



HTT 86100

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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, full power 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 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



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** →



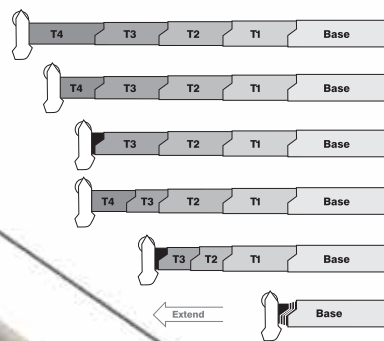
All **counterweight configurations** can be raised and lowered by hydraulic cylinders from the comfort of the operator's cab for ease of installation and removal.

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.





5-section full with attachment

- 38-140 ft (11.6-42.7 m) latching for superior capacities throughout
- No charted capacity reductions
- 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 with 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.



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

Large engine doors allow for easy access

Integrated air conditioning (not a roof-mounted system)

Aluminum wheels and radial tires with chrome and stainless wheel accents

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

Chrome exhaust shield and piping

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 turned

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

Mechanical boom angle indicator - standard

Folding viewing mirror for travel

Integrated air conditioning

Swing camera





Power boom flexibility

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

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

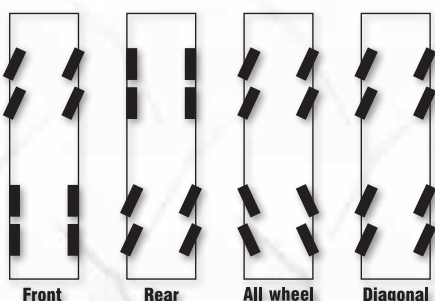
eight



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.



- 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.

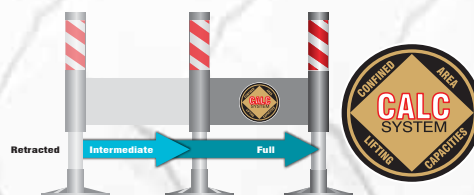
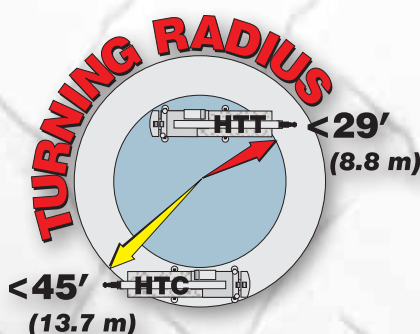
Winch viewing camera

Optional hoist drum cable follower and optional third wrap indicators

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 level adjusting of the taken down to idle.

ontons are quickly and d for travel, eliminating the on 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



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.



Link-Belt

PULSE

Link-Belt Pulse is the Link-Belt-designed total crane operating system. It included 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.



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 m²) manufacturing facility and with a culture of continuous innovation, have pushed Link-Belt to be the most modern crane manufacturer in North America.

**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
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

**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.

Link-Belt
C R A N E S
GENUINE
PARTS

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 m²) 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.

FOR MORE INFORMATION, CONTACT YOUR AUTHORIZED LINK-BELT DISTRIBUTOR: