



## Rough Terrain Crane Features | RT300-1 Series

# ROUGH TERRAIN CRANE RT300-1 SERIES



### FEATURES

- ▶ 30-35 tons (27-32 mt) maximum lifting capacity
- ▶ 94' (28.6 m) maximum boom length
- ▶ 147' (44.8 m) maximum tip height
- ▶ Four-section full power, mechanically synchronized boom with single pedal 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 controls
- ▶ RCI 510 load system Rated Capacity Indicator
- ▶ Easy access for routine servicing of the engine, transmission, batteries, etc. provided by hinged lockable access doors.
- ▶ Easy to read load chart books include range diagrams
- ▶ 12-month or 2000 hours warranty, major weldments are 5-years or 10,000 hours

**RT300-1 SERIES**
**ROUGH TERRAIN CRANES**

RT 330-1 - 30 tons (27 mt)  
 RT 335-1 - 35 tons (32 mt)

**FEATURES**

- ▶ 94' (28.6 m) four-section, full-power, mechanically synchronized boom with single pedal control.
- ▶ High strength, four plate construction welded inside and out with embossed side plate holes to reduce weight and increase strength.
- ▶ Single boom hoist cylinder provides boom elevation of -5° to 76° for easier reeving changes and close radius operation.
- ▶ Quick-reeving boom head; no need to remove wedge from socket.
- ▶ 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.
- ▶ Full power-shift transmission with integral torque converter; neutral start; 6 speeds forward and reverse.
- ▶ Hydraulic four-wheel power steering for 2-wheel, 4-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' (6.71 m), in their 1/2 extended position, or fully

retracted. With aluminum pads.

- ▶ Tail swing only 9' (2.74 m).
- ▶ Standard Cummins QSB5.9 155 hp (116 kw) Tier II compliant diesel engine.
- ▶ 50 gal (189 L) fuel tank.
- ▶ Easy access for routine servicing of the engine, transmission, batteries, etc. is provided by hinged lockable access doors without the need to unbolt access panels.
- ▶ Engine compartment access doors (4), and operators cab are all keyed alike.
- ▶ All outside compartments and fluid reservoir access doors/caps have lockable latches or are equipped with padlock hasps.
- ▶ Tachometer and rear axle centering light standard.
- ▶ Standard Cummins QSB5.9 215 horsepower engine. (161 kW)
- ▶ Earthmover style 29.50 x 25 28 P.R. tires.


**POWERFUL, TWO-SPEED WINCHES**

- ▶ 533 fpm (162.5 m/min) maximum line speed, 15,639 lb (7 093 kg) maximum line pull. Single pedal control.
- ▶ Integral automatic brake.
- ▶ Electronic drum indicators.
- ▶ Grooved drum, tapered flanges, and spring loaded cable roller for improved spooling.

**HIGH CAPACITY DEPENDABLE HYDRAULIC SYSTEM**

- ▶ Three gear pumps driven off the transmission. Combined system capability is 119 gpm (450 lpm).
- ▶ Hydraulic reservoir with 114 gal. (432 l) capacity and full flow oil filtration system.

**OPTIONS INCLUDE**

32' or 32 to 49' (9.75 or 9.75 to 14.93 m) swing-on jib. Both offset 0°, 15° or 30° • Auxiliary winch with rope • Hydraulic Heater/defroster, air conditioner • Cold weather starting aid • 21:00 x 25, 28 P.R. tires. • AM/FM cassette radio • Revolving amber light, 360° spotlight • Pintle hook front and rear • Independent rear wheel steering • Tire inflation kit.

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