

# ULTRA 8690

## 90-ton (81.65 mt) Hydraulic Truck Crane

- 90 tons (81.65 mt) at 8 ft (2.44 m) radius
- 38-140 ft (11.6-42.7 m) five section, full power latching boom with no charted capacity deductions for telescoping loads
- 35-58 ft (10.7-17.7 m) two-piece, bi-fold, on-board lattice attachment with 2°, 15°, 30°, and 45° offsets - optional
- Two 16 ft (4.9 m) lattice inserts provide a total attachment length of 90 ft (27.4 m) - optional
- 237 ft (72.2 m) maximum tip height
- Modular style counterweights
- 16,880 lbs (7 656.6 kg) maximum winch line pull
- 480 fpm (146.3 m/min) maximum winch line speed
- Next generation operator's cab with improved visibility and ergonomics
- 445 hp (331.8 kW) Detroit Diesel engine with 1,450 ft-lbs (1966 J) of torque
- ZF AS Tronic 12 speed automated manual transmission
- 62.3 mph (100.3 km/hr) travel speed
- Front and rear air ride suspension
- Anti-lock (ABS) brakes
- Four lockable storage boxes available
- "Stow 'n Go" steel pontoons

**Link-Belt**  
C R A N E S



# HTC 8690

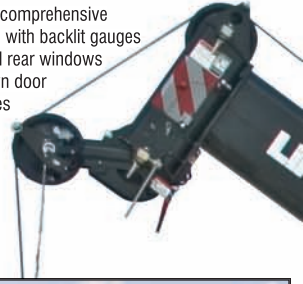
## 90-ton (81.65 mt) Hydraulic Truck Crane

- 5-section full power latching boom with attachment flexibility
- Big, wide cab with outstanding visibility
- Winches deliver impressive numbers of line pull and line speed
- Counterweight flexibility, big engine and transmission power, along with air ride promise incredible mobility on the road or on the job



### Comfortable carrier :

- Dash-mounted comprehensive instrumentation with backlit gauges
- Sliding side and rear windows and roll up/down door window provides excellent ventilation
- Fully adjustable air-ride fabric seat
- Suspended pedals



The HTC-8690 with 35-58 ft (10.7-17.7 m) two-piece bi-fold lattice attachment with 2°, 15°, 30° and 45° offsets.



## Outstanding mobility on the road and on the job site

- Cruise control
- Three stage engine compression brake
- Ether injection system – optional
- 1 mph (1.61 km) job site travel is permissible with all 39,500 lbs (17 917.2 kg) of counterweight for exceptional job site versatility.
- Speeds up to 62.3 mph (100.3 km/hr) on the highway, unmatched in the industry today
- ZF Astronic automated transmission (no clutch pedal) — 12 speeds forward, 2 speeds reverse with two modes of operation: fully automatic and semi-automatic



↑ Boom dolly/trailer ready when equipped with optional boom float kit and rear electrical and air connections  
→ Optional rear electrical and air connections



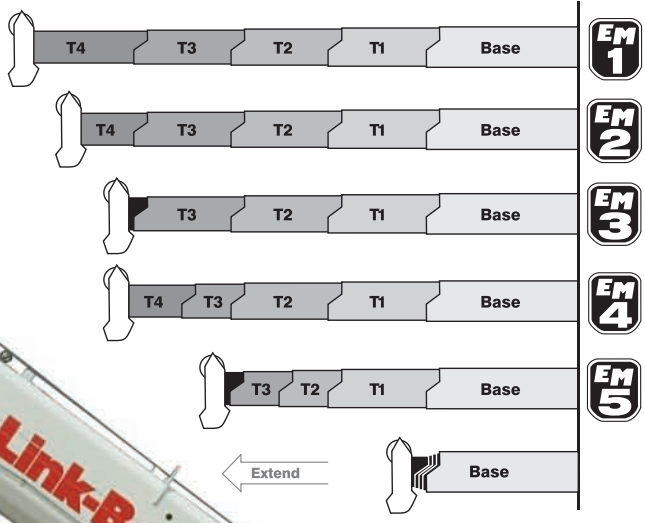
← All counterweight configurations can be raised and lowered by hydraulic cylinders from the comfort of the operator's cab for ease of installation and removal.

↓ There are two standard locking storage boxes with options for up to four boxes.



↓ Raydan™ air-ride suspension front and rear provides a smooth ride and precise handling. Optional air-ride lift system holds the rear suspension retracted while the crane is on outriggers.





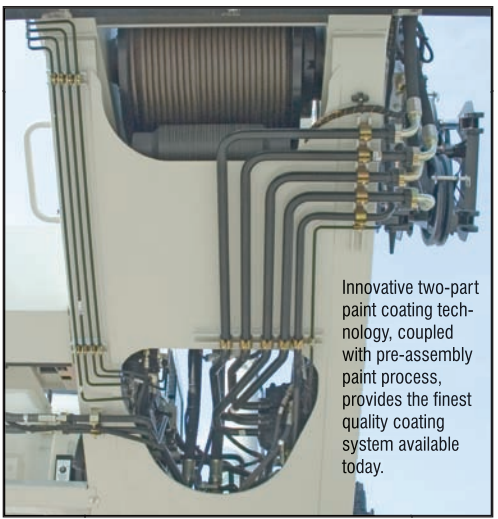
### 5-section full power latching boom with attachment flexibility

- 38-140 ft (11.6-42.7 m) latching boom with five boom modes for superior capacities throughout the extension range
- No charted capacity reductions for telescoping loads
- Boom requires no greasing because of ingenious Teflon wear pucks impregnated in the full contact wear pads
- No minimum boom angle for extending or retracting the boom sections
- 35-58 ft (10.7-17.7 m) two-piece, bi-fold, on board lattice attachment with 2°, 15°, 30°, and 45° offsets
- Two 16 ft (4.9 m) lattice inserts provide a total attachment length of 90 ft (27.4 m)
- 237 ft (72.2 m) maximum tip height



Optional hoist drum cable follower and optional third wrap indicators

Winch viewing mirror



Innovative two-part paint coating technology, coupled with pre-assembly paint process, provides the finest quality coating system available today.

Mechanical boom angle indicator - standard

Optional integrated air conditioning

Folding viewing mirror for travel

Pull-out CabWalk™ slides out from secured travel position underneath operator's cab

Standard 11,500 lbs (5 216 kg) counterweight

Large engine doors allow for easy access

Non-slip surface strips on carrier deck

Stow 'n Go outrigger pontoons

Carrier-mounted outrigger controls located on each side of carrier, include an engine throttle-up switch for fast outrigger deployment. For fine level adjusting of the carrier, throttle can be taken down to idle.

Full air, S-cam anti-lock (ABS) brakes

Aluminum wheels and radial tires

Optional integrated air conditioning (not a roof-mounted system)

Large west coast-style rear viewing mirrors

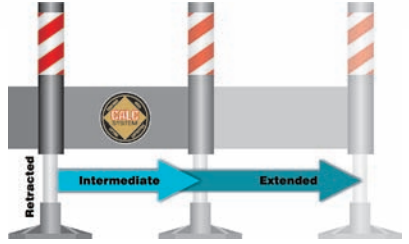
Optional daytime running lights

Self-storing fifth outrigger pontoon

### Powerful and responsive hydraulics

- Six pump, pressure compensated hydraulic system allows simultaneous and precise function of boom hoist, winch, and swing.
- Two-speed hydraulic piston motor hoist system delivers superior hoisting. Matched size optional front and rear winches provide equal max line pulls of 16,880 lbs (7 657 kg) and max line speeds of 480 fpm (143 m/min) on 16" (41 m) root diameter grooved drums.
- Drum rotation indicators - standard.
- Bi-directional hydraulic swing motor mounted to a planetary reduction unit for 360° continuous smooth swing. Spring applied hydraulic released 360° swing park brake provides infinite swing park positions as well as free swing when control is in neutral position.

**CALC** — Outrigger beams have three different stages (retracted, intermediate, and fully extended) providing lifting capacities in confined areas.





### Roomier and quieter operator's cab

- 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 operators 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
- Available — Integrated air conditioning utilizes the same ventilation outlets as the standard heating system



Access to the engine compartments and the operator's cab is superb with strategically-located ladders and steps.



Integrated MicroGuard rated capacity limiter with color graphic display, for excellent contrast even in direct sunlight, aids the operator in safe and efficient operation by continuously monitoring a multitude of crane conditions. Optional external and internal light bars inform the operator and/or ground crew of the percentage of capacity.



### Multiple counterweight configurations give you capacities for any size job

- Standard – Total of 11,500 lbs (5 216 kg) of removable counterweights. Capacities for five different counterweight configurations.
- Optional – Up to 39,500 lbs (17 917.2 kg) of removable counterweights. Capacities for up to thirteen different counterweight configurations.
- All configurations can be raised and lowered by hydraulic cylinders from the comfort of the operator's cab for ease of installation and removal.

**Link-Belt**  
CRANES

Link-Belt Construction Equipment, Lexington, Kentucky  
www.linkbelt.com

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