

# ALC 3250

250 ton (220.0 mt)  
All Terrain Crane

- 43.3-223.1 ft (13.2-68.0 m) six section boom with quick reeve boom head
- Automatic load compensator maintains consistent radius during load lift-off
- Multiple steering modes can be controlled from the carrier cab
- Boom dolly provisions
- Free and automatic swing brake modes
- Tilting interior within the operator's cab
- Air conditioning in carrier and operator's cabs
- Outrigger controls in operator's cab
- Central lubrication system for upper and carrier
- 10x8x8 drive/steer
- Third axle lift system
- Engine compression brake with transmission interarder
- Cruise control

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



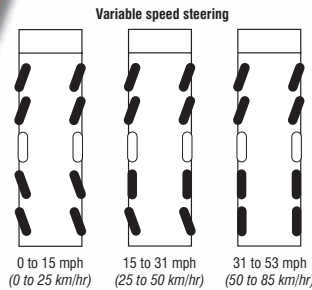
# ATC 3250

250 ton (220.0 mt)  
All-Terrain Crane

- Bullet-proof German-engineered hydraulic and electrical systems
- Exclusive LoadCom feature effectively compensates for boom deflection as load is lifted off the ground
- Tilting operator's seat capsule operates separate from cab structure
- Fully rigged and counterweighted job site travel
- Strong telescoping load capability
- Strongest winch line pull in its class
- Superior capacities



- 10x6 and 10x8 drive modes
- Variable speed steering



Central automated lubrication unit injects grease into turntable bearing, boom hoist cylinder pins, boom foot pin and main and auxiliary winch. Operated by a switch from the operator's cab.

Free and automatic swing brake modes

Panoramic operator's cab with tiltable inner-cockpit

Outrigger controls with carrier engine start/stop and throttle control

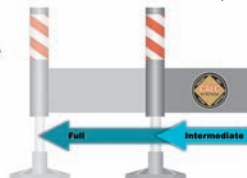
Flat deck design and non-slip surface strips on deck

Aluminum fenders

Four points of access

Outrigger beams have two lifting stages, providing excellent stability and lifting capacities at long radii:

- Intermediate extension - 18.4 ft (5.6 m)
- Full extension - 27.2 ft (8.30 m)



Ten 20.5R25 on/off-road profile tires on steel disc wheels



**Link-Belt**  
CRANES



Front steer



Rear steer



Combination steer



Crab steer





Stainless steel exhaust

Battery compartment with charge plugs

Additional hydraulic oil cooler for duty cycle operation

Removable panels and large doors provide **quick and easy access** to both engines, hydraulic components, batteries and engine cooling system for routine service.



- Job site travel with maximum counterweight with boom over rear
- Modular counterweight offers five lifting combinations
- Transfer case access
- Automated lubrication unit injects grease into steering gear arms, steering knuckles and suspension cylinders. Operated by switch from carrier cab.



Large carrier storage compartment

Two person cab

Heated power mirrors

Third axle lifts for crab, front and rear steering and transport scenarios where required.

Working lights for outrigger extension area

Stow-n-go pontoons



Ground controls on both sides of carrier:

- Start and stop carrier engine
- Throttle carrier engine up/down
- Suspension operation:
  - Raise/lower suspension on outriggers
  - Auto leveling on tires
- Outrigger operation:
  - Extend/retract two beams together
  - Extend/retract all jacks together
  - Auto leveling on outriggers

Left and right storage compartments

Cruise control

Fog lamps





- Third wrap indicator with function lockout
- Drum rotation indicator
- "Superstop" easy reeving system
- Auxiliary winch can be removed by counter-weight removal system



The ATC-3250's powerful, responsive and productive winches generate the strongest winch line pull in its class with 24,504 lbs (11 115.0 kg) and a winch line speed of 508 fpm (154.7 m/min). Piston motors provide precise movement at any speed.

## Outstanding carrier features with solid, reliable performance

- Powerful Mercedes Benz electronic engine with ZF AS-Tronic automated manual transmission
- Engine compression brake and transmission interarder
- Easy access panels allow full engine, transmission and battery service
- Battery charging plugs
- ZF dual circuit hydraulic steering provides independent or combined steering for the front and rear axles
- Emergency steering provides hydraulic pressure to steering circuits as long as the crane is in motion

## Comfortable two-person carrier cab provides high visibility

- Fiberglass and steel construction
- Six-way adjustable and air suspended driver and passenger seats with automatic weight adjustment and quick lowering controls
- Two electrically adjustable rear-view mirrors, one wide angle mirror and one turn mirror — all heated
- Air conditioner and warm water heater with defroster
- AM/FM radio with CD
- Folding ladder can be used for upper and boom access and stores under the carrier cab for transport.
- CMV cockpit multi-vision



## Operator cab — comfort and control at your fingertips

The crane operations control center provides excellent visibility and is ergonomically designed for maximum operating comfort and control.

### Features include:

- Tilttable inner-cockpit with adjustable, hydraulically-cushioned seat with headrest and manually adjustable lumbar supports
- Electrically-controlled fold-out front window with windshield washer and intermittent wiper
- Fixed cab roof window with armoured glass with windshield washer and intermittent wiper
- Fold-out rear cab window
- Engine dependent warm-water heater with air ducts for front windshield defroster and cab floor
- Two dual axis electronic joystick controllers and four three-way electrically operated valves for independent simultaneous operation of all crane motions with variable speed control
- Fine metering controls
- Dash-mounted controls and indicators
- Foot controls
- AM/FM stereo with CD

### Rated capacity limiter

Color graphic audio-visual warning system integrated into front main console with anti-two block and function limiter. Operating data available includes:

- Crane configuration
- Boom length and angle
- Boom head height

- Allowed load and % of allowed load
- Boom angle
- Radius of load
- Actual load
- Counterweight handling
- Wind speed
- Operator settable alarms:
  - Maximum and minimum boom angles
  - Maximum and minimum tip height
  - Maximum boom length
  - Left/right swing positions
  - Operator defined area

### Cockpit graphic control

Ergonomically positioned digital instrumentation, located in both the carrier and operator's cabs, provide quick access to critical driving and crane operation data.



→ Cockpit graphic control

↓ Rated capacity limiter



Ladder and hook block storage



## 7-section full power boom with attachment flexibility

- 43.3 to 223.1 ft (13.2 to 68.0 m) six-section latching boom
- 358 ft (109.1 m) maximum tip height with full attachment, tube jib extensions and main boom used in combination
- Four pinned positions of 0%, 46%, 92% and 100% on each boom section provide 38 extend combinations for superior capacities when varying the extension of the telescoping sections, controlled from the operator's cab
- Lightweight nylon head sheaves (including optional auxiliary lifting sheave) reduce overall machine weight and increase lift capacities
- Quick reeve boom head allows rope to be easily reeved over boom head.
- Hammerhead boom nose allows operator to work at high boom angles.
- Auxiliary lifting sheave can swing around on the boom head to reduce overall length.
- Wire rope with "superstop" easy reeving system

## LoadCom compensates load radius

Effectively compensates for boom deflection as a load is being lifted off the ground. With boom and attachment combinations reaching higher and further, boom deflection under load is inevitable. Operators have to precisely adjust the boom elevation and winch together to keep a load from drifting out when it is lifted off the ground. With LoadCom, these calculations are automatically determined and the boom hoist is activated.

## Lattice fly attachments

- 17.7 to 43.3 ft (5.4 to 13.2 m) two-piece offsettable fly
- Optional: Four 19.7 ft (6.0 m) fly inserts plus 43.3 ft (13.2 m) two-piece offsettable fly — total attachment length is 122.1 ft (37.2 m)
- Erection of two-piece lattice fly is a one-man operation — easy to erect and stow
- Exclusive design reduces side deflection when lifting load



### Tip Height

358.0 ft (109.1m)

338.3 ft (103.1m)

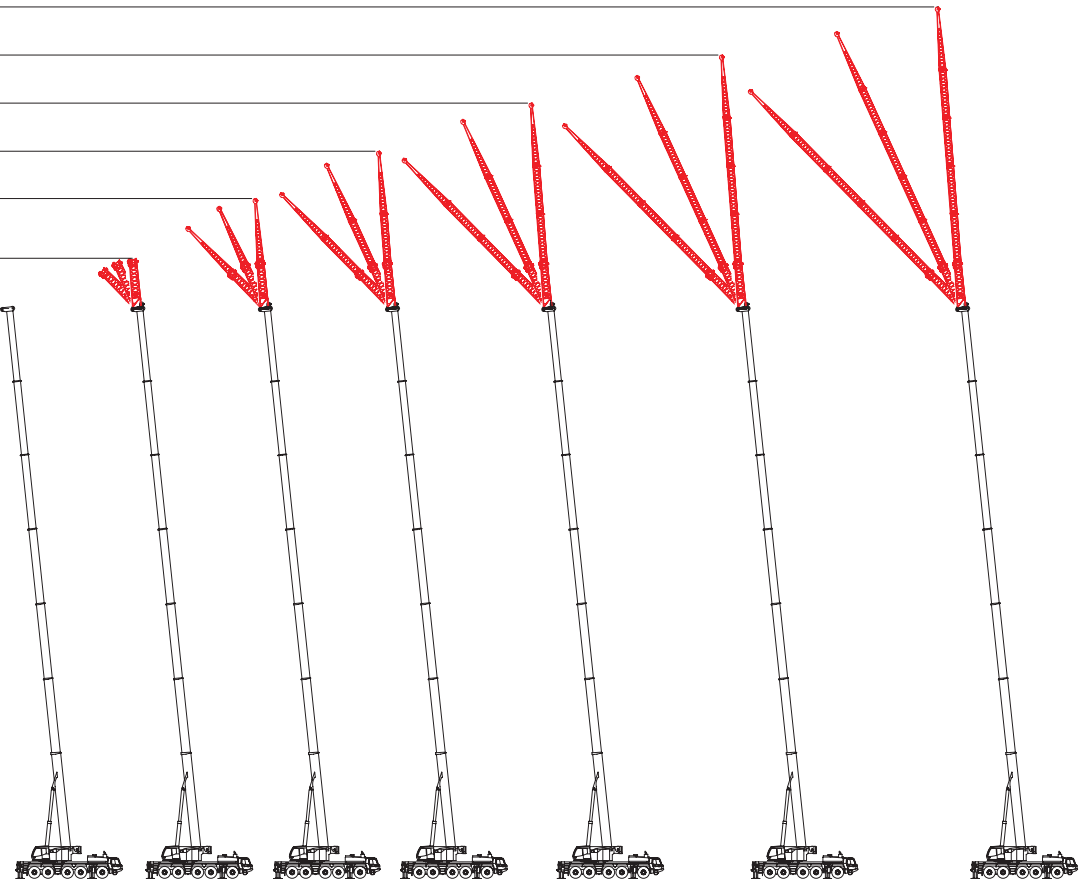
318.6 ft (97.1m)

298.9 ft (91.1m)

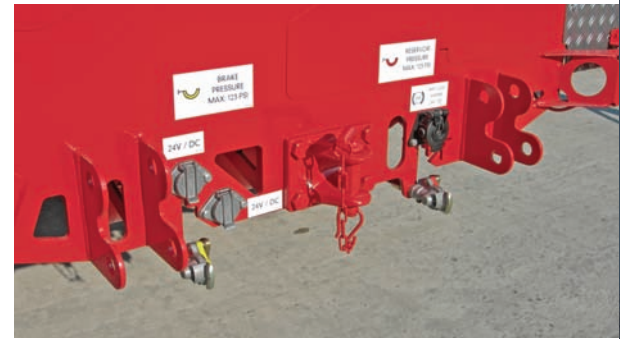
279.5 ft (85.2m)

255.0 ft (77.7m)

234.4 ft (71.4m)



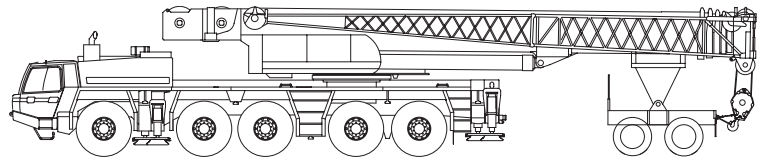




## All ready for boom dolly transport

Link-Belt has made the ATC-3250 easy for the customer to transport with a boom dolly. Features include:

- Electrical connections
- Air connections
- Boom dolly attachment connection
- Boom hoist float valve
- Swing park brake release valves



## Moves with max fly/jib and full counterweight on conventional trailers

Link-Belt leads the way with roadable, big capacity all-terrain cranes and nowhere is this more evident. The weight efficient design and built-in stripdown features of the ATC-3250 will get your big capacity crane to the next job site quicker and at less cost.

## Modular counterweights offer maximum versatility

- Seven-piece counterweight package offers six usage configurations:
  - 0 lbs (0 kg)
  - 26,455 lbs (12 000 kg)
  - 51,808 lbs (23 500 kg)
  - 77,161 lbs (38 000 kg)
  - 103,616 lbs (47 000 kg)
  - 156,527 lbs (71 000 kg)
- Counterweight slabs can be lowered to the carrier deck from the comfort of the operator's cab
- Travel on the job-site with maximum 156,527.8 lbs (71.000 mt) counterweight with boom over rear



# Link-Belt

C R A N E S

Link-Belt Construction Equipment Company  
Lexington, Kentucky | [www.linkbelt.com](http://www.linkbelt.com)

© Link-Belt is a registered trademark. Copyright 2006. All rights reserved. We are constantly improving our product and therefore reserve the right to change designs and specifications. Litho in U.S.A. 2/08 617 #4348