**Patented boom design**

**Embosed Sidewall Stiffeners With No-Weld Corners**

**Boom Concept** The arrangement of high strength angle chords (corners) with high formability steel sidewall (embossments) places the most steel at corners where maximum stress is concentrated. The result: maximum strength with minimum weight.

**Angle Chords** 100,000 psi (689.5 MPa) high strength steel angle chords are precision machined for boom sidewall overlap. This design allows all interior and exterior boom welds to be offset or staggered for maximum structural integrity.

**Time Proven Boom Design** Over two decades and thousands of hydraulic crane booms later, Link-Belt's exclusive, patented design is unchanged, state-of-the-art — before its time, providing superior capacities, tip heights and reliability.

It is true testimony to Link-Belt’s engineering design achievement that this design concept is being imitated today for optimum performance.

**NO WELDS IN HIGH STRESS CORNERS**

**Attachment Flexibility**
- Full power, fully synchronized 30° 0' - 115° 0' (11.85 - 35.05 m) four-section boom.
- Stowable, 90° 0' - 115° 0' (11.85 - 35.05 m) foldable (1', 15', or 30' offset), one piece lattice type fly. Available with lugs to allow addition of second section.
- Stowable, 30° 0' - 61° (11.33 - 18.39 m) foldable (1', 15', or 30' offset) 2-piece, double swing-around, lattice type fly.

**Added Value Attachment Features**
- Hammerhead Boom Nose Allows the operator to work at high boom angles without feeling wire rope.
- Deflector Plates Prevent premature wire rope wear when working at low boom angles.
- Lightweight Nylon Head Sheaves Reduce overall machine weight and increase lift capacities.
- Available Auxiliary Lifting Sheave Can be used for quick lifts with one or two parts of line when the boom head has multiple reeving. And it does not have to be removed when fly is erected in working position.

**Stowable Attachments**
Swinging lattice fly can be easily stowed for transportability or can be removed to meet specific road laws.

**RTC-8065 65-ton**
Hydraulic Rough Terrain Crane

- 184' 0'/56.08 m On-Board Tip Height
- Full Power Four-Section Boom
- Rated Capacity Limiter (RCL)
- Three Attachment Options

The New RTC-8065 Features The Confined Area Lifting Capacities (CALC) System

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Link-Belt Construction Equipment Company  Lexington, Kentucky

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The Link-Belt RTC-8065.... smooth, precise control.

The new RTC-8065 hydraulic rough terrain crane features unmatched innovations such as the Contoured Area Liftting Capacity System, a proprietary composite cab – the UTRAMAX™, piston motor winches, and integrated rated capacity limiters (RLC).

An Office With A View....

A major step forward in the construction equipment industry, the new office environment on the RTC-8065 is one of the most advanced and comfortable in its class. This new office environment is achieved by the use of a fully integrated office system that is designed to provide a comfortable and efficient work environment. The office system is fully integrated with the crane’s control system, allowing for seamless integration of the office and crane operations. The office features include a fully adjustable seat, fold-out work surface, and integrated office accessories that allow for efficient use of space and increased productivity. The office environment is designed to provide a comfortable and productive workspace for the operator, making it a truly office-like experience.

Additional Cab Features

- Tilting steering column for easy cab accessibility
- Automatic variable feedrate
- All-steel side walls
- Overall design for superior visibility and space
- Sliding windows and rear view mirrors for excellent visibility

Integrated Rated Capacity Limiter

This "LML" system utilizes the operator’s height and weight for the most accurate load reporting. The operator’s height and weight are measured by a simple push button on the control panel, and the system reports the actual load limit to the operator. This system allows for accurate load reporting, ensuring that the operator is always aware of the crane’s load capacity. The system is also designed to be easy to use, allowing for quick and accurate load reporting.

Superior Hydraulics

Multiple-Function Control: For greater productivity control, the six pump hydraulic circuit allows simultaneous function of booms, winches, and handling — making the RTC-8065 the most versatile hydraulic crane in its class.

Simplified Routings: The new RTC-8065 incorporates simplified hydraulic routings for easy servicing. Tunnels and connections are staggered where needed for quick service operation. All cross-divisional tunnels are turnable around to ensure that it is fully serviceable in a matter of minutes.

Serviceability: Standard quick-disconnect hoses además of standard quick-disconnect valves in the hydraulic system allow for quick serviceability at the ready.

State-of-the-Art Wire Harness

The RTC-8065 has a unique wire harness that is designed to be easily serviceable. The harness is designed to be quickly and easily disconnected from the hook, allowing for quick serviceability and easy maintenance. The harness is also designed to be easily repairable, allowing for quick and efficient repairs.

The new RTC-8065 with a new innovative 4-post hoist tip design is specifically designed to give contractors and rental house companies the best equipment value in the 85-Ton class.

Jobsite Manoeuvrability

Maneuvering the RTC-8065 is a breeze, with six separate hydraulic cylinders and four separate hydraulic cylinders for steering. Steering modes include independent front steer, four wheel steer, dual wheel steer, and center steer for right side job sites.

Easy job site maneuverability is ensured in every crane job through the use of LRC — Link-Belt’s focus on operator efficiency and maneuverability. The LRC system includes the dual hydraulic metering system, which further enhances the maneuverability of the RTC-8065.

Two-Part Paint Coating System

Another industry first, the RTC-8065 is the first rough terrain crane to use a two-part paint coating technology. This new coating technology provides superior adhesion and abrasion resistance. In addition, because all parts are painted before assembly, 100% coverage of each part is ensured, eliminating any gaps in the coating process.

Power Train Utilizing a standard CUMMINS engine and Clark transmissions to transmit maximum power to the ground.