



RTG 8090

**II
SERIES
II**

90-ton (80.0 mt) Rough Terrain Crane

- 38 – 140 ft (11.6 – 42.7m) five-section formed pin and latch boom with quick reeve boom head
- Three boom extend modes: EM1, EM2, and EM3 boom lifting capacities
- Optional 35 – 58 ft (10.7-17.7m) two piece bi-fold fly with offsets of 2°, 15°, 30°, and 45°
- Optional two 16 ft (4.88m) extensions plus 58 ft (17.7m) two piece bi-fold fly [Total attachment length of 90 ft (27.4m)]
- 238 ft (72.6m) maximum tip height
- No deducts for stowed attachments
- 16,880 lbs (7 656.6kg) maximum winch line pull
- 460 fpm (140.2m/min) maximum winch line speed
- Pilot-operated hydraulic controllers
- 4x2 and 4x4 drive with 29.5x25 tires
- Four steering modes: independent front, combination, crab, independent rear
- 6-speed power shift transmission
- 4-link rear suspension with optional Hydro-gas ride



Tier 4i / Stage IIIB cab shown



Link-Belt
C R A N E S



RTE 8090

Tier II

90-ton (80.0 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

- Latching boom with **three boom modes** (EM) for superior capacities throughout the extension range
- Capable of telescoping loads
- Boom requires **no greasing** because of ingenious Teflon wear pucks impregnated in the full contact wear pads.
- No minimum boom angle for extending or retracting the boom sections
- Available **two piece bi-folding lattice fly** allows the tip section to be stored thus enhancing the lifting performance when using the base section
- **Four available fly options** that feature multiple offset positions of 2°, 15°, 30°, and 45°
- **No deducts** for stowed attachments



Tier 4i / Stage IIIB engine shown

Powerful hydraulics

- Piston 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 of 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

Transport and jobsite maneuverability

- **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, combination, "crab", and independent rear steering.
- **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.

Link-Belt Construction Equipment Company - Lexington, Kentucky
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