

Link-Belt Standards...

Integral Rated Capacity Limiter

This system aids the operator in safe and efficient crane operation. The Microguard 434 features:

- Improved access time
- Radio frequency shielding
- New display panel — large liquid crystal alpha-numeric display
- Total system override capabilities to provide for rigging requirements.



Gear Motor Hydraulic Hoist System

The 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.

Asynchronous, parallel double crossover grooved drums minimize rope harmonic motion, improving spooling and increases rope service life.

A two-speed auxiliary winch is an available option.

Additional Standard Equipment

- Auxiliary winch components and controls are provided for future installation
- Type "DB" Wire Rope
- Pilot operated single axis controllers
- Hook block tie-down
- Integrated steps and hand holds within the sheet metal
- Swing out engine compartment doors
- Folding steps for transport
- Full light package

Optional Equipment

- Mechanical boom angle indicator
- Auxiliary lifting sheave
- Auxiliary winch package
- Winch rollers
- Third wrap indicators
- Internal RCL load rating bar graph
- External RCL load rating light bar
- Air conditioning in operator's cab
- Hot water heater for operator's cab
- 360 degree (Pawl-in-Gear) mechanical swing lock
- Quick reeve hook blocks
- Hook ball

...World-Class, Innovative Design
with Job Proven Excellence.



Link-Belt Construction Equipment Company Lexington, Kentucky www.linkbelt.com
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Litho in U.S.A. 1/00 #4237

RTC-8030 Series II

Rough Terrain Crane
30-Ton (27.2 mt)

- 30-ton at a 10-ft. radius
- 58,000 lbs. GVW (fully loaded)
- 78 ft. full-power, three-section boom
- 91 ft. full-power, four-section boom (optional)
- 143 ft. maximum tip height
- 44-ft. two-stage, offsettable swing-away fly
- Fly offsets of 2, 20 and 40 degrees
- No deducts for stowed attachments
- MG-434 Rated Capacity Limiter
- Full-deck steel fenders
- 152-hp. Cummins engine
- Deluxe operator's cab
- Pilot-operated hydraulic controls
- Pre-painted



Link-Belt
CONSTRUCTION EQUIPMENT

The Future of Rough Terrain Cranes is Here

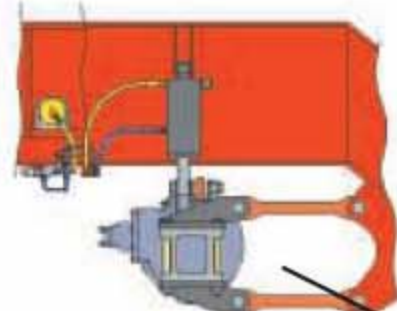
Introducing
a totally new,
world-class rough
terrain carrier
featuring 4-Link
suspension and
flat-deck carrier.



The Series II carrier is equipped with many outstanding features, making it the most "user-friendly" rough terrain crane you'll ever own. Some of the features include fold-up steps and hand rails at six points of access, non-slip surface strips on the carrier's deck and a newly designed swing-out engine hood provides quick and easy engine access for routine service.

Added Value Attachment Features

- No deducts for stowed attachments.
- Hammerhead boom nose allows the operator to work at high boom angles.
- Quick reeve boom head allows rope to be easily reeved over boom head.
- Deflector rollers prevent premature wire rope wear.
- Lightweight nylon head sheaves reduce overall machine weight.



4-link suspension

Carrier Features

- "Hydro-gas Ride™" suspension system - optional
- Power-shift six-speed transmission
- Six points of access
- Non-slip surface strips on carrier deck
- Quick disconnects on hydraulic fittings
- Swing-out engine hood
- Three modes of steering
 - independent front
 - coordinated four wheel
 - four wheel "crab"
- Pre-assembly paint system. This innovative two-part paint coating technology coupled with a pre-assembly paint process, provides the finest quality coating system available today. This enhances the overall aesthetic appeal of the final machine, as nuts, bolts, hoses and various parts are no longer painted. As a result, paint chipping, cracking and deterioration is significantly reduced when service work and disassembly are required.



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 the 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.



Ultra-Cab — Designed with the Operator in Mind

The Deluxe Cab is roomier and quieter than traditional cabs.

Features include:

- Six-way adjustable fabric seat
- Armrest mounted, responsive single axis hydraulic controllers
- Lift-up armrest. Control functions are deactivated when the armrest is raised.
- Bubble level sight level mounted on console.
- Single foot pedal control
- Ducted air through automotive style directional vents
- Telescoping steering column
- Sliding right side, rear windows and swing-up roof window
- Large sweeping electric wipers
- Hot-air defrost and heater (automotive style)

Proven Boom Design

- Standard three-section, 30 to 78 ft. (9.14 to 23.78 m), full power, with quick reeve head
- Optional four-section, 29 to 91' 4" ft. (8.84 to 27.81 m), full power, with quick reeve head
- Three swing away attachments
 - 25 ft. (7.62 m) fixed attachment
 - 27 ft. (8.23 m), offsettable one-stage, swing away attachment
 - 27 to 44 ft. (8.23 to 13.41 m), offsettable two-stage swing away attachment
- Attachments offset to 2, 20 and 40 degrees.
- Maximum tip height is 143 ft. (43.58 m) with the attachment and main boom used in combination
- The exclusive "A-Max" system provides optimum strength and stability. For in close, big picks, the "A-Max" mode (or mode A) allows the operator to extend only the inner-mid section of the boom.
- The "BOSS" is Link-Belt's patented boom design of high-strength angle cords and high formability sidewall embossments.



The CALC System

The Confined Area Lifting Capacities system provides three outrigger positions:

- full extension
- intermediate extension
- full retraction



Full Extension

Intermediate Extension

Full Retraction