

RTC 8050

II
SERIES
II



50-ton (50 mt) Rough Terrain Crane

- 35.5-110 ft (10.8-33.5m) four-section "diamond embossed" full power boom with quick reeve boom head
- Two boom extend modes: A-max and standard boom lifting capacities
- Optional 28.5-51 ft (8.7-15.5m) two-piece fly with offset of 2°, 20°, and 40°
- 168 ft (51.2m) maximum tip height
- No deducts for stowed attachments
- 15,390 lbs (6 980kg) maximum winch pull line
- 455 fpm (139m/min) maximum winch line speed
- Pilot-operated hydraulic controllers
- 4x2 and 4x4 drive with 23.5x25 tires
- Four steering modes: independent front, combination, crab, independent rear
- 6-speed power shift transmission
- 4-link rear suspension with optional Hydro-gas ride

Link-Belt
C R A N E S



RTG 8050

SERIES II

50-ton (50 mt) Rough Terrain Crane

Remarkable control, reliability and capacity performance

- Powerful diesel engine and direct coupled transmission
- **Hydraulic disc brakes** for both service brakes and parking brake
- Weather proof electrical connectors and relays throughout for outstanding long-term reliability
- **Color coded and numbered wiring** is protected by a flame retardant polyethylene insulation
- Full lighting package includes cab lights, headlights, turn indication, marker, backup, and stop
- **Powder-coated tubing** is utilized throughout the crane
- **Pre-painted components** and plated hardware
- O-ring face sealed hydraulic components with staggered fittings
- Well organized electrical and hydraulic *routings* throughout



Full power boom with attachment flexibility

- **Quick reeve boom head** eliminates the need to remove the becket when it becomes necessary to change the reeving
- Two extend modes: A-max enhances the structural capability and fully synchronized for normal operation
- Available **two piece bi-folding lattice fly** allows the tip section to be stored thus enhancing the lifting performance when using the base section
- Three available fly options that feature multiple offset positions of 2°, 20°, and 40°
- **No deducts** for stowed attachments

Powerful hydraulics

- Gear winch motor provide **smooth and precise hoisting**
- Provisions for the future installation of the auxiliary winch are standard
- Main and the available auxiliary winch are equally matched in size and performance

Operator's cab features

- **Extra large windows** throughout for excellent visibility
- Excellent ventilation via a large sliding door, side and rear windows, and hinged roof window
- 6-way adjustable seat
- **Single or dual axis**, pilot operated controller mounted on armrest for outstanding operator comfort
- All gauges, switches, indicators, and controls are located in the operator's forward line of sight
- **All gauges and switches are backlit** for excellent visibility in low light conditions
- Integral rated capacity limiter aids operator in safe and efficient operation
- In cab comfort is maintained by the **standard heater**
- Available - Internal and external rated capacity limiter light bars
- Available - **Integrated air conditioning** utilizes the same ventilation outlets as the standard heating system
- Available - cab mounted warning lights

- Folding front and rear ladders to prevent damage during loading and unloading for transport
- Rugged, lightweight **steel pontoons** with storage locations for transport
- Steering modes are chosen and performed with the steering wheel and include independent front, independent rear, combination, and "crab"
- **4-Link suspension** on the rear axle with an optional Hydro-Gas Ride™ system
- Wide profile lug-type tires for excellent traction in muddy and sanding conditions
- **CALC**—Outrigger beams extend to three different positions (retracted, intermediate, and fully extended) providing lifting capacities in confined areas

Designed for easy access and service

- **Full-length flat deck** with integrated steps and handholds
- Lockable engine compartment
- **Large swing out engine hood doors** for ease of service
- Filters and serviceable items are easy to access

Transport and jobsite maneuverability



A-max extends only the inner-mid section of the boom for substantially increased capacities for in-close, maximum capacity lifts.



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