



www.crane-works.com



CraneWorks – Calgary
Bay L 8616 44th Street SE
Calgary, AB T2C 2P6
(403) 265-7769 Main
(403) 287-7776 Fax

CraneWorks – Colorado
10200 E. 106th Avenue
Brighton, CO 80601
(303) 286-7555 Main
(303) 286-7595 Fax

CraneWorks – Corp.
7795 E. Little York Road
Houston, TX 77016
(281) 219-7779 Main
(713) 491-9359 Fax

NEW TEREX AC 80-2 100-TON ALL TERRAIN CRANE STANDARD FEATURES

Carrier

- Drive/Steering: 8 x 6 x 6
- Frame: Monobox main frame with outrigger boxes integral, of high-strength fine-grain structural steel
- Outriggers: Four hydraulically telescoping outrigger beams with hydraulic jack legs
- Engine: Water-cooled 6 cylinder Daimler Chrysler engine OM 501 LA, output to DIN: 315 kW (428 hp) at 1800 1/min, max torque 2000 Nm at 1300 1/min, certified in compliance with EURO MOT 3a, Tier 3 and CARB, stainless steel exhaust system with spark arrestor.
- Tank Capacity: 106 gallons
- Transmission: Allison automatic transmission, transfer case with off-road range
- Axles: 1st: steering. 2nd: steering. 3rd: rigid, non-steering, 4th: steering. Axles 1, 2 and 4 with planetary hubs. Differential lock-out control on 2nd axle: longitudinal and transverse. 1st and 4th axle; transverse
- Suspension: Hydropneumatic suspension, all axles hydraulically blockable
- Wheels & Tires: 8 x 14.00 R 25 on 11.25-25 rime; tubeless road-tread tires, all axles single-wheeled
- Steering: Dual-circuit semiblock mechanical steering with hydraulic booster
- Brakes: Service brake – dual-line air system with ABS, acting on all wheels. Parking brake – spring-loaded type. Sustained action brake – engine exhaust brake and constant decompression valve, automatic downhill brake control
- Travel Speed: 50 mph, brake control
- Electrical Equipment: 24V
- 2-Man Driver's Cab: Rubber-mounted steel cab with safety glass, carrier controls, air-sprung and heated driver's and passenger seat with integrated seat belts, height and tilt adjustable steering wheel, electric window winders, electrically adjustable and heated outside mirrors, cruise control, radio with CD-player, rotary beacon, air-conditioning





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Superstructure

- Hydraulic System: Driven off carrier engine at low revs, 1 variable-displacement axial piston pump and separate fixed-displacement pump for 4 simultaneous, independent working movements
- Hoist: Fixed-displacement axial-piston motor, hoist drum with planetary reduction integral and spring-applied holding brake
- Slew Unit: Hydraulic motor with planetary reduction, foot-pedal brake and spring-applied holding brake
- Derricking unit: 1 differential cylinder with pilot-controlled lowering brake valve
- Crane Cab: Spacious all-steel comfortable cab with sliding door and large hinged windscreen, roof window with armored glass, controls and instrumentation for all crane movements, working lights, self-contained hot water heater with timer, thermostat-controlled windscreen washer and wiper with intermittent control, cab tiltable up to 18°, radio with CD-player, air-conditioning
- Main Boom: Boom base and 5 telescopic sections of fine-grain structural steel, telescoping with partial load, buckling-resistant Demag ovaloid design
- Counterweight: 17,600 lb in sections of 11,250 lb, 3,750 lb and 2,650 lb (15,000 lb fitted on superstructure, 2,650 lb hydraulically stowed on carrier deck).
- Top Steer Facility: Included as standard
- Operator Aids: Electronic load indicator with digital read-out for hook load, rated load, boom length, boom angle, load radius, analog display to indicate the capacity utilization. Limit switches on hoist and lowering motions, pressure-relief and safety holding valves
- Hydraulic Servo Control: Hydraulic pilot control through self-centering control levers

OPTIONAL EQUIPMENT

- Drive/Steering: 8 x 8 x 8
- Tires: Optional 16.00 R 25, 17.5 R 25 or 20.5 R 25
- Telma Brake
- Trailer Coupling: For central axle trailers with max 52,920 lb total weight and ABS air hookup: D = 190; D_c = 155; V = 75
- Hoist II: Fixed displacement axial-piston motor, hoist drum with planetary reduction integral and spring-applied holding brake. Hoist II avoids re-reeving of hoist line when using the optional jib
- Main Boom Extension: 1- or 2-part folding jib, 30.2 ft or 57.7 ft. 0°, 20° and 40° offset
- Additional Counterweight: 22,050 lb, integrated into standard counterweight, installed hydraulically by the crane itself
- Heavy-lift Attachment: Additional sheaves on boom head for duties over 132,300 lb
- Heavy-lift Runner: 3.9 ft long, 1-sheave





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- Centralized lubrication carrier
- Stowing Point for Hook Block: For 1 sheave and 3-sheaves hook blocks or for 5-sheaves hook block, for single line hook block
- Tackle box on the rear of the carrier

NET SELLING PRICE:..... \$ Please Call
Price is Exworks CraneWorks, Inc. – Houston, TX

TEXAS: (281) 219-7779
COLORADO: (303) 286-7555

