



# HTC 86100 HTT 86100

**100 U.S. ton | 85 metric ton Hydraulic Truck Crane**  
**100 U.S. ton | 85 metric ton Truck Terrain Crane**

- 38-140 ft (11.6-42.7 m) five-section, latching boom with no charted capacity deductions for telescoping loads.
- 38-58 ft (10.7-17.7 m) two-piece, bi-fold, on-board lattice attachment with 2°, 15°, 30°, 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
- Automated Manual Transmission
- Front and rear air ride suspension
- Anti-lock (ABS) brakes
- Four lockable storage boxes
- "Stow 'n Go" steel pontoons



The HTT's all-wheel steer provides outstanding on-site mobility.

\* Model with EPA  
2013 Engine shown

# HTC 86100 HTT 86100

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

- 5-section 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



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

- Cruise control
- Three stage engine **compression brake**
- Ether injection system—**optional**
- **Automated transmission** (no clutch pedal) —12 speeds forward, 2 speeds reverse with two modes of operation: **fully automatic** and **semi-automatic**
- Job site travel is **permissible with counterweight** for exceptional job site versatility.



- ← **Comfortable carrier:**
- Dash-mounted **comprehensive instrumentation** with back-lit gauge
  - Roll up/down door window provides **excellent ventilation**
  - Fully adjustable **air-ride fabric seat**
  - **Suspended pedals**

- ↑ **Boom dolly/trailer ready** when equipped with optional boom float kit, 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

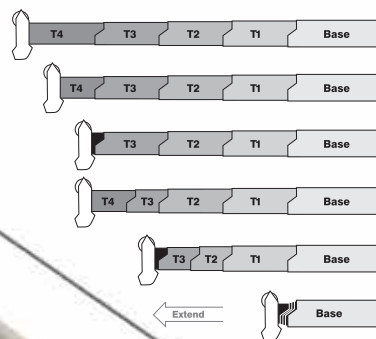


**Raydan™ air-ride suspension** front and rear provides a smooth ride and precise handling. Optional air-ride lift system holds the rear suspension retracted while the crane is on outriggers.





# Link-Belt



## 5-section full with attachment

- 38-140 ft (11.6-42.7 m) latching for superior capacities throughout
- No charted capacity deductions
- Boom requires no greasing because wear pucks impregnated in the
- No minimum boom angle for extending the boom sections
- 35-58 ft (10.7-17.7 m) two-piece attachment with 2°, 15°, 30°, and
- Two 16 ft (4.9 m) lattice inserts length of 90 ft (27.4 m)
- 237 ft (72.2 m) maximum tip height



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

Folding viewing mirror for travel

Integrated air conditioning

Swing camera

Large engine doors allow for easy access

Right side viewing camera

Large west coast-style rear viewing mirrors

Non-slip surface strips on carrier deck

Daytime running lights

Self-storing fifth outrigger pontoon

New document storage

Integrated air conditioning (not a roof-mounted system)

Aluminum wheels and radial tires with chrome and stainless wheel accents

Chrome exhaust shield and piping

Full air, S-cam anti-lock (ABS) brakes on all wheel ends with automatic slack adjusters

Outrigger position sensing (OSHA)



Carrier-mounted outrigger located on each side of an engine throttle-up switch deployment. For fine level carrier, throttle can be

Stow 'n Go outrigger easily stored and secured need to remove the pontoon moves. Pontoon storage on rear fenders and side



# Power boom flexibility

ing boom with five boom modes  
out the extension range  
s for telescoping loads  
ause of ingenious Teflon  
full contact wear pads  
extending or retracting

ce, bi-fold, on board lattice  
and 45° offsets  
s provide a total attachment

eight



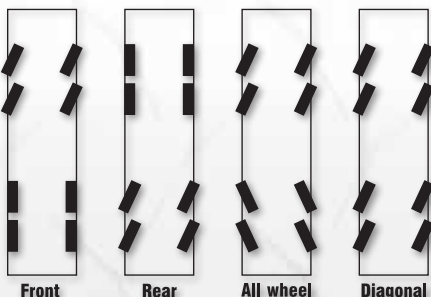
## Powerful and responsive hydraulics

- Six pump, pressure compensated hydraulic system allows simultaneous and precise function of boom hoist, winch and swing.
- Two-speed hydraulic piston motor system delivers superior hoisting. Matched size optional front and rear winches provide equal max line pulls of 16,880 lbs (75.0 kn) 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° swing. Spring applied hydraulic released 360° swing park brake provides infinite swing park positions as well as free swing when control is in a neutral position.

## Steerable all wheel axles, in conjunction with super single tires, makes the HTT even harder to beat on the job-site, and NO changes to the on-outrigger capacity charts.

Winch viewing camera

Optional hoist drum cable follower and optional third wrap indicators

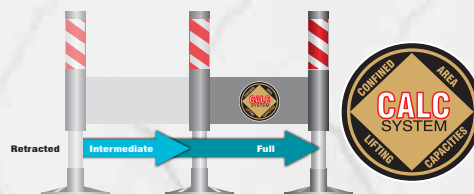
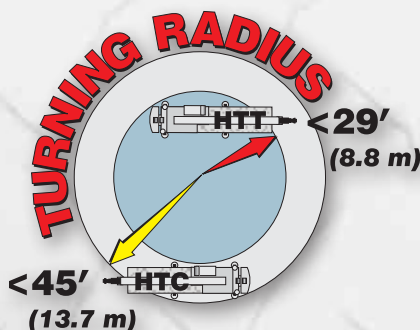


- Drive and steer capabilities for the rear axles
- Four steering modes:
  - Independent front, Independent rear, All wheel, Diagonal
- Rear axles self-center and lock in the straight ahead position for high speed travel
- Turning radius under 29 ft (8.8 m) at the edge of the tire
- 445/65R22.5 tires front and rear that are interchangeable
- Only one spare rim and tire combination is needed
- Transverse (cross-axle) differential locks that greatly improve traction on unimproved job-site conditions.

Access ladders and folding guardrails

Standard 11,500 lbs (5 216 kg) counterweight

Rear camera



## The Confined Area Lifting Capacities (CALC) system provides three outrigger positions:

- full retraction
- intermediate extension
- full extension

Outrigger pins eliminate guesswork by automatically positioning outriggers at midpoint position.

ger controls,  
the carrier, include  
switch for fast outrigger  
vel adjusting of the  
aken down to idle.

ontons are quickly and  
d for travel, eliminating the  
oon each time the crane  
space is also available  
access ladders.







## Roomier and quieter operator's cab

- **Extra Large front window** 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

## Total crane operating system

### Link-Belt PULSE

**Link-Belt Pulse** is the Link-Belt designed total crane operating system. It includes the rated capacity limiter, boom extend mode controller (EMC), self-diagnostic capabilities and continuous monitoring of multiple crane functions and conditions. To aid operators in a safe and efficient operation, its high-resolution, color-intense graphic display provides excellent contrast even in direct sunlight.



## Superior accessibility

Access to the operator's cab and engine compartment is superb with strategically located ladders and steps. The pull-out CabWalk™ slides out from its secured travel position underneath the operator's cab to give the operator a platform to stand on for easy entry and exit from the cab.



## 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.



Out of cab external light bar



Internal light bar



## Telematics. You own the data!

Cellular-based data logging and monitoring system that provides:

- Viewing options for sharing data with distributor and Link-Belt
- Location and operational settings
- Monitor routine maintenance intervals
- Crane and engine monitoring
- Diagnostic and fault codes





## 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:

- A comprehensive online 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
- Online access to recommended spare parts lists, filter, lube and key lists plus maintenance information and more
- No annual fee or charges to access your crane information

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. Link-Belt is committed to the manufacture and service of high quality products that satisfy customers worldwide

Towards that end, Link-Belt has pursued a strategy of growth and investment. It has moved aggressively to seize more global market share by producing a broader range of products and strengthening distribution and personnel around the globe.

Link-Belt is also home to a family of passionate professionals with a legacy of innovation and cutting-edge technology spanning over 140 years. These professionals, in a 740,000 sq. ft. (68 748 m<sup>2</sup>) manufacturing facility and with a culture of continuous innovation, have pushed Link-Belt to be the most modern crane manufacturer in North America.

**Link-Belt  
was born  
because our  
founding father  
understood the  
importance of  
replacement parts.**

William Banta Everett

**Building on that principal...**

- Trained technical specialists
- Faster and more efficient customer service
- State of the art computer information systems
- 24 hours a day, 7 days a week
- 72,000 Sq. Ft. Parts Distribution Center
- All parts in stock ship the same business day

**Link-Belt  
CRANES  
GENUINE  
PARTS**

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designs and specifications at any time. Litho in U.S.A.  
6/15 1507 #4468 (supersedes #4448)

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