

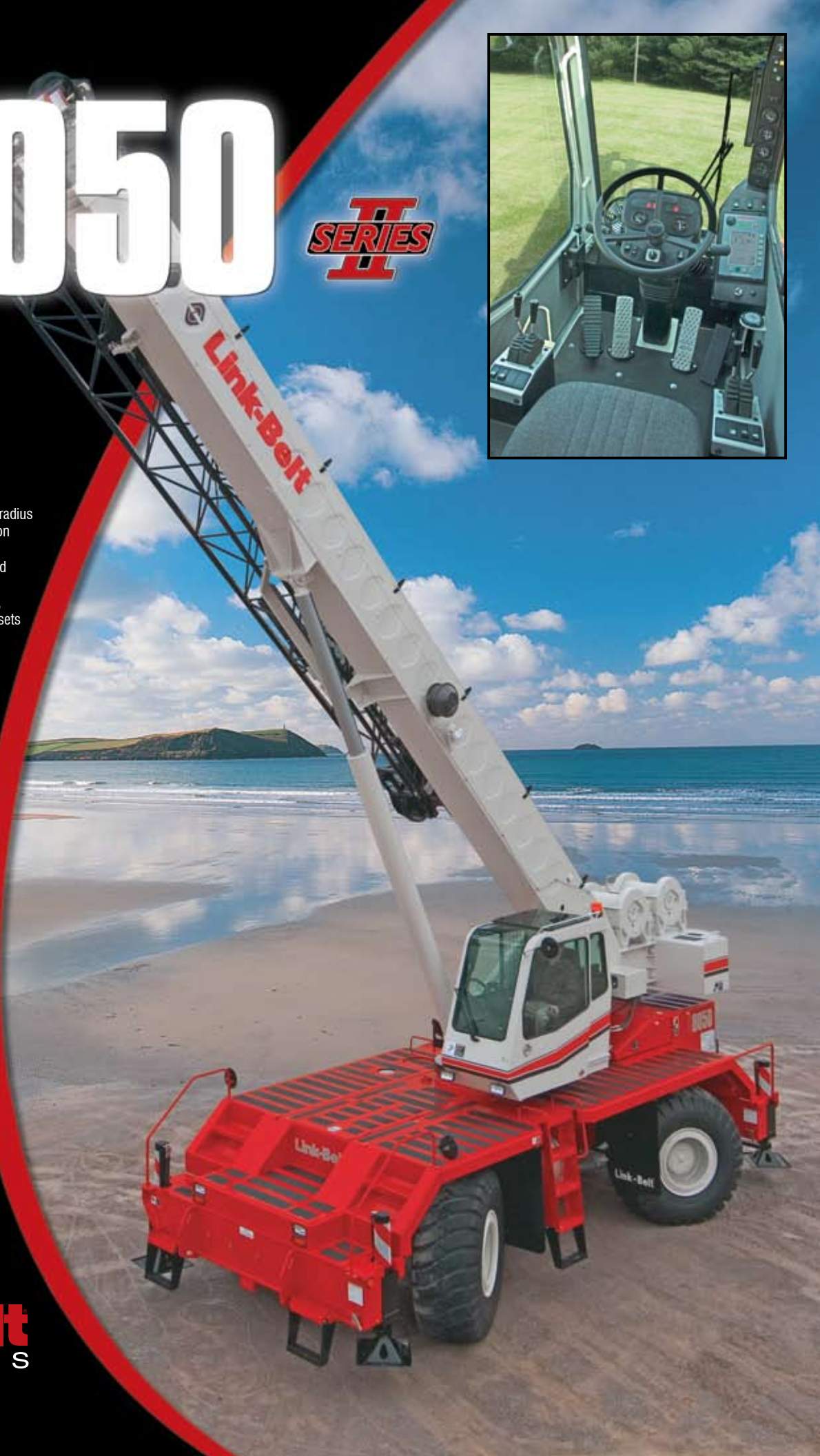
RTC 8050

II
SERIES
II



50-ton (45.36 mt) Rough Terrain Crane

- 50 tons (45.36 mt) at 10 ft (3.05 m) radius
- 35.5-110 ft (10.82-33.53 m) 4-section boom with quick-reeve boom head
- Two boom extend modes – A-max and standard lifting capacities
- 28.5-51 ft (8.69-15.54 m) two piece, on-board fly with 2°, 20°, and 40° offsets
- No deducts for stowed attachments
- 168 ft (51.21 m) maximum tip height
- 15,390 lbs (6 980 kg) maximum winch line pull
- 455 fpm (139 m/min) maximum winch line speed
- Next generation operator's cab with improved visibility and ergonomics
- 6 speed transmission
- 4x2 and 4x4 drive with 23.5x25-20PR tires
- Four steering modes: independent front, combination, crab, and independent rear
- 4 link rear suspension with optional hydro-gas suspension
- Travel/working weight under 78,000 lbs (35 380.2 kg)



Link-Belt
C R A N E S

RTIC 8050

II
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50-ton (45.36 mt)
Rough Terrain Crane

Remarkable control, reliability and capacity performance

- **Electronic throttle** for improved throttle response
- **Two automotive-style batteries** linked in parallel and provide 700 cold cranking amps each for cold weather starting
- Rugged, lightweight **steel pontoons**
- Hydraulic disc brakes for both service brakes and parking brake
- **Metri-Pak wire harnesses** have sealed relays and connectors throughout for outstanding long-term reliability. All wires have flame retardant polyethylene insulation, resulting in a higher heat resistant wiring system.

4-section full power boom with attachment flexibility

- Full power 35.5 ft to 110 ft (10.8 m to 33.5 m) **four-section boom** with two extend modes: **A-max and fully synchronized**
- **Maximum tip height** is 168 ft (51.2 m) with the attachment and main boom used in combination
- Optional 28.5 ft (8.7 m) **one-piece lattice fly** and optional 28.5 ft to 51 ft (8.7 m to 15.5 m) **two-piece bi-fold lattice fly** are offsettable to 2°, 20°, and 40°.



A-max extends only the inner-mid section of the boom for substantially increased capacities for in-close, maximum capacity lifts.



Operator cab features

- **Extra large front window** almost seamlessly merges into the roof window
- **Sliding left side door**, right and rear windows, and swing up top window provide excellent ventilation
- **All gauges, switches, indicators, and controls** are placed in the operator's forward line of sight for excellent ergonomics
- **All gauges and switches are backlit** for excellent visibility when the cab working lights are switched to the on position
- **Integral rated capacity limiter** aids operator in safe and efficient operation by continuously monitoring boom length, boom angle, head height, radius of load, machine configuration, allowed load, and percent of allowed load.
- Available — **Integrated air conditioning** utilizes the same ventilation outlets as the standard heating system



Powerful hydraulics

- For greater productivity and control, the **four-pump hydraulic circuit** allows simultaneous function of boom hoist, winch and swing.
- Piston motor hydraulic hoist system delivers **superior hoisting**. Matched sizes of main and auxiliary winches provide equal maximum available line pulls of 15,390 lbs (6 980 kg) and maximum line speeds of 455 fpm (138.7 m/min) on 16" (40.6 cm) root diameter drums.



Job site maneuverability

- **CALC** — Outrigger beams have three different stages (retracted, intermediate, and fully extended) providing lifting capacities in confined areas.
- **Steering modes** are chosen and performed with the steering wheel and include independent front steer, independent rear, four wheel steer, and "crab" steering.

Link-Belt Construction Equipment Company - Lexington, Kentucky
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