



3577C

STANDARD COMPONENTS INCLUDE:

Boom, boom hoist cylinder, 2-speed winch, load line and 5 ton (4,5 mt) overhaul ball, turret, pedestal, sub-frame, dual operator control stations, LMI & ATB protection systems, load chart for multiple spread outriggers, out-down outriggers, out-down rear stabilizers, hydraulic reservoir and boom rest.

HYDRAULICS

- 8-Bolt direct mounted PTO with SAE-C output
- Three-section vane pump, SAE-C input

| Pump Section | 2000 RPM | 2000 RPM |
|-----------------|--------------------|-------------------|
| Shaft End Pump: | 38.4 GPM @ 100 PSI | 145 LPM @ 100 PSI |
| Center Pump: | 27.4 GPM @ 100 PSI | 104 LPM @ 100 PSI |
| Cover End Pump: | 11.2 GPM @ 100 PSI | 42 LPM @ 100 PSI |

- Hydraulic reservoir - 115 gallon (435 liter) capacity

WARNING SYSTEMS

- Wireless LMI with display and crane function shut-offs for overload protection
- Wireless anti-two block system
- Back-up alarm

OPTIONS

- Wired LMI and ATB system
- 22' (6,7 m) Flatbed - wood or 1/8" steel deck
- 22' (6,7 m) Heavy hauler flatbed - 3/16" steel deck w/rub rails
- 24" (610 mm) Bulkhead
- Wire rope type 6 x 25 EIPS IWRC
- Load block - 1 or 3 sheave options
- Auxiliary sheave block for up to 8-part line reeve
- Front center stabilizer for 360° work area
- Gear pump

BOOM

- 35 Ton (31,8 mt) capacity @ 6' (1,8 m) radius
- 3-Section 77' (23,5 m) proportional boom
- 5-Sheave quick reeve boom point

HOIST

- Maximum theoretical line speed 453 fpm (138 mpm)
- Maximum theoretical bottom-layer line pull 14,500 lb (6,577 kg)
- Wire Rope – 380' (115,8 m) 5/8" (16 mm) diameter, rotation resistant

In order to ensure continuous improvement, Manitex reserves the right to change design and specifications without notice.

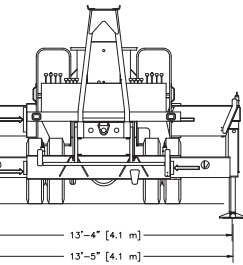
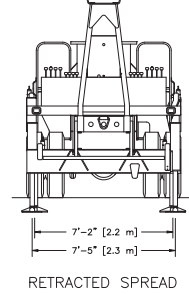
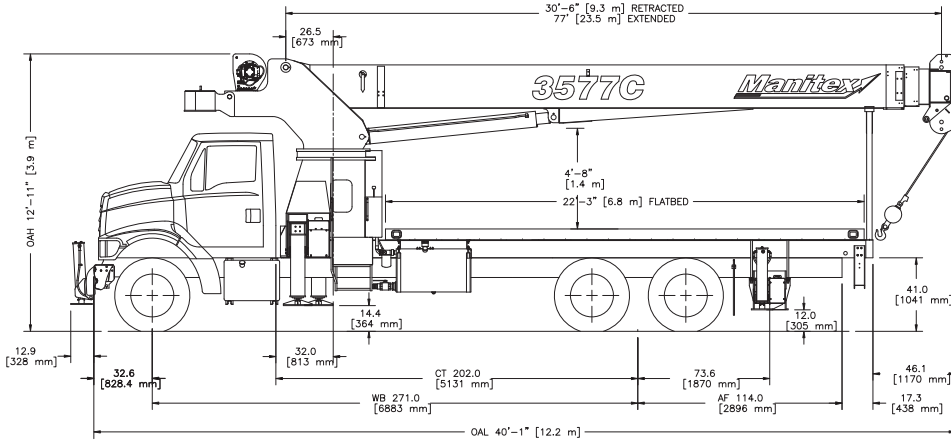
- Hydraulic oil cooler
- Hose reel - boom mounted
- Toolboxes
 - 24" L x 20" W x 18" H (610 mm x 508 mm x 457 mm)
 - 48" L x 18" W x 18" H (1220 mm x 457 mm x 457 mm)
- 2-Person gravity leveled non-rotating basket - 600 lb (272 kg) capacity
- 2-Person gravity leveled rotating (manual) basket - 1,200 lb (544 kg) capacity
- 4-Function radio remote crane control system

MTX-3577C-SS-EN-V3-1111

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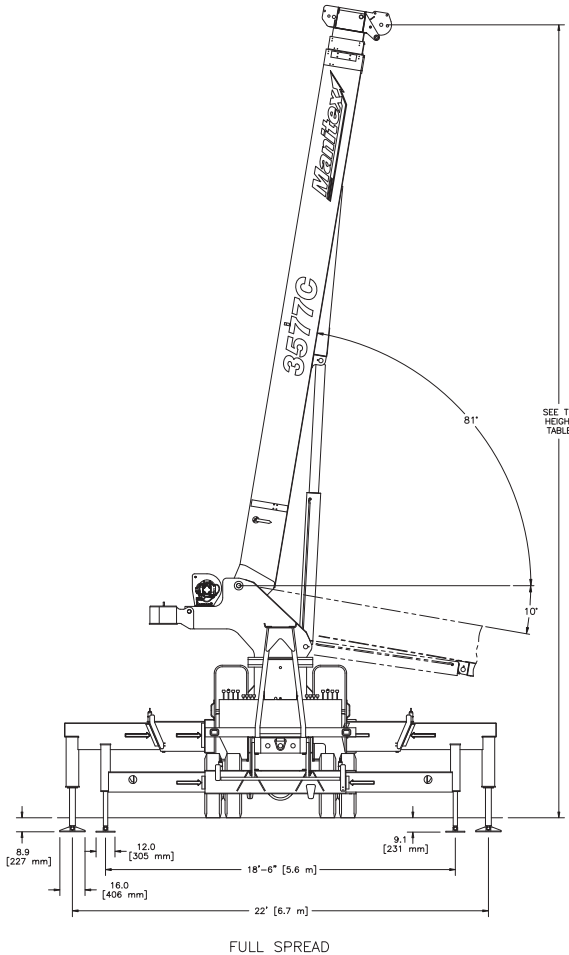


| CHASSIS DATA | 3577C |
|--|--|
| Wheelbase (WB) | 271" 6 883 mm |
| Cab to Axle (CA) | 202" 4 887 mm |
| After Frame (AF) | 114" 2 896 mm |
| Frame Section Modulus for 360° Rotation (Minimum)* | 30 in ³ 125,000 psi 861 875 kPa |
| Front Axle Gross Weight Rating | 20,000 lb 8 165 kg |
| Rear Axle Gross Weight Rating | 40,000 lb 18 144 kg |
| Minimum Truck Axle Weight - Front** | 8,450 lb 3 674 kg |
| Minimum Truck Axle Weight - Back** | 8,300 lb 3 765 kg |
| Nominal Frame Width | 34" 864 mm |

*Also applies to front frame extensions for single front stabilizer.
**Minimum chassis weight is required to meet 85% stability requirements.
Chassis data is general-not for engineering. Some dimensions depend on truck selection.

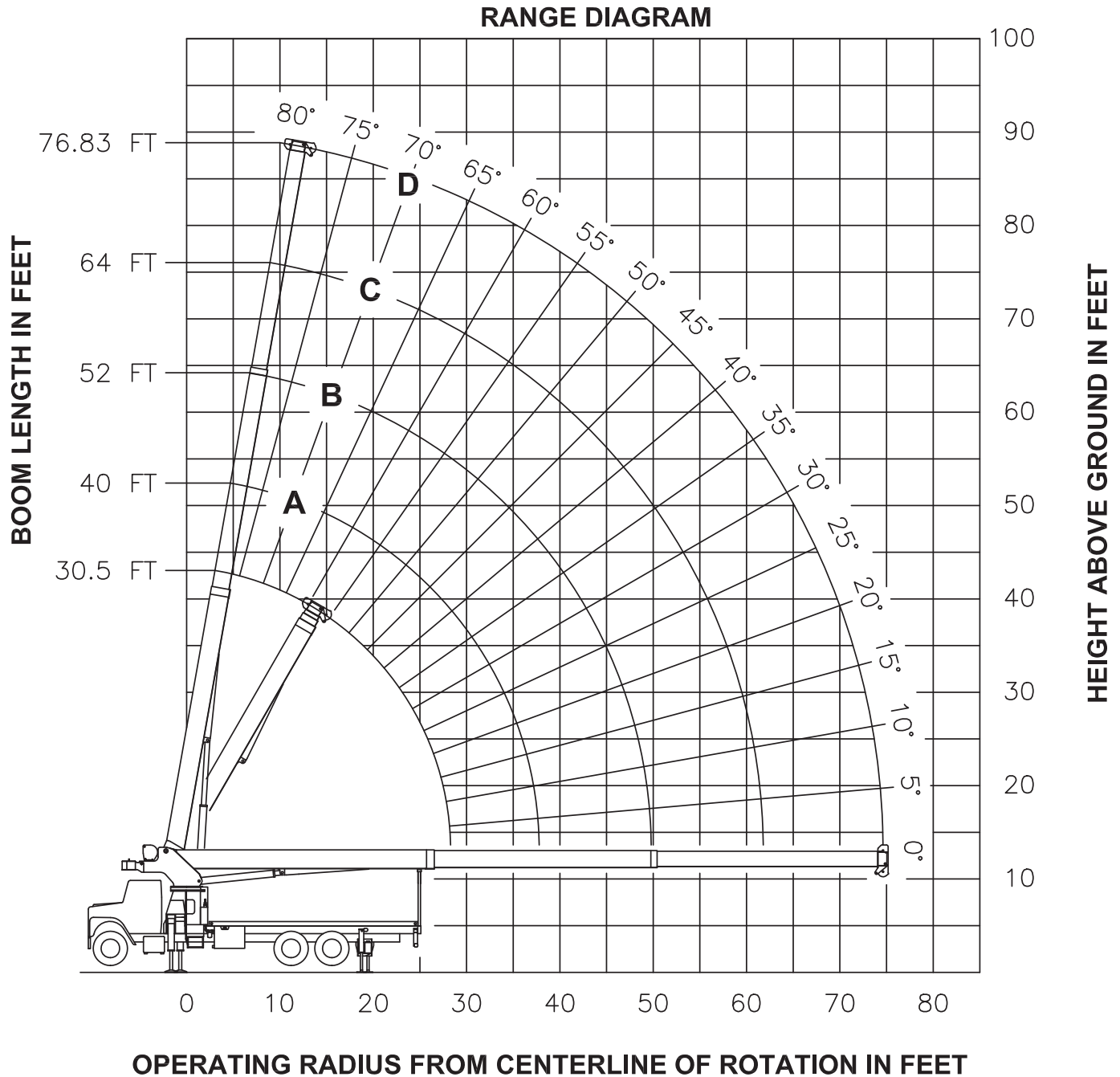
| WEIGHTS | 3577C |
|------------------------|------------------------|
| Total Crane - Standard | 27,450 lb 12 451 kg |
| 22' (6,71 m) Flat Bed | 2,000 lb 907 kg |

| MAXIMUM TIP HEIGHT (A) | 3577C |
|------------------------|--------------------|
| Configuration | Boom 77' 23.5 m |
| Extended Boom | 87'-11" 26.8 m |





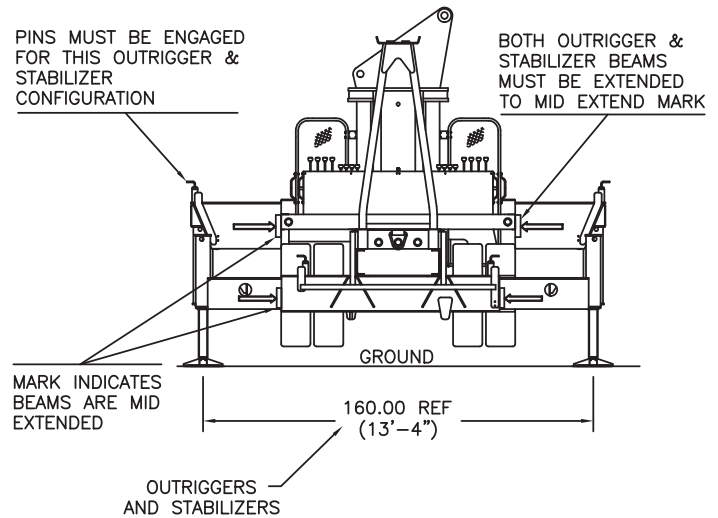
RANGE DIAGRAM - FULL SPREAD CONFIGURATION -



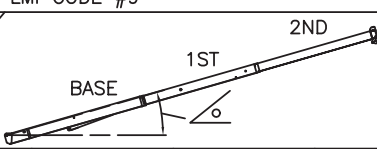
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**USE THIS CHART ONLY
WHEN FRONT
OUTRIGGERS AND REAR
STABILIZERS ARE IN THE
INTERMEDIATE POSITION**



**- INTERMEDIATE SPREAD CONFIGURATION -
(MID EXTEND)**

| MAIN BOOM LOAD RATINGS IN LBS | | | | | | | | | | |
|-------------------------------|-------------------|-------|------------------------|-------|--|-------|----|-------|----|-------|
| LMI CODE #9 | | | | | | | | | | |
| OPERATING RADIUS FT | LOADED BOOM ANGLE | | BOOM LENGTH AND MARKER | |  | | | | | |
| | 30.5FT | 40 FT | 52 FT | 64 FT | 76.83FT | | | | | |
| 6 | 80 | 70000 | | | | | | | | |
| 8 | 75 | 54700 | 79 | 52620 | | | | | | |
| 10 | 71 | 46840 | 76 | 44750 | 80 | 43120 | | | | |
| 12 | 67 | 40980 | 73 | 38930 | 78 | 37490 | 80 | 36240 | | |
| 15 | 61 | 24930 | 69 | 25200 | 74 | 25400 | 78 | 25520 | 80 | 25610 |
| 20 | 48 | 14170 | 60 | 14400 | 68 | 14550 | 73 | 14650 | 77 | 14710 |
| 25 | 32 | 9270 | 51 | 9480 | 62 | 9620 | 68 | 9700 | 73 | 9760 |
| 30 | | | 40 | 6670 | 55 | 6800 | 63 | 6880 | 69 | 6920 |
| 35 | | | 26 | 4860 | 48 | 4980 | 58 | 5050 | 65 | 5090 |
| 40 | | | | | 39 | 3700 | 52 | 3770 | 60 | 3810 |
| 45 | | | | | 28 | 2760 | 46 | 2820 | 55 | 2860 |
| 50 | | | | | | | 39 | 2100 | 51 | 2130 |
| 55 | | | | | | | 30 | 1520 | 45 | 1550 |
| 60 | | | | | | | 17 | 1050 | 39 | 1080 |
| 65 | | | | | | | | | 32 | 690 |

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