



Rough Terrain Crane Features | RT500-1 Series

ROUGH TERRAIN RT500-1 SERIES



FEATURES

- ▶ 50-55 tons (45-50 mt) maximum lifting capacity
- ▶ 110' (33.5 m) maximum boom length
- ▶ 170' (51.8 m) maximum tip height
- ▶ Four-section full power mechanically synchronized boom with single lever control
- ▶ Swingaway jib offsettable 0°, 15° or 30°
- ▶ Two-speed main and auxiliary winches
- ▶ Quick-reeving boom head and hook block
- ▶ Fully independent multi-position out and down outriggers
- ▶ Environmental operator's cab optimizes load visibility and productivity
- ▶ Electro-proportional joystick control
- ▶ RCI 510 Rated Capacity Indicator
- ▶ Easy to read load chart books include range diagrams
- ▶ Twelve month or 2,000 hour crane warranty and five year or 10,000 hours warranty on major weldments

RT500-1 SERIES
ROUGH TERRAIN CRANES

Max. Lifting Capacity: 50-55 tons (45-50 mt)

FEATURES

- ▶ High strength, four plate construction welded inside and out with stamped impressions to reduce weight.
- ▶ Single boom hoist cylinder provides boom elevation of -4° to 76° for easier reeving changes and close radius operation.
- ▶ Quick-reeving boom head; no need to remove wedge and socket from rope.
- ▶ 360° house lock standard.

ENVIRONMENTAL OPERATOR'S CAB

- ▶ Rated Capacity Indicator (RCI) system including anti-two block system with automatic function disconnects.
- ▶ Deluxe six-way adjustable operator's seat has mechanical suspension and adjustable head and arm rests.
- ▶ Sound and weather insulated for comfort.
- ▶ Removable front window, hinged tinted glass skylight and sliding right-hand window.
- ▶ Armrest mounted dual axis controls for winch(s), swing and boom elevation; foot control pedals for swing brake, boom telescope and throttle.
- ▶ Modular transmission shift and wiper controls.
- ▶ Propane heater/defroster.
- ▶ Twelve volt power outlet.
- ▶ Cup holder in dashboard.
- ▶ Complete instrumentation.
- ▶ Environmentally-sealed rocker switches.
- ▶ Circuit breakers in cab.

RUGGED EASY-TO-MANEUVER CARRIER

- ▶ Box-type chassis construction with reinforcing cross members.
- ▶ Chassis is Terex designed and built with 4 x 4 x 4 drive.
- ▶ Full power-shift transmission with integral torque converter; neutral safety start; six speeds forward and reverse.
- ▶ Hydraulic four-wheel power steering for two-wheel, four-wheel or crab steer.
- ▶ Split system air over hydraulic disc brakes on all four wheels.



- ▶ Fully independent hydraulic outriggers may be utilized fully extended to 22' (6.91 m), in their half extended position, or fully retracted, with aluminum pads.
- ▶ Tail swing only 11'6" (3.5 m).
- ▶ Standard electronic QSB5.9 185HP (139KW) Tier-II compliant Cummins diesel engine.
- ▶ 80 gal (303 L) fuel tank.
- ▶ Earthmover style 26.50 x 25, 26 P.R. tires standard.

POWERFUL, TWO-SPEED MAIN & AUXILIARY WINCHES, STANDARD

- ▶ 533 fpm (163 m/min) maximum line speed, 15,639 lb (7 093 kg) maximum line pull, 11,250 lb (5 102 kg) permissible line pull.
- ▶ Integral automatic brake.
- ▶ Electronic drum rotation indicators.
- ▶ Winch drum rollers, grooved drum, tapered drum flanges.

HIGH CAPACITY, DEPENDABLE HYDRAULIC SYSTEM

- ▶ Three gear pumps driven off the transmission. Combined system capability is 119 gpm (450 lpm).
- ▶ Hydraulic reservoir with 112 gal (424 L) capacity and full flow oil filtration system.

OPTIONS INCLUDE

32' or 33 to 57' (9.68 or 10.15 to 17.30 m) swing-on jib • Both off-set 0° , 15° or 30° • Hydraulic heater/defroster, air conditioner, Diesel heater/defroster • Cold weather starting aid, 21.00 x 25, 28 P.R. tires • Work lights • AM/FM cassette radio • Revolving amber light, 360° spotlight • Pintle hook front and rear • Independent rear wheel steering • Tire inflation kit

TEREX Cranes

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