

110|RT

110 U.S. ton | 100 metric ton
Rough Terrain Crane

- 38'-164' | 11.5 - 50.0 m six-section boom
- 10'-35'-58' | 3.0 - 10.7 - 17.7 m
two or three-piece offsettable fly*
- Two 16' | 4.9 m lattice boom extensions*
- 262 | 79.8 m maximum tip height
- 20,739 lbs | 9 407.1 kg max. winch line pull
- 451 fpm | 137.5 m/min max. winch line speed



Link-Belt
CRANES

*Optional

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Rough Terrain Crane

- Pin and latching style boom with the flexibility of a full power boom
- Market leading capacity for its class
- Spicer power shift 6-speed transmission

Folding viewing mirror for travel

20° tilting cab

Right side camera

Flat deck design and non-slip surface

Three lockable storage boxes

Link-Belt

Complete LED lighting package

Folding ladders on front and back

4x2 and 4x4 drive with 29.5x25 tires



The Confined Area Lifting Capacities (CALC)

system provides three outrigger positions:

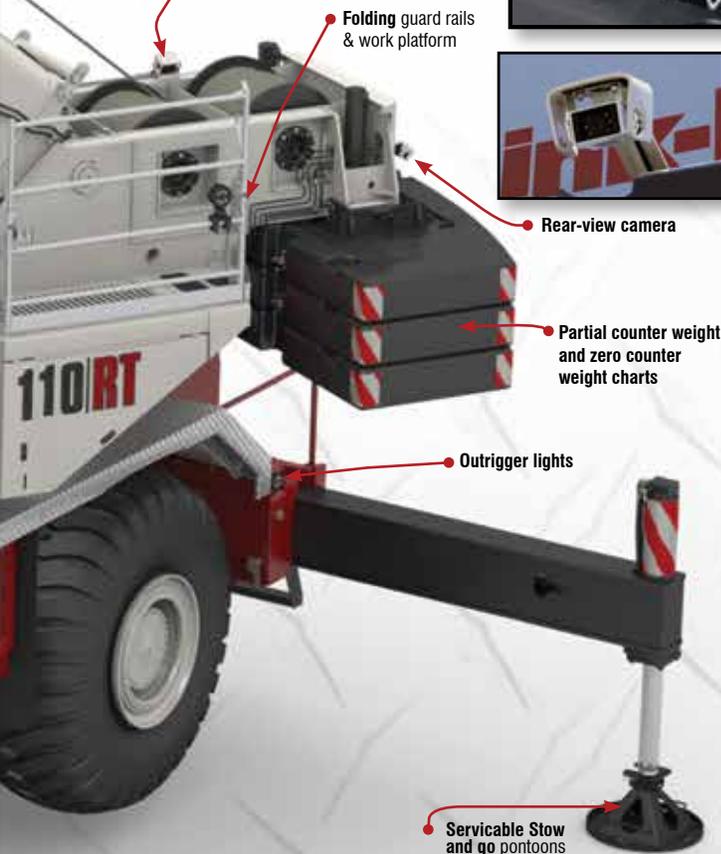
- full retraction
 - intermediate extension
 - full extension
- Outrigger pins eliminate guesswork by automatically positioning outriggers at midpoint position.

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 guard rails & work platform



Rear-view camera

Partial counter weight and zero counter weight charts

Outrigger lights

Servicable 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

Internal light bar



Out of cab external light bar



Telematics





**The only greaseless,
high-capacity formed
booms designed and
built in North America!**



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 inserts are interchangeable between models.

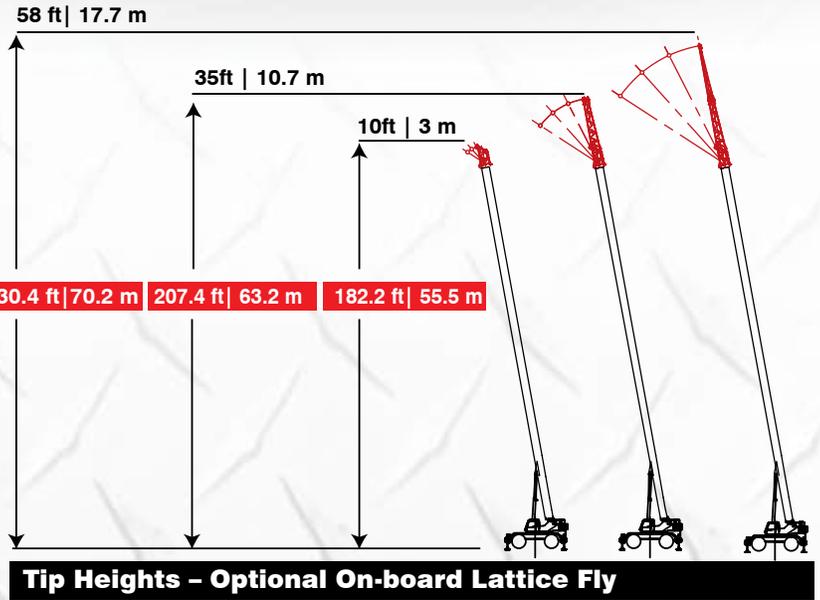
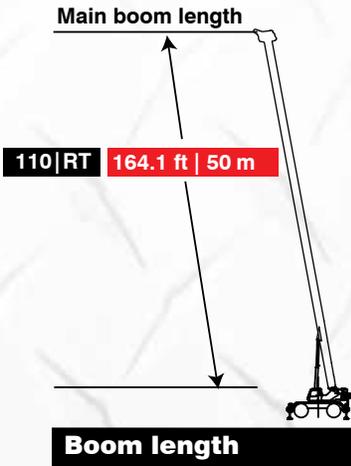
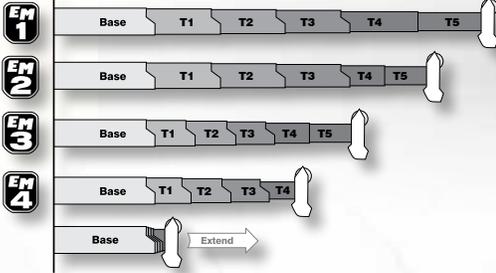
Manual offsets: 2°, 15°, 30°, 45°

No charted capacity deductions for telescoping loads

Superior capacities and extension ranges



110|RT six-section Pin and latching boom



Lighting packages and flood lights available



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
- **Tilting and Telescoping** steering column
- **6-way adjustable power tilting seat**
- 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**
- Link-Belt vision package including **winch, right side swing, and rear-view cameras**
- In cab comfort is maintained by the **standard heater and air conditioning**
- **LED working light on top of cab**
- **Internal rated capacity limiter light bar**
- Available - **External rated capacity limiter light bar**
- Available - **Cab mounted warning lights**



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.
- **Full-length flat deck** with integrated steps and handholds



Superior servicability

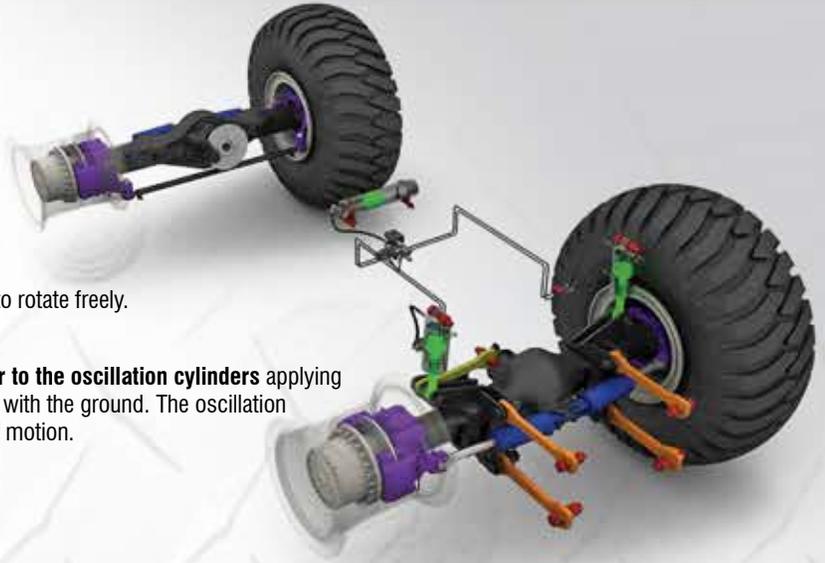


Centralized pressure check and grease bank

Allows operator to check eight (8) pressures and grease four (4) different points from one centralized location on the upper frame. Boom foot pins, head machinery sheaves, and cab tilt cylinder are also greaseless

4-Link Suspension

- Superior method of **axle 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 axle to rotate in a side to side motion.**
- **Each pair of links are independent** of the other allowing the axle to rotate freely.
- **Greaseless 4-Link suspension on the rear axle**
- **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

Independent front



Independent rear



Combination



Crab





Transport

All units transport fully equipped under 90,000 lbs (40 823 kg) minus modular style counterweights with fold up access ladders, lightweight stowable pontoons, and hook block and ball tie offs.

Counterweight Removal

Hydraulic counterweight removal system is standard feature. Counterweight can be dropped without a helper crane.

- **28,800 lbs (13.2mt)** of counterweight
- **Three (3) 9,600lbs** counterweight slabs

