



# BIG TRUCKS FORGED IN AMERICA

High-Capacity Cushion & Pneumatic Tire Lifttrucks and Terminal Tractors



# BIG TRUCKS FORGED IN AMERICA

The BIG TRUCK experts, Hoist Liftruck is a U.S. manufacturer of high-capacity lift trucks ranging from 7 to 57 tons. From heavy-duty cushion tire and pneumatic forklifts, to container handlers and reach stackers, all of our lift trucks are 100% made in the USA.



Each lift truck is engineered and manufactured to maximize its durability, productivity and serviceability needed for the most demanding applications. This ingenuity also allows Hoist Liftruck to have industry-best lead times of 8-12 weeks for most equipment. With our U.S. roots dating back more than 95 years, Hoist Liftruck has extensive knowledge in high-capacity material handling equipment. We continue to embody the red, white and blue-collar spirit with BIG TRUCKS forged in America.

Hoist Liftruck's corporate headquarters and manufacturing facilities are centrally located in America's heartland, close to Chicago Midway International Airport, major highways, rail lines, as well as our vendors.



Each of our lift trucks are 100% made in the USA thanks to our vertically integrated factory and partnership with domestic vendors.

Our dedicated team of professionals strive to provide comprehensive customer service from initial contact to service and parts support in the field. Most Hoist Liftruck dealer locations stock a majority of commonly used parts that are ready for immediate pick-up or delivery.



**BIG TRUCKS FORGED IN AMERICA**



*"We needed a larger truck and  
Hoist was our choice. For the  
price and quality, you really get  
a lot when you choose a Hoist  
Liftruck."*



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# PNEUMATIC TIRE P-SERIES

Whether you need to handle 16 tons of lumber or 50 tons of pipe, the P-Series line of heavy-duty pneumatic tire lift trucks are your big truck material handling solution.

The P-Series strikes a unique balance of durability and ergonomics. These lift trucks are engineered to withstand the rugged nature of outdoor applications while providing the operator with maximum comfort and control.

Each P-Series is designed to provide optimal operating and fuel efficiency. The high performance Cummins diesel engine is powerful, yet offers reduced fuel consumption and emissions. Features such as variable pumps adjust oil flow accordingly to provide faster lift cycles while also reducing fuel consumption.

For ultimate versatility and efficiency, equip your P-Series with the Quick-Change Fork System. This unique feature allows crews to switch between forks and coil ram in just minutes without removing the pin!



## **Capacity Range:**

22,000 - 125,000 lbs. (11 - 62 tons)

## **Wheelbase:**

115 - 225 in. (3,000 - 6,000 mm)

## **Load Center:**

24 - 48 in. (600 - 1,200 mm)



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*"Many of our drivers really love the Hoist lift trucks. They say these are the Cadillacs of lift trucks."*



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# ROUGH TERRAIN

## RT-SERIES

"Forged in America" and even tougher than the rest. Hoist Liftruck's Rough Terrain (RT), a version of the popular P-Series pneumatic tire lift trucks, includes models available from 22,000 lbs. to 30,000 lbs. capacity.

Models: RT220 | RT 240 | RT 260 | RT280 | RT300



The RT features full-time all-wheel drive with heavy-duty planetary drive and steer axles and hydrostatic 2-wheel steering to maneuver through the most demanding applications.

The RT Series' robust power shift three-speed transmission evenly distributes power between the front and rear drive axles to provide superior traction while giving the operator dependable control.



Like the P-Series, the RT is eye-appealing while meeting, or, in most cases, exceeding, current worldwide regulations for stability, sound levels and safety. Hoist's design engineer team utilizes the latest CAD three-dimensional solid modeling technology to develop the RT for maximum quality in terms of performance, durability, operator safety, comfort, visibility and serviceability.

At competitive prices, heavy-duty grade RT utilizes premium components only suited for rough terrain, outdoor environments. The pneumatic tires are reinforced with all-wheel drive for better traction and control in uneven, outdoor environments, whether it be icy fields or unpredictable terrains in a military base.

### **Capacity Range:**

22,000 - 30,000 lbs. (11 - 15 tons)

### **Wheelbase:**

115 / 136 in. (2,900 - 3,400 mm)

### **Load Center:**

24 in. (610 mm)



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*"Amazing all-wheel  
drive for my team  
to get the job done  
quick no matter what  
the conditions are!"*



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# CONTAINER HANDLERS

## LCH & ECH SERIES

Ports rely on a fast and safe transition for their containers to maintain efficient operations. The Loaded Container Handler (LCH) and Empty Container Handler (ECH) Series of container handlers are engineered for fast lift cycles, reliable operations and efficient serviceability.



The LCH and ECH feature excellent all-around visibility with an elevated cab position, angled overhead window and wide-view mast. The unique mast design provides improved durability and reduced torsional stress. Various attachment options provide excellent serviceability and secure handling of loaded or empty ISO containers.

Each container handler in our line is designed to contribute optimal operating and fuel efficiency to maintain operator comforts, even in a durable lift truck capable of withstanding harsh applications and minimizing downtime.

The container handler line includes both the LCH and ECH, in addition to the Reach Stacker (RS) and Hoist T-Series terminal tractor to give customers a "one-stop shop" solution for port applications.



### **LCH SERIES:**

- Stacking height up to 6 containers
- Capable of lifting 20'-, 40'- or 53'- containers
- 8'6" and 9'6" containers
- Up to 90,000 lbs. (41 ton) capacity

### **ECH SERIES:**

- Stacking height up to 8+1 containers
- Capable of lifting 20'-, 40'- or 53'- containers
- 8'6" and 9'6" containers
- Up to 22,000 lbs. (11 tons) capacity



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*"The ergonomics of the truck are great. The air-ride seat, electronic joystick controls and visibility are key for our operators."*



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# REACH STACKER

## RS SERIES

The Reach Stacker (RS) Series offers material handling solutions for port, intermodal and even industrial operations. Whether it's stacking containers, loading/unloading trailers or transporting wind turbine components, the RS Series can be adapted to handle a wide array of heavy lift applications.

Some of its features include a cab capable of independently powered movement for superior operator visibility; inclination and optical distance sensors; and robust boom and attachment structure designed for 1 million cycles. The RS Series includes models and options to accommodate several applications, including front stabilizers for second- and third-rail operations as well as wide twist-lock, pin-style and trailer attachments.

Several safety precautions are set in place for reliability and peace of mind. In case of power loss in the middle of lifting, the cab's rear window easily opens for emergency exit. An interlock safety system ensures proper locking sequence and overload warning system protects against lifts too heavy for the forklift.

The container handler line includes the RS Series, in addition to the Loaded Container Handler (LCH) and Empty Container Handler (ECH), as well as the Hoist T-Series terminal tractor to give customers a "one-stop shop" solution for port applications.

### RS SERIES:

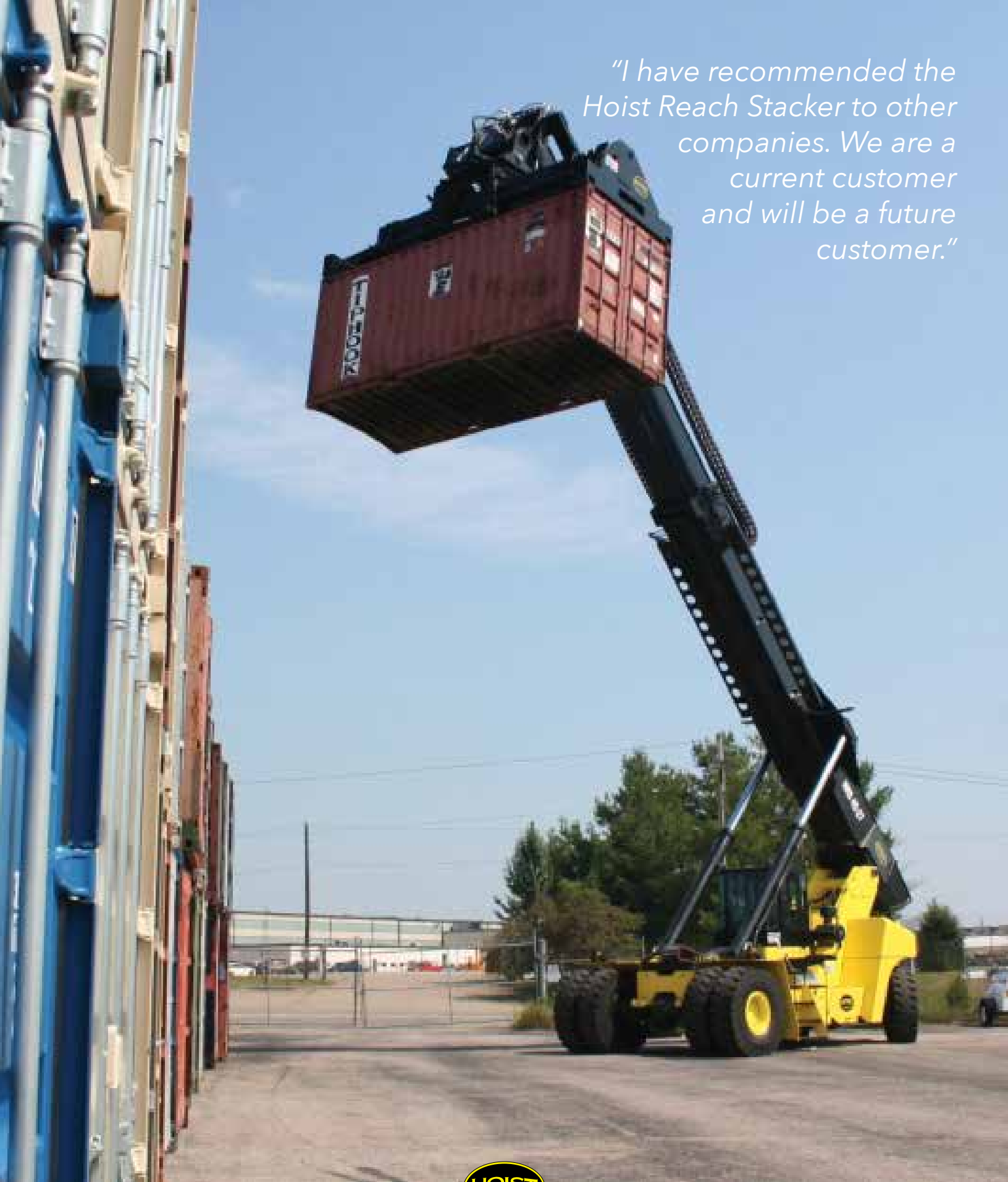
- Stacking height up to 5 containers
- Stacking depth up to 3 rows
- Capable of lifting 20'-, 40'- or 53'- containers
- 8'6" and 9'6" containers
- Up to 99,000 lbs. (50 tons) capacity



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*"I have recommended the  
Hoist Reach Stacker to other  
companies. We are a  
current customer  
and will be a future  
customer."*



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# EXTENDABLE COUNTERWEIGHT FR SERIES

Flexibility is the key when it comes to the FR Series extendable counterweight lift truck. Ideal for riggers and machinery movers, this extraordinary machine provides a vast range of capacity options with just the push of a button.



The innovative extendable counterweight frame is designed to provide stability at full capacity and extended load centers yet is compact enough for maneuvering in confined areas. Stackable counterweights and a removable hydraulic boom with collapsible boom stand allow for easy transport, while quick-change forks optimize performance.

Smart Screen Technology is an FR Series standard feature. The onboard digital display is capable of diagnosing faulty fuses, recording fault history, pulling up operator manuals and as an optional feature, serving as an optional feature, including a back-up camera for visibility of operations behind the operator and FR Series.



## Capacity Range:

**FR 15/25:** 15,000 – 25,000 lbs. (7 – 12 tons)

**FR 25/35:** 25,000 – 35,000 lbs. (12 – 17 tons)

**FR 40/60:** 40,000 – 60,000 lbs. (20 – 30 tons)

**FR 60/80:** 60,000 – 80,000 lbs. (30 – 40 tons)

## Wheelbase:

**FR 15/25:** 76 – 112 in. (1,900 – 2,800 mm)

**FR 25/35:** 76 – 112 in. (1,900 – 2,800 mm)

**FR 40/60:** 98 – 146 in. (2,500 – 3,700 mm)

**FR 60/80:** 120 – 168 in. (3,000 – 4,300 mm)

## Load Center:

**FR 15/25:** 24 in. (600 mm)

**FR 25/35:** 24 in. (600 mm)

**FR 40/60:** 36 in. (900 mm)

**FR 60/80:** 36 in. (900 mm)



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*"The maneuverability and advanced controls of the Hoist FR-Series is excellent. The ability to change from forks to boom in just minutes is tremendous."*



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# MARINA LIFTRUCKS

## NEPTUNE SERIES

The Neptune Series handles boats with care, style and class. The sleek marina lift truck is perfect for a marina or boat storage facility of any size.

The spacious cab, air-ride seat and tilt steering provide maximum comfort for the operator. Intuitive electronic joystick controls and superior visibility allow for safe and effortless handling, as well as fast cycle times. The advanced rubber fork covering system securely grips boats without damage. Galvanization and a three-step paint process provide maximum corrosion protection.

The three-step paint process is crucial for rust and corrosion protection. A moisture cure Zinc rich primer is the base. The Zinc primer acts as a long-lasting primer for the truck. Even with exposed metal, the Zinc primer keeps rust secluded to one area to prevent spreading across other parts of the lift truck. The next step is a catalyzed Epoxy primer to seal in the Zinc primer and provide an additional layer of protection for the lift truck. To top everything off, a high-performance gloss Urethane coat gives the Neptune its color and one final protective layer.

### **Capacity Range:**

15,000 - 55,000 lbs. (7 - 27 tons)

### **Wheelbase:**

94 - 170 in. (2,400 - 4,300 mm)

### **Load Center:**

96 in. (2,500 mm)



**BIG TRUCKS FORGED IN AMERICA**



*"We love the Neptune because of how smooth and comfortable it rides. It handles big boats easily, which gives us, as well as our customers, a very secure level of comfort.."*



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# CUSHION TIRE

## TITAN, FKS & LAZER SERIES

Our line of cushion tire lift trucks offer the ultimate combination of strength, maneuverability and comfort. Operating in the harshest applications, these durable lift trucks offer compact chassis and a wide array of mast and attachment configurations to work in diverse industries from paper to forging to automotive.



The Titan and FKS Series are powered by a Cummins diesel engine and a load sensing hydraulic system with a combined lift capacity range of 18,000 to 100,000 lbs. between the two. The Titan and FKS are not only powerful, but also run on increased productivity and fuel efficiency.

The Lazer Series makes up the same combination of strength, maneuverability and comfort as the Titan and FKS Series, but on an electric platform. The Lazer Series runs off of electric battery power, giving off zero diesel emissions and limited noise emissions, making it the utmost option for indoor work environments. Majority of the same mast and attachment configurations for the Titan and FKS Series models are still included with the Lazer Series.



### Capacity Range:

**Titan Series:** 18,000 – 22,000 lbs. (9 – 11 tons)

**FKS Series:** 23,000 – 100,000 lbs. (12 – 50 tons)

**Lazer Series:** 15,000 – 100,000 lbs. (8 – 50 tons)

### Wheelbase:

**Titan Series:** 80 in. (2,000 mm)

**FKS Series:** 90 – 125 in. (2,300 – 3,200 mm)

**Lazer Series:** 75 – 92 in. (1,900 – 2,300 mm)

### Load Center:

**Titan Series:** 24 – 36 in. (900 – 1,200 mm)

**FKS Series:** 24 – 36 in. (900 – 1,200 mm)

**Lazer Series:** 24 – 36 in. (900 – 1,200 mm)



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*"Our drivers say the Hoist lift trucks are more modern and comfortable than other lift trucks they've operated."*



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# HOIST T-SERIES TERMINAL TRACTOR

When we set out to renovate the terminal tractor, our team was focused on maximizing both efficiency and the overall operator experience. Thanks to features such as the Hendrickson AIRTEK suspension and Smart Screen Technology, the Hoist T-Series terminal tractor adds serious value without raising costs.



The Hoist T-Series was designed with the operator in mind every step of the way. A smoother ride with less strain on the operator's back? The Hendrickson suspension eliminates the "bucking bronco" effect due to air springs supporting a majority of the load, greatly increasing driver comfort. A seat that can resist punctures from pens and radios while providing lumbar support? The Sears air-ride seat is made up of a seamless design while also supporting operator's backs without putting pressure on the spine. Digital diagnostics without ever leaving the inside of the cab? Smart Screen Technology can diagnose faulty fuses, store vehicle history, operators manuals and show you real time engine status, all from the comfort of your air-ride seat.



The container handler line includes the Hoist T-Series, in addition to the Reach Stacker (RS), Loaded Container Handler (LCH) and Empty Container Handler (ECH) Series to give customers a "one-stop shop" solution for port applications.

## KEY PERFORMANCE FEATURES

- Military Grade Axletech Rear Axle
- Cummins Tier 4 6.7L HP Engine
- Hendrickson AIRTEK Suspension
- Allison 3500 Transmission
- MD4 Smart Screen Technology

## KEY ERGONOMIC FEATURES

- Sears Premium Air-Ride Seat
- 72"x24" Rear Door
- Digital Instrumentation with Stereo
- Premium HVAC
- Document, Pen and Clipboard Storage
- Intelligent Interior Layout



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*"Great addition to the Hoist line, the Hoist T-Series sells itself with the focus on durability and operator comfort. Our customers are thrilled with the product."*



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# PARTS DISTRIBUTION FOR ALL HOIST SERIES

We pride ourselves on our 100% manufactured and assembled in America big trucks, with more than 75% of the components manufactured in-house at our Midwest facility.

The combination of quality, in-house manufacturing along with partnerships with reputable vendors within a 100-mile radius of the factory allows us to provide around-the-clock parts support to minimize your downtime.

We have more than \$5 million in parts inventory ready for same- or next-day delivery. Specific parts that are not in stock or that need to be machined are usually available in less than two weeks. Additionally, a majority of Hoist Liftruck dealerships carry commonly used parts that are available for immediate pick up.

# ATTACHMENTS FOR ALL HOIST SERIES

Customize your equipment with the right attachment for your specific application. Whether the job calls for a billet grab, paper clamp or our popular Quick-Change Fork System, Hoist Liftruck has the attachment best suited for your needs.

## Attachment Options:

- 2-Stage Hi-Vis Mast
- 2-Stage with Free Lift Mast
- 3-Stage Mast
- Additional Work Lights
- Coil Grab Hooks
- Coil Ram with Side Shift
- Extended Height Carriages
- Extended Width Carriages
- Fork Mounted Container Handlers
- Forging/Foundry Billet Grabs
- Independent Fork Positioner
- Integral Coil Ram
- Kissing Coil Radius Forks
- Lift / Tilt Accumulator
- Lumber Forks
- Magnets
- Mono Mast
- Multiple Pallet Handlers
- Oil Line Reel Lifting
- Pallet Forks
- Pipe Hold-Down Clamps
- Quick Change Carriage (Forks to Coil Ram)
- Quick Disconnect Hydraulic Connections
- Rotators
- Side Shifting Fork Positioner
- Slope Pile
- Tire Handler

## RED, WHITE & BLUE COLLAR

All Hoist Liftruck products are manufactured and assembled entirely in the United States. Our roots date back more than 95 years and we take great pride in being a true U.S. manufacturer of material handling equipment. We have a diverse and dedicated workforce who strive for excellence in representing not only Hoist Liftruck, but also America.



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Hoist Liftruck Mfg., LLC. continually improves its products. Specifications are subject to change without notice.



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