



# RT500-1 SERIES

## 50-55 US Ton Rough Terrain Crane



### FEATURES

- 50-55 tons (45-50 mt)  
maximum lifting capacity
- 110 ft. (33.5 m)  
maximum boom length
- 170 ft. (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 opti-  
mizes load visibility and productivity
- Electro-proportional joystick control
- RCI 510 Rated Capacity Indicator
- Easy to read load chart books include  
range diagrams
- 12 month or 2,000 hour crane  
warranty and 5 year or 10,000 hours  
warranty on major weldments

**Simple, Available  
and Cost Effective™**

Machines shown may have optional equipment.



# TEREX RT 500-1 SERIES

## Rough Terrain Cranes

RT 550-1 – 50-1 tons (45 mt)

RT 555-1 – 55-1 tons (50 mt)

### 110 ft. (33.5 m) FOUR-SECTION, FULL-POWER, MECHANICALLY SYNCHRONIZED BOOM WITH SINGLE LEVER CONTROL

- 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.
- 12 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 4x4x4 drive.



- Full power-shift transmission with integral torque converter; neutral safety 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 ft. (6.91 m), in their 1/2 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 gallon (303 L) fuel tank.
- Earthmover style 26.50 x 25, 26 P.R. tires standard.
- Rear axle centering light standard.

### POWERFUL, TWO-SPEED MAIN & AUXILIARY WINCHES, STANDARD

- 533 fpm (163 m/min) maximum line speed, 15,639 lbs. (7093 kg) maximum line pull, 11,250 lbs. (5102 kg) permissible line pull.
- Integral automatic brake.
- Electronic drum 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 ft. or 33 to 57 ft. (9.68 or 10.15 to 17.30 m) swing-on jib. Both offset 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.
- Pintel hook front and rear.
- Independent rear wheel steering.
- Tire inflation kit.

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



# TEREX

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