

# HYDRAULIC TRUCK CRANES

14 TO 60 TONS



**Link-Belt – The One To Compare**



# Link-Belt Hydraulic Truck Cranes — A blend of performance features, reliability, and value

## Booms

- Patented boom design provides superior strength to weight ratio.
- 3 and 4 section booms available.
- Optional swing-away lattice flys and/or A-frame jibs - stowable for enhanced tip height and flexibility to meet road laws.
- — 3° Boom angle for easy rigging.
  - + 80° Boom angle for increased work height.

## Operator's Cab

- Industry's finest cab - deluxe roomy interior with fully adjustable fabric seat.
- Tinted glass - standard.
- Sliding windows with swing-up roof window allows maximum ventilation and comfort.
- Comprehensive & easy to read dash-mounted instrumentation.
- Cab rubber mounted to reduce noise and vibration.
- For fleet owners all cab controls are identical.

## Load Hoist System

- 3 types of winch designs available.
  - Model 1M - 1 speed power up / power down
  - Model 2M - 2 speed power up / power down
  - Model 3M - Freefall with 2 speed power up / power down
- Link-Belt's exclusive true gravity controlled free fall for superior duty-cycle production.
- 5° inward sloped flanges on drum lagging ensures smooth wire rope wrapping.
- Main and auxiliary winches - always the same size for improved operation and production.
- Line speeds - up to 548 fpm.
- Line pulls - up to 15,870 lbs.

## Swing System

- Hydraulic swing motor mounted directly to planetary speed reducer to provide precise and smooth swing control.
- Free Swing Feature allows boom to self-center over load.
- 360° position swing lock.
- 2 position house lock for travel or pick and carry, standard.

## Carrier

- Link-Belt design philosophy incorporates 100,000 psi steel to achieve maximum rigidity and torsional strength while delivering light weight for roadability.
- 8' and 10' wide carriers available.
- Rack & pinion steering for improved handling.
- Proven drive train components matched for excellent travel speeds and reliability.
- 100,000 psi steel out & down outriggers. Front bumper outrigger for 360° operation - optional.
- Conveniently placed steps & grab handles for excellent accessibility.
- Reinforced 12 gauge sheet metal fenders, plus large engine access doors.

## Carrier Cab

- Large, acoustically lined.
- 6-way adjustable fabric seat.
- Tilt, telescoping steering wheel.
- Tilt-up arm rests.
- Tinted glass with sliding glass windows for ventilation, also provides excellent visibility.
- Comprehensive instrumentation, dash-mounted.
- Heater - standard.

## Hydraulic System

- Pump disconnect standard - extends pump life.
- Simplified hydraulic routings are accessible with quick disconnects; standard for easy servicing.
- Separate control valves are remote mounted for each operating circuit providing easy service access.
- For fleet owners, one filter for all models.



## Link-Belt Control Centers — Comfortable, clean designs



### ▲ Operator Control Center

Link-Belt — long the leader in hydraulic crane operator cab design, offers these features:

- Full instrumentation and toggle switches with international symbols dash-mounted for convenience.
- Circuit breakers dash-mounted for accessibility.
- Reliable rubber encased toggle switches protect against dust and moisture.
- Human engineered low effort control levers.
- For fleet owners — all hydraulic crane controls are identical for ease of operation.
- Standard cab features:
  - Six-way adjustable fabric seat.
  - Tinted glass.
  - Swing-up top window — gas cylinder supported.
  - Sliding windows provide excellent visibility & ventilation.



### ◀ Carrier Cab

- Tilt/telescoping steering wheel for operator comfort connected to rack and pinion steering for optimum operator control — standard.
- Tinted glass—standard.
- Full instrumentation—dash-mounted.
- Sliding windows provide excellent ventilation.
- Fully adjustable fabric seat with arm rest.



## Hoist Systems — Matched to your job requirements

- 3 design types
- Equal size main and auxiliary winches sized to machine capacity
- Freefall — Link-Belt exclusive design

### Model 1M Winch

#### One speed power up/power down

Single speed hydraulic motor, planetary gear drive with integral automatic brake and 5° sloped flanges.

### Model 2M Winch

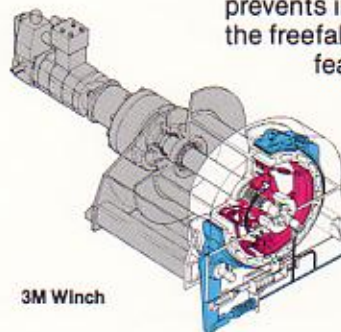
#### Two speed power up/power down

Two speed hydraulic motor, planetary drive with integral automatic brake and 5° sloped flanges.

### Model 3M Winch

#### Two speed power up/power down PLUS True Gravity Controlled Freefall.

Two speed hydraulic motor, planetary drive with integral automatic brake and 5° sloped flanges PLUS Link-Belt's exclusive drum brake assembly—optional.

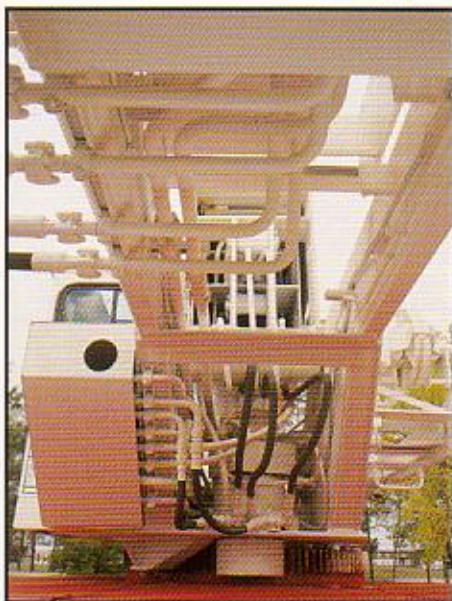


3M Winch

The model 3M winch is activated by 3 simple steps that provides the user unsurpassed performance in duty cycle operation. The system has built-in dead-man overrides that prevents inadvertent activation of the freefall system. The 3M winch features:

- Dual independent braking system.
- Cooler running hydraulic system
- Less component wear
- High line speeds

## State-Of-The-Art Systems — Clean, efficient designs



### ▲ Simplified Routings

All Link-Belt hydraulic cranes incorporate well thought out routings for easy access. Fittings and connections are staggered where necessary for quick and easy servicing.

### Quick Disconnects

Standard on all hydraulic cranes for fast convenient system pressure checks.

### For Fleet Owners

One 6 micron hydraulic filter for 22 different models. This design concept reduces your parts inventories and simplifies servicing.

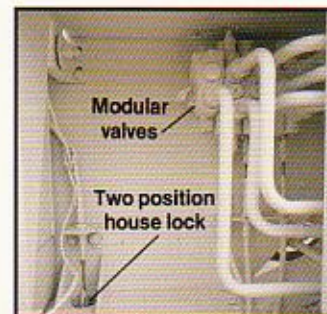


### ▲ Accessibility Designed In

Rotating joint has split flange fittings and clearance for accessibility.

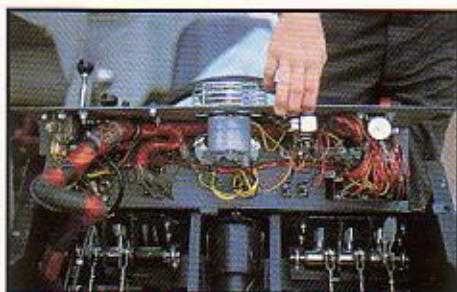


Separate modular valves for each circuit provide simplified routings for accessibility. ▼





## Designed-In Added Value — Reliable components and access to serviceable items



### ▲ Centralized Electrical System

Because all instrumentation is dash mounted, 4 bolts remove the panel to quickly and easily expose the electrical system.



### ▲ Circuit Breakers

In-the-dash circuit breakers are easily resettable within reach of the operator. No fuses or in-line problems.



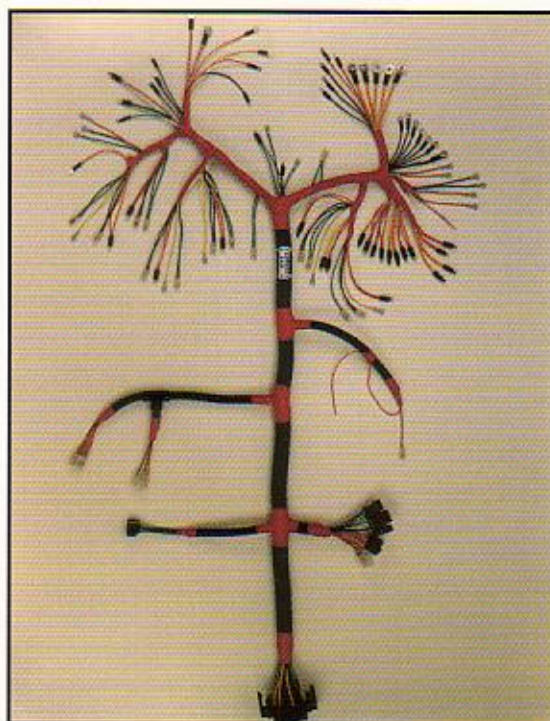
### ▲ Accessible Collector Ring

Quick removal of a protective cover exposes the collector ring, with the boom at any angle.

### State-of-the-Art Wire Harness

All Link-Belt hydraulic cranes have Packard XL automotive-type wire harnesses throughout for outstanding long term reliability.

— For fleet owners, all models feature uniform routing of wire harnesses.



### Color-coded, ▲ Numbered Wiring

All Link-Belt hydraulic cranes feature numbered, color-coded wiring that is encased in a protective sheath. Brass spade-type connectors greatly improve reliability. Uniform routing makes servicing and troubleshooting easier than ever before.

Link-Belt Hydraulic Truck Cranes are made in the USA and deliver the industry's finest combination of performance features, PLUS, state-of-the-art "designed-in" reliability and serviceability features. Your Link-Belt distributor stands ready to assist you in discovering the industry's best investment.



Authorized Link-Belt Distributor