



Link-Belt
C R A N E S

RTTC **8090** **SERIES II**

Rough Terrain Crane 90-ton | 80 mt

- **38-140 ft (11.6-42.7 m) five section, full power latching boom with quick reeve boom head**
- **Three boom extend modes**
- **35-58 ft (10.7-17.7 m) two piece fly** with offset of 2°, 15°, 30°, and 45°— optional
- **Two 16 ft (4.9 m) lattice inserts plus 58 ft (17.7 m) two-piece offsettable fly** — optional
- **No deducts for stowed attachments**
- **238 ft (72.5 m) maximum tip height**
- **16,880 lbs (7 656.6 kg) maximum winch line pull**
- **459 fpm (139.9 m/min) maximum winch line speed**
- **Spicer 6-speed power shift transmission**
- **4x2 and 4x4 drive with 29.5x25-28PR tires**
- **Four steering modes:** independent front, combination, crab, and independent rear
- **4 link rear suspension** with optional hydro-gas suspension



RTG 8090

90-ton (80 mt) Rough Terrain Crane

SERIES II

Remarkable control, reliability and capacity performance

- **Powerful Cummins QSB 6.7 diesel engine** with 270hp (201kW) and direct coupled transmission
- Electronic throttle for improved throttle response
- **Two automotive-style batteries** linked in parallel provide 700 cold cranking amps each for cold weather starting
- **Hydraulic disc brakes** for both service brakes and parking brake
- **Metri-Pak wire harnesses** have sealed relays and connectors throughout for outstanding long-term reliability. All wires have flame retardant polyethylene insulation, resulting in a higher heat resistant wiring system.

Latching boom with attachment flexibility

- 38-140 ft (11.6-42.7 m) **five-section boom** with three extend modes.
- **No charted capacity reductions** for telescoping loads
- **Boom wear pads** have Teflon pucks that lubricate the boom sections (no grease)
- Wireless **windspeed indicator**
- **Maximum tip height** is 238 ft with the attachment and main boom used in combination
- Optional 35 ft (10.7 m) **one-piece lattice fly** and optional 35 ft to 58 ft (10.7 m to 17.7 m) **two-piece bi-fold lattice fly** are offsettable to 2°, 15°, 30° and 45°
- Optional two 16 ft (4.9 m) **lattice inserts** plus 58 ft (17.7 m) **two-piece offsettable fly**

Powerful hydraulics

- For greater productivity and control, the **five-pump hydraulic circuit** allows simultaneous function of boom hoist, winch and swing.
- Piston motor hydraulic hoist system delivers **superior hoisting**. Matched sizes of main and auxiliary winches provide equal maximum available line pulls of 16,880 lbs (7 656.6 kg) and maximum line speeds of 459 fpm (140 m/min) on 16" (40.6 cm) root diameter drums.



Operator's cab features

- **Extra large front window** almost seamlessly merges into the roof window
- **Excellent ventilation** via a large sliding door, side and rear windows, and hinged roof window
- All gauges, switches, indicators, and controls are located in the **operator's forward line of sight**
- **Single or dual axis**, pilot operated controller mounted on armrest of outstanding operator comfort
- Link-Belt vision package including **winch, right side swing, and rear-view cameras**
- Link-Belt **Pulse Operating System**
- **Integral rated capacity limiter** aids operator in safe and efficient operation by continuously monitoring boom length, boom angle, head height, radius of load, machine configuration, allowed load, and percent of allowed load.
- Cab mounted **warning lights**
- **Internal rated capacity limiter light bar**
- Available — **Integrated air conditioning** utilizes the same ventilation outlets as the standard heating system

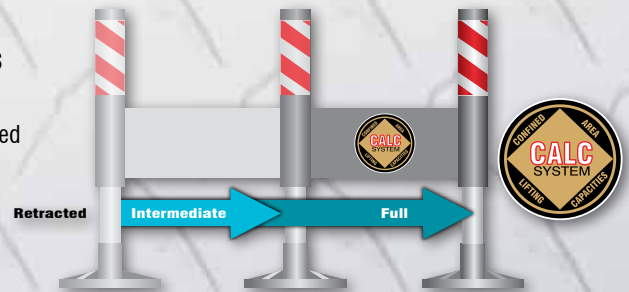
Link-Belt
PULSE

Transport and jobsite maneuverability

- Base machine transport weight less than **90,000 lbs (40 823.3kg)**
- **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
CRANES
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