



# HTC-3140

140-ton (120.0 mt) Hydraulic Truck Crane

# HTC-3140<sub>LB</sub>

140-ton (120.0 mt) Truck Terrain Crane

- 42.3 ft to 195.3 ft (12.9-59.5m) six-section formed full power latching boom with no charted capacity deductions for telescoping loads
- 41.4 ft to 162 ft (12.6-49.3m) five-section formed full power latching boom with no charted capacity deductions for telescoping loads
- Five boom extend modes provide superior capacities: EM1 – EM5
- Optional 10-31-55 ft (3.0-9.4-16.7m) three-piece, bi-fold, on-board lattice attachment with 2 °, 15 °, 30 °, and 45 ° manual offsets, and 2 ° through 45 ° hydraulic offsets
- Optional three 18 ft (5.5m) fly extensions plus 55 ft (16.7m) provide a total attachment length of 109 ft (33.2m)
- 311 ft (94.8m) maximum tip height HTC-3140LB & 278 ft (84.7m) maximum tip height HTC-3140
- Modular style counterweights
- 21,022 lbs (9 535.4kg) maximum winch line pull
- 419 fpm (127.7m/min) maximum winch line speed
- Next generation operator's cab with improved visibility and ergonomics
- Automated manual transmission with 2-speed auxiliary transmission
- Anti-lock (ABS) brakes
- "Stow 'n Go" steel pontoons

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





# HTC 3140

140-ton (120.0 mt) Hydraulic Truck Crane

# HTC 3140 LB

140-ton (120.0 mt) Truck Terrain Crane

- 6 and 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 hydro-gas suspension promise incredible mobility on the road or on the job

↓ Auxiliary winch can be removed and installed without an assist crane using only the top and bottom tray of the counter weight stack. A newly designed counterweight removal system allows all counterweight configurations to be raised and lowered by hydraulic cylinders from the comfort of the operator's cab.



↓ Two standard locking storage boxes.



10-31-55 ft (3.0-9.4-16.7 m) three-piece bi-fold lattice attachment with 2°, 15°, 30° and 45° manual offsets and 2°-45° hydraulic offsets

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

- Cruise control
- Three stage engine compression brake
- Ether injection system – optional
- Automated transmission (no clutch pedal) — 11 speeds forward, 3 speeds reverse with two modes of operation: fully automatic and semi-automatic
- Two speed auxiliary transmission
- Job site travel is permissible with all 60,000 lbs (27 215 kg) of counterweight for exceptional job site versatility:
  - HTC: 0.32 mph (0.51 km/hr) job site travel
- Highway speeds unmatched in the industry today:
  - HTC: up to 65.6 mph (105.61 km/hr)



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



### Comfortable carrier cab:

- 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





• Wireless windspeed integrated into RCL

## 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 21,022 lbs (9 535.4 kg) and max line speeds of 419 fpm (127.7 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.



Standard boom dolly connections

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

20° tilting cab

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

Standard integrated air conditioning

Optional hoist drum cable follower and optional third wrap indicators

Winch viewing mirror

Hydraulic assist winch removal

Large engine doors allow for easy access

Non-slip surface strips on carrier deck

Optional daytime running lights

Folding cat walks

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

Stow 'n Go outrigger pontoons

Self-storing fifth outrigger pontoon

Large west coast-style rear viewing mirrors

Integrated air conditioning (not a roof-mounted system)



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



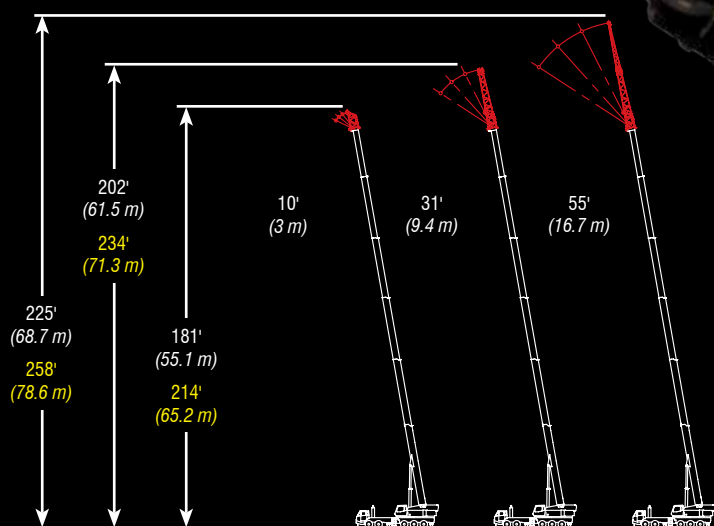
## Full power boom with attachment flexibility

- Quick reeve boom head eliminates the need to remove the becket when it becomes necessary to change the reeving
- Five extend modes for superior capacities throughout the extension range
- Available two or three-piece bi-folding lattice fly which allow the tip section to be stored, thus enhancing the lifting performance when using the base section
- Boom requires no greasing because of ingenious Teflon wear pucks impregnated in the full contact wear pads
- Two available offset fly options: manual offset with 2°, 15°, 30°, and 45°, and a hydraulic offset with 2° - 45° with no capacity deduction for luffing loads
- No deducts for stowed attachments

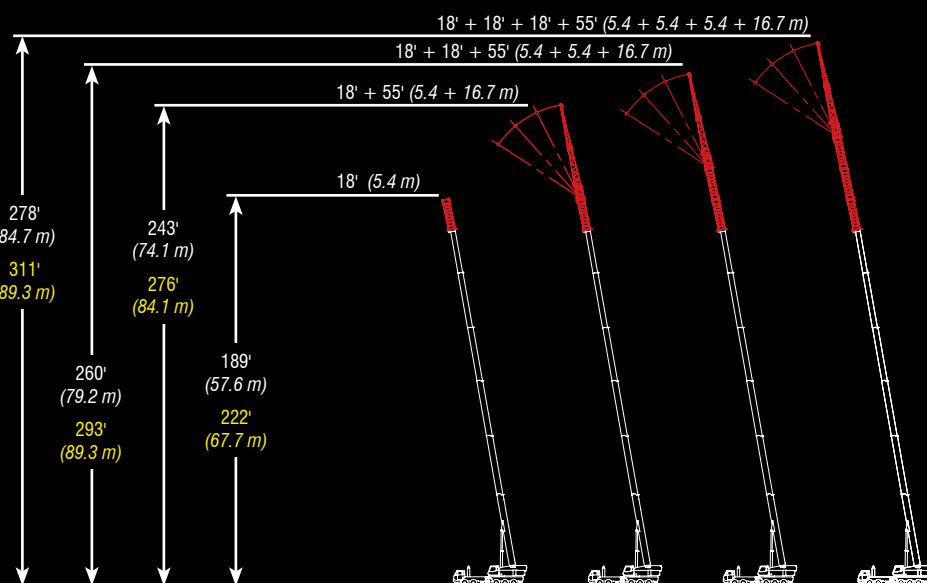
White = HTC-3140

Yellow = HTC-3140 LB

### Optional Lattice Fly Onboard



### Optional Lattice Fly Extension



Innovative 10 ft (3.0m) fly is integral to one of the on-board fly options. Over 25 tons (22.6 mt) capacity and one-load two-line lift procedures.



### Roomier and quieter operator's cab

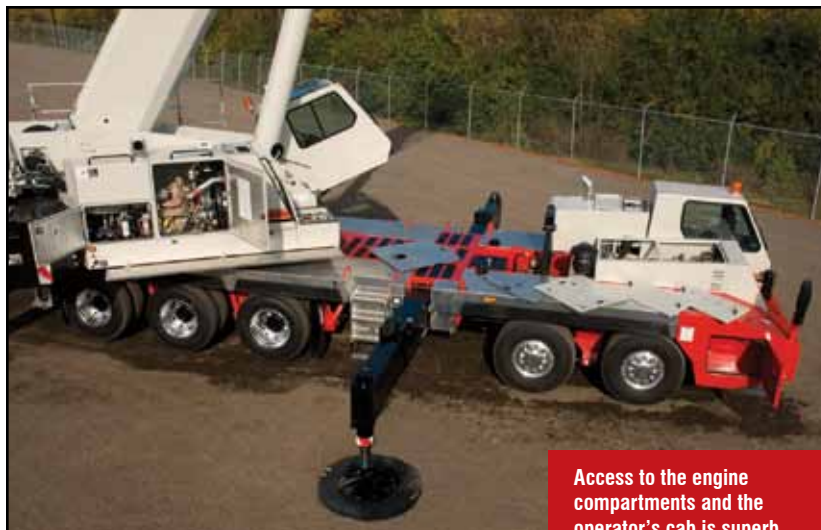
- Extra large front window almost seamlessly merges into the roof window
- Sliding left side door, right and rear windows, and swing up top window provide excellent ventilation
- All gauges, switches, indicators, and controls are placed in the operators forward line of sight for excellent ergonomics
- All gauges and switches are backlit for excellent visibility when the cab working lights are switched to the on position
- Integrated air conditioning utilizes the same ventilation outlets as the standard heating system



Integrated 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.

### KEY FEATURES:

- Excellent transportability – can be configured to meet some of the toughest transportation laws
- All manually offsettable fly options feature four offset positions of 2°, 15°, 30°, and 45°
- All hydraulically offsettable fly options feature offset positions from 2° to 45°
- New 10' (3.0m) fly that is integral to on-board fly with over 25 ton (22.6 mt) maximum capacity and one load two line lift procedures
- "Stow 'n go" outrigger pontoons are easily secured for transport
- Next generation operator's cab with improved visibility and ergonomics
- Pull-out CabWalk for easy access to and from the operator's cab
- Integral air condition standard on upper and lower cabs
- Large removable engine hood doors for ease of service
- Job site travel with counterweight



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



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

- Standard – Total of 20,000 lbs (9 072 kg) of removable counterweights. Capacities for five different counterweight configurations.
- Optional – Up to 60,000 lbs (27 215 kg) of removable counterweights. Capacities for up to eight 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.



## Your crane investment is always protected ... with your Link-Belt distributor.

When you invest in a Link-Belt crane, you invest in a legacy of outstanding customer support dating back to 1874. The ultimate value of a machine begins with state-of-the-art design and quality manufacturing, but it is the excellent Link-Belt distributor product support that determines its long term value. This philosophy has earned Link-Belt cranes the enviable position of traditionally commanding some of the highest resale prices in the industry.

"... to be recognized as a leader in customer service & satisfaction."  
— The Link-Belt Vision

# Link-Belt *Preferred*

As a member of Link-Belt Cranes user's group, you will have access to:

- Online access to a comprehensive library of all parts, service and operator manuals for YOUR crane
- Interactive, live groundbearing calculations for YOUR crane
- Plus a vast array of information on new products, services and special offerings



Link-Belt Parts Distribution Center



Link-Belt headquarters - Lexington, Kentucky

## Master Technician TRAINING PROGRAM

Link-Belt's investment in the highly acclaimed Master Technician Training Program is further testimony to its commitment to highly trained, experienced service personnel.

Technical schools are specifically designed to establish proficiency in three phases: fundamentals, machine systems, and diagnostics/repair. To further support these highly trained distributor personnel, Link-Belt has dedicated, full time factory technical advisors available with comprehensive machine records, drawings and technical publications to quickly isolate and resolve service issues.



No one knows your Link-Belt crane better than our trained technical specialists and coupled with the energy of our customer parts representatives, no one in the crane industry provides faster, more efficient customer service.

With state of the art computer information systems, distributors order Genuine Link-Belt Parts 24 hours a day, 7 days a week.

Our dedicated 72,000 sq. ft. (6 689 m<sup>2</sup>) Parts Distribution Center is an integral part of our product support commitment where we invest in an extensive and well planned parts inventory. And all parts in stock ship the same business day.

Link-Belt Construction Equipment Company is a leader in the design, manufacture, and sales of telescopic and lattice boom cranes with headquarters and manufacturing facilities in Lexington, Kentucky, USA. It is also a family of passionate professionals with a 135+ year legacy of innovation and cutting-edge technology.

Its manufacturing process, the Link Belt Production System, combines the principles of the Lean Production System with the high intensity, quick results Lean Sigma process. The system aggressively eliminates waste, enhances quality, creates a better product for the customer, and delivers it more quickly. Because of this process, Link-Belt has emerged as a dynamic and highly-focused market leader in crane design and product quality.

The 650,000-sq. ft. facility is the most modern crane manufacturing plant in North America. Recent capital investment projects will ensure that Link-Belt maintains that position for many years to come.

# Link-Belt CRANES

LINK-BELT CONSTRUCTION EQUIPMENT COMPANY

Lexington, Kentucky | [www.linkbelt.com](http://www.linkbelt.com)

® Link-Belt is a registered trademark. Copyright 2012. All rights reserved.

We are constantly improving our products and therefore reserve the right to change designs and specifications.

Litho in U.S.A. 11/12 #4412 (supersedes #4375)