           |
| 190                                  | 60.6              | 5,670*         | 63.1             | 4,910*          | 65.4             | 4,360*          |                  |
| 200                                  | 58.7              | 5,480*         | 61.2             | 4,780*          | 63.5             | 4,270*          |                  |
| 210                                  | 56.8              | 5,320*         | 59.3             | 4,650*          | 61.5             | 4,190*          |                  |
| 220                                  | 54.9              | 5,160*         | 57.4             | 4,550*          | 59.5             | 4,130*          |                  |
| 230                                  | 52.9              | 5,000*         | 55.3             | 4,470*          | 57.5             | 4,080*          |                  |
| 240                                  | 50.8              | 4,870*         | 53.3             | 4,390*          | 55.4             | 4,050*          |                  |
| 250                                  | 48.7              | 4,770*         | 51.1             | 4,320*          | 53.2             | 4,000*          |                  |
| 260                                  | 46.5              | 4,650*         | 48.9             | 4,250*          | 50.9             | 4,000*          |                  |
| 100' (30.5M) JIB & 270' (82.3M) BOOM | 66                | 81.9           | 10,140*          |                 |                  |                 |                  |
|                                      | 70                | 81.2           | 9,890*           |                 |                  |                 |                  |
|                                      | 80                | 79.7           | 9,360*           |                 |                  |                 |                  |
|                                      | 90                | 78.1           | 8,850*           | 80.7            | 7,040*           |                 |                  |
|                                      | 100               | 76.5           | 8,390*           | 79.1            | 6,710*           | 81.5            | 5,570*           |
|                                      | 110               | 74.9           | 8,000*           | 77.5            | 6,470*           | 79.9            | 5,390*           |
|                                      | 120               | 73.3           | 7,630*           | 75.8            | 6,210*           | 78.2            | 5,210*           |
|                                      | 130               | 71.7           | 7,290*           | 74.2            | 5,960*           | 76.6            | 5,060*           |
|                                      | 140               | 70.0           | 6,940*           | 72.6            | 5,760*           | 74.9            | 4,910*           |
|                                      | 150               | 68.3           | 6,660*           | 70.9            | 5,570*           | 73.2            | 4,770*           |
|                                      | 160               | 66.7           | 6,380*           | 69.2            | 5,380*           | 71.5            | 4,640*           |
|                                      | 170               | 65.0           | 6,170*           | 67.5            | 5,220*           | 69.7            | 4,530*           |
|                                      | 180               | 63.2           | 5,920*           | 65.7            | 5,050*           | 68.0            | 4,440*           |
| 190                                  | 61.5              | 5,710*         | 63.9             | 4,910*          | 66.2             | 4,350*          |                  |
| 200                                  | 59.7              | 5,540*         | 62.1             | 4,800*          | 64.3             | 4,270*          |                  |
| 210                                  | 57.8              | 5,340*         | 60.3             | 4,660*          | 62.4             | 4,180*          |                  |
| 220                                  | 56.0              | 5,180*         | 58.4             | 4,580*          | 60.5             | 4,120*          |                  |
| 230                                  | 54.1              | 5,050*         | 56.5             | 4,480*          | 58.6             | 4,060*          |                  |
| 240                                  | 52.1              | 4,920*         | 54.5             | 4,400*          | 56.5             | 4,030*          |                  |
| 250                                  | 50.1              | 4,790*         | 52.4             | 4,320*          | 54.5             | 3,980*          |                  |
| 260                                  | 48.0              | 4,700*         | 50.3             | 4,250*          | 52.3             | 3,970*          |                  |
| 270                                  | 45.8              | 4,580*         | 48.2             | 4,200*          | 50.1             | 3,960*          |                  |
| 100' (30.5M) JIB & 280' (85.3M) BOOM | 67                | 81.9           | 10,110*          |                 |                  |                 |                  |
|                                      | 70                | 81.5           | 9,940*           |                 |                  |                 |                  |
|                                      | 80                | 79.9           | 9,390*           |                 |                  |                 |                  |
|                                      | 90                | 78.4           | 8,930*           | 80.9            | 7,010*           |                 |                  |
|                                      | 100               | 76.9           | 8,470*           | 79.4            | 6,730*           | 81.8            | 5,540*           |
|                                      | 110               | 75.3           | 8,040*           | 77.8            | 6,450*           | 80.2            | 5,360*           |
|                                      | 120               | 73.7           | 7,670*           | 76.2            | 6,220*           | 78.6            | 5,200*           |
|                                      | 130               | 72.2           | 7,340*           | 74.6            | 5,970*           | 77.0            | 5,050*           |
|                                      | 140               | 70.6           | 7,030*           | 73.0            | 5,770*           | 75.3            | 4,900*           |
|                                      | 150               | 68.9           | 6,740*           | 71.4            | 5,570*           | 73.7            | 4,760*           |
|                                      | 160               | 67.3           | 6,450*           | 69.8            | 5,390*           | 72.0            | 4,640*           |



**LIFT RATINGS IN POUNDS (continued)**

**With 92HI Offset Tip Boom and 172,000 Pound Counterweight, 16HL Jib**

| Boom and Jib Length                  | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|--------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                      |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 280' (con't)                         | 170               | 65.7           | 6,200*           | 68.1            | 5,220*           | 70.3            | 4,530*           |
|                                      | 180               | 64.0           | 5,990*           | 66.4            | 5,080*           | 68.6            | 4,440*           |
|                                      | 190               | 62.3           | 5,780*           | 64.7            | 4,940*           | 66.9            | 4,350*           |
|                                      | 200               | 60.6           | 5,590*           | 63.0            | 4,800*           | 65.1            | 4,260*           |
|                                      | 210               | 58.8           | 5,400*           | 61.2            | 4,680*           | 63.3            | 4,170*           |
|                                      | 220               | 57.0           | 5,230*           | 59.4            | 4,570*           | 61.5            | 4,110*           |
|                                      | 230               | 55.2           | 5,100*           | 57.5            | 4,490*           | 59.6            | 4,050*           |
|                                      | 240               | 53.3           | 4,950*           | 55.6            | 4,410*           | 57.6            | 4,000*           |
|                                      | 250               | 51.3           | 4,850*           | 53.7            | 4,330*           | 55.6            | 3,960*           |
|                                      | 260               | 49.4           | 4,720*           | 51.7            | 4,260*           | 53.6            | 3,940*           |
|                                      | 270               | 47.3           | 4,630*           | 49.6            | 4,200*           | 51.5            | 3,910*           |
|                                      | 280               | 45.2           | 4,050            | 47.4            | 4,060            | 49.3            | 3,910*           |
| 100' (30.5M) JIB & 290' (88.4M) BOOM | 68                | 82.0           | 10,090*          |                 |                  |                 |                  |
|                                      | 70                | 81.7           | 9,970*           |                 |                  |                 |                  |
|                                      | 80                | 80.2           | 9,450*           |                 |                  |                 |                  |
|                                      | 90                | 78.7           | 8,970*           | 81.2            | 7,010*           |                 |                  |
| 290' (88.4M) BOOM                    | 100               | 77.2           | 8,510*           | 79.7            | 6,750*           | 82.0            | 5,520*           |
|                                      | 110               | 75.7           | 8,080*           | 78.1            | 6,460*           | 80.4            | 5,350*           |
|                                      | 120               | 74.2           | 7,720*           | 76.6            | 6,230*           | 78.9            | 5,180*           |

| Boom and Jib Length | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|---------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 290' (con't)        | 130               | 72.6           | 7,380*           | 75.1            | 5,980*           | 77.3            | 5,040*           |
|                     | 140               | 71.1           | 7,050*           | 73.5            | 5,790*           | 75.7            | 4,880*           |
|                     | 150               | 69.5           | 6,790*           | 71.9            | 5,590*           | 74.1            | 4,750*           |
|                     | 160               | 67.9           | 6,530*           | 70.3            | 5,400*           | 72.5            | 4,620*           |
|                     | 170               | 66.3           | 6,270*           | 68.7            | 5,250*           | 70.9            | 4,520*           |
|                     | 180               | 64.7           | 6,020*           | 67.1            | 5,080*           | 69.2            | 4,430*           |
|                     | 190               | 63.1           | 5,810*           | 65.4            | 4,940*           | 67.5            | 4,320*           |
|                     | 200               | 61.4           | 5,630*           | 63.7            | 4,830*           | 65.8            | 4,250*           |
|                     | 210               | 59.7           | 5,460*           | 62.0            | 4,690*           | 64.1            | 4,160*           |
|                     | 220               | 58.0           | 5,290*           | 60.3            | 4,580*           | 62.3            | 4,100*           |
|                     | 230               | 56.2           | 5,130*           | 58.5            | 4,500*           | 60.5            | 4,040*           |
|                     | 240               | 54.4           | 4,990*           | 56.7            | 4,400*           | 58.6            | 3,980*           |
|                     | 250               | 52.5           | 4,860*           | 54.8            | 4,340*           | 56.7            | 3,950*           |
|                     | 260               | 50.6           | 4,760*           | 52.9            | 4,260*           | 54.8            | 3,920*           |
|                     | 270               | 48.7           | 4,240            | 50.9            | 4,190*           | 52.8            | 3,890*           |
|                     | 280               | 46.6           | 3,500            | 48.9            | 3,520            | 50.7            | 3,550            |
|                     | 290               | 44.6           | 2,820            | 46.7            | 2,830            | 48.5            | 2,870            |



**LIFT RATINGS IN POUNDS**

**With 92HI Offset Tip Boom and 172,000 Pound Upper Counterweight, #30 Jib**

| Boom and Jib Length                 | Jib Radius (Feet)                   | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |  |
|-------------------------------------|-------------------------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|--|
|                                     |                                     | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |  |
| 35' (10.7M) JIB & 90' (27.4M) BOOM  | 27                                  | 81.6           | 60,000*          |                 |                  |                 |                  |  |
|                                     | 30                                  | 80.2           | 60,000*          |                 |                  |                 |                  |  |
|                                     | 35                                  | 77.9           | 60,000*          | 80.6            | 60,000*          |                 |                  |  |
|                                     | 40                                  | 75.6           | 60,000*          | 78.2            | 60,000*          | 80.7            | 60,000*          |  |
|                                     | 50                                  | 70.9           | 60,000*          | 73.5            | 60,000*          | 75.9            | 54,780*          |  |
|                                     | 60                                  | 65.9           | 60,000*          | 68.5            | 60,000*          | 70.9            | 48,790*          |  |
|                                     | 70                                  | 60.8           | 60,000*          | 63.4            | 57,480*          | 65.6            | 44,090*          |  |
| 35' (10.7M) JIB & 100' (30.5M) BOOM | 80                                  | 55.4           | 60,000*          | 57.9            | 51,220*          | 60.1            | 40,500*          |  |
|                                     | 90                                  | 49.6           | 54,310*          | 52.1            | 46,420*          | 54.1            | 40,500*          |  |
|                                     | 28                                  | 81.8           | 60,000*          |                 |                  |                 |                  |  |
|                                     | 30                                  | 81.0           | 60,000*          |                 |                  |                 |                  |  |
| 35' (10.7M) JIB & 160' (48.8M) BOOM | 35                                  | 78.8           | 60,000*          | 81.3            | 60,000*          |                 |                  |  |
|                                     | 40                                  | 76.7           | 60,000*          | 79.1            | 60,000*          | 81.4            | 60,000*          |  |
|                                     | 50                                  | 72.3           | 60,000*          | 74.7            | 60,000*          | 77.0            | 57,490*          |  |
|                                     | 60                                  | 67.8           | 60,000*          | 70.2            | 60,000*          | 72.4            | 51,390*          |  |
|                                     | 70                                  | 63.2           | 60,000*          | 65.5            | 60,000*          | 67.7            | 46,570*          |  |
|                                     | 80                                  | 58.3           | 60,000*          | 60.6            | 55,050*          | 62.7            | 42,660*          |  |
|                                     | 90                                  | 53.2           | 57,590           | 55.4            | 49,710*          | 57.4            | 40,590*          |  |
| 100                                 | 47.6                                | 50,100         | 49.8             | 45,540*         | 51.7             | 40,470*         |                  |  |
| 35' (10.7M) JIB & 110' (33.5M) BOOM | 29                                  | 82.0           | 60,000*          |                 |                  |                 |                  |  |
|                                     | 30                                  | 81.6           | 60,000*          |                 |                  |                 |                  |  |
|                                     | 35                                  | 79.6           | 60,000*          | 81.9            | 60,000*          |                 |                  |  |
|                                     | 40                                  | 77.6           | 60,000*          | 79.9            | 60,000*          |                 |                  |  |
|                                     | 50                                  | 73.6           | 60,000*          | 75.8            | 60,000*          | 77.9            | 59,740*          |  |
|                                     | 60                                  | 69.4           | 60,000*          | 71.7            | 60,000*          | 73.7            | 53,610*          |  |
|                                     | 70                                  | 65.1           | 60,000*          | 67.4            | 60,000*          | 69.4            | 48,670*          |  |
| 35' (10.7M) JIB & 120' (36.6M) BOOM | 80                                  | 60.7           | 60,000*          | 62.9            | 57,340*          | 64.8            | 44,800*          |  |
|                                     | 90                                  | 56.1           | 57,040           | 58.2            | 52,700*          | 60.1            | 41,640*          |  |
|                                     | 100                                 | 51.2           | 49,540           | 53.3            | 48,500*          | 55.0            | 40,580*          |  |
|                                     | 110                                 | 45.8           | 43,540           | 47.9            | 43,550           | 49.5            | 40,570*          |  |
| 35' (10.7M) JIB & 140' (42.7M) BOOM | 31                                  | 81.7           | 60,000*          |                 |                  |                 |                  |  |
|                                     | 35                                  | 80.3           | 60,000*          |                 |                  |                 |                  |  |
|                                     | 40                                  | 78.4           | 60,000*          | 80.5            | 60,000*          | 78.7            | 59,980*          |  |
|                                     | 50                                  | 74.6           | 60,000*          | 76.8            | 60,000*          | 74.8            | 55,680*          |  |
|                                     | 60                                  | 70.8           | 60,000*          | 72.9            | 60,000*          | 70.8            | 50,810*          |  |
|                                     | 70                                  | 66.8           | 60,000*          | 68.9            | 60,000*          | 66.7            | 46,830*          |  |
|                                     | 80                                  | 62.8           | 60,000*          | 64.8            | 59,790*          | 62.3            | 43,490*          |  |
| 35' (10.7M) JIB & 150' (45.7M) BOOM | 90                                  | 58.5           | 56,490           | 60.6            | 54,840*          | 57.8            | 40,660*          |  |
|                                     | 100                                 | 54.1           | 48,980           | 56.1            | 48,980           | 52.9            | 40,440*          |  |
|                                     | 110                                 | 49.3           | 42,980           | 51.3            | 42,980           | 47.6            | 38,340           |  |
|                                     | 120                                 | 44.2           | 38,330           | 46.1            | 38,330           |                 |                  |  |
| 35' (10.7M) JIB & 130' (39.6M) BOOM | 32                                  | 81.9           | 60,000*          |                 |                  |                 |                  |  |
|                                     | 35                                  | 80.9           | 60,000*          |                 |                  |                 |                  |  |
|                                     | 40                                  | 79.1           | 60,000*          | 81.1            | 60,000*          | 79.4            | 59,930*          |  |
|                                     | 50                                  | 75.6           | 60,000*          | 77.6            | 60,000*          | 75.8            | 57,570*          |  |
|                                     | 60                                  | 72.0           | 60,000*          | 74.0            | 60,000*          | 72.1            | 52,530*          |  |
|                                     | 70                                  | 68.3           | 60,000*          | 70.3            | 60,000*          | 68.2            | 48,500*          |  |
|                                     | 80                                  | 64.5           | 60,000*          | 66.5            | 60,000*          | 64.2            | 45,100*          |  |
| 35' (10.7M) JIB & 150' (45.7M) BOOM | 90                                  | 60.6           | 56,300           | 62.5            | 56,310           | 60.1            | 42,420*          |  |
|                                     | 100                                 | 56.6           | 48,790           | 58.4            | 48,800           | 55.7            | 40,540*          |  |
|                                     | 110                                 | 52.3           | 42,790           | 54.1            | 42,790           | 51.0            | 38,170           |  |
|                                     | 120                                 | 47.7           | 38,170           | 49.5            | 38,170           | 45.9            | 34,070           |  |
|                                     | 130                                 | 42.8           | 34,060           | 44.5            | 34,060           |                 |                  |  |
|                                     | 35' (10.7M) JIB & 140' (42.7M) BOOM | 34             | 81.7             | 60,000*         |                  |                 |                  |  |
|                                     |                                     | 35             | 81.4             | 60,000*         |                  |                 |                  |  |
| 40                                  |                                     | 79.7           | 60,000*          | 81.6            | 60,000*          | 80.1            | 59,880*          |  |
| 50                                  |                                     | 76.4           | 60,000*          | 78.3            | 60,000*          | 76.6            | 59,120*          |  |
| 60                                  |                                     | 73.0           | 60,000*          | 74.9            | 60,000*          | 73.2            | 54,310*          |  |
| 70                                  |                                     | 69.6           | 60,000*          | 71.5            | 60,000*          | 69.6            | 50,140*          |  |
| 80                                  |                                     | 66.1           | 60,000*          | 67.9            | 60,000*          | 65.9            | 46,770*          |  |
| 35' (10.7M) JIB & 150' (45.7M) BOOM | 90                                  | 62.5           | 55,770           | 64.3            | 55,770           | 62.1            | 43,920*          |  |
|                                     | 100                                 | 58.7           | 48,260           | 60.5            | 48,260           | 58.0            | 41,540*          |  |
|                                     | 110                                 | 54.8           | 42,250           | 56.5            | 42,250           | 53.8            | 37,650           |  |
|                                     | 120                                 | 50.6           | 37,650           | 52.4            | 37,650           | 49.3            | 33,560           |  |
|                                     | 130                                 | 46.2           | 33,550           | 47.9            | 33,550           | 44.4            | 30,080           |  |
|                                     | 140                                 | 41.5           | 30,070           | 43.1            | 30,080           |                 |                  |  |
|                                     | 35' (10.7M) JIB & 200' (61.0M) BOOM | 35             | 81.8             | 60,000*         |                  |                 |                  |  |
| 40                                  |                                     | 80.3           | 60,000*          |                 |                  |                 |                  |  |
| 50                                  |                                     | 77.2           | 60,000*          | 78.9            | 60,000*          | 80.6            | 59,830*          |  |
| 60                                  |                                     | 74.0           | 60,000*          | 75.8            | 60,000*          | 77.4            | 59,830*          |  |
| 70                                  |                                     | 70.7           | 60,000*          | 72.5            | 60,000*          | 74.1            | 55,810*          |  |
| 80                                  |                                     | 67.4           | 60,000*          | 69.2            | 60,000*          | 70.8            | 51,710*          |  |
| 90                                  |                                     | 64.1           | 55,190           | 65.8            | 55,190           | 67.3            | 48,280*          |  |

| Boom and Jib Length                 | Jib Radius (Feet)                   | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                                     | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 150' BOOM (con't)                   | 100                                 | 60.6           | 47,660           | 62.3            | 47,670           | 63.8            | 45,280*          |
|                                     | 110                                 | 56.9           | 41,650           | 58.6            | 41,660           | 60.1            | 41,670           |
|                                     | 120                                 | 53.2           | 37,090           | 54.8            | 37,090           | 56.2            | 37,090           |
|                                     | 130                                 | 49.2           | 32,970           | 50.8            | 32,980           | 52.1            | 32,980           |
|                                     | 140                                 | 44.9           | 29,510           | 46.5            | 29,510           | 47.7            | 29,520           |
|                                     | 150                                 | 40.3           | 26,530           | 41.8            | 26,540           | 43.0            | 26,540           |
| 35' (10.7M) JIB & 160' (48.8M) BOOM | 36                                  | 82.0           | 60,000*          |                 |                  |                 |                  |
|                                     | 40                                  | 80.8           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                                  | 77.8           | 60,000*          | 79.5            | 60,000*          | 81.1            | 59,790*          |
|                                     | 60                                  | 74.8           | 60,000*          | 76.5            | 60,000*          | 78.1            | 59,790*          |
|                                     | 70                                  | 71.8           | 60,000*          | 73.4            | 60,000*          | 75.0            | 57,170*          |
|                                     | 80                                  | 68.7           | 60,000*          | 70.3            | 60,000*          | 71.8            | 53,180*          |
|                                     | 90                                  | 65.5           | 54,640           | 67.1            | 54,650           | 68.6            | 49,740*          |
|                                     | 100                                 | 62.2           | 47,120           | 63.8            | 47,120           | 65.3            | 46,770*          |
|                                     | 110                                 | 58.8           | 41,110           | 60.4            | 41,110           | 61.8            | 41,120           |
|                                     | 120                                 | 55.3           | 36,560           | 56.9            | 36,560           | 58.3            | 36,560           |
| 35' (10.7M) JIB & 170' (51.8M) BOOM | 130                                 | 51.7           | 32,450           | 53.2            | 32,460           | 54.5            | 32,460           |
|                                     | 140                                 | 47.8           | 28,970           | 49.3            | 28,980           | 50.6            | 28,980           |
|                                     | 150                                 | 43.7           | 26,000           | 45.1            | 26,000           | 46.3            | 26,010           |
|                                     | 160                                 | 39.2           | 23,430           | 40.6            | 23,430           | 41.7            | 23,440           |
|                                     | 38                                  | 81.8           | 60,000*          |                 |                  |                 |                  |
|                                     | 40                                  | 81.2           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                                  | 78.4           | 60,000*          | 80.0            | 60,000*          | 81.6            | 59,740*          |
|                                     | 60                                  | 75.6           | 60,000*          | 77.2            | 60,000*          | 78.7            | 59,740*          |
|                                     | 70                                  | 72.7           | 60,000*          | 74.3            | 60,000*          | 75.7            | 58,720*          |
|                                     | 80                                  | 69.7           | 60,000*          | 71.3            | 60,000*          | 72.8            | 54,390*          |
| 35' (10.7M) JIB & 180' (54.9M) BOOM | 90                                  | 66.7           | 54,100           | 68.3            | 54,110           | 69.7            | 50,960*          |
|                                     | 100                                 | 63.7           | 46,570           | 65.2            | 46,580           | 66.6            | 46,590           |
|                                     | 110                                 | 60.5           | 40,550           | 62.0            | 40,560           | 63.4            | 40,560           |
|                                     | 120                                 | 57.2           | 36,030           | 58.8            | 36,030           | 60.1            | 36,030           |
|                                     | 130                                 | 53.8           | 31,920           | 55.3            | 31,930           | 56.6            | 31,930           |
|                                     | 140                                 | 50.3           | 28,440           | 51.8            | 28,450           | 53.0            | 28,450           |
|                                     | 150                                 | 46.5           | 25,460           | 48.0            | 25,470           | 49.1            | 25,470           |
|                                     | 160                                 | 42.5           | 22,880           | 43.9            | 22,880           | 45.0            | 22,890           |
|                                     | 170                                 | 38.2           | 20,630           | 39.5            | 20,630           | 40.5            | 20,640           |
|                                     | 35' (10.7M) JIB & 190' (57.9M) BOOM | 39             | 81.9             | 60,000*         |                  |                 |                  |
| 40                                  |                                     | 81.6           | 60,000*          |                 |                  |                 |                  |
| 50                                  |                                     | 79.0           | 60,000*          | 80.5            | 60,000*          | 82.0            | 59,690*          |
| 60                                  |                                     | 76.2           | 60,000*          | 77.8            | 60,000*          | 79.2            | 59,690*          |
| 70                                  |                                     | 73.5           | 60,000*          | 75.0            | 60,000*          | 76.4            | 59,690*          |
| 80                                  |                                     | 70.7           | 60,000*          | 72.2            | 60,000*          | 73.6            | 55,740*          |
| 90                                  |                                     | 67.9           | 53,820           | 69.4            | 53,830           | 70.7            | 52,200*          |
| 100                                 |                                     | 65.0           | 46,290           | 66.5            | 46,300           | 67.8            | 46,310           |
| 110                                 |                                     | 62.0           | 40,270           | 63.5            | 40,270           | 64.8            | 40,280           |
| 120                                 |                                     | 58.9           | 35,780           | 60.4            | 35,780           | 61.7            | 35,790           |
| 35' (10.7M) JIB & 200' (61.0M) BOOM | 130                                 | 55.8           | 31,670           | 57.2            | 31,670           | 58.4            | 31,670           |
|                                     | 140                                 | 52.5           | 28,190           | 53.9            | 28,200           | 55.1            | 28,200           |
|                                     | 150                                 | 49.0           | 25,210           | 50.4            | 25,220           | 51.5            | 25,220           |
|                                     | 160                                 | 45.4           | 22,630           | 46.7            | 22,640           | 47.8            | 22,640           |
|                                     | 170                                 | 41.5           | 20,380           | 42.8            | 20,380           | 43.8            | 20,390           |
|                                     | 180                                 | 37.2           | 18,390           | 38.5            | 18,390           | 39.4            | 18,400           |
|                                     | 41                                  | 81.8           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                                  | 79.5           | 60,000*          | 80.9            | 60,000*          |                 |                  |
|                                     | 60                                  | 76.9           | 60,000*          | 78.3            | 60,000*          | 79.7            | 59,650*          |
|                                     | 70                                  | 74.3           | 60,000*          | 75.7            | 60,000*          | 77.1            | 59,650*          |
| 80                                  | 71.6                                | 60,000*        | 73.0             | 60,000*         | 74.4             | 56,860*         |                  |
| 90                                  | 68.9                                | 53,300         | 70.3             | 53,300          | 71.6             | 53,310          |                  |
| 35' (10.7M) JIB & 200' (61.0M) BOOM | 100                                 | 66.2           | 45,760           | 67.6            | 45,760           | 68.9            | 45,770           |
|                                     | 110                                 | 63.3           | 40,210           | 64.8            | 40,210           | 66.0            | 40,220           |
|                                     | 120                                 | 60.5           | 35,270           | 61.9            | 35,270           | 63.1            | 35,280           |
|                                     | 130                                 | 57.5           | 31,160           | 58.9            | 31,160           | 60.1            | 31,160           |
|                                     | 140                                 | 54.4           | 27,670           | 55.8            | 27,680           | 56.9            | 27,680           |
|                                     | 150                                 | 51.2           | 24,700           | 52.5            | 24,700           | 53.7            | 24,710           |
|                                     | 160                                 | 47.8           | 22,110           | 49.2            | 22,110           | 50.2            | 22,120           |
|                                     | 170                                 | 44.3           | 19,860           | 45.6            | 19,860           | 46.6            | 19,860           |
|                                     | 180                                 | 40.5           | 17,870           | 41.7            | 17,880           | 42.7            | 17,880           |
|                                     | 190                                 | 36.3           | 16,100           | 37.5            | 16,110           | 38.4            | 16,110           |
| 35' (10.7M) JIB & 200' (61.0M) BOOM | 42                                  | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                                  | 79.9           | 60,000*          | 81.3            | 60,000*          |                 |                  |
|                                     | 60                                  | 77.4           | 60,000*          | 78.8            | 60,000*          | 80.2            | 59,610*          |
|                                     | 70                                  | 74.9           | 60,000*          | 76.3            | 60,000*          | 77.6            | 59,610*          |
|                                     | 80                                  | 72.4           | 60,000*          | 73.8            | 60,000*          | 75.1            | 58,090*          |
|                                     | 90                                  | 69.8           | 52,740           | 71.2            | 52,740           | 72.5            | 52,750           |
| 100                                 | 67.2                                | 45,200         | 68.6             | 45,200          | 69.8             | 45,210          |                  |



**LIFT RATINGS IN POUNDS (continued)**

**With 92HI Offset Tip Boom and 172,000 Pound Upper Counterweight, #30 Jib**

| Boom and Jib Length                 | Jib Radius (Feet)                   | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                                     | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 200' BOOM (con't)                   | 110                                 | 64.6           | 39,660           | 65.9            | 39,670           | 67.1            | 39,670           |
|                                     | 120                                 | 61.8           | 34,730           | 63.2            | 34,730           | 64.4            | 34,730           |
|                                     | 130                                 | 59.0           | 30,610           | 60.4            | 30,610           | 61.5            | 30,620           |
|                                     | 140                                 | 56.1           | 27,120           | 57.5            | 27,130           | 58.6            | 27,130           |
|                                     | 150                                 | 53.1           | 24,140           | 54.4            | 24,140           | 55.5            | 24,150           |
|                                     | 160                                 | 50.0           | 21,560           | 51.3            | 21,560           | 52.3            | 21,570           |
|                                     | 170                                 | 46.8           | 19,300           | 48.0            | 19,310           | 49.0            | 19,310           |
|                                     | 180                                 | 43.3           | 17,310           | 44.5            | 17,310           | 45.4            | 17,320           |
|                                     | 190                                 | 39.6           | 15,540           | 40.8            | 15,550           | 41.6            | 15,550           |
|                                     | 200                                 | 35.5           | 13,970           | 36.7            | 13,970           | 37.4            | 13,980           |
|                                     | 35' (10.7M) JIB & 210' (64.0M) BOOM | 43             | 82.0             | 60,000*         |                  |                 |                  |
| 50                                  |                                     | 80.3           | 60,000*          | 81.7            | 60,000*          |                 |                  |
| 60                                  |                                     | 78.0           | 60,000*          | 79.3            | 60,000*          | 80.6            | 59,560*          |
| 70                                  |                                     | 75.6           | 60,000*          | 76.9            | 60,000*          | 78.2            | 59,560*          |
| 80                                  |                                     | 73.1           | 60,000*          | 74.5            | 60,000*          | 75.7            | 59,040*          |
| 90                                  |                                     | 70.7           | 52,210           | 72.0            | 52,210           | 73.2            | 52,220           |
| 100                                 |                                     | 68.2           | 44,670           | 69.5            | 44,670           | 70.7            | 44,680           |
| 110                                 |                                     | 65.7           | 39,150           | 67.0            | 39,150           | 68.1            | 39,150           |
| 120                                 |                                     | 63.1           | 34,210           | 64.4            | 34,210           | 65.5            | 34,220           |
| 130                                 |                                     | 60.4           | 30,080           | 61.7            | 30,080           | 62.8            | 30,090           |
| 140                                 |                                     | 57.7           | 26,610           | 59.0            | 26,610           | 60.1            | 26,610           |
| 150                                 |                                     | 54.9           | 23,620           | 56.1            | 23,620           | 57.2            | 23,630           |
| 160                                 |                                     | 52.0           | 21,030           | 53.2            | 21,030           | 54.2            | 21,040           |
| 170                                 |                                     | 48.9           | 18,770           | 50.1            | 18,770           | 51.1            | 18,780           |
| 180                                 | 45.7                                | 16,780         | 46.9             | 16,790          | 47.9             | 16,790          |                  |
| 190                                 | 42.3                                | 15,010         | 43.5             | 15,010          | 44.4             | 15,020          |                  |
| 200                                 | 38.7                                | 13,430         | 39.8             | 13,430          | 40.7             | 13,440          |                  |
| 210                                 | 34.8                                | 12,010         | 35.8             | 12,010          | 36.6             | 12,020          |                  |
| 35' (10.7M) JIB & 220' (67.1M) BOOM | 45                                  | 81.8           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                                  | 80.7           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                                  | 78.4           | 60,000*          | 79.7            | 60,000*          | 80.9            | 59,510*          |
|                                     | 70                                  | 76.1           | 60,000*          | 77.4            | 60,000*          | 78.6            | 59,510*          |
|                                     | 80                                  | 73.8           | 60,000*          | 75.1            | 60,000*          | 76.3            | 59,510*          |
|                                     | 90                                  | 71.5           | 51,680           | 72.8            | 51,680           | 73.9            | 51,690           |
|                                     | 100                                 | 69.1           | 44,130           | 70.4            | 44,130           | 71.5            | 44,140           |
|                                     | 110                                 | 66.7           | 38,630           | 67.9            | 38,630           | 69.1            | 38,640           |
|                                     | 120                                 | 64.2           | 33,680           | 65.5            | 33,680           | 66.6            | 33,690           |
|                                     | 130                                 | 61.7           | 29,560           | 62.9            | 29,570           | 64.0            | 29,570           |
|                                     | 140                                 | 59.1           | 26,080           | 60.3            | 26,080           | 61.4            | 26,090           |
|                                     | 150                                 | 56.5           | 23,090           | 57.7            | 23,100           | 58.7            | 23,100           |
|                                     | 160                                 | 53.7           | 20,500           | 54.9            | 20,500           | 55.9            | 20,510           |
|                                     | 170                                 | 50.9           | 18,240           | 52.0            | 18,240           | 53.0            | 18,250           |
| 180                                 | 47.9                                | 16,250         | 49.0             | 16,250          | 50.0             | 16,260          |                  |
| 190                                 | 44.8                                | 14,470         | 45.9             | 14,480          | 46.8             | 14,480          |                  |
| 200                                 | 41.5                                | 12,890         | 42.6             | 12,890          | 43.4             | 12,900          |                  |
| 210                                 | 37.9                                | 11,470         | 39.0             | 11,470          | 39.7             | 11,480          |                  |
| 220                                 | 34.0                                | 10,190         | 35.1             | 10,190          | 35.7             | 10,200          |                  |
| 35' (10.7M) JIB & 230' (70.1M) BOOM | 46                                  | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                                  | 81.1           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                                  | 78.9           | 60,000*          | 80.1            | 60,000*          | 81.3            | 59,460*          |
|                                     | 70                                  | 76.7           | 60,000*          | 77.9            | 60,000*          | 79.1            | 59,460*          |
|                                     | 80                                  | 74.4           | 60,000*          | 75.7            | 60,000*          | 76.8            | 59,460*          |
|                                     | 90                                  | 72.2           | 51,350           | 73.4            | 51,360           | 74.6            | 51,360           |
|                                     | 100                                 | 69.9           | 43,790           | 71.1            | 43,790           | 72.2            | 43,800           |
|                                     | 110                                 | 67.6           | 38,330           | 68.8            | 38,330           | 69.9            | 38,330           |
|                                     | 120                                 | 65.3           | 33,380           | 66.5            | 33,380           | 67.5            | 33,380           |
|                                     | 130                                 | 62.9           | 29,260           | 64.0            | 29,260           | 65.1            | 29,270           |
|                                     | 140                                 | 60.4           | 25,770           | 61.6            | 25,770           | 62.6            | 25,780           |
|                                     | 150                                 | 57.9           | 22,790           | 59.0            | 22,790           | 60.0            | 22,790           |
|                                     | 160                                 | 55.3           | 20,200           | 56.4            | 20,200           | 57.4            | 20,210           |
|                                     | 170                                 | 52.6           | 17,940           | 53.7            | 17,940           | 54.7            | 17,950           |
| 180                                 | 49.8                                | 15,940         | 50.9             | 15,940          | 51.9             | 15,950          |                  |
| 190                                 | 46.9                                | 14,170         | 48.0             | 14,170          | 48.9             | 14,180          |                  |
| 200                                 | 43.9                                | 12,580         | 44.9             | 12,590          | 45.8             | 12,590          |                  |
| 210                                 | 40.6                                | 11,170         | 41.7             | 11,170          | 42.5             | 11,180          |                  |
| 220                                 | 37.1                                | 9,880          | 38.2             | 9,880           | 38.9             | 9,890           |                  |
| 230                                 | 33.4                                | 8,720          | 34.3             | 8,730           | 35.0             | 8,740           |                  |
| 35' (10.7M) JIB & 240' (73.2M) BOOM | 48                                  | 81.8           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                                  | 81.4           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                                  | 79.3           | 60,000*          | 80.5            | 60,000*          | 81.6            | 59,410*          |
|                                     | 70                                  | 77.2           | 60,000*          | 78.4            | 60,000*          | 79.5            | 59,410*          |
|                                     | 80                                  | 75.0           | 60,000*          | 76.2            | 60,000*          | 77.3            | 59,410*          |
|                                     | 90                                  | 72.9           | 50,830           | 74.0            | 50,840           | 75.1            | 50,840           |
|                                     | 100                                 | 70.7           | 43,270           | 71.9            | 43,270           | 72.9            | 43,280           |

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 240' BOOM (con't)                   | 110               | 68.5           | 37,820           | 69.6            | 37,820           | 70.7            | 37,830           |
|                                     | 120               | 66.2           | 32,870           | 67.4            | 32,870           | 68.4            | 32,880           |
|                                     | 130               | 63.9           | 28,750           | 65.1            | 28,750           | 66.1            | 28,760           |
|                                     | 140               | 61.6           | 25,260           | 62.7            | 25,270           | 63.7            | 25,270           |
|                                     | 150               | 59.2           | 22,280           | 60.3            | 22,280           | 61.3            | 22,290           |
|                                     | 160               | 56.7           | 19,680           | 57.8            | 19,690           | 58.8            | 19,690           |
|                                     | 170               | 54.2           | 17,420           | 55.3            | 17,420           | 56.2            | 17,430           |
|                                     | 180               | 51.6           | 15,430           | 52.7            | 15,430           | 53.6            | 15,440           |
|                                     | 190               | 48.8           | 13,660           | 49.9            | 13,660           | 50.8            | 13,670           |
|                                     | 200               | 46.0           | 12,070           | 47.1            | 12,070           | 47.9            | 12,080           |
|                                     | 210               | 43.0           | 10,640           | 44.1            | 10,650           | 44.8            | 10,650           |
| 220                                 | 39.8              | 9,360          | 40.9             | 9,360           | 41.6             | 9,370           |                  |
| 230                                 | 36.4              | 8,190          | 37.4             | 8,200           | 38.1             | 8,200           |                  |
| 240                                 | 32.7              | 7,140          | 33.7             | 7,140           | 34.3             | 7,150           |                  |
| 35' (10.7M) JIB & 250' (76.2M) BOOM | 49                | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 81.7           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                | 79.7           | 60,000*          | 80.8            | 60,000*          | 81.9            | 59,370*          |
|                                     | 70                | 77.6           | 60,000*          | 78.8            | 60,000*          | 79.9            | 59,370*          |
|                                     | 80                | 75.6           | 60,000*          | 76.7            | 60,000*          | 77.8            | 59,370*          |
|                                     | 90                | 73.5           | 50,290           | 74.6            | 50,300           | 75.7            | 50,310           |
|                                     | 100               | 71.4           | 42,730           | 72.5            | 42,730           | 73.6            | 42,740           |
|                                     | 110               | 69.2           | 37,300           | 70.4            | 37,300           | 71.4            | 37,300           |
|                                     | 120               | 67.1           | 32,340           | 68.2            | 32,350           | 69.2            | 32,350           |
|                                     | 130               | 64.9           | 28,220           | 66.0            | 28,220           | 67.0            | 28,220           |
|                                     | 140               | 62.7           | 24,720           | 63.8            | 24,720           | 64.7            | 24,720           |
|                                     | 150               | 60.4           | 21,730           | 61.5            | 21,730           | 62.4            | 21,740           |
|                                     | 160               | 58.0           | 19,140           | 59.1            | 19,150           | 60.0            | 19,150           |
|                                     | 170               | 55.6           | 16,870           | 56.7            | 16,870           | 57.6            | 16,880           |
| 180                                 | 53.1              | 14,880         | 54.2             | 14,880          | 55.1             | 14,890          |                  |
| 190                                 | 50.6              | 13,110         | 51.6             | 13,110          | 52.5             | 13,120          |                  |
| 200                                 | 47.9              | 11,520         | 49.0             | 11,520          | 49.8             | 11,530          |                  |
| 210                                 | 45.1              | 10,090         | 46.2             | 10,090          | 46.9             | 10,100          |                  |
| 220                                 | 42.2              | 8,810          | 43.2             | 8,810           | 44.0             | 8,820           |                  |
| 230                                 | 39.1              | 7,630          | 40.1             | 7,640           | 40.8             | 7,640           |                  |
| 240                                 | 35.8              | 6,570          | 36.7             | 6,580           | 37.3             | 6,590           |                  |
| 250                                 | 32.1              | 5,600          | 33.0             | 5,600           | 33.6             | 5,610           |                  |
| 35' (10.7M) JIB & 260' (79.2M) BOOM | 50                | 82.0           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                | 80.0           | 60,000*          | 81.1            | 60,000*          |                 |                  |
|                                     | 70                | 78.0           | 60,000*          | 79.2            | 60,000*          | 80.2            | 55,290*          |
|                                     | 80                | 76.1           | 59,520           | 77.2            | 59,240*          | 78.2            | 53,860*          |
|                                     | 90                | 74.1           | 49,770           | 75.2            | 49,780           | 76.2            | 49,790           |
|                                     | 100               | 72.0           | 42,200           | 73.1            | 42,200           | 74.1            | 42,210           |
|                                     | 110               | 70.0           | 36,790           | 71.1            | 36,790           | 72.1            | 36,800           |
|                                     | 120               | 67.9           | 31,830           | 69.0            | 31,830           | 70.0            | 31,840           |
|                                     | 130               | 65.8           | 27,700           | 66.9            | 27,700           | 67.8            | 27,710           |
|                                     | 140               | 63.7           | 24,210           | 64.7            | 24,210           | 65.7            | 24,220           |
|                                     | 150               | 61.5           | 21,210           | 62.5            | 21,220           | 63.5            | 21,220           |
|                                     | 160               | 59.2           | 18,620           | 60.3            | 18,620           | 61.2            | 18,620           |
|                                     | 170               | 56.9           | 16,350           | 58.0            | 16,350           | 58.9            | 16,360           |
|                                     | 180               | 54.6           | 14,360           | 55.6            | 14,360           | 56.5            | 14,370           |
| 190                                 | 52.2              | 12,580         | 53.2             | 12,580          | 54.0             | 12,580          |                  |
| 200                                 | 49.7              | 11,000         | 50.7             | 11,000          | 51.5             | 11,000          |                  |
| 210                                 | 47.0              | 9,570          | 48.0             | 9,570           | 48.8             | 9,580           |                  |
| 220                                 | 44.3              | 8,280          | 45.3             | 8,280           | 46.0             | 8,290           |                  |
| 230                                 | 41.4              | 7,110          | 42.4             | 7,110           | 43.1             | 7,120           |                  |
| 240                                 | 38.4              | 6,050          | 39.3             | 6,050           | 40.0             | 6,060           |                  |
| 250                                 | 35.1              | 5,070          | 36.0             | 5,070           | 36.6             | 5,080           |                  |
| 260                                 | 31.5              | 4,170          | 32.4             | 4,180           | 32.9             | 4,190           |                  |
| 35' (10.7M) JIB & 270' (82.3M) BOOM | 52                | 81.8           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                | 80.3           | 60,000*          | 81.4            | 57,380*          |                 |                  |
|                                     | 70                | 78.4           | 60,000*          | 79.5            | 54,860*          | 80.5            | 49,420*          |
|                                     | 80                | 76.5           | 57,190*          | 77.6            | 52,360*          | 78.6            | 47,740*          |
|                                     | 90                | 74.6           | 49,240           | 75.7            | 49,250           | 76.7            | 46,120*          |
|                                     | 100               | 72.6           | 41,670           | 73.7            | 41,670           | 74.7            | 41,680           |
|                                     | 110               | 70.7           | 36,280           | 71.7            | 36,280           | 72.7            | 36,280           |
|                                     | 120               | 68.7           | 31,310           | 69.7            | 31,320           | 70.7            | 31,320           |
|                                     | 130               | 66.6           | 27,180           | 67.7            | 27,190           | 68.6            | 27,190           |
|                                     | 140               | 64.6           | 23,680           | 65.6            | 23,690           | 66.5            | 23,690           |
|                                     | 150               | 62.5           | 20,690           | 63.5            | 20,690           | 64.4            | 20,690           |
|                                     | 160               | 60.3           | 18,100           | 61.4            | 18,100           | 62.3            | 18,110           |
|                                     | 170               | 58.2           | 15,820           | 59.2            | 15,830           | 60.0            | 15,830           |
|                                     | 180               | 55.9           | 13,830           | 56.9            | 13,830           | 57.8            | 13,840           |
| 190                                 | 53.6              | 12,050         | 54.6             | 12,050          | 55.4             | 12,060          |                  |
| 200                                 | 51.2              | 10,470         | 52.2             | 10,470          | 53.0             | 10,470          |                  |
| 210                                 | 48.8              | 9,040          | 49.7             | 9,040           | 50.5             | 9,040           |                  |



**LIFT RATINGS IN POUNDS (continued)**

**With 92HI Offset Tip Boom and 172,000 Pound Upper Counterweight, #30 Jib**

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 270' BOOM (con't)                   | 220               | 46.2           | 7,750            | 47.2            | 7,750            | 47.9            | 7,760            |
|                                     | 230               | 43.5           | 6,570            | 44.5            | 6,570            | 45.2            | 6,580            |
|                                     | 240               | 40.7           | 5,510            | 41.6            | 5,510            | 42.3            | 5,520            |
|                                     | 250               | 37.7           | 4,530            | 38.6            | 4,530            | 39.3            | 4,540            |
| 45' (13.7M) JIB & 120' (36.6M) BOOM | 33                | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 35                | 81.2           | 60,000*          |                 |                  |                 |                  |
|                                     | 40                | 79.4           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 75.9           | 60,000*          | 78.5            | 60,000*          | 80.9            | 46,910*          |
|                                     | 60                | 72.3           | 60,000*          | 74.8            | 60,000*          | 77.2            | 44,510*          |
|                                     | 70                | 68.6           | 60,000*          | 71.1            | 55,020*          | 73.5            | 40,630*          |
|                                     | 80                | 64.8           | 60,000*          | 67.3            | 49,340*          | 69.6            | 40,350*          |
|                                     | 90                | 60.9           | 55,330*          | 63.4            | 44,790*          | 65.6            | 39,130*          |
|                                     | 100               | 56.9           | 49,270           | 59.3            | 41,060*          | 61.5            | 36,220*          |
|                                     | 110               | 52.6           | 43,270           | 55.0            | 40,210*          | 57.1            | 33,990*          |
| 120                                 | 48.0              | 38,650         | 50.4             | 37,680*         | 52.3             | 32,040*         |                  |
| 45' (13.7M) JIB & 130' (39.6M) BOOM | 34                | 82.0           | 60,000*          |                 |                  |                 |                  |
|                                     | 35                | 81.7           | 60,000*          |                 |                  |                 |                  |
|                                     | 40                | 80.0           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 76.7           | 60,000*          | 79.1            | 60,000*          | 81.4            | 46,860*          |
|                                     | 60                | 73.3           | 60,000*          | 75.7            | 60,000*          | 78.0            | 45,890*          |
|                                     | 70                | 69.9           | 60,000*          | 72.3            | 57,350*          | 74.5            | 41,970*          |
|                                     | 80                | 66.4           | 60,000*          | 68.7            | 51,500*          | 70.9            | 40,450*          |
|                                     | 90                | 62.7           | 56,560           | 65.1            | 46,780*          | 67.2            | 40,380*          |
|                                     | 100               | 59.0           | 49,050           | 61.3            | 42,900*          | 63.4            | 37,690*          |
|                                     | 110               | 55.1           | 43,050           | 57.3            | 40,450*          | 59.3            | 35,290*          |
| 120                                 | 50.9              | 38,460         | 53.2             | 38,460          | 55.1             | 33,380*         |                  |
| 130                                 | 46.5              | 34,360         | 48.7             | 34,360          | 50.5             | 31,670*         |                  |
| 45' (13.7M) JIB & 140' (42.7M) BOOM | 36                | 81.8           | 60,000*          |                 |                  |                 |                  |
|                                     | 40                | 80.6           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 77.4           | 60,000*          | 79.7            | 60,000*          | 81.9            | 46,810*          |
|                                     | 60                | 74.2           | 60,000*          | 76.5            | 60,000*          | 78.7            | 46,810*          |
|                                     | 70                | 71.0           | 60,000*          | 73.3            | 58,830*          | 75.4            | 43,110*          |
|                                     | 80                | 67.7           | 60,000*          | 70.0            | 53,760*          | 72.0            | 40,370*          |
|                                     | 90                | 64.3           | 56,030           | 66.6            | 48,740*          | 68.6            | 40,370*          |
|                                     | 100               | 60.8           | 48,510           | 63.0            | 44,870*          | 65.0            | 39,110*          |
|                                     | 110               | 57.2           | 42,500           | 59.4            | 41,530*          | 61.3            | 36,730*          |
|                                     | 120               | 53.4           | 37,940           | 55.6            | 37,940           | 57.4            | 34,610*          |
| 130                                 | 49.4              | 33,830         | 51.5             | 33,840          | 53.3             | 32,820*         |                  |
| 140                                 | 45.2              | 30,360         | 47.2             | 30,360          | 48.9             | 30,370          |                  |
| 45' (13.7M) JIB & 150' (45.7M) BOOM | 37                | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 40                | 81.0           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 78.1           | 60,000*          | 80.3            | 60,000*          | 79.3            | 46,780*          |
|                                     | 60                | 75.1           | 60,000*          | 77.2            | 60,000*          | 76.2            | 44,210*          |
|                                     | 70                | 72.0           | 60,000*          | 74.2            | 60,000*          | 73.0            | 40,860*          |
|                                     | 80                | 68.9           | 60,000*          | 71.0            | 55,400*          | 69.8            | 40,410*          |
|                                     | 90                | 65.7           | 55,440           | 67.8            | 50,630*          | 66.4            | 40,350*          |
|                                     | 100               | 62.5           | 47,920           | 64.6            | 46,580*          | 63.0            | 37,990*          |
|                                     | 110               | 59.1           | 41,910           | 61.2            | 41,910           | 59.4            | 35,890*          |
|                                     | 120               | 55.6           | 37,370           | 57.6            | 37,370           | 55.6            | 33,270           |
| 130                                 | 51.9              | 33,260         | 53.9             | 33,270          | 51.7             | 29,790          |                  |
| 140                                 | 48.0              | 29,780         | 50.0             | 29,790          | 47.4             | 26,830          |                  |
| 150                                 | 43.9              | 26,820         | 45.8             | 26,820          |                  |                 |                  |
| 45' (13.7M) JIB & 160' (48.8M) BOOM | 39                | 81.8           | 60,000*          |                 |                  |                 |                  |
|                                     | 40                | 81.5           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 78.7           | 60,000*          | 80.7            | 60,000*          | 79.8            | 46,730*          |
|                                     | 60                | 75.8           | 60,000*          | 77.9            | 60,000*          | 76.9            | 45,130*          |
|                                     | 70                | 72.9           | 60,000*          | 75.0            | 60,000*          | 73.9            | 41,960*          |
|                                     | 80                | 70.0           | 60,000*          | 72.0            | 56,820*          | 70.8            | 40,390*          |
|                                     | 90                | 67.0           | 54,900           | 69.0            | 52,310*          | 67.7            | 40,390*          |
|                                     | 100               | 63.9           | 47,370           | 65.9            | 47,380           | 64.5            | 39,200*          |
|                                     | 110               | 60.7           | 41,360           | 62.7            | 41,370           | 61.2            | 36,850           |
|                                     | 120               | 57.5           | 36,840           | 59.4            | 36,840           | 57.7            | 32,730           |
| 130                                 | 54.1              | 32,720         | 56.0             | 32,730          | 54.0             | 29,260          |                  |
| 140                                 | 50.5              | 29,250         | 52.4             | 29,260          | 50.2             | 26,280          |                  |
| 150                                 | 46.8              | 26,270         | 48.6             | 26,280          | 46.0             | 23,710          |                  |
| 160                                 | 42.8              | 23,700         | 44.6             | 23,700          |                  |                 |                  |
| 45' (13.7M) JIB & 170' (51.8M) BOOM | 40                | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 79.2           | 60,000*          | 81.2            | 60,000*          |                 |                  |
|                                     | 60                | 76.5           | 60,000*          | 78.5            | 60,000*          | 80.3            | 46,680*          |
|                                     | 70                | 73.7           | 60,000*          | 75.7            | 60,000*          | 77.5            | 46,060*          |
|                                     | 80                | 70.9           | 60,000*          | 72.9            | 58,190*          | 74.7            | 42,830*          |
|                                     | 90                | 68.1           | 54,350           | 70.0            | 53,790*          | 71.8            | 40,130*          |
|                                     | 100               | 65.2           | 46,820           | 67.1            | 46,830           | 68.9            | 40,130*          |

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 170' BOOM (con't)                   | 110               | 62.2           | 40,800           | 64.1            | 40,800           | 65.8            | 40,130*          |
|                                     | 120               | 59.2           | 36,300           | 61.0            | 36,300           | 62.7            | 36,310           |
|                                     | 130               | 56.0           | 32,200           | 57.9            | 32,200           | 59.5            | 32,200           |
|                                     | 140               | 52.7           | 28,710           | 54.5            | 28,720           | 56.1            | 28,720           |
|                                     | 150               | 49.3           | 25,740           | 51.1            | 25,750           | 52.5            | 25,750           |
|                                     | 160               | 45.6           | 23,150           | 47.4            | 23,160           | 48.8            | 23,170           |
|                                     | 170               | 41.7           | 20,900           | 43.4            | 20,900           | 44.7            | 20,910           |
| 45' (13.7M) JIB & 180' (54.9M) BOOM | 41                | 82.0           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 79.7           | 60,000*          | 81.6            | 60,000*          |                 |                  |
|                                     | 60                | 77.1           | 60,000*          | 79.0            | 60,000*          | 80.8            | 46,630*          |
|                                     | 70                | 74.5           | 60,000*          | 76.4            | 60,000*          | 78.1            | 46,630*          |
|                                     | 80                | 71.8           | 60,000*          | 73.7            | 59,400*          | 75.4            | 43,800*          |
|                                     | 90                | 69.1           | 54,050           | 71.0            | 54,060           | 72.7            | 41,060*          |
|                                     | 100               | 66.4           | 46,520           | 68.2            | 46,530           | 69.9            | 40,250*          |
|                                     | 110               | 63.6           | 40,500           | 65.4            | 40,510           | 67.0            | 40,250*          |
|                                     | 120               | 60.7           | 36,030           | 62.5            | 36,040           | 64.1            | 36,040           |
|                                     | 130               | 57.7           | 31,930           | 59.5            | 31,930           | 61.0            | 31,940           |
| 140                                 | 54.6              | 28,440         | 56.4             | 28,450          | 57.9             | 28,450          |                  |
| 150                                 | 51.4              | 25,470         | 53.2             | 25,470          | 54.6             | 25,480          |                  |
| 160                                 | 48.1              | 22,890         | 49.8             | 22,900          | 51.2             | 22,900          |                  |
| 170                                 | 44.5              | 20,640         | 46.2             | 20,640          | 47.5             | 20,650          |                  |
| 180                                 | 40.7              | 18,650         | 42.3             | 18,660          | 43.6             | 18,660          |                  |
| 45' (13.7M) JIB & 190' (57.9M) BOOM | 43                | 81.8           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 80.1           | 60,000*          | 81.9            | 60,000*          |                 |                  |
|                                     | 60                | 77.6           | 60,000*          | 79.5            | 60,000*          | 81.2            | 46,580*          |
|                                     | 70                | 75.1           | 60,000*          | 77.0            | 60,000*          | 78.6            | 46,580*          |
|                                     | 80                | 72.6           | 60,000*          | 74.4            | 60,000*          | 76.1            | 44,560*          |
|                                     | 90                | 70.0           | 53,530           | 71.8            | 53,540           | 73.5            | 41,830*          |
|                                     | 100               | 67.4           | 45,990           | 69.2            | 45,990           | 70.8            | 40,230*          |
|                                     | 110               | 64.8           | 39,960           | 66.5            | 39,970           | 68.1            | 40,230*          |
|                                     | 120               | 62.0           | 35,520           | 63.8            | 35,520           | 65.3            | 35,520           |
|                                     | 130               | 59.2           | 31,410           | 61.0            | 31,410           | 62.5            | 31,420           |
| 140                                 | 56.4              | 27,930         | 58.0             | 27,940          | 59.5             | 27,940          |                  |
| 150                                 | 53.4              | 24,950         | 55.0             | 24,950          | 56.5             | 24,960          |                  |
| 160                                 | 50.2              | 22,370         | 51.9             | 22,370          | 53.3             | 22,380          |                  |
| 170                                 | 47.0              | 20,110         | 48.6             | 20,120          | 49.9             | 20,120          |                  |
| 180                                 | 43.5              | 18,130         | 45.1             | 18,130          | 46.3             | 18,140          |                  |
| 190                                 | 39.8              | 16,350         | 41.3             | 16,360          | 42.5             | 16,370          |                  |
| 45' (13.7M) JIB & 200' (61.0M) BOOM | 44                | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 80.5           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                | 78.2           | 60,000*          | 79.9            | 60,000*          | 81.5            | 46,540*          |
|                                     | 70                | 75.8           | 60,000*          | 77.5            | 60,000*          | 79.1            | 46,540*          |
|                                     | 80                | 73.3           | 60,000*          | 75.1            | 60,000*          | 76.7            | 45,340*          |
|                                     | 90                | 70.9           | 52,970           | 72.6            | 52,980           | 74.2            | 42,660*          |
|                                     | 100               | 68.4           | 45,430           | 70.1            | 45,430           | 71.6            | 40,320*          |
|                                     | 110               | 65.9           | 39,920           | 67.6            | 39,920           | 69.1            | 39,930           |
|                                     | 120               | 63.3           | 34,970           | 64.9            | 34,970           | 66.4            | 34,980           |
|                                     | 130               | 60.6           | 30,850           | 62.3            | 30,850           | 63.7            | 30,860           |
| 140                                 | 57.9              | 27,380         | 59.5             | 27,380          | 61.0             | 27,390          |                  |
| 150                                 | 55.1              | 24,390         | 56.7             | 24,400          | 58.1             | 24,400          |                  |
| 160                                 | 52.2              | 21,810         | 53.8             | 21,810          | 55.1             | 21,820          |                  |
| 170                                 | 49.1              | 19,550         | 50.7             | 19,550          | 52.0             | 19,560          |                  |
| 180                                 | 45.9              | 17,560         | 47.5             | 17,570          | 48.7             | 17,570          |                  |
| 190                                 | 42.5              | 15,800         | 44.0             | 15,800          | 45.2             | 15,810          |                  |
| 200                                 | 38.9              | 14,220         | 40.4             | 14,220          | 41.5             | 14,230          |                  |
| 45' (13.7M) JIB & 210' (64.0M) BOOM | 46                | 81.8           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 80.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                | 78.6           | 60,000*          | 80.3            | 60,000*          | 81.9            | 46,490*          |
|                                     | 70                | 76.3           | 60,000*          | 78.0            | 60,000*          | 79.6            | 46,490*          |
|                                     | 80                | 74.0           | 60,000*          | 75.7            | 60,000*          | 77.2            | 46,060*          |
|                                     | 90                | 71.7           | 52,440           | 73.3            | 52,450           | 74.8            | 43,360*          |
|                                     | 100               | 69.3           | 44,890           | 70.9            | 44,890           | 72.4            | 40,960*          |
|                                     | 110               | 66.9           | 39,390           | 68.5            | 39,390           | 70.0            | 39,400           |
|                                     | 120               | 64.4           | 34,450           | 66.0            | 34,460           | 67.5            | 34,460           |
|                                     | 130               | 61.9           | 30,330           | 63.5            | 30,340           | 64.9            | 30,340           |
| 140                                 | 59.3              | 26,850         | 60.9             | 26,850          | 62.3             | 26,860          |                  |
| 150                                 | 56.6              | 23,860         | 58.2             | 23,870          | 59.6             | 23,870          |                  |
| 160                                 | 53.9              | 21,280         | 55.4             | 21,280          | 56.8             | 21,290          |                  |
| 170                                 | 51.1              | 19,020         | 52.6             | 19,020          | 53.8             | 19,030          |                  |
| 180                                 | 48.1              | 17,030         | 49.6             | 17,030          | 50.8             | 17,040          |                  |
| 190                                 | 45.0              | 15,260         | 46.4             | 15,270          | 47.6             | 15,270          |                  |
| 200                                 | 41.6              | 13,680         | 43.1             | 13,680          | 44.2             | 13,690          |                  |
| 210                                 |                   |                |                  |                 |                  |                 |                  |

**LIFT RATINGS IN POUNDS (continued)**

With 92HI Offset Tip Boom and 172,000 Pound Upper Counterweight, #30 Jib

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 45' (13.7M) JIB & 220' (67.1M) BOOM | 47                | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 81.2           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                | 79.1           | 60,000*          | 80.7            | 60,000*          |                 |                  |
|                                     | 70                | 76.9           | 60,000*          | 78.5            | 60,000*          | 80.0            | 46,450*          |
|                                     | 80                | 74.6           | 60,000*          | 76.2            | 60,000*          | 77.7            | 46,450*          |
|                                     | 90                | 72.4           | 51,900           | 74.0            | 51,910           | 75.4            | 44,170*          |
|                                     | 100               | 70.1           | 44,350           | 71.7            | 44,350           | 73.1            | 41,710*          |
|                                     | 110               | 67.8           | 38,880           | 69.4            | 38,880           | 70.8            | 38,880           |
|                                     | 120               | 65.4           | 33,930           | 67.0            | 33,930           | 68.4            | 33,940           |
|                                     | 130               | 63.0           | 29,810           | 64.6            | 29,810           | 65.9            | 29,820           |
|                                     | 140               | 60.6           | 26,320           | 62.1            | 26,320           | 63.4            | 26,330           |
|                                     | 150               | 58.1           | 23,340           | 59.6            | 23,340           | 60.9            | 23,340           |
|                                     | 160               | 55.5           | 20,750           | 57.0            | 20,750           | 58.2            | 20,760           |
|                                     | 170               | 52.8           | 18,490           | 54.3            | 18,490           | 55.5            | 18,500           |
|                                     | 180               | 50.0           | 16,490           | 51.5            | 16,490           | 52.7            | 16,500           |
|                                     | 190               | 47.1           | 14,720           | 48.5            | 14,720           | 49.7            | 14,730           |
|                                     | 200               | 44.0           | 13,140           | 45.5            | 13,150           | 46.6            | 13,160           |
| 210                                 | 40.8              | 11,720         | 42.2             | 11,720          | 43.2             | 11,730          |                  |
| 220                                 | 37.3              | 10,430         | 38.7             | 10,430          | 39.6             | 10,440          |                  |
| 45' (13.7M) JIB & 230' (70.1M) BOOM | 48                | 82.0           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 81.6           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                | 79.5           | 60,000*          | 81.0            | 60,000*          |                 |                  |
|                                     | 70                | 77.3           | 60,000*          | 78.9            | 60,000*          | 80.3            | 46,400*          |
|                                     | 80                | 75.2           | 60,000*          | 76.7            | 60,000*          | 78.2            | 46,400*          |
|                                     | 90                | 73.0           | 51,550           | 74.6            | 51,560           | 76.0            | 44,690*          |
|                                     | 100               | 70.9           | 44,000           | 72.4            | 44,000           | 73.8            | 42,380*          |
|                                     | 110               | 68.6           | 38,560           | 70.1            | 38,560           | 71.5            | 38,570           |
|                                     | 120               | 66.4           | 33,610           | 67.9            | 33,610           | 69.2            | 33,620           |
|                                     | 130               | 64.1           | 29,490           | 65.6            | 29,490           | 66.9            | 29,500           |
|                                     | 140               | 61.7           | 26,000           | 63.2            | 26,010           | 64.5            | 26,010           |
|                                     | 150               | 59.4           | 23,020           | 60.8            | 23,020           | 62.1            | 23,030           |
|                                     | 160               | 56.9           | 20,430           | 58.3            | 20,440           | 59.6            | 20,440           |
|                                     | 170               | 54.4           | 18,170           | 55.8            | 18,170           | 57.0            | 18,180           |
|                                     | 180               | 51.7           | 16,180           | 53.2            | 16,180           | 54.3            | 16,190           |
|                                     | 190               | 49.0           | 14,410           | 50.4            | 14,410           | 51.6            | 14,420           |
|                                     | 200               | 46.2           | 12,820           | 47.6            | 12,820           | 48.6            | 12,830           |
| 210                                 | 43.2              | 11,400         | 44.5             | 11,410          | 45.6             | 11,420          |                  |
| 220                                 | 40.0              | 10,120         | 41.3             | 10,130          | 42.3             | 10,130          |                  |
| 230                                 | 36.6              | 8,950          | 37.9             | 8,960           | 38.8             | 8,970           |                  |
| 45' (13.7M) JIB & 240' (73.2M) BOOM | 50                | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                | 79.8           | 60,000*          | 81.3            | 60,000*          |                 |                  |
|                                     | 70                | 77.8           | 60,000*          | 79.3            | 60,000*          | 80.7            | 46,350*          |
|                                     | 80                | 75.7           | 60,000*          | 77.2            | 60,000*          | 78.6            | 46,350*          |
|                                     | 90                | 73.7           | 51,040           | 75.1            | 51,050           | 76.5            | 45,450*          |
|                                     | 100               | 71.5           | 43,480           | 73.0            | 43,480           | 74.4            | 42,990*          |
|                                     | 110               | 69.4           | 38,060           | 70.9            | 38,060           | 72.2            | 38,060           |
|                                     | 120               | 67.3           | 33,100           | 68.7            | 33,110           | 70.0            | 33,110           |
|                                     | 130               | 65.1           | 28,990           | 66.5            | 28,990           | 67.8            | 28,990           |
|                                     | 140               | 62.8           | 25,500           | 64.3            | 25,500           | 65.5            | 25,510           |
|                                     | 150               | 60.5           | 22,500           | 62.0            | 22,500           | 63.2            | 22,510           |
|                                     | 160               | 58.2           | 19,920           | 59.6            | 19,920           | 60.8            | 19,920           |
|                                     | 170               | 55.8           | 17,650           | 57.2            | 17,650           | 58.4            | 17,660           |
|                                     | 180               | 53.3           | 15,660           | 54.7            | 15,660           | 55.8            | 15,670           |
|                                     | 190               | 50.8           | 13,890           | 52.1            | 13,890           | 53.2            | 13,900           |
|                                     | 200               | 48.1           | 12,300           | 49.4            | 12,300           | 50.5            | 12,310           |
|                                     | 210               | 45.3           | 10,880           | 46.6            | 10,880           | 47.7            | 10,890           |
| 220                                 | 42.4              | 9,600          | 43.7             | 9,600           | 44.7             | 9,610           |                  |
| 230                                 | 39.3              | 8,420          | 40.5             | 8,430           | 41.5             | 8,440           |                  |
| 240                                 | 35.9              | 7,360          | 37.2             | 7,370           | 38.0             | 7,380           |                  |
| 45' (13.7M) JIB & 250' (76.2M) BOOM | 51                | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                | 80.2           | 60,000*          | 81.6            | 60,000*          |                 |                  |
|                                     | 70                | 78.2           | 60,000*          | 79.7            | 60,000*          | 81.0            | 46,310*          |
|                                     | 80                | 76.2           | 60,000*          | 77.7            | 60,000*          | 79.0            | 46,310*          |
|                                     | 90                | 74.2           | 50,500           | 75.7            | 50,510           | 77.0            | 46,090*          |
|                                     | 100               | 72.2           | 42,930           | 73.6            | 42,930           | 74.9            | 42,950           |
|                                     | 110               | 70.1           | 37,530           | 71.6            | 37,530           | 72.9            | 37,540           |
|                                     | 120               | 68.1           | 32,570           | 69.5            | 32,570           | 70.7            | 32,580           |
|                                     | 130               | 66.0           | 28,440           | 67.4            | 28,440           | 68.6            | 28,450           |
|                                     | 140               | 63.8           | 24,950           | 65.2            | 24,950           | 66.4            | 24,960           |
|                                     | 150               | 61.6           | 21,960           | 63.0            | 21,970           | 64.2            | 21,970           |
|                                     | 160               | 59.4           | 19,370           | 60.8            | 19,370           | 61.9            | 19,380           |
|                                     | 170               | 57.1           | 17,100           | 58.5            | 17,110           | 59.6            | 17,110           |
|                                     | 180               | 54.8           | 15,110           | 56.1            | 15,110           | 57.2            | 15,120           |
|                                     | 190               | 52.3           | 13,340           | 53.7            | 13,340           | 54.8            | 13,350           |
|                                     | 200               | 49.8           | 11,750           | 51.1            | 11,750           | 52.2            | 11,760           |

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 250' BOOM (con't)                   | 210               | 47.2           | 10,330           | 48.5            | 10,330           | 49.5            | 10,340           |
|                                     | 220               | 44.5           | 9,040            | 45.7            | 9,040            | 46.7            | 9,050            |
|                                     | 230               | 41.6           | 7,870            | 42.9            | 7,870            | 43.8            | 7,880            |
|                                     | 240               | 38.6           | 6,810            | 39.8            | 6,810            | 40.6            | 6,820            |
|                                     | 250               | 35.3           | 5,840            | 36.5            | 5,840            | 37.3            | 5,850            |
| 45' (13.7M) JIB & 260' (79.2M) BOOM | 53                | 81.8           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                | 80.5           | 60,000*          | 81.9            | 59,180*          |                 |                  |
|                                     | 70                | 78.6           | 60,000*          | 80.0            | 57,220*          | 81.3            | 46,260*          |
|                                     | 80                | 76.7           | 59,720           | 78.1            | 55,010*          | 79.4            | 46,260*          |
|                                     | 90                | 74.7           | 49,970           | 76.1            | 49,980           | 77.4            | 46,260*          |
|                                     | 100               | 72.8           | 42,400           | 74.2            | 42,400           | 75.4            | 42,420           |
|                                     | 110               | 70.8           | 37,020           | 72.2            | 37,020           | 73.4            | 37,020           |
|                                     | 120               | 68.8           | 32,050           | 70.2            | 32,060           | 71.4            | 32,060           |
|                                     | 130               | 66.8           | 27,920           | 68.2            | 27,930           | 69.4            | 27,930           |
|                                     | 140               | 64.7           | 24,430           | 66.1            | 24,440           | 67.3            | 24,440           |
|                                     | 150               | 62.6           | 21,440           | 64.0            | 21,440           | 65.2            | 21,450           |
|                                     | 160               | 60.5           | 18,850           | 61.8            | 18,850           | 63.0            | 18,860           |
|                                     | 170               | 58.3           | 16,580           | 59.6            | 16,590           | 60.8            | 16,590           |
|                                     | 180               | 56.1           | 14,580           | 57.4            | 14,580           | 58.5            | 14,590           |
|                                     | 190               | 53.8           | 12,810           | 55.1            | 12,810           | 56.1            | 12,820           |
|                                     | 200               | 51.4           | 11,230           | 52.7            | 11,230           | 53.7            | 11,240           |
|                                     | 210               | 48.9           | 9,800            | 50.2            | 9,800            | 51.2            | 9,810            |
| 220                                 | 46.4              | 8,510          | 47.6             | 8,510           | 48.6             | 8,520           |                  |
| 230                                 | 43.7              | 7,330          | 44.9             | 7,340           | 45.9             | 7,340           |                  |
| 240                                 | 40.9              | 6,270          | 42.1             | 6,270           | 43.0             | 6,280           |                  |
| 250                                 | 37.9              | 5,300          | 39.1             | 5,300           | 39.9             | 5,310           |                  |
| 260                                 | 34.7              | 4,410          | 35.8             | 4,420           | 36.6             | 4,430           |                  |
| 45' (13.7M) JIB & 270' (82.3M) BOOM | 54                | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                | 80.8           | 60,000*          |                 |                  |                 |                  |
|                                     | 70                | 79.0           | 57,650*          | 80.3            | 50,910*          | 81.6            | 44,680*          |
|                                     | 80                | 77.1           | 54,570*          | 78.5            | 48,880*          | 79.7            | 43,530*          |
|                                     | 90                | 75.2           | 49,460           | 76.6            | 46,870*          | 77.8            | 42,160*          |
|                                     | 100               | 73.4           | 41,870           | 74.7            | 41,880           | 75.9            | 40,770*          |
|                                     | 110               | 71.5           | 36,510           | 72.8            | 36,510           | 74.0            | 36,520           |
|                                     | 120               | 69.5           | 31,540           | 70.8            | 31,540           | 72.0            | 31,550           |
|                                     | 130               | 67.6           | 27,410           | 68.9            | 27,410           | 70.1            | 27,420           |
|                                     | 140               | 65.6           | 23,910           | 66.9            | 23,910           | 68.1            | 23,920           |
|                                     | 150               | 63.6           | 20,920           | 64.9            | 20,920           | 66.0            | 20,930           |
|                                     | 160               | 61.5           | 18,320           | 62.8            | 18,330           | 63.9            | 18,330           |
|                                     | 170               | 59.4           | 16,060           | 60.7            | 16,060           | 61.8            | 16,070           |
|                                     | 180               | 57.3           | 14,050           | 58.6            | 14,050           | 59.6            | 14,060           |
|                                     | 190               | 55.1           | 12,280           | 56.4            | 12,280           | 57.4            | 12,290           |
|                                     | 200               | 52.8           | 10,690           | 54.1            | 10,690           | 55.1            | 10,700           |
|                                     | 210               | 50.5           | 9,260            | 51.7            | 9,270            | 52.7            | 9,280            |
| 220                                 | 48.1              | 7,980          | 49.3             | 7,980           | 50.3             | 7,990           |                  |
| 230                                 | 45.6              | 6,800          | 46.8             | 6,800           | 47.7             | 6,810           |                  |
| 240                                 | 43.0              | 5,730          | 44.1             | 5,740           | 45.0             | 5,740           |                  |
| 250                                 | 40.2              | 4,760          | 41.3             | 4,760           | 42.2             | 4,770           |                  |
| 260                                 | 37.3              | 3,870          | 38.4             | 3,870           | 39.2             | 3,880           |                  |
| 45' (13.7M) JIB & 280' (85.3M) BOOM | 55                | 82.0           | 52,150*          |                 |                  |                 |                  |
|                                     | 60                | 81.1           | 50,620*          |                 |                  |                 |                  |
|                                     | 70                | 79.3           | 47,470*          | 80.6            | 42,110*          | 81.9            | 35,710*          |
|                                     | 80                | 77.5           | 44,590*          | 78.8            | 40,190*          | 80.0            | 34,600*          |
|                                     | 90                | 75.7           | 42,060*          | 77.0            | 38,820*          | 78.2            | 33,560*          |
|                                     | 100               | 73.9           | 38,230*          | 75.2            | 35,270*          | 76.4            | 32,410*          |
|                                     | 110               | 72.0           | 36,160           | 73.3            | 33,710*          | 74.5            | 31,240*          |
|                                     | 120               | 70.2           | 31,190           | 71.5            | 31,200           | 72.6            | 29,940*          |
|                                     | 130               | 68.3           | 27,060           | 69.6            | 27,070           | 70.7            | 27,070           |
|                                     | 140               | 66.4           | 23,560           | 67.7            | 23,570           | 68.8            | 23,570           |
|                                     | 150               | 64.5           | 20,560           | 65.7            | 20,570           | 66.8            | 20,570           |
|                                     | 160               | 62.5           | 17,980           | 63.7            | 17,980           | 64.8            | 17,990           |
|                                     | 170               | 60.5           | 15,710           | 61.7            | 15,710           | 62.8            | 15,720           |
|                                     | 180               | 58.4           | 13,700           | 59.7            | 13,710           | 60.7            | 13,710           |
|                                     | 190               | 56.3           | 11,930           | 57.5            | 11,930           | 58.6            | 11,940           |
|                                     | 200               | 54.2           | 10,340           | 55.4            | 10,340           | 56.4            | 10,350           |
|                                     | 210               | 52.0           | 8,910            | 53.2            | 8,920            | 54.1            | 8,920            |
| 220                                 | 49.7              | 7,620          | 50.9             | 7,630           | 51.8             | 7,630           |                  |
| 230                                 | 47.3              | 6,460          | 48.5             | 6,460           | 49.4             | 6,470           |                  |
| 240                                 | 44.8              | 5,390          | 46.0             | 5,390           | 46.9             | 5,400           |                  |
| 250                                 | 42.3              | 4,410          | 43.4             | 4,420           | 44.2             | 4,430           |                  |



**LIFT RATINGS IN POUNDS (continued)**

**With 92HI Offset Tip Boom and 172,000 Pound Upper Counterweight, #30 Jib**

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 55' (16.8M) JIB & 140' (42.7M) BOOM | 38                | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 40                | 81.3           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 78.3           | 60,000*          | 81.0            | 60,000*          |                 |                  |
|                                     | 60                | 75.3           | 60,000*          | 78.0            | 56,160*          | 80.5            | 38,790*          |
|                                     | 70                | 72.3           | 60,000*          | 74.9            | 49,980*          | 77.4            | 38,790*          |
|                                     | 80                | 69.2           | 59,210*          | 71.8            | 44,930*          | 74.2            | 37,500*          |
|                                     | 90                | 66.0           | 53,090*          | 68.6            | 40,920*          | 71.0            | 34,640*          |
|                                     | 100               | 62.7           | 47,920*          | 65.3            | 40,110*          | 67.6            | 32,290*          |
|                                     | 110               | 59.3           | 42,770           | 61.9            | 37,330*          | 64.2            | 30,260*          |
|                                     | 120               | 55.8           | 38,230           | 58.4            | 35,040*          | 60.6            | 28,400*          |
| 130                                 | 52.2              | 34,120         | 54.7             | 33,020*         | 56.8             | 26,930*         |                  |
| 140                                 | 48.3              | 30,650         | 50.7             | 30,660          | 52.8             | 25,650*         |                  |
| 55' (16.8M) JIB & 150' (45.7M) BOOM | 39                | 82.0           | 60,000*          |                 |                  |                 |                  |
|                                     | 40                | 81.7           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 78.9           | 60,000*          | 81.5            | 60,000*          |                 |                  |
|                                     | 60                | 76.0           | 60,000*          | 78.6            | 57,750*          | 81.0            | 38,760*          |
|                                     | 70                | 73.2           | 60,000*          | 75.7            | 51,650*          | 78.1            | 38,760*          |
|                                     | 80                | 70.2           | 60,000*          | 72.7            | 46,410*          | 75.1            | 38,600*          |
|                                     | 90                | 67.2           | 55,290*          | 69.7            | 42,440*          | 72.0            | 35,720*          |
|                                     | 100               | 64.1           | 48,180           | 66.6            | 40,350*          | 68.9            | 33,270*          |
|                                     | 110               | 61.0           | 42,170           | 63.4            | 38,560*          | 65.6            | 31,150*          |
|                                     | 120               | 57.7           | 37,660           | 60.1            | 36,040*          | 62.3            | 29,330*          |
| 130                                 | 54.3              | 33,540         | 56.7             | 33,550          | 58.8             | 27,890*         |                  |
| 140                                 | 50.8              | 30,070         | 53.1             | 30,080          | 55.1             | 26,490*         |                  |
| 150                                 | 47.0              | 27,100         | 49.3             | 27,110          | 51.2             | 25,330*         |                  |
| 55' (16.8M) JIB & 160' (48.8M) BOOM | 41                | 81.8           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 79.4           | 60,000*          | 81.9            | 60,000*          |                 |                  |
|                                     | 60                | 76.7           | 60,000*          | 79.1            | 59,090*          | 81.4            | 38,740*          |
|                                     | 70                | 74.0           | 60,000*          | 76.4            | 53,090*          | 78.6            | 38,740*          |
|                                     | 80                | 71.2           | 60,000*          | 73.6            | 47,970*          | 75.8            | 38,740*          |
|                                     | 90                | 68.3           | 55,160           | 70.7            | 43,790*          | 72.9            | 36,670*          |
|                                     | 100               | 65.4           | 47,630           | 67.8            | 40,280*          | 69.9            | 34,240*          |
|                                     | 110               | 62.5           | 41,620           | 64.8            | 39,570*          | 66.9            | 32,120*          |
|                                     | 120               | 59.4           | 37,120           | 61.7            | 37,120           | 63.8            | 30,250*          |
|                                     | 130               | 56.2           | 33,020           | 58.5            | 33,020           | 60.5            | 28,700*          |
| 140                                 | 52.9              | 29,540         | 55.2             | 29,550          | 57.1             | 27,310*         |                  |
| 150                                 | 49.5              | 26,560         | 51.7             | 26,570          | 53.6             | 26,150*         |                  |
| 160                                 | 45.8              | 23,980         | 48.0             | 23,990          | 49.8             | 24,000          |                  |
| 55' (16.8M) JIB & 170' (51.8M) BOOM | 42                | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 79.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                | 77.3           | 60,000*          | 79.6            | 60,000*          | 81.8            | 38,710*          |
|                                     | 70                | 74.7           | 60,000*          | 77.0            | 54,510*          | 79.2            | 38,710*          |
|                                     | 80                | 72.0           | 60,000*          | 74.3            | 49,300*          | 76.5            | 38,710*          |
|                                     | 90                | 69.3           | 54,610           | 71.6            | 45,030*          | 73.7            | 37,580*          |
|                                     | 100               | 66.6           | 47,080           | 68.9            | 41,500*          | 70.9            | 35,020*          |
|                                     | 110               | 63.8           | 41,050           | 66.0            | 40,340*          | 68.0            | 32,900*          |
|                                     | 120               | 60.9           | 36,590           | 63.1            | 36,600           | 65.1            | 31,110*          |
|                                     | 130               | 57.9           | 32,480           | 60.1            | 32,480           | 62.1            | 29,560*          |
| 140                                 | 54.8              | 29,000         | 57.0             | 29,010          | 58.9             | 28,160*         |                  |
| 150                                 | 51.6              | 26,020         | 53.8             | 26,030          | 55.6             | 26,030          |                  |
| 160                                 | 48.3              | 23,440         | 50.4             | 23,450          | 52.1             | 23,450          |                  |
| 170                                 | 44.7              | 21,190         | 46.8             | 21,190          | 48.5             | 21,200          |                  |
| 55' (16.8M) JIB & 180' (54.9M) BOOM | 44                | 81.8           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 80.3           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                | 77.9           | 60,000*          | 80.1            | 60,000*          | 79.6            | 38,700*          |
|                                     | 70                | 75.4           | 60,000*          | 77.6            | 55,610*          | 77.1            | 38,700*          |
|                                     | 80                | 72.8           | 60,000*          | 75.0            | 50,740*          | 74.5            | 38,360*          |
|                                     | 90                | 70.3           | 54,300           | 72.4            | 46,410*          | 71.8            | 35,900*          |
|                                     | 100               | 67.6           | 46,770           | 69.8            | 42,710*          | 69.1            | 33,790*          |
|                                     | 110               | 65.0           | 40,740           | 67.1            | 40,250*          | 66.3            | 31,870*          |
|                                     | 120               | 62.3           | 36,310           | 64.4            | 36,310           | 63.4            | 30,310*          |
|                                     | 130               | 59.4           | 32,190           | 61.6            | 32,190           | 60.5            | 28,730           |
| 140                                 | 56.6              | 28,710         | 58.6             | 28,720          | 57.4             | 25,750          |                  |
| 150                                 | 53.6              | 25,740         | 55.6             | 25,750          | 54.2             | 23,170          |                  |
| 160                                 | 50.4              | 23,160         | 52.5             | 23,160          | 50.8             | 20,910          |                  |
| 170                                 | 47.2              | 20,900         | 49.2             | 20,910          | 47.2             | 18,930          |                  |
| 180                                 | 43.7              | 18,920         | 45.7             | 18,920          |                  |                 |                  |
| 55' (16.8M) JIB & 190' (57.9M) BOOM | 45                | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                | 80.7           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                | 78.4           | 60,000*          | 80.5            | 60,000*          | 80.1            | 38,670*          |
|                                     | 70                | 76.0           | 60,000*          | 78.1            | 56,540*          | 77.6            | 38,670*          |
|                                     | 80                | 73.5           | 60,000*          | 75.7            | 51,980*          | 75.1            | 38,670*          |
|                                     | 90                | 71.1           | 53,770           | 73.2            | 47,590*          | 72.6            | 36,760*          |
|                                     | 100               | 68.6           | 46,230           | 70.7            | 44,070*          |                 |                  |

| Boom and Jib Length                 | Jib Radius (Feet)                   | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                                     | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 55' (16.8M) JIB & 200' (61.0M) BOOM | 110                                 | 66.1           | 40,210           | 68.1            | 40,220           | 70.0            | 34,480*          |
|                                     | 120                                 | 63.5           | 35,790           | 65.5            | 35,790           | 67.4            | 32,630*          |
|                                     | 130                                 | 60.8           | 31,670           | 62.9            | 31,680           | 64.7            | 31,070*          |
|                                     | 140                                 | 58.1           | 28,200           | 60.1            | 28,200           | 61.9            | 28,210           |
|                                     | 150                                 | 55.3           | 25,220           | 57.3            | 25,230           | 59.0            | 25,230           |
|                                     | 160                                 | 52.4           | 22,640           | 54.3            | 22,640           | 56.0            | 22,650           |
|                                     | 170                                 | 49.3           | 20,380           | 51.3            | 20,380           | 52.9            | 20,390           |
|                                     | 180                                 | 46.1           | 18,390           | 48.0            | 18,400           | 49.6            | 18,410           |
|                                     | 190                                 | 42.7           | 16,630           | 44.6            | 16,630           | 46.1            | 16,640           |
|                                     | 55' (16.8M) JIB & 200' (61.0M) BOOM | 46             | 82.0             | 60,000*         |                  |                 |                  |
| 50                                  |                                     | 81.1           | 60,000*          |                 |                  |                 |                  |
| 60                                  |                                     | 78.8           | 60,000*          | 80.9            | 60,000*          |                 |                  |
| 70                                  |                                     | 76.5           | 60,000*          | 78.6            | 57,610*          | 80.5            | 38,650*          |
| 80                                  |                                     | 74.2           | 60,000*          | 76.2            | 53,150*          | 78.1            | 38,650*          |
| 90                                  |                                     | 71.9           | 53,220           | 73.9            | 48,800*          | 75.8            | 38,650*          |
| 100                                 |                                     | 69.5           | 45,670           | 71.5            | 45,100*          | 73.3            | 37,380*          |
| 110                                 |                                     | 67.1           | 40,180           | 69.1            | 40,180           | 70.9            | 35,230*          |
| 120                                 |                                     | 64.6           | 35,240           | 66.6            | 35,250           | 68.4            | 33,390*          |
| 130                                 |                                     | 62.1           | 31,120           | 64.0            | 31,130           | 65.8            | 31,140           |
| 140                                 | 59.5                                | 27,650         | 61.4             | 27,650          | 63.1             | 27,660          |                  |
| 150                                 | 56.8                                | 24,660         | 58.8             | 24,670          | 60.4             | 24,670          |                  |
| 160                                 | 54.1                                | 22,080         | 56.0             | 22,080          | 57.6             | 22,090          |                  |
| 170                                 | 51.2                                | 19,820         | 53.1             | 19,820          | 54.7             | 19,830          |                  |
| 180                                 | 48.3                                | 17,830         | 50.1             | 17,830          | 51.6             | 17,840          |                  |
| 190                                 | 45.1                                | 16,060         | 47.0             | 16,070          | 48.4             | 16,080          |                  |
| 200                                 | 41.8                                | 14,490         | 43.6             | 14,490          | 45.0             | 14,500          |                  |
| 55' (16.8M) JIB & 210' (64.0M) BOOM | 48                                  | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                                  | 81.4           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                                  | 79.2           | 60,000*          | 81.2            | 60,000*          |                 |                  |
|                                     | 70                                  | 77.0           | 60,000*          | 79.0            | 58,560*          | 80.9            | 38,620*          |
|                                     | 80                                  | 74.8           | 60,000*          | 76.8            | 54,070*          | 78.6            | 38,620*          |
|                                     | 90                                  | 72.6           | 52,680           | 74.5            | 49,850*          | 76.3            | 38,620*          |
|                                     | 100                                 | 70.3           | 45,130           | 72.2            | 45,130           | 74.0            | 38,120*          |
|                                     | 110                                 | 68.0           | 39,670           | 69.9            | 39,670           | 71.6            | 36,060*          |
|                                     | 120                                 | 65.6           | 34,720           | 67.5            | 34,720           | 69.3            | 34,160*          |
|                                     | 130                                 | 63.2           | 30,600           | 65.1            | 30,600           | 66.8            | 30,610           |
| 140                                 | 60.8                                | 27,120         | 62.6             | 27,120          | 64.3             | 27,130          |                  |
| 150                                 | 58.2                                | 24,140         | 60.1             | 24,140          | 61.7             | 24,150          |                  |
| 160                                 | 55.7                                | 21,550         | 57.5             | 21,560          | 59.1             | 21,560          |                  |
| 170                                 | 53.0                                | 19,290         | 54.8             | 19,290          | 56.3             | 19,300          |                  |
| 180                                 | 50.2                                | 17,300         | 52.0             | 17,300          | 53.5             | 17,310          |                  |
| 190                                 | 47.3                                | 15,530         | 49.1             | 15,530          | 50.5             | 15,540          |                  |
| 200                                 | 44.2                                | 13,940         | 46.0             | 13,950          | 47.3             | 13,960          |                  |
| 210                                 | 41.0                                | 12,530         | 42.7             | 12,530          | 44.0             | 12,540          |                  |
| 55' (16.8M) JIB & 220' (67.1M) BOOM | 49                                  | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 50                                  | 81.7           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                                  | 79.6           | 60,000*          | 81.5            | 60,000*          |                 |                  |
|                                     | 70                                  | 77.5           | 60,000*          | 79.4            | 59,320*          | 81.2            | 38,600*          |
|                                     | 80                                  | 75.4           | 60,000*          | 77.3            | 54,890*          | 79.0            | 38,600*          |
|                                     | 90                                  | 73.2           | 52,150           | 75.1            | 51,040*          | 76.8            | 38,600*          |
|                                     | 100                                 | 71.0           | 44,590           | 72.9            | 44,590           | 74.6            | 38,600*          |
|                                     | 110                                 | 68.8           | 39,140           | 70.7            | 39,140           | 72.4            | 36,670*          |
|                                     | 120                                 | 66.6           | 34,200           | 68.4            | 34,200           | 70.1            | 34,210           |
|                                     | 130                                 | 64.3           | 30,070           | 66.1            | 30,080           | 67.7            | 30,080           |
| 140                                 | 61.9                                | 26,590         | 63.7             | 26,600          | 65.4             | 26,600          |                  |
| 150                                 | 59.5                                | 23,600         | 61.3             | 23,600          | 62.9             | 23,610          |                  |
| 160                                 | 57.1                                | 21,010         | 58.9             | 21,020          | 60.4             | 21,020          |                  |
| 170                                 | 54.5                                | 18,750         | 56.3             | 18,750          | 57.8             | 18,760          |                  |
| 180                                 | 51.9                                | 16,760         | 53.7             | 16,760          | 55.1             | 16,770          |                  |
| 190                                 | 49.2                                | 14,990         | 50.9             | 14,990          | 52.3             | 15,000          |                  |
| 200                                 | 46.4                                | 13,410         | 48.0             | 13,410          | 49.4             | 13,420          |                  |
| 210                                 | 43.4                                | 11,980         | 45.0             | 11,990          | 46.3             | 12,000          |                  |
| 220                                 | 40.2                                | 10,700         | 41.8             | 10,710          | 43.0             | 10,720          |                  |
| 55' (16.8M) JIB & 230' (70.1M) BOOM | 51                                  | 81.8           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                                  | 80.0           | 60,000*          | 81.8            | 60,000*          |                 |                  |
|                                     | 70                                  | 78.0           | 60,000*          | 79.8            | 60,000*          | 81.5            | 38,580*          |
|                                     | 80                                  | 75.9           | 60,000*          | 77.7            | 55,800*          | 79.4            | 38,580*          |
|                                     | 90                                  | 73.8           | 51,790           | 75.6            | 51,800           | 77.3            | 38,580*          |
|                                     | 100                                 | 71.7           | 44,240           | 73.5            | 44,240           | 75.2            | 38,580*          |
|                                     | 110                                 | 69.6           | 38,820           | 71.4            | 38,820           | 73.0            | 37,420*          |
|                                     | 120                                 | 67.4           | 33,860           | 69.2            | 33,870           | 70.8            | 33,880           |
|                                     | 130                                 | 65.2           | 29,750           | 67.0            | 29,750           | 68.6            | 29,760           |
|                                     | 140                                 | 63.0           | 26,260           | 64.8            | 26,260           | 66.3            | 26,270           |
| 150                                 | 60.7                                | 23,280         | 62.5             | 23,280          | 64.0             | 23,290          |                  |



**LIFT RATINGS IN POUNDS (continued)**

**With 92HI Offset Tip Boom and 172,000 Pound Upper Counterweight, #30 Jib**

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 230' BOOM (con't)                   | 160               | 58.4           | 20,690           | 60.1            | 20,690           | 61.6            | 20,700           |
|                                     | 170               | 56.0           | 18,430           | 57.7            | 18,430           | 59.1            | 18,440           |
|                                     | 180               | 53.5           | 16,440           | 55.2            | 16,440           | 56.6            | 16,450           |
|                                     | 190               | 50.9           | 14,670           | 52.6            | 14,670           | 54.0            | 14,680           |
|                                     | 200               | 48.3           | 13,080           | 49.9            | 13,080           | 51.3            | 13,090           |
|                                     | 210               | 45.5           | 11,660           | 47.1            | 11,660           | 48.4            | 11,670           |
|                                     | 220               | 42.5           | 10,380           | 44.1            | 10,380           | 45.4            | 10,390           |
|                                     | 230               | 39.4           | 9,210            | 41.0            | 9,220            | 42.2            | 9,230            |
| 55' (16.8M) JIB & 240' (73.2M) BOOM | 52                | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                | 80.3           | 60,000*          |                 |                  |                 |                  |
|                                     | 70                | 78.4           | 60,000*          | 80.1            | 60,000*          | 81.8            | 38,550*          |
|                                     | 80                | 76.4           | 60,000*          | 78.2            | 56,670*          | 79.8            | 38,550*          |
|                                     | 90                | 74.4           | 51,270           | 76.1            | 51,280           | 77.8            | 38,550*          |
|                                     | 100               | 72.4           | 43,710           | 74.1            | 43,720           | 75.7            | 38,550*          |
|                                     | 110               | 70.3           | 38,310           | 72.0            | 38,310           | 73.6            | 38,010*          |
|                                     | 120               | 68.2           | 33,360           | 70.0            | 33,360           | 71.5            | 33,370           |
|                                     | 130               | 66.1           | 29,240           | 67.8            | 29,240           | 69.4            | 29,250           |
|                                     | 140               | 64.0           | 25,750           | 65.7            | 25,750           | 67.2            | 25,760           |
|                                     | 150               | 61.8           | 22,760           | 63.5            | 22,770           | 65.0            | 22,770           |
|                                     | 160               | 59.6           | 20,180           | 61.2            | 20,180           | 62.7            | 20,190           |
|                                     | 170               | 57.3           | 17,910           | 58.9            | 17,920           | 60.4            | 17,920           |
|                                     | 180               | 54.9           | 15,920           | 56.6            | 15,920           | 58.0            | 15,930           |
|                                     | 190               | 52.5           | 14,150           | 54.1            | 14,150           | 55.5            | 14,160           |
|                                     | 200               | 50.0           | 12,560           | 51.6            | 12,560           | 52.9            | 12,570           |
| 210                                 | 47.4              | 11,140         | 49.0             | 11,140          | 50.2             | 11,150          |                  |
| 220                                 | 44.6              | 9,850          | 46.2             | 9,860           | 47.4             | 9,860           |                  |
| 230                                 | 41.8              | 8,690          | 43.3             | 8,690           | 44.5             | 8,700           |                  |
| 240                                 | 38.7              | 7,630          | 40.2             | 7,630           | 41.3             | 7,640           |                  |
| 55' (16.8M) JIB & 250' (76.2M) BOOM | 53                | 82.0           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                | 80.7           | 60,000*          |                 |                  |                 |                  |
|                                     | 70                | 78.8           | 60,000*          | 80.5            | 59,630*          |                 |                  |
|                                     | 80                | 76.8           | 60,000*          | 78.6            | 57,290*          | 80.2            | 38,530*          |
|                                     | 90                | 74.9           | 50,730           | 76.6            | 50,740           | 78.2            | 38,530*          |
|                                     | 100               | 73.0           | 43,160           | 74.6            | 43,170           | 76.2            | 38,530*          |
|                                     | 110               | 71.0           | 37,790           | 72.7            | 37,790           | 74.2            | 37,800           |
|                                     | 120               | 69.0           | 32,820           | 70.7            | 32,830           | 72.2            | 32,830           |
|                                     | 130               | 67.0           | 28,700           | 68.6            | 28,710           | 70.1            | 28,710           |
|                                     | 140               | 64.9           | 25,210           | 66.5            | 25,210           | 68.0            | 25,220           |
|                                     | 150               | 62.8           | 22,220           | 64.4            | 22,220           | 65.9            | 22,230           |
|                                     | 160               | 60.7           | 19,630           | 62.3            | 19,630           | 63.7            | 19,640           |
|                                     | 170               | 58.5           | 17,360           | 60.1            | 17,370           | 61.5            | 17,380           |
|                                     | 180               | 56.2           | 15,370           | 57.8            | 15,370           | 59.2            | 15,380           |
|                                     | 190               | 53.9           | 13,600           | 55.5            | 13,600           | 56.9            | 13,610           |
|                                     | 200               | 51.6           | 12,010           | 53.1            | 12,010           | 54.4            | 12,020           |
| 210                                 | 49.1              | 10,590         | 50.6             | 10,590          | 51.9             | 10,600          |                  |
| 220                                 | 46.5              | 9,300          | 48.1             | 9,300           | 49.3             | 9,310           |                  |
| 230                                 | 43.9              | 8,130          | 45.4             | 8,140           | 46.5             | 8,150           |                  |
| 240                                 | 41.0              | 7,070          | 42.5             | 7,070           | 43.6             | 7,080           |                  |
| 250                                 | 38.0              | 6,090          | 39.5             | 6,090           | 40.5             | 6,100           |                  |
| 55' (16.8M) JIB & 260' (79.2M) BOOM | 55                | 81.9           | 60,000*          |                 |                  |                 |                  |
|                                     | 60                | 81.0           | 60,000*          |                 |                  |                 |                  |
|                                     | 70                | 79.1           | 60,000*          | 80.8            | 53,180*          |                 |                  |
|                                     | 80                | 77.3           | 58,460*          | 78.9            | 51,530*          | 80.5            | 38,510*          |
|                                     | 90                | 75.4           | 50,220           | 77.0            | 49,570*          | 78.6            | 38,510*          |
|                                     | 100               | 73.5           | 42,640           | 75.2            | 42,650           | 76.7            | 38,510*          |
|                                     | 110               | 71.6           | 37,270           | 73.2            | 37,270           | 74.7            | 37,280           |
|                                     | 120               | 69.7           | 32,320           | 71.3            | 32,320           | 72.8            | 32,330           |
|                                     | 130               | 67.7           | 28,190           | 69.3            | 28,190           | 70.8            | 28,200           |
|                                     | 140               | 65.7           | 24,690           | 67.4            | 24,690           | 68.8            | 24,700           |
|                                     | 150               | 63.7           | 21,700           | 65.3            | 21,700           | 66.7            | 21,710           |
|                                     | 160               | 61.7           | 19,100           | 63.3            | 19,110           | 64.7            | 19,110           |
|                                     | 170               | 59.6           | 16,840           | 61.2            | 16,840           | 62.5            | 16,850           |
|                                     | 180               | 57.4           | 14,840           | 59.0            | 14,850           | 60.3            | 14,850           |
|                                     | 190               | 55.3           | 13,070           | 56.8            | 13,070           | 58.1            | 13,080           |
|                                     | 200               | 53.0           | 11,480           | 54.5            | 11,480           | 55.8            | 11,490           |
| 210                                 | 50.7              | 10,050         | 52.2             | 10,060          | 53.4             | 10,070          |                  |
| 220                                 | 48.3              | 8,770          | 49.7             | 8,770           | 51.0             | 8,780           |                  |
| 230                                 | 45.7              | 7,600          | 47.2             | 7,600           | 48.4             | 7,610           |                  |
| 240                                 | 43.1              | 6,530          | 44.6             | 6,540           | 45.7             | 6,550           |                  |
| 250                                 | 40.3              | 5,560          | 41.8             | 5,560           | 42.8             | 5,570           |                  |
| 260                                 | 37.4              | 4,660          | 38.8             | 4,670           | 39.8             | 4,680           |                  |

| Boom and Jib Length                 | Jib Radius (Feet)                   | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |  |
|-------------------------------------|-------------------------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|--|
|                                     |                                     | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |  |
| 55' (16.8M) JIB & 270' (82.3M) BOOM | 56                                  | 81.9           | 59,530*          |                 |                  |                 |                  |  |
|                                     | 60                                  | 81.2           | 58,160*          |                 |                  |                 |                  |  |
|                                     | 70                                  | 79.5           | 54,860*          | 81.1            | 47,450*          |                 |                  |  |
|                                     | 80                                  | 77.7           | 52,000*          | 79.3            | 45,640*          | 80.8            | 38,490*          |  |
|                                     | 90                                  | 75.9           | 49,220*          | 77.5            | 44,000*          | 78.9            | 37,670*          |  |
|                                     | 100                                 | 74.0           | 42,100           | 75.6            | 42,110           | 77.1            | 36,690*          |  |
|                                     | 110                                 | 72.2           | 36,770           | 73.8            | 36,770           | 75.2            | 35,770*          |  |
|                                     | 120                                 | 70.3           | 31,800           | 71.9            | 31,810           | 73.3            | 31,810           |  |
|                                     | 130                                 | 68.5           | 27,660           | 70.0            | 27,670           | 71.4            | 27,670           |  |
|                                     | 140                                 | 66.5           | 24,170           | 68.1            | 24,180           | 69.5            | 24,180           |  |
|                                     | 150                                 | 64.6           | 21,170           | 66.1            | 21,180           | 67.5            | 21,190           |  |
|                                     | 160                                 | 62.6           | 18,580           | 64.2            | 18,580           | 65.5            | 18,590           |  |
|                                     | 170                                 | 60.6           | 16,310           | 62.1            | 16,310           | 63.5            | 16,320           |  |
|                                     | 180                                 | 58.6           | 14,310           | 60.1            | 14,320           | 61.4            | 14,330           |  |
|                                     | 190                                 | 56.5           | 12,530           | 58.0            | 12,530           | 59.3            | 12,540           |  |
|                                     | 200                                 | 54.3           | 10,950           | 55.8            | 10,950           | 57.1            | 10,960           |  |
| 210                                 | 52.1                                | 9,510          | 53.6             | 9,520           | 54.8             | 9,530           |                  |  |
| 220                                 | 49.8                                | 8,220          | 51.3             | 8,230           | 52.5             | 8,240           |                  |  |
| 230                                 | 47.5                                | 7,060          | 48.9             | 7,060           | 50.0             | 7,070           |                  |  |
| 240                                 | 45.0                                | 5,990          | 46.4             | 5,990           | 47.5             | 6,000           |                  |  |
| 250                                 | 42.4                                | 5,010          | 43.8             | 5,020           | 44.9             | 5,030           |                  |  |
| 260                                 | 39.7                                | 4,120          | 41.0             | 4,130           | 42.1             | 4,140           |                  |  |
| 55' (16.8M) JIB & 280' (85.3M) BOOM | 58                                  | 81.8           | 48,830*          |                 |                  |                 |                  |  |
|                                     | 60                                  | 81.5           | 48,350*          |                 |                  |                 |                  |  |
|                                     | 70                                  | 79.8           | 45,380*          | 81.3            | 37,580*          |                 |                  |  |
|                                     | 80                                  | 78.0           | 42,620*          | 79.6            | 36,270*          | 81.1            | 31,890*          |  |
|                                     | 90                                  | 76.3           | 40,170*          | 77.8            | 34,690*          | 79.3            | 31,030*          |  |
|                                     | 100                                 | 74.5           | 36,650*          | 76.1            | 33,260*          | 77.5            | 30,030*          |  |
|                                     | 110                                 | 72.7           | 34,750*          | 74.3            | 31,860*          | 75.7            | 29,010*          |  |
|                                     | 120                                 | 70.9           | 31,440           | 72.5            | 30,440*          | 73.9            | 27,960*          |  |
|                                     | 130                                 | 69.1           | 27,310           | 70.6            | 27,310           | 72.0            | 26,980*          |  |
|                                     | 140                                 | 67.3           | 23,820           | 68.8            | 23,820           | 70.2            | 23,830           |  |
|                                     | 150                                 | 65.4           | 20,820           | 66.9            | 20,820           | 68.3            | 20,830           |  |
|                                     | 160                                 | 63.5           | 18,220           | 65.0            | 18,220           | 66.3            | 18,230           |  |
|                                     | 170                                 | 61.6           | 15,950           | 63.1            | 15,960           | 64.4            | 15,960           |  |
|                                     | 180                                 | 59.6           | 13,960           | 61.1            | 13,960           | 62.4            | 13,970           |  |
|                                     | 190                                 | 57.6           | 12,180           | 59.1            | 12,190           | 60.3            | 12,190           |  |
|                                     | 200                                 | 55.5           | 10,590           | 57.0            | 10,590           | 58.2            | 10,600           |  |
| 210                                 | 53.4                                | 9,160          | 54.9             | 9,170           | 56.1             | 9,180           |                  |  |
| 220                                 | 51.3                                | 7,870          | 52.7             | 7,880           | 53.9             | 7,890           |                  |  |
| 230                                 | 49.0                                | 6,700          | 50.4             | 6,710           | 51.6             | 6,720           |                  |  |
| 240                                 | 46.7                                | 5,640          | 48.1             | 5,640           | 49.2             | 5,650           |                  |  |
| 250                                 | 44.3                                | 4,660          | 45.6             | 4,660           | 46.7             | 4,670           |                  |  |
| 260                                 | 41.7                                | 3,760          | 43.1             | 3,770           | 44.1             | 3,780           |                  |  |
| 65' (19.8M) JIB & 170' (51.8M) BOOM | 45                                  | 81.8           | 55,300*          |                 |                  |                 |                  |  |
|                                     | 50                                  | 80.5           | 54,350*          |                 |                  |                 |                  |  |
|                                     | 60                                  | 78.1           | 52,480*          | 80.7            | 47,400*          |                 |                  |  |
|                                     | 70                                  | 75.6           | 50,780*          | 78.2            | 46,300*          | 80.7            | 32,810*          |  |
|                                     | 80                                  | 73.0           | 49,330*          | 75.6            | 42,120*          | 78.1            | 32,810*          |  |
|                                     | 90                                  | 70.5           | 47,820*          | 73.1            | 39,560*          | 75.5            | 31,490*          |  |
|                                     | 100                                 | 67.9           | 46,420*          | 70.4            | 38,510*          | 72.8            | 29,380*          |  |
|                                     | 110                                 | 65.2           | 41,230           | 67.7            | 35,980*          | 70.1            | 27,670*          |  |
|                                     | 120                                 | 62.5           | 36,790           | 65.0            | 33,670*          | 67.3            | 26,050*          |  |
|                                     | 130                                 | 59.7           | 32,670           | 62.2            | 31,740*          | 64.4            | 24,680*          |  |
|                                     | 140                                 | 56.8           | 29,190           | 59.3            | 29,200           | 61.4            | 23,550*          |  |
|                                     | 150                                 | 53.8           | 26,220           | 56.2            | 26,230           | 58.4            | 22,430*          |  |
|                                     | 160                                 | 50.6           | 23,640           | 53.1            | 23,650           | 55.1            | 21,500*          |  |
|                                     | 170                                 | 47.4           | 21,380           | 49.8            | 21,390           | 51.8            | 20,660*          |  |
|                                     | 65' (19.8M) JIB & 180' (54.9M) BOOM | 46             | 81.9             | 54,770*         |                  |                 |                  |  |
|                                     |                                     | 50             | 80.9             | 54,180*         |                  |                 |                  |  |
| 60                                  |                                     | 78.6           | 52,460*          | 81.1            | 47,220*          |                 |                  |  |
| 70                                  |                                     | 76.2           | 51,020*          | 78.7            | 46,270*          | 81.1            | 32,780*          |  |
| 80                                  |                                     | 73.7           | 49,390*          | 76.3            | 43,270*          | 78.6            | 32,780*          |  |
| 90                                  |                                     | 71.3           | 47,960*          | 73.8            | 39,680*          | 76.1            | 32,150*          |  |
| 100                                 |                                     | 68.8           | 46,770*          | 71.3            | 38,840*          | 73.6            | 30,040*          |  |
| 110                                 |                                     | 66.3           | 40,900           | 68.7            | 36,800*          | 71.0            | 28,260*          |  |
| 120                                 |                                     | 63.7           | 36,490           | 66.1            | 34,560*          | 68.3            | 26,670*          |  |
| 130                                 |                                     | 61.0           | 32,370           | 63.4            | 32,380           | 65.6            | 25,390*          |  |
| 140                                 |                                     | 58.3           | 28,900           | 60.7            | 28,900           | 62.8            | 24,150*          |  |
| 150                                 |                                     | 55.5           | 25,920           | 57.9            | 25,930           | 59.9            | 23,020*          |  |
| 160                                 |                                     | 52.6           | 23,340           | 54.9            | 23,340           | 56.9            | 22,090*          |  |
| 170                                 |                                     | 49.5           | 21,090           | 51.8            | 21,090           | 53.8            | 21,100           |  |
| 180                                 |                                     | 46.3           | 19,100           | 48.6            | 19,110           | 50.5            | 19,120           |  |



**LIFT RATINGS IN POUNDS (continued)**

With 92HI Offset Tip Boom and 172,000 Pound Upper Counterweight, #30 Jib

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 65' (19.8M) JIB & 190' (57.9M) BOOM | 47                | 82.0           | 54,660*          |                 |                  |                 |                  |
|                                     | 50                | 81.3           | 54,120*          |                 |                  |                 |                  |
|                                     | 60                | 79.0           | 52,590*          | 81.4            | 47,250*          |                 |                  |
|                                     | 70                | 76.7           | 51,110*          | 79.1            | 46,110*          | 81.4            | 32,760*          |
|                                     | 80                | 74.4           | 49,680*          | 76.8            | 44,270*          | 79.1            | 32,760*          |
|                                     | 90                | 72.1           | 48,310*          | 74.5            | 40,450*          | 76.7            | 32,760*          |
|                                     | 100               | 69.7           | 46,390           | 72.1            | 39,020*          | 74.3            | 30,730*          |
|                                     | 110               | 67.3           | 40,370           | 69.6            | 37,710*          | 71.8            | 28,940*          |
|                                     | 120               | 64.8           | 35,970           | 67.1            | 35,320*          | 69.3            | 27,290*          |
|                                     | 130               | 62.3           | 31,850           | 64.6            | 31,860           | 66.7            | 25,900*          |
|                                     | 140               | 59.7           | 28,380           | 62.0            | 28,380           | 64.1            | 24,640*          |
|                                     | 150               | 57.0           | 25,400           | 59.3            | 25,410           | 61.3            | 23,610*          |
|                                     | 160               | 54.3           | 22,820           | 56.5            | 22,820           | 58.5            | 22,580*          |
| 170                                 | 51.4              | 20,570         | 53.7             | 20,570          | 55.6             | 20,580          |                  |
| 180                                 | 48.5              | 18,580         | 50.7             | 18,580          | 52.5             | 18,590          |                  |
| 190                                 | 45.3              | 16,810         | 47.5             | 16,820          | 49.3             | 16,830          |                  |
| 65' (19.8M) JIB & 200' (61.0M) BOOM | 49                | 81.8           | 54,500*          |                 |                  |                 |                  |
|                                     | 50                | 81.6           | 54,280*          |                 |                  |                 |                  |
|                                     | 60                | 79.4           | 52,920*          | 81.8            | 47,270*          |                 |                  |
|                                     | 70                | 77.2           | 51,380*          | 79.6            | 46,320*          | 81.8            | 32,730*          |
|                                     | 80                | 75.0           | 49,940*          | 77.3            | 45,200*          | 79.5            | 32,730*          |
|                                     | 90                | 72.8           | 48,680*          | 75.1            | 41,450*          | 77.2            | 32,730*          |
|                                     | 100               | 70.5           | 45,830           | 72.8            | 39,160*          | 74.9            | 31,280*          |
|                                     | 110               | 68.2           | 39,800           | 70.4            | 38,370*          | 72.5            | 29,420*          |
|                                     | 120               | 65.8           | 35,430           | 68.1            | 35,430           | 70.1            | 27,910*          |
|                                     | 130               | 63.4           | 31,310           | 65.7            | 31,310           | 67.7            | 26,510*          |
|                                     | 140               | 60.9           | 27,830           | 63.2            | 27,840           | 65.2            | 25,240*          |
|                                     | 150               | 58.4           | 24,850           | 60.6            | 24,850           | 62.6            | 24,110*          |
|                                     | 160               | 55.8           | 22,260           | 58.0            | 22,270           | 59.9            | 22,270           |
| 170                                 | 53.2              | 20,010         | 55.3             | 20,010          | 57.2             | 20,020          |                  |
| 180                                 | 50.4              | 18,020         | 52.5             | 18,020          | 54.3             | 18,030          |                  |
| 190                                 | 47.5              | 16,250         | 49.6             | 16,250          | 51.3             | 16,260          |                  |
| 200                                 | 44.4              | 14,660         | 46.5             | 14,670          | 48.2             | 14,680          |                  |
| 65' (19.8M) JIB & 210' (64.0M) BOOM | 50                | 81.9           | 54,220*          |                 |                  |                 |                  |
|                                     | 60                | 79.8           | 52,820*          |                 |                  |                 |                  |
|                                     | 70                | 77.7           | 51,470*          | 79.9            | 46,350*          |                 |                  |
|                                     | 80                | 75.6           | 50,010*          | 77.8            | 45,420*          | 79.9            | 32,720*          |
|                                     | 90                | 73.4           | 48,880*          | 75.6            | 42,310*          | 77.7            | 32,720*          |
|                                     | 100               | 71.2           | 45,290           | 73.4            | 39,310*          | 75.5            | 31,790*          |
|                                     | 110               | 69.0           | 39,850           | 71.2            | 38,690*          | 73.2            | 30,060*          |
|                                     | 120               | 66.7           | 34,900           | 68.9            | 34,900           | 70.9            | 28,410*          |
|                                     | 130               | 64.4           | 30,780           | 66.6            | 30,790           | 68.6            | 27,040*          |
|                                     | 140               | 62.1           | 27,300           | 64.3            | 27,310           | 66.2            | 25,740*          |
|                                     | 150               | 59.7           | 24,320           | 61.8            | 24,320           | 63.7            | 24,330           |
|                                     | 160               | 57.2           | 21,730           | 59.4            | 21,740           | 61.2            | 21,750           |
|                                     | 170               | 54.7           | 19,470           | 56.8            | 19,470           | 58.6            | 19,480           |
| 180                                 | 52.1              | 17,480         | 54.2             | 17,480          | 55.9             | 17,490          |                  |
| 190                                 | 49.4              | 15,710         | 51.4             | 15,710          | 53.1             | 15,720          |                  |
| 200                                 | 46.5              | 14,130         | 48.5             | 14,140          | 50.2             | 14,140          |                  |
| 210                                 | 43.5              | 12,710         | 45.5             | 12,720          | 47.1             | 12,730          |                  |
| 65' (19.8M) JIB & 220' (67.1M) BOOM | 51                | 82.0           | 54,030*          |                 |                  |                 |                  |
|                                     | 60                | 80.2           | 52,740*          |                 |                  |                 |                  |
|                                     | 70                | 78.1           | 51,550*          | 80.3            | 46,300*          |                 |                  |
|                                     | 80                | 76.1           | 50,270*          | 78.2            | 45,430*          | 80.3            | 32,690*          |
|                                     | 90                | 74.0           | 48,900*          | 76.1            | 43,240*          | 78.2            | 32,690*          |
|                                     | 100               | 71.9           | 44,750           | 74.0            | 40,010*          | 76.0            | 32,380*          |
|                                     | 110               | 69.8           | 39,330           | 71.9            | 38,660*          | 73.9            | 30,560*          |
|                                     | 120               | 67.6           | 34,380           | 69.7            | 34,390           | 71.7            | 28,980*          |
|                                     | 130               | 65.4           | 30,260           | 67.5            | 30,260           | 69.4            | 27,560*          |
|                                     | 140               | 63.2           | 26,780           | 65.3            | 26,780           | 67.1            | 26,260*          |
|                                     | 150               | 60.9           | 23,790           | 63.0            | 23,790           | 64.8            | 23,800           |
|                                     | 160               | 58.5           | 21,200           | 60.6            | 21,200           | 62.4            | 21,210           |
|                                     | 170               | 56.1           | 18,940           | 58.2            | 18,950           | 59.9            | 18,950           |
| 180                                 | 53.7              | 16,950         | 55.7             | 16,950          | 57.4             | 16,960          |                  |
| 190                                 | 51.1              | 15,180         | 53.1             | 15,180          | 54.8             | 15,190          |                  |
| 200                                 | 48.4              | 13,590         | 50.4             | 13,590          | 52.0             | 13,600          |                  |
| 210                                 | 45.6              | 12,170         | 47.6             | 12,180          | 49.2             | 12,190          |                  |
| 220                                 | 42.7              | 10,890         | 44.6             | 10,890          | 46.1             | 10,900          |                  |
| 65' (19.8M) JIB & 230' (70.1M) BOOM | 53                | 81.9           | 53,220*          |                 |                  |                 |                  |
|                                     | 60                | 80.5           | 52,420*          |                 |                  |                 |                  |
|                                     | 70                | 78.5           | 51,160*          | 80.6            | 45,890*          |                 |                  |
|                                     | 80                | 76.6           | 49,870*          | 78.6            | 45,000*          | 80.6            | 32,670*          |
|                                     | 90                | 74.6           | 48,810*          | 76.6            | 44,010*          | 78.6            | 32,670*          |
|                                     | 100               | 72.5           | 44,390           | 74.6            | 40,750*          | 76.5            | 32,670*          |
|                                     | 110               | 70.5           | 38,990           | 72.5            | 38,640*          | 74.4            | 31,050*          |

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 230' BOOM (con't)                   | 120               | 68.4           | 34,040           | 70.5            | 34,040           | 72.3            | 29,490*          |
|                                     | 130               | 66.3           | 29,920           | 68.3            | 29,920           | 70.2            | 28,070*          |
|                                     | 140               | 64.1           | 26,440           | 66.2            | 26,450           | 68.0            | 26,450           |
|                                     | 150               | 62.0           | 23,450           | 64.0            | 23,460           | 65.8            | 23,470           |
|                                     | 160               | 59.7           | 20,870           | 61.7            | 20,870           | 63.5            | 20,880           |
|                                     | 170               | 57.4           | 18,600           | 59.4            | 18,610           | 61.1            | 18,620           |
|                                     | 180               | 55.1           | 16,610           | 57.0            | 16,610           | 58.7            | 16,620           |
|                                     | 190               | 52.7           | 14,840           | 54.6            | 14,840           | 56.2            | 14,850           |
|                                     | 200               | 50.1           | 13,260           | 52.1            | 13,260           | 53.7            | 13,270           |
|                                     | 210               | 47.5           | 11,840           | 49.4            | 11,840           | 51.0            | 11,850           |
|                                     | 220               | 44.8           | 10,550           | 46.7            | 10,560           | 48.2            | 10,570           |
| 230                                 | 41.9              | 9,390          | 43.8             | 9,390           | 45.2             | 9,400           |                  |
| 65' (19.8M) JIB & 240' (73.2M) BOOM | 54                | 82.0           | 52,810*          |                 |                  |                 |                  |
|                                     | 60                | 80.8           | 52,150*          |                 |                  |                 |                  |
|                                     | 70                | 78.9           | 51,040*          | 81.0            | 45,690*          |                 |                  |
|                                     | 80                | 77.0           | 49,920*          | 79.0            | 44,910*          | 80.9            | 32,640*          |
|                                     | 90                | 75.1           | 48,840*          | 77.1            | 44,220*          | 79.0            | 32,640*          |
|                                     | 100               | 73.1           | 43,860           | 75.1            | 41,540*          | 77.0            | 32,640*          |
|                                     | 110               | 71.1           | 38,490           | 73.1            | 38,490           | 75.0            | 31,550*          |
|                                     | 120               | 69.1           | 33,530           | 71.1            | 33,540           | 72.9            | 29,990*          |
|                                     | 130               | 67.1           | 29,410           | 69.1            | 29,420           | 70.9            | 28,460*          |
|                                     | 140               | 65.1           | 25,930           | 67.0            | 25,930           | 68.8            | 25,940           |
|                                     | 150               | 63.0           | 22,940           | 64.9            | 22,940           | 66.6            | 22,950           |
|                                     | 160               | 60.8           | 20,350           | 62.8            | 20,350           | 64.5            | 20,360           |
|                                     | 170               | 58.6           | 18,080           | 60.6            | 18,090           | 62.2            | 18,100           |
| 180                                 | 56.4              | 16,090         | 58.3             | 16,090          | 59.9             | 16,100          |                  |
| 190                                 | 54.1              | 14,320         | 56.0             | 14,320          | 57.6             | 14,330          |                  |
| 200                                 | 51.7              | 12,740         | 53.6             | 12,740          | 55.1             | 12,750          |                  |
| 210                                 | 49.3              | 11,320         | 51.1             | 11,320          | 52.6             | 11,330          |                  |
| 220                                 | 46.7              | 10,030         | 48.5             | 10,030          | 50.0             | 10,040          |                  |
| 230                                 | 44.0              | 8,860          | 45.8             | 8,870           | 47.2             | 8,880           |                  |
| 240                                 | 41.2              | 7,800          | 43.0             | 7,800           | 44.3             | 7,820           |                  |
| 65' (19.8M) JIB & 250' (76.2M) BOOM | 56                | 81.8           | 52,570*          |                 |                  |                 |                  |
|                                     | 60                | 81.1           | 52,180*          |                 |                  |                 |                  |
|                                     | 70                | 79.3           | 51,090*          | 81.2            | 45,560*          |                 |                  |
|                                     | 80                | 77.4           | 49,940*          | 79.4            | 44,910*          | 81.2            | 32,620*          |
|                                     | 90                | 75.6           | 48,860*          | 77.5            | 44,210*          | 79.3            | 32,620*          |
|                                     | 100               | 73.7           | 43,320           | 75.6            | 39,450*          | 77.4            | 32,620*          |
|                                     | 110               | 71.8           | 37,960           | 73.7            | 37,960           | 75.5            | 31,920*          |
|                                     | 120               | 69.8           | 33,010           | 71.8            | 33,010           | 73.5            | 30,370*          |
|                                     | 130               | 67.9           | 28,880           | 69.8            | 28,880           | 71.5            | 28,890           |
|                                     | 140               | 65.9           | 25,390           | 67.8            | 25,390           | 69.5            | 25,400           |
|                                     | 150               | 63.9           | 22,390           | 65.8            | 22,390           | 67.5            | 22,400           |
|                                     | 160               | 61.8           | 19,800           | 63.7            | 19,810           | 65.4            | 19,820           |
|                                     | 170               | 59.7           | 17,540           | 61.6            | 17,540           | 63.2            | 17,550           |
| 180                                 | 57.6              | 15,540         | 59.5             | 15,550          | 61.1             | 15,550          |                  |
| 190                                 | 55.4              | 13,770         | 57.2             | 13,770          | 58.8             | 13,780          |                  |
| 200                                 | 53.1              | 12,190         | 55.0             | 12,190          | 56.5             | 12,200          |                  |
| 210                                 | 50.8              | 10,750         | 52.6             | 10,760          | 54.1             | 10,770          |                  |
| 220                                 | 48.4              | 9,480          | 50.2             | 9,480           | 51.6             | 9,490           |                  |
| 230                                 | 45.9              | 8,310          | 47.6             | 8,310           | 49.1             | 8,320           |                  |
| 240                                 | 43.3              | 7,240          | 45.0             | 7,250           | 46.3             | 7,260           |                  |
| 250                                 | 40.5              | 6,270          | 42.2             | 6,280           | 43.5             | 6,290           |                  |
| 65' (19.8M) JIB & 260' (79.2M) BOOM | 57                | 81.9           | 52,170*          |                 |                  |                 |                  |
|                                     | 60                | 81.4           | 51,920*          |                 |                  |                 |                  |
|                                     | 70                | 79.6           | 50,830*          | 81.5            | 45,210*          |                 |                  |
|                                     | 80                | 77.8           | 49,740*          | 79.7            | 44,540*          | 81.5            | 32,600*          |
|                                     | 90                | 76.0           | 48,810*          | 77.9            | 43,950*          | 79.7            | 32,600*          |
|                                     | 100               | 74.2           | 42,790           | 76.1            | 42,800           | 77.8            | 32,600*          |
|                                     | 110               | 72.3           | 37,450           | 74.2            | 37,450           | 76.0            | 32,420*          |
|                                     | 120               | 70.5           | 32,490           | 72.4            | 32,500           | 74.1            | 30,850*          |
|                                     | 130               | 68.6           | 28,360           | 70.5            | 28,370           | 72.2            | 28,380           |
|                                     | 140               | 66.7           | 24,860           | 68.5            | 24,870           | 70.2            | 24,880           |
|                                     | 150               | 64.8           | 21,870           | 66.6            | 21,880           | 68.2            | 21,890           |
|                                     | 160               | 62.8           | 19,290           | 64.6            | 19,290           | 66.2            | 19,300           |
|                                     | 170               | 60.8           | 17,020           | 62.6            | 17,020           | 64.2            | 17,030           |
| 180                                 | 58.7              | 15,010         | 60.5             | 15,020          | 62.1             | 15,030          |                  |
| 190                                 | 56.6              | 13,240         | 58.4             | 13,240          | 59.9             | 13,250          |                  |
| 200                                 | 54.5              | 11,660         | 56.2             | 11,660          | 57.7             | 11,670          |                  |
| 210                                 | 52.3              | 10,220         | 54.0             | 10,230          | 55.5             | 10,240          |                  |
| 220                                 | 50.0              | 8,940          | 51.7             | 8,950           | 53.1             | 8,960           |                  |
| 230                                 | 47.6              | 7,780          | 49.3             | 7,780           | 50.7             | 7,790           |                  |
| 240                                 | 45.1              | 6,710          | 46.8             | 6,710           | 48.2             | 6,720           |                  |
| 250                                 | 42.6              | 5,730          | 44.2             | 5,740           | 45.5             | 5,750           |                  |
| 260                                 | 39.8              | 4,840          | 41.5             | 4,850           | 42.7             | 4,860           |                  |



**LIFT RATINGS IN POUNDS (continued)**

**With 92HI Offset Tip Boom and 172,000 Pound Upper Counterweight, #30 Jib**

| Boom and Jib Length                 | Jib Radius (Feet)                   | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                                     | Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------------------------|----------------|------------------|-----------------|------------------|-----------------|-------------------------------------|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                                     | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds)                    |                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 65' (19.8M) JIB & 270' (82.3M) BOOM | 58                                  | 82.0           | 51,540*          |                 |                  |                 |                                     | 75' (22.9M) JIB & 210' (64.0M) BOOM | 52                | 82.0           | 42,170*          |                 |                  |                 |                  |
|                                     | 60                                  | 81.6           | 51,350*          |                 |                  |                 |                                     |                                     | 60                | 80.3           | 36,440*          |                 |                  |                 |                  |
|                                     | 70                                  | 79.9           | 50,370*          | 81.8            | 44,310*          |                 |                                     |                                     | 70                | 78.3           | 35,310*          | 80.8            | 31,800*          |                 |                  |
|                                     | 80                                  | 78.2           | 49,430*          | 80.0            | 42,850*          | 81.8            | 32,570*                             |                                     | 80                | 76.2           | 34,380*          | 78.8            | 31,060*          | 81.1            | 28,240*          |
|                                     | 90                                  | 76.4           | 47,160*          | 78.3            | 41,210*          | 80.0            | 32,570*                             |                                     | 90                | 74.2           | 33,470*          | 76.7            | 30,480*          | 79.0            | 27,550*          |
|                                     | 100                                 | 74.7           | 42,250           | 76.5            | 38,370*          | 78.2            | 32,570*                             |                                     | 100               | 72.1           | 32,540*          | 74.5            | 29,540*          | 76.9            | 26,900*          |
|                                     | 110                                 | 72.9           | 36,940           | 74.7            | 36,940           | 76.4            | 32,570*                             |                                     | 110               | 69.9           | 31,720*          | 72.4            | 28,720*          | 74.7            | 25,680*          |
|                                     | 120                                 | 71.1           | 31,980           | 72.9            | 31,980           | 74.6            | 31,220*                             |                                     | 120               | 67.8           | 30,940*          | 70.2            | 27,960*          | 72.5            | 24,230*          |
|                                     | 130                                 | 69.3           | 27,840           | 71.1            | 27,840           | 72.7            | 27,850                              |                                     | 130               | 65.6           | 30,040*          | 68.0            | 27,330*          | 70.2            | 23,070*          |
|                                     | 140                                 | 67.4           | 24,350           | 69.2            | 24,350           | 70.9            | 24,360                              |                                     | 140               | 63.3           | 27,460           | 65.8            | 26,690*          | 67.9            | 21,940*          |
|                                     | 150                                 | 65.6           | 21,350           | 67.3            | 21,350           | 69.0            | 21,360                              |                                     | 150               | 61.1           | 24,470           | 63.5            | 24,480           | 65.6            | 21,000*          |
|                                     | 160                                 | 63.7           | 18,760           | 65.4            | 18,760           | 67.0            | 18,770                              |                                     | 160               | 58.7           | 21,900           | 61.1            | 21,900           | 63.2            | 20,150*          |
|                                     | 170                                 | 61.7           | 16,480           | 63.5            | 16,490           | 65.1            | 16,500                              |                                     | 170               | 56.3           | 19,630           | 58.7            | 19,640           | 60.7            | 19,290*          |
|                                     | 180                                 | 59.8           | 14,490           | 61.5            | 14,490           | 63.0            | 14,500                              |                                     | 180               | 53.8           | 17,640           | 56.2            | 17,640           | 58.2            | 17,650           |
|                                     | 190                                 | 57.7           | 12,710           | 59.5            | 12,720           | 61.0            | 12,720                              |                                     | 190               | 51.3           | 15,870           | 53.6            | 15,870           | 55.6            | 15,880           |
|                                     | 200                                 | 55.7           | 11,130           | 57.4            | 11,130           | 58.9            | 11,140                              |                                     | 200               | 48.6           | 14,290           | 50.9            | 14,290           | 52.8            | 14,300           |
| 210                                 | 53.6                                | 9,690          | 55.3             | 9,700           | 56.7             | 9,710           | 210                                 | 45.8                                | 12,870            | 48.1           | 12,880           | 49.9            | 12,890           |                 |                  |
| 220                                 | 51.4                                | 8,400          | 53.1             | 8,410           | 54.5             | 8,420           | 75' (22.9M) JIB & 220' (67.1M) BOOM | 54                                  | 81.9              | 41,850*        |                  |                 |                  |                 |                  |
| 230                                 | 49.2                                | 7,230          | 50.8             | 7,240           | 52.2             | 7,250           |                                     | 60                                  | 80.7              | 36,400*        |                  |                 |                  |                 |                  |
| 240                                 | 46.8                                | 6,170          | 48.5             | 6,170           | 49.8             | 6,180           |                                     | 70                                  | 78.7              | 36,400*        | 81.1             | 31,850*         |                  |                 |                  |
| 250                                 | 44.4                                | 5,190          | 46.0             | 5,190           | 47.3             | 5,210           |                                     | 80                                  | 76.7              | 34,550*        | 79.1             | 31,120*         | 81.4             | 28,230*         |                  |
| 260                                 | 41.9                                | 4,290          | 43.5             | 4,300           | 44.7             | 4,310           |                                     | 90                                  | 74.7              | 33,680*        | 77.1             | 30,500*         | 79.4             | 27,650*         |                  |
| 65' (19.8M) JIB & 280' (85.3M) BOOM | 60                                  | 81.9           | 46,040*          |                 |                  |                 |                                     |                                     | 100               | 72.7           | 32,760*          | 75.1            | 29,710*          | 77.3            | 27,010*          |
|                                     | 70                                  | 80.2           | 43,270*          |                 |                  |                 |                                     |                                     | 110               | 70.6           | 31,950*          | 73.0            | 28,940*          | 75.2            | 26,100*          |
|                                     | 80                                  | 78.5           | 40,730*          | 80.3            | 34,030*          |                 |                                     |                                     | 120               | 68.6           | 31,180*          | 70.9            | 28,170*          | 73.1            | 24,730*          |
|                                     | 90                                  | 76.8           | 36,990*          | 78.6            | 32,710*          | 80.3            |                                     | 28,640*                             | 130               | 66.5           | 30,420*          | 68.8            | 27,530*          | 71.0            | 23,480*          |
|                                     | 100                                 | 75.1           | 35,070*          | 76.9            | 31,430*          | 78.6            |                                     | 27,810*                             | 140               | 64.3           | 26,930           | 66.7            | 26,880*          | 68.8            | 22,350*          |
|                                     | 110                                 | 73.4           | 33,240*          | 75.2            | 30,130*          | 76.8            | 26,940*                             | 150                                 | 62.1              | 23,940         | 64.5             | 23,950          | 66.5             | 21,410*         |                  |
|                                     | 120                                 | 71.7           | 31,570*          | 73.4            | 28,820*          | 75.0            | 26,090*                             | 160                                 | 59.9              | 21,360         | 62.2             | 21,360          | 64.3             | 20,550*         |                  |
|                                     | 130                                 | 69.9           | 27,480           | 71.7            | 27,490           | 73.3            | 25,130*                             | 170                                 | 57.6              | 19,090         | 59.9             | 19,100          | 61.9             | 19,110          |                  |
|                                     | 140                                 | 68.1           | 23,980           | 69.9            | 23,990           | 71.4            | 23,990                              | 180                                 | 55.3              | 17,100         | 57.5             | 17,100          | 59.5             | 17,110          |                  |
|                                     | 150                                 | 66.3           | 20,990           | 68.0            | 21,000           | 69.6            | 21,000                              | 190                                 | 52.8              | 15,340         | 55.1             | 15,340          | 57.0             | 15,350          |                  |
|                                     | 160                                 | 64.5           | 18,390           | 66.2            | 18,400           | 67.8            | 18,410                              | 200                                 | 50.3              | 13,750         | 52.5             | 13,750          | 54.4             | 13,760          |                  |
|                                     | 170                                 | 62.6           | 16,130           | 64.3            | 16,130           | 65.9            | 16,140                              | 210                                 | 47.7              | 12,330         | 49.9             | 12,330          | 51.7             | 12,340          |                  |
|                                     | 180                                 | 60.7           | 14,130           | 62.4            | 14,130           | 63.9            | 14,140                              | 220                                 | 45.0              | 11,040         | 47.1             | 11,050          | 48.9             | 11,060          |                  |
|                                     | 190                                 | 58.8           | 12,350           | 60.5            | 12,360           | 62.0            | 12,370                              | 75' (22.9M) JIB & 230' (70.1M) BOOM | 55                | 81.9           | 41,460*          |                 |                  |                 |                  |
|                                     | 200                                 | 56.8           | 10,760           | 58.5            | 10,760           | 60.0            | 10,770                              |                                     | 60                | 81.0           | 36,350*          |                 |                  |                 |                  |
|                                     | 210                                 | 54.8           | 9,340            | 56.5            | 9,340            | 57.9            | 9,350                               |                                     | 70                | 79.1           | 36,350*          | 81.4            | 31,700*          |                 |                  |
| 220                                 | 52.7                                | 8,040          | 54.4             | 8,050           | 55.8             | 8,060           | 80                                  |                                     | 77.2              | 34,540*        | 79.5             | 31,100*         | 81.7             | 28,290*         |                  |
| 230                                 | 50.6                                | 6,870          | 52.2             | 6,880           | 53.6             | 6,890           | 90                                  |                                     | 75.2              | 33,730*        | 77.6             | 30,480*         | 79.8             | 27,710*         |                  |
| 240                                 | 48.4                                | 5,800          | 50.0             | 5,810           | 51.3             | 5,820           | 100                                 |                                     | 73.3              | 32,830*        | 75.6             | 29,860*         | 77.8             | 27,090*         |                  |
| 250                                 | 46.1                                | 4,830          | 47.7             | 4,830           | 49.0             | 4,840           | 110                                 |                                     | 71.3              | 32,060*        | 73.6             | 29,200*         | 75.8             | 26,500*         |                  |
| 260                                 | 43.7                                | 3,940          | 45.3             | 3,950           | 46.5             | 3,960           | 120                                 |                                     | 69.3              | 31,290*        | 71.6             | 28,440*         | 73.7             | 25,120*         |                  |
| 75' (22.9M) JIB & 190' (57.9M) BOOM | 50                                  | 81.8           | 42,120*          |                 |                  |                 |                                     |                                     | 130               | 67.3           | 30,070           | 69.6            | 27,690*          | 71.7            | 23,880*          |
|                                     | 60                                  | 79.6           | 36,150*          |                 |                  |                 |                                     |                                     | 140               | 65.2           | 26,590           | 67.5            | 26,590           | 69.6            | 22,750*          |
|                                     | 70                                  | 77.4           | 35,050*          | 80.1            | 31,710*          |                 |                                     | 150                                 | 63.1              | 23,610         | 65.4             | 23,610          | 67.4             | 21,810*         |                  |
|                                     | 80                                  | 75.2           | 33,980*          | 77.9            | 30,930*          | 80.4            | 28,010*                             | 160                                 | 61.0              | 21,020         | 63.2             | 21,020          | 65.2             | 20,870*         |                  |
|                                     | 90                                  | 72.9           | 32,970*          | 75.6            | 30,010*          | 78.1            | 27,230*                             | 170                                 | 58.8              | 18,750         | 61.0             | 18,760          | 63.0             | 18,770          |                  |
|                                     | 100                                 | 70.7           | 32,130*          | 73.3            | 29,180*          | 75.8            | 26,310*                             | 180                                 | 56.6              | 16,760         | 58.8             | 16,770          | 60.7             | 16,770          |                  |
|                                     | 110                                 | 68.3           | 31,330*          | 71.0            | 28,270*          | 73.4            | 24,710*                             | 190                                 | 54.3              | 14,990         | 56.4             | 14,990          | 58.3             | 15,000          |                  |
|                                     | 120                                 | 66.0           | 30,210*          | 68.6            | 27,480*          | 71.0            | 23,350*                             | 200                                 | 51.9              | 13,410         | 54.0             | 13,410          | 55.9             | 13,420          |                  |
|                                     | 130                                 | 63.6           | 29,320*          | 66.2            | 26,840*          | 68.6            | 22,140*                             | 210                                 | 49.4              | 11,990         | 51.6             | 11,990          | 53.3             | 12,000          |                  |
|                                     | 140                                 | 61.1           | 28,390*          | 63.7            | 26,200*          | 66.1            | 21,120*                             | 220                                 | 46.9              | 10,710         | 49.0             | 10,710          | 50.7             | 10,720          |                  |
|                                     | 150                                 | 58.6           | 25,560           | 61.2            | 25,560           | 63.5            | 20,100*                             | 230                                 | 44.2              | 9,540          | 46.3             | 9,550           | 47.9             | 9,560           |                  |
|                                     | 160                                 | 56.0           | 22,970           | 58.6            | 22,980           | 60.8            | 19,250*                             | 75' (22.9M) JIB & 240' (73.2M) BOOM | 57                | 81.8           | 36,690*          |                 |                  |                 |                  |
|                                     | 170                                 | 53.3           | 20,720           | 55.9            | 20,720           | 58.0            | 18,460*                             |                                     | 60                | 81.3           | 36,690*          |                 |                  |                 |                  |
|                                     | 180                                 | 50.6           | 18,730           | 53.0            | 18,730           | 55.2            | 17,780*                             |                                     | 70                | 79.4           | 35,470*          | 81.7            | 31,730*          |                 |                  |
|                                     | 190                                 | 47.6           | 16,970           | 50.1            | 16,980           | 52.2            | 16,990                              |                                     | 80                | 77.6           | 34,600*          | 79.8            | 31,110*          | 82.0            | 28,270*          |
|                                     | 75' (22.9M) JIB & 200' (61.0M) BOOM | 51             | 81.9             | 42,160*         |                  |                 |                                     |                                     |                   | 90             | 75.7             | 33,790*         | 78.0             | 30,520*         | 80.1             |
| 60                                  |                                     | 80.0           | 36,290*          |                 |                  |                 |                                     |                                     | 100               | 73.8           | 33,040*          | 76.1            | 29,890*          | 78.2            | 27,220*          |
| 70                                  |                                     | 77.9           | 35,250*          | 80.5            | 31,790*          |                 |                                     |                                     | 110               | 71.9           | 32,170*          | 74.2            | 29,300*          | 76.2            | 26,590*          |
| 80                                  |                                     | 75.7           | 34,200*          | 78.3            | 31,060*          | 80.8            | 28,120*                             |                                     | 120               | 70.0           | 31,520*          | 72.2            | 28,660*          | 74.3            | 25,510*          |
| 90                                  |                                     | 73.6           | 33,250*          | 76.2            | 30,210*          | 78.6            | 27,440*                             |                                     | 130               | 68.0           | 29,570           | 70.3            | 27,900*          | 72.3            | 24,270*          |
| 100                                 |                                     | 71.4           | 32,450*          | 74.0            | 29,350*          | 76.4            | 26,780*                             |                                     | 140               | 66.1           | 26,080           | 68.3            | 26,080           | 70.3            | 23,140*          |
| 110                                 |                                     | 69.2           | 31,600*          | 71.7            | 28,580*          | 74.1            | 25,170*                             | 150                                 | 64.0              | 23,090         | 66.2             | 23,100          | 68.2             | 22,120*         |                  |
| 120                                 |                                     | 66.9           | 30,710*          | 69.5            | 27,760*          | 71.8            | 23,840*                             | 160                                 | 62.0              | 20,500         | 64.2             | 20,510          | 66.1             | 20,520          |                  |
| 130                                 |                                     | 64.6           | 29,660*          | 67.1            | 27,040*          | 69.4            | 22,620*                             | 170                                 | 59.9              | 18,240         | 62.1             | 18,240          | 64.0             | 18,250          |                  |
| 140                                 |                                     | 62.3           | 27,980           | 64.8            | 26,390*          | 67.0            | 21,530*                             | 180                                 | 57.8              | 16,240         | 59.9             | 16,250          | 61.8             | 16,260          |                  |
| 150                                 |                                     | 59.9           | 25,000           | 62.4            | 25,000           | 64.6            | 20,590*                             | 190                                 | 55.6              | 14,470         | 57.7             | 14,470          | 59.5             | 14,480          |                  |
| 160                                 |                                     | 57.4           | 22,420           | 59.9            | 22,430           | 62.1            | 19,660*                             | 200                                 | 53.3              | 12,890         | 55.4             | 12,890          | 57.2             | 12,900          |                  |
| 170                                 |                                     | 54.9           | 20,160           | 57.3            | 20,160           | 59.5            | 18,900*                             | 210                                 | 51.0              | 11,460         | 53.1             | 11,470          | 54.8             | 11,480          |                  |
| 180                                 |                                     | 52.3           | 18,170           | 54.7            | 18,170           | 56.8            | 18,180                              | 220                                 | 48.6              | 10,180         | 50.6             | 10,180          | 52.3             | 10,190          |                  |
| 190                                 |                                     | 49.5           | 16,410           | 51.9            | 16,410           | 54.0            | 16,420                              | 230                                 | 46.0              | 9,010          | 48.1             | 9,010           | 49.7             | 9,030           |                  |
| 200                                 |                                     | 46.7           | 14,820           | 49.1            | 14,830           | 51.0            | 14,840                              | 240                                 | 43.4              | 7,950          | 45.4             | 7,960           | 47.0             | 7,970           |                  |



**LIFT RATINGS IN POUNDS (continued)**

**With 92HI Offset Tip Boom and 172,000 Pound Upper Counterweight, #30 Jib**

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 75' (22.9M) JIB & 250' (76.2M) BOOM | 58                | 81.9           | 36,570*          |                 |                  |                 |                  |
|                                     | 60                | 81.5           | 36,570*          |                 |                  |                 |                  |
|                                     | 70                | 79.8           | 35,660*          | 82.0            | 31,770*          |                 |                  |
|                                     | 80                | 78.0           | 34,770*          | 80.2            | 31,240*          |                 |                  |
|                                     | 90                | 76.2           | 33,950*          | 78.4            | 30,660*          | 80.4            | 27,910*          |
|                                     | 100               | 74.3           | 33,180*          | 76.5            | 30,030*          | 78.6            | 27,220*          |
|                                     | 110               | 72.5           | 32,410*          | 74.7            | 29,520*          | 76.7            | 26,680*          |
|                                     | 120               | 70.6           | 31,760*          | 72.8            | 28,750*          | 74.8            | 25,820*          |
|                                     | 130               | 68.8           | 29,030           | 70.9            | 28,110*          | 72.9            | 24,660*          |
|                                     | 140               | 66.8           | 25,540           | 69.0            | 25,550           | 70.9            | 23,510*          |
|                                     | 150               | 64.9           | 22,540           | 67.0            | 22,550           | 69.0            | 22,520*          |
|                                     | 160               | 62.9           | 19,960           | 65.0            | 19,960           | 66.9            | 19,970           |
|                                     | 170               | 60.9           | 17,690           | 63.0            | 17,690           | 64.9            | 17,700           |
|                                     | 180               | 58.9           | 15,690           | 61.0            | 15,700           | 62.8            | 15,710           |
|                                     | 190               | 56.8           | 13,920           | 58.8            | 13,920           | 60.6            | 13,930           |
|                                     | 200               | 54.6           | 12,340           | 56.7            | 12,340           | 58.4            | 12,350           |
| 210                                 | 52.4              | 10,910         | 54.4             | 10,920          | 56.2             | 10,930          |                  |
| 220                                 | 50.1              | 9,620          | 52.1             | 9,630           | 53.8             | 9,640           |                  |
| 230                                 | 47.7              | 8,460          | 49.7             | 8,460           | 51.4             | 8,470           |                  |
| 240                                 | 45.3              | 7,390          | 47.2             | 7,390           | 48.8             | 7,410           |                  |
| 250                                 | 42.7              | 6,420          | 44.6             | 6,430           | 46.2             | 6,440           |                  |
| 75' (22.9M) JIB & 260' (79.2M) BOOM | 59                | 82.0           | 40,950*          |                 |                  |                 |                  |
|                                     | 60                | 81.8           | 40,880*          |                 |                  |                 |                  |
|                                     | 70                | 80.1           | 35,560*          |                 |                  |                 |                  |
|                                     | 80                | 78.3           | 34,830*          | 80.5            | 31,120*          |                 |                  |
|                                     | 90                | 76.6           | 33,980*          | 78.7            | 30,580*          | 80.7            | 27,880*          |
|                                     | 100               | 74.8           | 33,260*          | 76.9            | 30,020*          | 78.9            | 27,410*          |
|                                     | 110               | 73.0           | 32,490*          | 75.1            | 29,490*          | 77.1            | 26,760*          |
|                                     | 120               | 71.2           | 31,860*          | 73.3            | 29,020*          | 75.3            | 26,220*          |
|                                     | 130               | 69.4           | 28,520           | 71.5            | 28,260*          | 73.4            | 24,950*          |
|                                     | 140               | 67.6           | 25,020           | 69.7            | 25,020           | 71.5            | 23,910*          |
|                                     | 150               | 65.7           | 22,030           | 67.8            | 22,030           | 69.6            | 22,040           |
|                                     | 160               | 63.8           | 19,440           | 65.9            | 19,440           | 67.7            | 19,450           |
|                                     | 170               | 61.9           | 17,170           | 63.9            | 17,180           | 65.7            | 17,190           |
|                                     | 180               | 59.9           | 15,170           | 61.9            | 15,170           | 63.7            | 15,180           |
|                                     | 190               | 57.9           | 13,390           | 59.9            | 13,400           | 61.7            | 13,410           |
|                                     | 200               | 55.8           | 11,810           | 57.8            | 11,810           | 59.6            | 11,820           |
| 210                                 | 53.7              | 10,380         | 55.7             | 10,390          | 57.4             | 10,400          |                  |
| 220                                 | 51.5              | 9,090          | 53.5             | 9,100           | 55.2             | 9,110           |                  |
| 230                                 | 49.3              | 7,920          | 51.2             | 7,930           | 52.9             | 7,940           |                  |
| 240                                 | 47.0              | 6,860          | 48.9             | 6,860           | 50.5             | 6,870           |                  |
| 250                                 | 44.6              | 5,890          | 46.4             | 5,900           | 48.0             | 5,910           |                  |
| 260                                 | 42.0              | 5,000          | 43.9             | 5,000           | 45.3             | 5,010           |                  |
| 75' (22.9M) JIB & 270' (82.3M) BOOM | 61                | 81.9           | 40,500*          |                 |                  |                 |                  |
|                                     | 70                | 80.4           | 35,600*          |                 |                  |                 |                  |
|                                     | 80                | 78.7           | 34,750*          | 80.7            | 31,080*          |                 |                  |
|                                     | 90                | 77.0           | 34,000*          | 79.0            | 30,600*          | 81.0            | 27,750*          |
|                                     | 100               | 75.3           | 33,230*          | 77.3            | 30,120*          | 79.3            | 27,390*          |
|                                     | 110               | 73.5           | 32,600*          | 75.6            | 29,510*          | 77.5            | 26,940*          |
|                                     | 120               | 71.8           | 31,970*          | 73.8            | 29,110*          | 75.7            | 26,410*          |
|                                     | 130               | 70.0           | 27,990           | 72.1            | 28,000           | 73.9            | 25,340*          |
|                                     | 140               | 68.3           | 24,500           | 70.3            | 24,510           | 72.1            | 24,200*          |
|                                     | 150               | 66.5           | 21,500           | 68.5            | 21,510           | 70.3            | 21,520           |
|                                     | 160               | 64.6           | 18,910           | 66.6            | 18,920           | 68.4            | 18,930           |
|                                     | 170               | 62.8           | 16,650           | 64.7            | 16,650           | 66.5            | 16,660           |
|                                     | 180               | 60.9           | 14,640           | 62.8            | 14,640           | 64.6            | 14,650           |
|                                     | 190               | 58.9           | 12,860           | 60.9            | 12,870           | 62.6            | 12,880           |
|                                     | 200               | 57.0           | 11,280           | 58.9            | 11,280           | 60.6            | 11,290           |
|                                     | 210               | 54.9           | 9,850            | 56.9            | 9,850            | 58.5            | 9,860            |
| 220                                 | 52.9              | 8,560          | 54.8             | 8,570           | 56.4             | 8,580           |                  |
| 230                                 | 50.7              | 7,390          | 52.6             | 7,400           | 54.2             | 7,410           |                  |
| 240                                 | 48.5              | 6,320          | 50.4             | 6,330           | 52.0             | 6,340           |                  |
| 250                                 | 46.2              | 5,350          | 48.1             | 5,350           | 49.6             | 5,360           |                  |
| 260                                 | 43.9              | 4,450          | 45.7             | 4,460           | 47.1             | 4,470           |                  |
| 270                                 | 41.4              | 3,630          | 43.2             | 3,630           | 44.5             | 3,650           |                  |
| 85' (25.9M) JIB & 220' (67.1M) BOOM | 56                | 81.9           | 29,950*          |                 |                  |                 |                  |
|                                     | 60                | 81.1           | 29,570*          |                 |                  |                 |                  |
|                                     | 70                | 79.2           | 28,600*          | 81.9            | 25,320*          |                 |                  |
|                                     | 80                | 77.3           | 27,700*          | 80.0            | 24,430*          |                 |                  |
|                                     | 90                | 75.4           | 26,890*          | 78.0            | 23,680*          | 80.6            | 21,040*          |
|                                     | 100               | 73.4           | 26,170*          | 76.1            | 22,920*          | 78.6            | 20,540*          |
|                                     | 110               | 71.5           | 25,200*          | 74.1            | 22,190*          | 76.5            | 20,040*          |
|                                     | 120               | 69.5           | 24,270*          | 72.1            | 21,590*          | 74.5            | 19,530*          |
|                                     | 130               | 67.4           | 23,540*          | 70.0            | 20,990*          | 72.4            | 19,080*          |
|                                     | 140               | 65.4           | 22,740*          | 68.0            | 20,490*          | 70.3            | 18,700*          |

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 220' BOOM (cont'd)                  | 150               | 63.3           | 22,040*          | 65.9            | 19,900*          | 68.2            | 18,310*          |
|                                     | 160               | 61.1           | 21,380*          | 63.7            | 19,480*          | 66.0            | 17,860*          |
|                                     | 170               | 59.0           | 19,280           | 61.5            | 19,040*          | 63.7            | 17,160*          |
|                                     | 180               | 56.7           | 17,290           | 59.2            | 17,300           | 61.4            | 16,500*          |
|                                     | 190               | 54.4           | 15,520           | 56.9            | 15,520           | 59.1            | 15,530           |
|                                     | 200               | 52.0           | 13,940           | 54.5            | 13,940           | 56.6            | 13,950           |
|                                     | 210               | 49.6           | 12,520           | 52.0            | 12,520           | 54.1            | 12,530           |
|                                     | 220               | 47.0           | 11,230           | 49.4            | 11,230           | 51.4            | 11,250           |
| 85' (25.9M) JIB & 230' (70.1M) BOOM | 57                | 82.0           | 29,730*          |                 |                  |                 |                  |
|                                     | 60                | 81.4           | 29,540*          |                 |                  |                 |                  |
|                                     | 70                | 79.6           | 28,640*          |                 |                  |                 |                  |
|                                     | 80                | 77.7           | 27,810*          | 80.3            | 24,580*          |                 |                  |
|                                     | 90                | 75.9           | 27,040*          | 78.4            | 23,770*          | 80.9            | 21,170*          |
|                                     | 100               | 74.0           | 26,220*          | 76.5            | 23,050*          | 78.9            | 20,560*          |
|                                     | 110               | 72.1           | 25,490*          | 74.6            | 22,350*          | 77.0            | 20,100*          |
|                                     | 120               | 70.2           | 24,550*          | 72.7            | 21,750*          | 75.0            | 19,670*          |
|                                     | 130               | 68.2           | 23,740*          | 70.7            | 21,140*          | 73.0            | 19,240*          |
|                                     | 140               | 66.2           | 22,990*          | 68.7            | 20,640*          | 71.0            | 18,830*          |
| 150                                 | 64.2              | 22,290*        | 66.7             | 20,130*         | 69.0             | 18,450*         |                  |
| 160                                 | 62.2              | 21,190         | 64.6             | 19,620*         | 66.9             | 18,070*         |                  |
| 170                                 | 60.1              | 18,940         | 62.5             | 18,940          | 64.7             | 17,530*         |                  |
| 180                                 | 57.9              | 16,940         | 60.4             | 16,950          | 62.5             | 16,860*         |                  |
| 190                                 | 55.7              | 15,170         | 58.1             | 15,170          | 60.3             | 15,180          |                  |
| 200                                 | 53.5              | 13,590         | 55.9             | 13,590          | 57.9             | 13,600          |                  |
| 210                                 | 51.1              | 12,160         | 53.5             | 12,170          | 55.5             | 12,180          |                  |
| 220                                 | 48.7              | 10,890         | 51.1             | 10,890          | 53.0             | 10,900          |                  |
| 230                                 | 46.2              | 9,720          | 48.5             | 9,720           | 50.4             | 9,740           |                  |
| 85' (25.9M) JIB & 240' (73.2M) BOOM | 59                | 81.9           | 29,690*          |                 |                  |                 |                  |
|                                     | 60                | 81.7           | 29,570*          |                 |                  |                 |                  |
|                                     | 70                | 79.9           | 28,760*          |                 |                  |                 |                  |
|                                     | 80                | 78.1           | 27,870*          | 80.6            | 24,670*          |                 |                  |
|                                     | 90                | 76.3           | 27,090*          | 78.8            | 23,930*          | 81.2            | 21,170*          |
|                                     | 100               | 74.5           | 26,380*          | 77.0            | 23,190*          | 79.3            | 20,690*          |
|                                     | 110               | 72.6           | 25,690*          | 75.1            | 22,570*          | 77.4            | 20,160*          |
|                                     | 120               | 70.8           | 24,850*          | 73.2            | 21,900*          | 75.5            | 19,730*          |
|                                     | 130               | 68.9           | 24,010*          | 71.3            | 21,300*          | 73.6            | 19,290*          |
|                                     | 140               | 67.0           | 23,300*          | 69.4            | 20,780*          | 71.7            | 18,880*          |
| 150                                 | 65.1              | 22,600*        | 67.5             | 20,270*         | 69.7             | 18,580*         |                  |
| 160                                 | 63.1              | 20,690         | 65.5             | 19,840*         | 67.7             | 18,200*         |                  |
| 170                                 | 61.1              | 18,420         | 63.5             | 18,420          | 65.6             | 17,820*         |                  |
| 180                                 | 59.0              | 16,420         | 61.4             | 16,430          | 63.5             | 16,440          |                  |
| 190                                 | 56.9              | 14,650         | 59.3             | 14,650          | 61.4             | 14,670          |                  |
| 200                                 | 54.8              | 13,070         | 57.1             | 13,070          | 59.1             | 13,080          |                  |
| 210                                 | 52.6              | 11,640         | 54.9             | 11,650          | 56.9             | 11,660          |                  |
| 220                                 | 50.3              | 10,360         | 52.6             | 10,370          | 54.5             | 10,380          |                  |
| 230                                 | 47.9              | 9,200          | 50.2             | 9,200           | 52.1             | 9,210           |                  |
| 240                                 | 45.4              | 8,130          | 47.7             | 8,130           | 49.5             | 8,150           |                  |
| 85' (25.9M) JIB & 250' (76.2M) BOOM | 60                | 81.9           | 29,610*          |                 |                  |                 |                  |
|                                     | 70                | 80.2           | 28,870*          |                 |                  |                 |                  |
|                                     | 80                | 78.5           | 28,010*          | 80.9            | 24,860*          |                 |                  |
|                                     | 90                | 76.7           | 27,270*          | 79.1            | 24,060*          | 81.4            | 21,250*          |
|                                     | 100               | 75.0           | 26,540*          | 77.4            | 23,360*          | 79.6            | 20,710*          |
|                                     | 110               | 73.2           | 25,880*          | 75.6            | 22,640*          | 77.8            | 20,300*          |
|                                     | 120               | 71.4           | 25,130*          | 73.8            | 22,030*          | 76.0            | 19,780*          |
|                                     | 130               | 69.6           | 24,310*          | 71.9            | 21,520*          | 74.1            | 19,380*          |
|                                     | 140               | 67.7           | 23,500*          | 70.1            | 20,930*          | 72.3            | 19,010*          |
|                                     | 150               | 65.9           | 22,730           | 68.2            | 20,420*          | 70.3            | 18,630*          |
| 160                                 | 64.0              | 20,140         | 66.3             | 20,000*         | 68.4             | 18,330*         |                  |
| 170                                 | 62.0              | 17,870         | 64.3             | 17,880          | 66.4             | 17,890          |                  |
| 180                                 | 60.1              | 15,880         | 62.4             | 15,880          | 64.4             | 15,890          |                  |
| 190                                 | 58.0              | 14,100         | 60.3             | 14,110          | 62.4             | 14,120          |                  |
| 200                                 | 56.0              | 12,520         | 58.3             | 12,520          | 60.2             | 12,530          |                  |
| 210                                 | 53.9              | 11,090         | 56.1             | 11,100          | 58.1             | 11,110          |                  |
| 220                                 | 51.7              | 9,810          | 53.9             | 9,820           | 55.8             | 9,830           |                  |
| 230                                 | 49.5              | 8,640          | 51.7             | 8,650           | 53.5             | 8,660           |                  |
| 240                                 | 47.1              | 7,580          | 49.3             | 7,580           | 51.1             | 7,590           |                  |
| 250                                 | 44.7              | 6,600          | 46.9             | 6,610           | 48.6             | 6,620           |                  |
| 85' (25.9M) JIB & 260' (79.2M) BOOM | 62                | 81.8           | 29,520*          |                 |                  |                 |                  |
|                                     | 70                | 80.5           | 28,860*          |                 |                  |                 |                  |
|                                     | 80                | 78.8           | 28,160*          | 81.2            | 24,880*          |                 |                  |
|                                     | 90                | 77.1           | 27,400*          | 79.5            | 24,200*          | 81.7            | 21,320*          |
|                                     | 100               | 75.4           | 26,610*          | 77.7            | 23,440*          | 80.0            | 20,790*          |
|                                     | 110               | 73.7           | 25,960*          | 76.0            | 22,800*          | 78.2            | 20,370*          |
| 120                                 | 71.9              | 25,320*        | 74.3             | 22,190*         | 76.4             | 19,860*         |                  |



**LIFT RATINGS IN POUNDS (continued)**

With 92HI Offset Tip Boom and 172,000 Pound Upper Counterweight, #30 Jib

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 260' BOOM (con't)                   | 130               | 70.2           | 24,490*          | 72.5            | 21,590*          | 74.6            | 19,520*          |
|                                     | 140               | 68.4           | 23,770*          | 70.7            | 21,080*          | 72.8            | 19,090*          |
|                                     | 150               | 66.6           | 22,210           | 68.9            | 20,570*          | 71.0            | 18,760*          |
|                                     | 160               | 64.8           | 19,620           | 67.0            | 19,630           | 69.1            | 18,380*          |
|                                     | 170               | 62.9           | 17,360           | 65.2            | 17,360           | 67.2            | 17,370           |
|                                     | 180               | 61.0           | 15,360           | 63.3            | 15,360           | 65.3            | 15,370           |
|                                     | 190               | 59.1           | 13,580           | 61.3            | 13,590           | 63.3            | 13,600           |
|                                     | 200               | 57.1           | 12,000           | 59.3            | 12,000           | 61.3            | 12,020           |
|                                     | 210               | 55.1           | 10,570           | 57.3            | 10,570           | 59.2            | 10,580           |
|                                     | 220               | 53.0           | 9,280            | 55.2            | 9,290            | 57.1            | 9,300            |
|                                     | 230               | 50.9           | 8,110            | 53.0            | 8,120            | 54.9            | 8,130            |
|                                     | 240               | 48.7           | 7,040            | 50.8            | 7,050            | 52.6            | 7,060            |
|                                     | 250               | 46.4           | 6,070            | 48.5            | 6,070            | 50.2            | 6,080            |
|                                     | 260               | 44.0           | 5,180            | 46.1            | 5,190            | 47.8            | 5,200            |
| 85' (25.9M) JIB & 270' (82.3M) BOOM | 63                | 81.9           | 29,470*          |                 |                  |                 |                  |
|                                     | 70                | 80.8           | 28,890*          |                 |                  |                 |                  |
|                                     | 80                | 79.1           | 28,100*          | 81.4            | 24,780*          |                 |                  |
|                                     | 90                | 77.5           | 27,400*          | 79.8            | 24,230*          | 81.9            | 21,340*          |
|                                     | 100               | 75.8           | 26,690*          | 78.1            | 23,620*          | 80.2            | 20,850*          |
|                                     | 110               | 74.2           | 26,050*          | 76.4            | 22,910*          | 78.5            | 20,430*          |
|                                     | 120               | 72.5           | 25,500*          | 74.7            | 22,350*          | 76.8            | 20,010*          |
|                                     | 130               | 70.8           | 24,780*          | 73.0            | 21,750*          | 75.1            | 19,580*          |
|                                     | 140               | 69.0           | 24,060*          | 71.3            | 21,230*          | 73.3            | 19,150*          |
|                                     | 150               | 67.3           | 21,690           | 69.5            | 20,720*          | 71.6            | 18,810*          |
|                                     | 160               | 65.5           | 19,100           | 67.7            | 19,100           | 69.8            | 18,510*          |
|                                     | 170               | 63.7           | 16,830           | 65.9            | 16,830           | 67.9            | 16,850           |
|                                     | 180               | 61.9           | 14,830           | 64.1            | 14,840           | 66.1            | 14,850           |
|                                     | 190               | 60.0           | 13,060           | 62.2            | 13,060           | 64.2            | 13,070           |
| 200                                 | 58.2              | 11,460         | 60.3             | 11,470          | 62.2             | 11,480          |                  |
| 210                                 | 56.2              | 10,040         | 58.4             | 10,040          | 60.2             | 10,050          |                  |
| 220                                 | 54.2              | 8,740          | 56.4             | 8,750           | 58.2             | 8,760           |                  |
| 230                                 | 52.2              | 7,570          | 54.3             | 7,580           | 56.1             | 7,590           |                  |
| 240                                 | 50.1              | 6,510          | 52.2             | 6,520           | 53.9             | 6,530           |                  |
| 250                                 | 47.9              | 5,530          | 50.0             | 5,540           | 51.7             | 5,550           |                  |
| 260                                 | 45.7              | 4,640          | 47.7             | 4,640           | 49.4             | 4,660           |                  |
| 270                                 | 43.3              | 3,810          | 45.3             | 3,820           | 47.0             | 3,830           |                  |
| 95' (29.0M) JIB & 240' (73.2M) BOOM | 61                | 81.9           | 24,720*          |                 |                  |                 |                  |
|                                     | 70                | 80.4           | 23,920*          |                 |                  |                 |                  |
|                                     | 80                | 78.6           | 23,200*          | 81.3            | 19,790*          |                 |                  |
|                                     | 90                | 76.9           | 22,440*          | 79.6            | 19,150*          |                 |                  |
|                                     | 100               | 75.1           | 21,540*          | 77.8            | 18,480*          | 80.4            | 16,260*          |
|                                     | 110               | 73.3           | 20,730*          | 76.0            | 17,880*          | 78.5            | 15,830*          |
|                                     | 120               | 71.5           | 19,960*          | 74.2            | 17,330*          | 76.7            | 15,450*          |
|                                     | 130               | 69.7           | 19,250*          | 72.4            | 16,880*          | 74.8            | 15,060*          |
|                                     | 140               | 67.9           | 18,600*          | 70.5            | 16,360*          | 73.0            | 14,690*          |
|                                     | 150               | 66.0           | 17,990*          | 68.6            | 15,910*          | 71.1            | 14,380*          |
|                                     | 160               | 64.1           | 17,370*          | 66.7            | 15,540*          | 69.1            | 14,120*          |
|                                     | 170               | 62.2           | 16,850*          | 64.8            | 15,160*          | 67.1            | 13,810*          |
|                                     | 180               | 60.2           | 16,400*          | 62.8            | 14,790*          | 65.1            | 13,540*          |
|                                     | 190               | 58.2           | 14,760           | 60.8            | 14,420*          | 63.0            | 13,330*          |
| 200                                 | 56.1              | 13,180         | 58.7             | 13,180          | 60.9             | 13,120*         |                  |
| 210                                 | 54.0              | 11,750         | 56.5             | 11,760          | 58.8             | 11,770          |                  |
| 220                                 | 51.8              | 10,470         | 54.4             | 10,480          | 56.5             | 10,490          |                  |
| 230                                 | 49.6              | 9,300          | 52.1             | 9,310           | 54.2             | 9,320           |                  |
| 240                                 | 47.3              | 8,250          | 49.7             | 8,250           | 51.8             | 8,270           |                  |
| 95' (29.0M) JIB & 250' (76.2M) BOOM | 62                | 82.0           | 24,650*          |                 |                  |                 |                  |
|                                     | 70                | 80.6           | 24,100*          |                 |                  |                 |                  |
|                                     | 80                | 79.0           | 23,360*          | 81.6            | 19,870*          |                 |                  |
|                                     | 90                | 77.3           | 22,650*          | 79.9            | 19,220*          |                 |                  |
|                                     | 100               | 75.6           | 21,740*          | 78.2            | 18,630*          | 80.7            | 16,290*          |
|                                     | 110               | 73.8           | 20,960*          | 76.4            | 18,010*          | 78.9            | 15,860*          |
|                                     | 120               | 72.1           | 20,190*          | 74.7            | 17,480*          | 77.1            | 15,480*          |
|                                     | 130               | 70.3           | 19,420*          | 72.9            | 17,000*          | 75.3            | 15,100*          |
|                                     | 140               | 68.5           | 18,810*          | 71.1            | 16,540*          | 73.5            | 14,790*          |
|                                     | 150               | 66.7           | 18,190*          | 69.3            | 16,090*          | 71.7            | 14,480*          |
|                                     | 160               | 64.9           | 17,590*          | 67.5            | 15,650*          | 69.8            | 14,160*          |
|                                     | 170               | 63.0           | 17,070*          | 65.6            | 15,270*          | 67.9            | 13,900*          |
|                                     | 180               | 61.2           | 15,990           | 63.7            | 14,890*          | 65.9            | 13,620*          |
|                                     | 190               | 59.2           | 14,220           | 61.7            | 14,230           | 64.0            | 13,420*          |
| 200                                 | 57.2              | 12,640         | 59.7             | 12,640          | 61.9             | 12,660          |                  |
| 210                                 | 55.2              | 11,210         | 57.7             | 11,210          | 59.9             | 11,220          |                  |
| 220                                 | 53.2              | 9,920          | 55.6             | 9,930           | 57.7             | 9,940           |                  |
| 230                                 | 51.0              | 8,750          | 53.4             | 8,760           | 55.5             | 8,770           |                  |
| 240                                 | 48.8              | 7,690          | 51.2             | 7,700           | 53.2             | 7,710           |                  |
| 250                                 | 46.5              | 6,720          | 48.9             | 6,720           | 50.9             | 6,740           |                  |

| Boom and Jib Length                 | Jib Radius (Feet) | 5.0 Deg Offset |                  | 15.0 Deg Offset |                  | 25.0 Deg Offset |                  |
|-------------------------------------|-------------------|----------------|------------------|-----------------|------------------|-----------------|------------------|
|                                     |                   | Boom Angle     | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) | Boom Angle      | Ratings (Pounds) |
| 95' (29.0M) JIB & 260' (79.2M) BOOM | 64                | 81.9           | 24,540*          |                 |                  |                 |                  |
|                                     | 70                | 80.9           | 24,100*          |                 |                  |                 |                  |
|                                     | 80                | 79.3           | 23,430*          | 81.8            | 19,960*          |                 |                  |
|                                     | 90                | 77.6           | 22,670*          | 80.2            | 19,300*          |                 |                  |
|                                     | 100               | 76.0           | 21,960*          | 78.5            | 18,680*          | 80.9            | 16,360*          |
|                                     | 110               | 74.3           | 21,110*          | 76.8            | 18,140*          | 79.2            | 15,970*          |
|                                     | 120               | 72.6           | 20,340*          | 75.1            | 17,600*          | 77.5            | 15,590*          |
|                                     | 130               | 70.9           | 19,650*          | 73.4            | 17,070*          | 75.8            | 15,210*          |
|                                     | 140               | 69.2           | 18,970*          | 71.7            | 16,620*          | 74.0            | 14,830*          |
|                                     | 150               | 67.4           | 18,410*          | 69.9            | 16,200*          | 72.2            | 14,570*          |
|                                     | 160               | 65.7           | 17,800*          | 68.1            | 15,750*          | 70.4            | 14,250*          |
|                                     | 170               | 63.9           | 17,260*          | 66.3            | 15,370*          | 68.6            | 13,960*          |
|                                     | 180               | 62.0           | 15,470           | 64.5            | 15,050*          | 66.7            | 13,710*          |
|                                     | 190               | 60.2           | 13,700           | 62.6            | 13,700           | 64.8            | 13,500*          |
| 200                                 | 58.3              | 12,110         | 60.7             | 12,120          | 62.9             | 12,130          |                  |
| 210                                 | 56.4              | 10,690         | 58.8             | 10,690          | 60.9             | 10,700          |                  |
| 220                                 | 54.4              | 9,390          | 56.8             | 9,400           | 58.8             | 9,410           |                  |
| 230                                 | 52.3              | 8,220          | 54.7             | 8,230           | 56.7             | 8,240           |                  |
| 240                                 | 50.2              | 7,160          | 52.6             | 7,170           | 54.6             | 7,180           |                  |
| 250                                 | 48.1              | 6,180          | 50.4             | 6,190           | 52.3             | 6,200           |                  |
| 260                                 | 45.8              | 5,290          | 48.1             | 5,290           | 50.0             | 5,310           |                  |
| 95' (29.0M) JIB & 270' (82.3M) BOOM | 65                | 82.0           | 24,540*          |                 |                  |                 |                  |
|                                     | 70                | 81.2           | 24,190*          |                 |                  |                 |                  |
|                                     | 80                | 79.6           | 23,490*          |                 |                  |                 |                  |
|                                     | 90                | 78.0           | 22,780*          | 80.5            | 19,370*          |                 |                  |
|                                     | 100               | 76.4           | 22,120*          | 78.8            | 18,820*          | 81.2            | 16,400*          |
|                                     | 110               | 74.7           | 21,260*          | 77.2            | 18,200*          | 79.5            | 16,020*          |
|                                     | 120               | 73.1           | 20,570*          | 75.6            | 17,730*          | 77.9            | 15,630*          |
|                                     | 130               | 71.4           | 19,890*          | 73.9            | 17,200*          | 76.2            | 15,250*          |
|                                     | 140               | 69.8           | 19,190*          | 72.2            | 16,740*          | 74.5            | 14,930*          |
|                                     | 150               | 68.1           | 18,620*          | 70.5            | 16,290*          | 72.8            | 14,610*          |
|                                     | 160               | 66.4           | 18,000*          | 68.8            | 15,910*          | 71.0            | 14,310*          |
|                                     | 170               | 64.6           | 16,940           | 67.0            | 15,540*          | 69.2            | 14,060*          |
|                                     | 180               | 62.9           | 14,950           | 65.3            | 14,950           | 67.4            | 13,800*          |
|                                     | 190               | 61.1           | 13,170           | 63.5            | 13,170           | 65.6            | 13,190           |
| 200                                 | 59.3              | 11,580         | 61.6             | 11,590          | 63.7             | 11,600          |                  |
| 210                                 | 57.4              | 10,160         | 59.8             | 10,160          | 61.8             | 10,180          |                  |
| 220                                 | 55.5              | 8,860          | 57.8             | 8,870           | 59.9             | 8,880           |                  |
| 230                                 | 53.5              | 7,690          | 55.9             | 7,700           | 57.9             | 7,710           |                  |
| 240                                 | 51.5              | 6,630          | 53.8             | 6,640           | 55.8             | 6,650           |                  |
| 250                                 | 49.5              | 5,650          | 51.8             | 5,660           | 53.7             | 5,670           |                  |
| 260                                 | 47.3              | 4,750          | 49.6             | 4,760           | 51.5             | 4,770           |                  |
| 270                                 | 45.1              | 3,930          | 47.4             | 3,930           | 49.2             | 3,950           |                  |



## MAXIMUM BOOM & JIB SELF-ERECTION DATA

|                      | BOOM LENGTH (Feet) | JIB LENGTH      |                |                |
|----------------------|--------------------|-----------------|----------------|----------------|
|                      |                    | 16HL JIB (Feet) | #30 JIB (Feet) | #40 JIB (Feet) |
| BLOCKED OVER THE END | 300                | 50              | 0              | 0              |
|                      | 290                | 100             | 0              | 45             |
|                      | 280                | —               | 65             | 75             |
|                      | 270                | —               | 95             | 105            |
| OVER THE SIDE        | 280                | 0               | 0              | 0              |
|                      | 270                | 70              | 0              | 0              |
|                      | 260                | 100             | 35             | 45             |
|                      | 250                | —               | 65             | 75             |
|                      | 240                | —               | 95             | 105            |

## LOAD HOISTING INFORMATION

| 1-1/8" Diameter EEIPS Wire Rope |                       |                                  |                 |
|---------------------------------|-----------------------|----------------------------------|-----------------|
| MAXIMUM LIFTING CAPACITY (lbs.) | MINIMUM PARTS OF LINE | MAXIMUM HOISTING DISTANCE (Feet) |                 |
|                                 |                       | MAIN HOIST                       | AUXILIARY HOIST |
| 550,000                         | 14                    | 90                               | 90              |
| 490,280                         | 12                    | 105                              | 105             |
| 449,420                         | 11                    | 110                              | 110             |
| 408,570                         | 10                    | 130                              | 130             |
| 367,710                         | 9                     | 145                              | 145             |
| 326,850                         | 8                     | 160                              | 160             |
| 286,000                         | 7                     | 185                              | 185             |
| 245,140                         | 6                     | 215                              | 215             |
| 204,280                         | 5                     | 260                              | 260             |
| 163,420                         | 4                     | 325                              | 325             |
| 122,570                         | 3                     | 435                              | 435             |
| 81,710                          | 2                     | 655                              | 655             |
| 40,850                          | 1                     | 1,310                            | 1,310           |

Lifting any load with 14 parts of main fall load line requires the use of the single sheave crossover hanger block. Refer to the [HC275 Operator's Manual](#) for detailed information.

## 16HL JIB LOAD HOISTING INFORMATION

| 1-1/8" Diameter EEIPS Wire Rope |                       |                                  |                 |
|---------------------------------|-----------------------|----------------------------------|-----------------|
| MAXIMUM LIFTING CAPACITY (lbs.) | MINIMUM PARTS OF LINE | MAXIMUM HOISTING DISTANCE (Feet) |                 |
|                                 |                       | MAIN HOIST                       | AUXILIARY HOIST |
| 32,000                          | 1                     | 1,310                            | 1,310           |

## #30 JIB LOAD HOISTING INFORMATION

| 1-1/8" Diameter EEIPS Wire Rope |                       |                                  |                 |
|---------------------------------|-----------------------|----------------------------------|-----------------|
| MAXIMUM LIFTING CAPACITY (lbs.) | MINIMUM PARTS OF LINE | MAXIMUM HOISTING DISTANCE (Feet) |                 |
|                                 |                       | MAIN HOIST                       | AUXILIARY HOIST |
| 60,000                          | 2                     | 655                              | 655             |
| 40,850                          | 1                     | 1,310                            | 1,310           |

## SPECIFICATIONS

|                    |                         |
|--------------------|-------------------------|
| Swing Speed .....  | 1.70 RPM                |
| Travel Speed ..... | .55 MPH High Range      |
| .....              | .37 MPH Low Range       |
| Gradeability ..... | 30% (approximately 17°) |

## BOOM COMPOSITION CHART

| Boom Length (Feet) | Boom Sections  |                 |                 |                 |                 |               |
|--------------------|----------------|-----------------|-----------------|-----------------|-----------------|---------------|
|                    | 25' 92HI Inner | 15' 92HT Center | 20' 92HT Center | 10' 92ST Center | 50' 92ST Center | 40' 92H Outer |
| 65                 | 1              | 0               | 0               | 0               | 0               | 1             |
| 80                 | 1              | 1               | 0               | 0               | 0               | 1             |
| 90                 | 1              | 1               | 0               | 1               | 0               | 1             |
| 100                | 1              | 1               | 1               | 0               | 0               | 1             |
| 110                | 1              | 1               | 1               | 1               | 0               | 1             |
| 120                | 1              | 1               | 1               | 2               | 0               | 1             |
| 130                | 1              | 1               | 0               | 0               | 1               | 1             |
| 140                | 1              | 1               | 0               | 1               | 1               | 1             |
| 150                | 1              | 1               | 1               | 0               | 1               | 1             |
| 160                | 1              | 1               | 1               | 1               | 1               | 1             |
| 170                | 1              | 1               | 1               | 2               | 1               | 1             |
| 180                | 1              | 1               | 0               | 0               | 2               | 1             |
| 190                | 1              | 1               | 0               | 1               | 2               | 1             |
| 200                | 1              | 1               | 1               | 0               | 2               | 1             |
| 210                | 1              | 1               | 1               | 1               | 2               | 1             |
| 220                | 1              | 1               | 1               | 2               | 2               | 1             |
| 230                | 1              | 1               | 0               | 0               | 3               | 1             |
| 240                | 1              | 1               | 0               | 1               | 3               | 1             |
| 250                | 1              | 1               | 1               | 0               | 3               | 1             |
| 260                | 1              | 1               | 1               | 1               | 3               | 1             |
| 270                | 1              | 1               | 1               | 2               | 3               | 1             |
| 280                | 1              | 1               | 0               | 0               | 4               | 1             |
| 290                | 1              | 1               | 0               | 1               | 4               | 1             |
| 300                | 1              | 1               | 1               | 0               | 4               | 1             |

## 16HL JIB COMPOSITION CHART

| Jib Length (Feet) | 20' Inner | 10' Center | 20' Center | 20' Outer |
|-------------------|-----------|------------|------------|-----------|
| 40                | 1         | 0          | 0          | 1         |
| 50                | 1         | 1          | 0          | 1         |
| 60                | 1         | 0          | 1          | 1         |
| 70                | 1         | 1          | 1          | 1         |
| 80                | 1         | 0          | 2          | 1         |
| 90                | 1         | 1          | 2          | 1         |
| 100               | 1         | 0          | 3          | 1         |

## #30 JIB COMPOSITION CHART

| Jib Length (Feet) | 12.5' Inner | 10' Center | 30' Center | 12.5' Outer |
|-------------------|-------------|------------|------------|-------------|
| 35                | 1           | 1          | 0          | 1           |
| 45                | 1           | 2          | 0          | 1           |
| 55                | 1           | 0          | 1          | 1           |
| 65                | 1           | 1          | 1          | 1           |
| 75                | 1           | 2          | 1          | 1           |
| 85                | 1           | 0          | 2          | 1           |
| 95                | 1           | 1          | 2          | 1           |

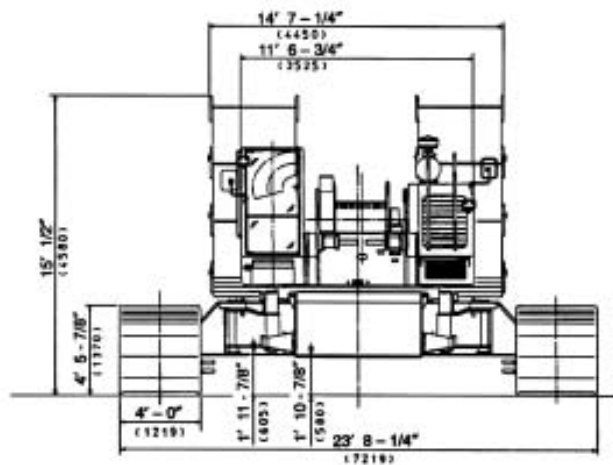
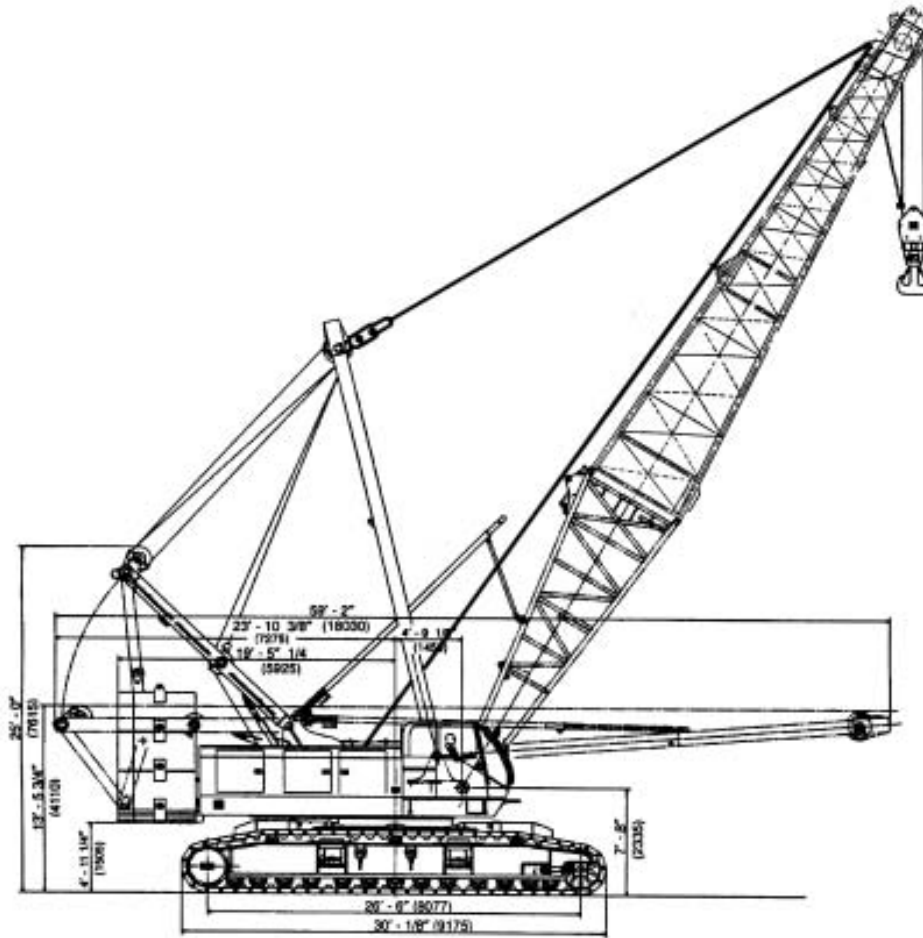
## HOIST DRUM PERFORMANCE

| Rope Layer | MAIN and AUXILIARY HOIST – 1-1/8" Diameter Rope |                  |                              |                  | Total Rope Length |
|------------|---|------------------|------------------------------|------------------|-------------------|
|            | High Range                                      |                  | Low Range                    |                  |                   |
|            | Line Speed (Feet per Minute)                    | Single Line Pull | Line Speed (Feet per Minute) | Single Line Pull |                   |
| 1st*       | 360   | 27,030           | 180                          | 54,055           | 155               |
| 2nd*       | 390   | 24,910           | 195                          | 49,845           | 314               |
| 3rd*       | 420   | 23,105           | 210                          | 46,230           | 496               |
| 4th*       | 450   | 21,560           | 225                          | 43,100           | 680               |
| 5th*       | 480   | 20,195           | 240                          | 40,390           | 885               |
| 6th*       | 510   | 18,980           | 255                          | 37,985           | 1,095             |
| 7th*       | 540   | 17,925           | 270                          | 35,845           | 1,325             |
| 8th**      | 570   | —                | 285                          | —                | 1,560             |
| 9th**      | 600   | —                | 300                          | —                | 1,815             |

\* = Working Layers • \*\* = Storage Layers



## HC 275 GENERAL DIMENSIONS



 **WARNING**

This rating chart is invalid if the crane has been modified or altered by use of other than **GENUINE AMERICAN PARTS** as such modifications or alterations may affect its capacity or safe operation. See American Crane Corporation Service Bulletin #259.

The ratings in this chart are for planning purposes only. Only those ratings specifically assigned to a crane and mounted in the operator's cab or in the Operator's Manual should be used for actual operation.

Ratings in this chart are in POUNDS and do not exceed the percentage of tipping specified for this crane by ANSI B30.5. All ratings require that the crane be standing level on a firm uniformly supporting surface.

Do not lift loads in excess of those shown on this chart. Lifting loads in excess of those shown or operation not in accordance with good operating practice, including limitations shown on page 3499 of Operator's Manual, can cause tipping, structural damage or catastrophic failure.

Asterisk (\*) areas on this chart indicate ratings which are limited by strength of material or factors other than stability (tipping).

"RADIUS IN FEET" is the horizontal distance at ground level from the crane centerline of rotation to a vertical line through the center of gravity of the suspended load.

When using the main boom fall with jib in place, the main fall ratings must be reduced by the jib effective weight shown on the jib rating chart plus twice the weight of all suspended blocks, slings, rope, etc., at the jib fall.

Blocks, slings, buckets and other load carrying devices are considered part of the load. The weight of standard hoisting ropes for the rating at a given radius has been calculated as part of the boom point load and need not be considered in determining net allowable loads.

Ratings shown on this chart make no allowance for such factors as out of plumb loads, wind, poor soil conditions and dynamic effects due to excessive operating speeds. The user (operator) must exercise judgement to make allowance for these conditions. See page 3499 of Operator's Manual for detailed information.

No account is taken of the wind force on the load. This effect, which can be substantial for loads with large surface areas, must be considered by the user. In any wind it is strongly recommended that taglines be used to control the load.

Combinations of boom or boom and jib with a total length exceeding 350 ft (107M) can be operated at full rated capacity only in wind speeds of 15 mph (24 km/h) or less. If lifts are to be performed in winds between 15 mph (24 km/h) and 25 mph (40 km/h), ratings must be reduced 10%. No operation of the above combinations should be attempted in wind speeds over 40 km/h (25 MPH). The above limitations do not take into account loads with excessive surface area which are not restrained by tag lines.

BOOM HOIST LINE is 18 parts of 7/8 inch diameter 6 x 26, WS, FW, RAL, IWRC, EIPS wire rope with a minimum breaking strength of 79,600 pounds.

BOOM PENDANT SUSPENSION is 4 parts of 1-3/8 inch diameter EEIPS wire rope with a minimum breaking strength of 211,000 pounds.

JIB BACKSTAY LINE is 7/8 inch diameter wire rope with a minimum breaking strength of 69,200 pounds.

JIB FRONTSTAY PENDANT SUSPENSION is 2 parts of 7/8 inch diameter wire rope with a minimum breaking strength of 69,200 pounds.

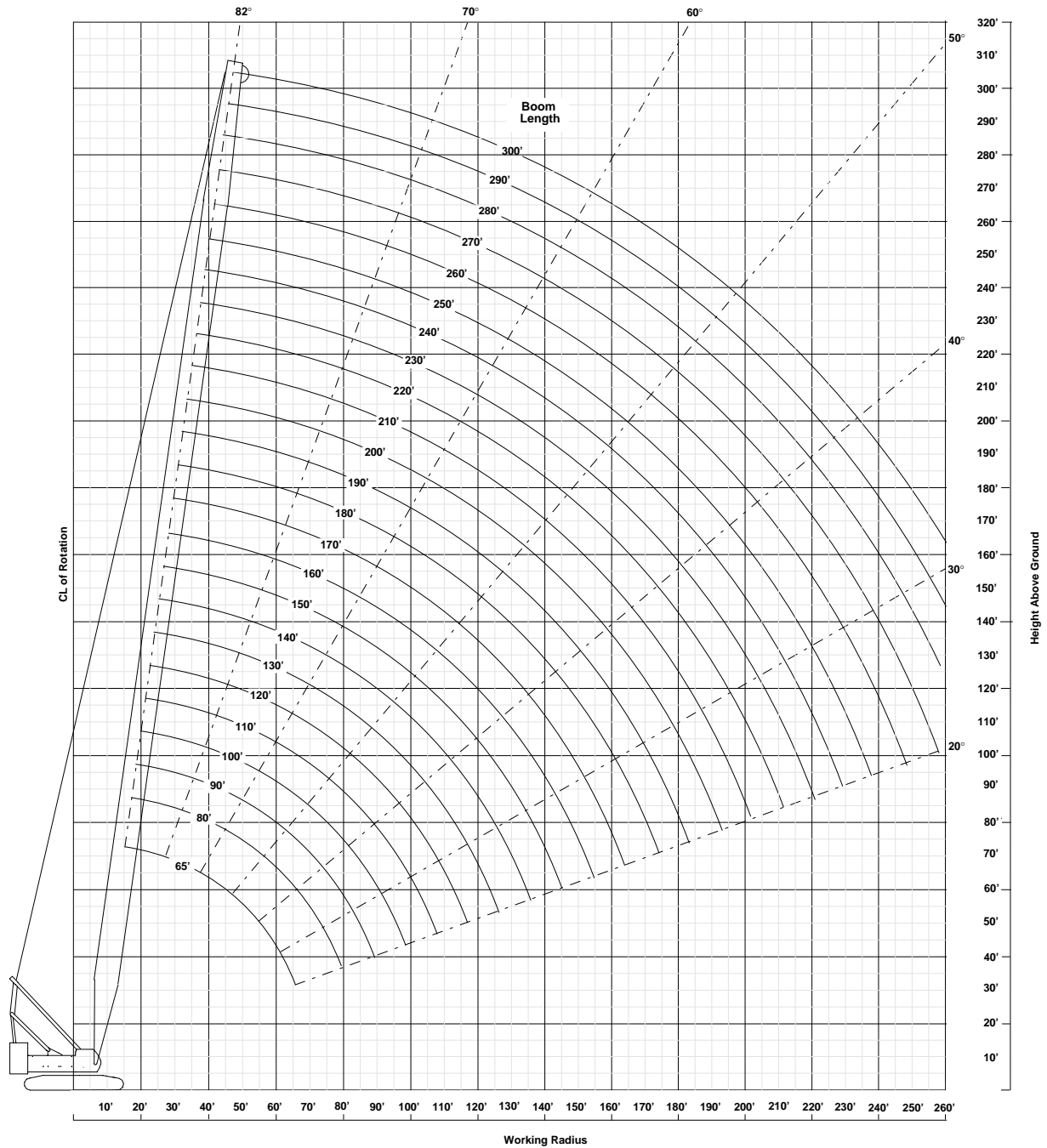
MAIN LOAD LINE is 1-1/8 inch diameter 6x25, FW, RRL, IWRC, EEIPS wire rope with a minimum breaking strength of 143,000 pounds.

WHIPLINE is 1-1/8 inch diameter 6 x 25, FW, RRL, IWRC, EEIPS wire rope with a minimum breaking strength of 143,000 pounds.

**ERECTION**

Erection "BLOCKED OVER THE END" is with the boom over the idler end with idler tumblers blocked (See operator's manual for blocking instructions). Erection "OVER THE SIDE" is with the boom 90° to the side frames. Blocks, slings and other load carrying devices must be on the ground during erection.

## AMERICAN MODEL HC 275 WORKING RANGES WITH 92HI BOOM



For more information, product demonstration, or details on sales, lease and rental plans, please contact your local Terex American Crane Distributor.

We reserve the right to amend these specifications at any time without notice. The only warranty applicable is our standard written warranty applicable to the particular product and sale. We make no other warranty, expressed or implied.

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