Remarkable control, reliability and capacity performance
The Confined Area Lifting Capacities (CALC) system provides three outrigger positions:
- full retraction
- intermediate extension
- full extension

Outrigger pins eliminate guesswork by automatically positioning outriggers at midpoint position.
4-Link Suspension

- Superior method of **axel control that greatly reduces the bounce** that plagues conventional Rough Terrain Crane suspensions

- The 4-Link design consists of four linkage bars, a track locator bar, and two oscillation cylinders. Working together **these components allow the axel to rotate in a side to side motion.**

- Each pair of links are independent of the other allowing the axel to rotate freely.

- **Optional HydroGas Ride™** adds a nitrogen charged accumulator to the oscillation cylinders applying constant downward force to the wheels keeping the tires constant with the ground. The oscillation cylinders become shock absorbers allowing for a vertical range of motion.

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.

- Wide profile lug-type tires for **excellent traction** in muddy and sanding conditions
Operator’s cab provides ergonomic comfort and control

- Extra large windows throughout for excellent visibility
- Excellent ventilation via a large sliding door, side and rear windows, and hinged roof window
- Single or dual axis, electronic operated controller mounted on armrest for outstanding operator comfort
- Tipping and Telescoping steering column
- 6-way adjustable power tipping seat
- All gauges, switches, indicators, and controls are located in the operator's forward line of sight
- Winch and right side swing view cameras
- In cab comfort is maintained by the standard heater and air conditioning
- Available - Internal and external rated capacity limiter light bars
- Available - Cab mounted warning lights
- Available - LED working light on top of cab

Swing-out doors provide exceptional access to engine components.

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.
- 6 points of access to carrier deck.
**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.

**Winch camera**

**Folding ladders on front and back**

**Stow and go pontoons**

**Total crane operating system**

**Link-Belt PULSE**
Link-Belt Pulse is the Link-Belt designed total crane operating system. It includes the rated capacity limiter, boom extend mode controller (EMC), self-diagnostic capabilities and continuous monitoring of multiple crane functions and conditions. To aid operators in a safe and efficient operation, its high-resolution, color-intense graphic display provides excellent contrast even in direct sunlight.

**Telematics. You own the data!**

**Cellular-based data logging and monitoring system:**
- Viewing options for sharing data with distributor and Link-Belt
- Location and operational settings
- Monitor routine maintenance intervals
- Crane and engine monitoring
- Diagnostic and fault codes

**Partially counterweight and zero counterweight charts**

**Internal light bar Telematics Out of cab external light bar**

**Slow and go pontoons**
Quick reeve boom head eliminates the need to remove the becket when it becomes necessary to change the reeving.

Innovative 16 ft (4.9 m) lattice fly is interchangeable between models.

Manual offsets: 2°, 15°, 30°, 45°

No charted capacity deductions for telescoping loads

The only greaseless, high-capacity formed booms designed and built in North America!
Superior capacities and extension ranges

**RTC-8065**
- Four section
- Full power boom
- Main boom length
  - RTC-8090 II: 140 ft | 42.7 m
  - RTC-8080 II: 127 ft | 38.7 m
  - RTC-8065 II: 115 ft | 35 m

**RTC-8080**
- Four section
- Full power boom
- Boom length
  - RTC-8090 II: 206.6 ft | 63 m
  - RTC-8080 II: 199.7 ft | 60.9 m
  - RTC-8065 II: 180.5 ft | 55.0 m

**RTC-8090**
- Five section
- Latching boom
- Tip Heights – Optional On-board Lattice Fly
  - 35 - 58 ft | 10.7 - 17.7 m
  - 10 - 38 - 64 ft | 3.0 - 11.6 - 19.5 m (RTC-8080 II only)

**Lighting packages and flood lights available**

**Tip Heights – Optional Lattice Fly Extension**
- 16 ft + 16 ft + 35 - 58 ft | 4.9 m + 4.9 m + 10.7 - 17.7 m
- 16 ft + 16 ft + 10 - 38 - 64 ft | 4.9 m + 4.9 m + 3.0 - 11.6 - 19.5 m (RTC-8080 II only)
- 16 ft + 35 - 58 ft | 4.9 m + 10.7 - 17.7 m
- 16 ft + 10 - 38 ft | 4.9 m + 3.0 m + 11.6 - 19.5 m (RTC-8080 II only)

**Superior capacities and extension ranges**
Transport

All units transport fully equipped under 90,000 lbs (40,823 kg) with fold up access ladders, lightweight stowable pontoons, and hook block and ball tie offs. (The RTC-8080 II and RTC-8090 must remove their modular counterweights.)

Without the use of a helper crane the RTC-8080 II and RTC-8090 II can install their own modular counterweights with the available hydraulic counterweight installation/removal system.