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, the facility has emerged as the most modern crane facility in North America.

RTC-80100
Series II

Rough Terrain Crane
100-ton (90.72 mt)

- 100-ton (90.72 mt) at 50' (15.24 m) radius
- 88,000 lbs (40,000 kg) travel winch
- 40 to 65' (12.2 to 20.3 m) full power, five-section boom construction boom, quick-rave boom head
- 31' (9.5 m) one-piece turntable
- 1000 lbs (453.6 kg) per inch, 20' (6.1 m) x 20' (6.1 m) x 48' (14.6 m) x 20' (6.1 m)
- 5' by 5' (1.5 by 1.5 m) half-waist, 1000 lbs (453.6 kg) per inch, 20' (6.1 m) x 20' (6.1 m) x 48' (14.6 m)
- Two optional for 4 (4.4 m) by 4 (4.4 m) by 2 (2 m) for extra long
- Measure: 124' (37.8 m) x 124' (37.8 m) x 124' (37.8 m)
- Three boom modes: A, B, and C
- A30°C, A38°C, and T38°C boom sections are available
- No diaphragms for added attachments
- Hydraulic counterweight reversible
- Hydraulic power, removable front and rear counterweights
- Remember: no weights with quick down
- 25,000 lbs (11,339 kg) max load and 10,000 lbs (4,536 kg) max line speed
- Diesel Engine, Series 46, 300 HP (224 kW)
- Six-wheel hydraulic drive with fully independent "A" Arm suspension
- Travel speed 18.5 mph (30.0 km/h)
- Turning radius at 21' (6.4 m)
- MAX 20" with Mono or Dual-Axis joystick, plus second-hand controls
- CatWalk

Link-Belt

Lexington, Kentucky
www.linkbelt.com

Link-Belt is a registered trademark. Copyright 2002. All rights reserved. We are constantly improving our products and we reserve the right to change designs and specifications.
Unveiling the next generation of formed boom design

This new boom design not only delivers full power boom and telescoping load capability, but also delivers a superior load chart and a maximum lift height of 24.3 ft. (7.4 m) with full outriggers. The formed boom is designed for larger cranes to meet greater length and stability requirements. The U-shaped formed telescoping boom design offers increased strength and stability throughout the entire chart. Strategically placed welds and pins are utilized throughout the boom to distribute the load to maintain the overall stability, providing greater capacities at longer load radii.

Rough Terrain Crane
100-ton (90.72 mt)

The industry’s most innovative solution to big rough terrain crane maneuverability and transportability!

- Revolutionary hydrostatic drive on a three-axle, six-wheeled carrier for the ultimate in job site mobility
- Breakthrough transportability
- Maneuverability redefined
- 45-ton pick & carry capacities
- New U-shaped, formed boom meets greater length and stability requirements

Revolutionary hydrostatic drive on a three-axle carrier design

Not only is the RTC-80100 Series II easy to get from job site to job site. It also has extraordinarily more power and stability maneuverability. Thanks to its hydrostatic-powered system in each wheel, both sides are equal, giving an overall height of 32.7 ft. (10.0 m), along with its unbreakable four-wheel hydrostatic drive. There is no need in the world any more that can control drive to the low link frame stability and performance of the RTC-80100. On the Rut, the RTC-80100-99s outstanding power and carry capacity coupled with its long range, maneuverability, incredible productivity and low height make it truly an ideal solution for industrial tasks.

Optional two-piece hi-ho ladder can be extended with TRANSTAR 1-4 ft. (0.3-1.2 m) by extension for up to 6 ft. of lift

Complete lighting package

Flat deck design and non-slip surface allows deck

Receivable ladders on front and back

Stowable portions

Fast foldable front & rear outrigger beams

23,500 lbs. radial tires

Partial counterweight and no counterweight chassis

Three position outrigger beams extended to 25° and return to 0° with one of base side outrigger removed

Independent front

Independent rear

Hydraulic outriggers drive

Six wheel “crab”
New innovative 5-section full power boom with attachment flexibility

Introducing a new boom design, Link-Belt has engineered the next generation formed boom design for larger cranes to meet greater length and stability requirements. The 3-1/2-shaped, formed construction booms design offers exceptional strength and stability throughout the crane’s entire range.

Strategically placed weld gaps are utilized throughout the boom to disperse the load to maximize the overall boom strength and stability providing greater capabilities at longer boom radii.

- **100** (95.2m)
- **90** (83.4m) with the full attachment on the 100 boom
- **80** (74.3m) without attachments

- One optional break of power capacity from power-plated booms
- No details for lowest attachments

The Ultra-Cab is roomier and quieter than traditional cabs

- 6-way adjustable table seat with flip-up armrests that automatically return functions when reclined
- Armrest-mounted, responsive dual or single axis hydraulic controllers
- Stable, move light lever mounted on side console
- Single tool pedal control
- Dual set through automotive-style "key" switch
- Angle viewing controls
- Folding side door
- air-adjustable backrest
- Automatic-style windows
- Customizable"I"-shaped braiding
- Large, snap-down electric wipers
- Dual media filters

Lightweight/low center of gravity (including the optional safety digging frame shown) reduces overall machine weight and increases lift capacities. Quick move boom allows the operator to work at high boom angles.

Type "A" super cabs are standard.