

RTC-8050 Series II

50-ton (45.36 mt) Rough Terrain Telescopic Boom Crane

- 50-ton (45.36 mt) at 10 ft (3.05 m) radius
- 110 ft (33.5 m) full-power, four-section boom with quick-reeve boom head
- 168 ft (51.2 m) maximum tip height
- 51 ft (15.5 m) two-piece (bi-fold) fly, stowable, offsettable to 2°, 20° and 40° - Optional
- No deducts for stowed attachments
- A-max boom mode
- MG-434 rated capacity limiter
- Flat deck design with full length fenders
- 185 hp (138.0kW) Cummins engine
- Direct mounted electronic transmission
- Hydro-gas ride™ suspension
- Pilot-operated hydraulic controls

RTC-8040 Series II

40-ton (36.29 mt) Rough Terrain Telescopic Boom Crane

The RTC-8040 Series II boasts all of the outstanding features of the RTC-8050 Series II, the exceptions are:

- 40-ton (36.29 mt) at 10 ft (3.05 m) radius
- 110 ft (33.0 m) full-power, four-section boom with quick-reeve boom head
- 163 ft (49.7 m) maximum tip height
- 165 hp (123.0kW) Cummins engine

Link-Belt
C R A N E S



RTC-8050

Series II

Rough Terrain Telescopic Boom Crane
50-ton (45.36 mt)

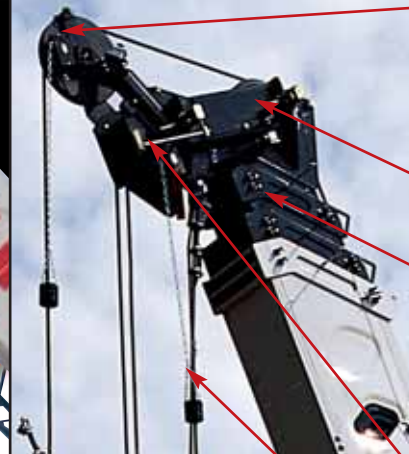
RTC-8040

Series II

Rough Terrain Telescopic Boom Crane
40-ton (36.29 mt)

These Series II cranes are equipped with many outstanding features, making them the most "user-friendly" rough terrain cranes you'll ever own.

- Flat-deck carrier
- 4-Link suspension
- Superior hydraulics



- Lightweight nylon head sheaves (including the optional auxiliary lifting sheave shown here) reduce overall machine weight and increase lift capacities.
- Quick reeve boom head allows rope to be easily reeved over boom head.
- The exclusive "A-Max" system provides optimum strength and stability. For in-close, big picks, the "A-Max" mode allows the operator to extend only the inner mid-section of the boom.
- Hammerhead boom nose allows the operator to work at high boom angles.
- Type "RB" 18x19 wire rope is standard

Optional 51' (15.54 m) two-piece (bi-fold) lattice fly, stowable, offsettable to 2°, 20° and 40°

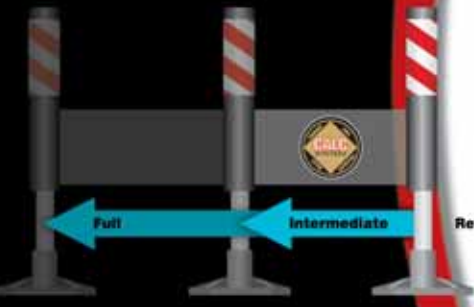


Mechanical boom angle indicator - standard

The "Boss" is Link-Belt's patented boom design of high-strength angle cords and high formability sidewall embossments.

The Confined Area Lifting Capacities (CALC) system provides three outrigger positions:

- full retraction
- intermediate extension
- full extension



Deep front storage box

Non-slip surface strips on carrier deck



Integrated steps and hand-holds within the sheet metal

Folding steps for transport

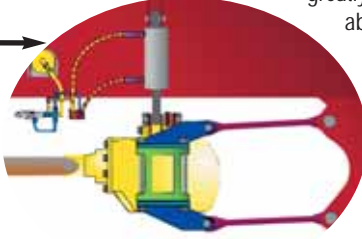
Three position outrigger extend and retract with hand-held outrigger control





Smooth ride... 4-Link suspension

The fully independent rear 4-Link suspension greatly reduces the inherent bouncing at medium speeds and greatly improves handling, maneuverability and turning radius in both on- and off-road conditions.



To further reduce the bounce, the exclusive Hydro-gas™ Ride system serves as a shock absorber through a charged accumulator system for greatly improved carrier stability.



Access is the name of the game



Fold-up steps and hand rails at six points and non-slip surface strips on the carrier's deck provide the ultimate in machine access.



The large rear grille door (above) and swing-out engine hood provide quick and easy access for routine service and maintenance.



Four modes of steering:

- Independent front
- Coordinated four wheel
- Four wheel "crab"
- Independent rear

Link-Belt's innovative two-part paint coating technology, coupled with a pre-assembly paint process, provides the finest quality coating system available today. Paint chipping, cracking and deterioration is significantly reduced when service work and disassembly are required.

Operators-Cab...

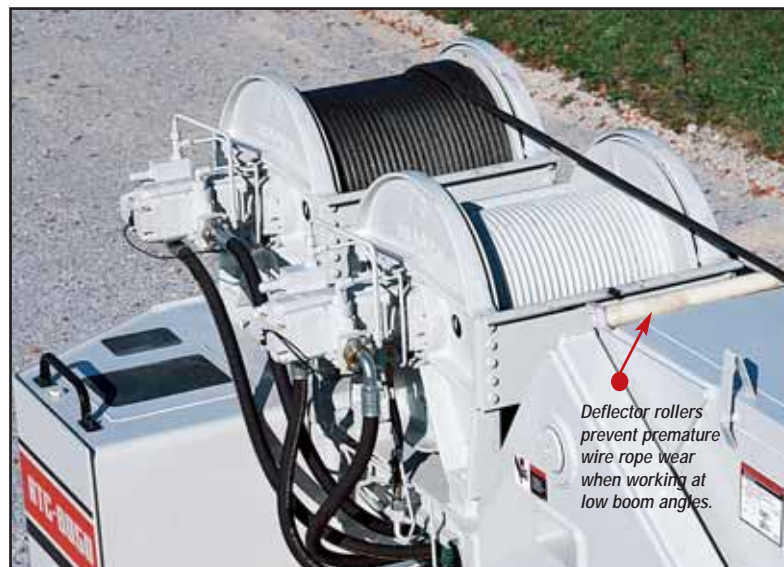
Roomier and more ergonomic than traditional cabs, the Cab features include:

- Larger window openings for increased operator visibility
- Tilt-telescopic steering column now includes controls and switches for excellent operator control and comfort
- **Six-way adjustable fabric seat** with lift-up armrest (which deactivates control functions when raised)
- Armrest mounted, responsive **dual axis hydraulic controllers**
- Bubble level **sight level** mounted on console
 - **Single foot pedal control**
 - **Ducted air** through automotive-style directional vents
 - **Sliding right side**, rear windows and swing-up roof window
 - Corner-post-mounted, **backlit gauges**
 - **Dashless design**
 - Large, sweeping electric wipers

Standard load hoist system consists of a main winch with two-speed motor and automatic brake for power up/down mode of operation.

A bi-directional hydraulic motor, driven through a planetary reduction unit provides precise smooth load control with minimal rpm's.

Asynchronous, parallel double-over grooved drums minimize rope harmonic motion, improving spooling and increasing rope service life. A two-speed auxiliary winch is an available option.



Deflector rollers prevent premature wire rope wear when working at low boom angles.

With your Link-Belt distributor, your crane investment is always protected.

When you invest in a Link-Belt crane, you invest in a 125-year legacy of outstanding customer

support through a worldwide Link-Belt distribution network. The value of a machine starts with state-of-the-art design and quality manufacturing, but excellent product support greatly impacts the fact that Link-Belt cranes traditionally command some of the highest resale prices in the industry.

... to be recognized as a
leader.
customer service & satisfaction.
— The Link-Belt Vision



The right people with the right part at the right time.

Highly trained crane technical specialists get to the core issues quickly to get you going again.

Through the Master Technician Training Program, technicians are specifically tested to establish proficiency in all phases of machine diagnostics and repair. At our Service Training Center, schools are held throughout the spring and fall for both distributor technicians and customers.

Supporting these trained distributor personnel, experienced factory advisors with comprehensive machine records, CAD computer terminals, and technical electronic publication libraries stand ready to isolate facts and quickly act to resolve crane service issues.

With eParts, our online computer system, distributors worldwide can order Genuine Link-Belt Parts 24 hours a day, seven days a week. Our dedicated 72,000 sq. ft. Parts Distribution Center is an integral part of Link-Belt's product support where all parts in stock ship the same business day.

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Litho in U.S.A. 2/05 #4301 (supersedes #4266)



Link-Belt Construction Equipment Company is a leader in the design, manufacture and sales of telescopic and lattice boom cranes, with headquarters in Lexington, Kentucky.

In the recent decade, a dynamic and highly focused Link-Belt has emerged as a market leader in crane design and product quality standards by focusing on continuous improvement and employee empowerment.

Link-Belt operates on the principles of continuous quality improvement, ISO 9001, and established values that support the vision of quality. These principles result in reduction in waste, better use of company resources and improved employee and customer satisfaction.

With major capital improvements over the last ten years, along with continuous improvement philosophies, this facility has emerged as the most modern crane facility in North America.

Link-Belt
CONSTRUCTION EQUIPMENT

Lexington, Kentucky
www.linkbelt.com

