



BIG TRUCKS FORGED IN AMERICA

High-Capacity Cushion & Pneumatic Tire Forklifts



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The BIG TRUCK experts, Hoist, is a U.S. manufacturer of high-capacity forklifts ranging from 7 to over 60 tons. From heavy-duty cushion and pneumatic tire forklifts, to container handlers and reach stackers, all of our lift trucks are forged in America at our state-of-the-art manufacturing facility in East Chicago, Indiana.



Each lift truck is meticulously engineered and manufactured to maximize durability, productivity, and serviceability for the most demanding applications. Locally sourced parts and a dedicated engineering staff also help provide industry-leading lead time for production, parts fulfillment, and special design requests.

With our U.S. roots dating back more than 95 years, Hoist has extensive knowledge in high-capacity material handling equipment. Our dedicated team of professionals strive to provide comprehensive customer service from initial contact to service and parts support in the field. Over 5,000 parts stocked in Columbus, Indiana, and a constantly analyzed and improved inventory keeps your downtime and costs to a minimum.



Regardless of your high-capacity need, rely on the big truck experts to deliver skilled support and craftsmanship necessary to get the job done.





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 forklifts tackle all of your heavy lifting needs.

The P-Series strikes a unique balance of durability, ergonomics, and high-powered performance. Engineered to withstand the rugged nature of outdoor applications, the P-Series also provides the operator with maximum comfort and control.

Each P-Series is designed to provide optimal 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 productivity, 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)



ROUGH TERRAIN RT-SERIES

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

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

At competitive prices, the heavy-duty grade RT-Series utilizes premium components that are well-suited for rough terrain and outdoor environments. The RT-Series features all-wheel drive for better traction and control in uneven environments.

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)





EXTENDABLE COUNTERWEIGHT FR SERIES

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

The innovative, adjustable-counterweight frame provides increased capacity when extended, while allowing for superior maneuvering in confined areas when retracted. Stackable counterweights and a removable hydraulic boom with collapsible boom stand allow for easy transport, while quick-change forks optimize performance.

Each FR Series forklift comes standard with Hoist Smart Screen Technology (SST), an onboard digital display that includes important vehicle data accessible from the driver's seat to increase productivity. Operator and service manuals, a capacity calculator, and optional back up camera functionality can be accessed through the display. Service technicians can access an abundance of vehicle information right at their fingertips in order to determine problems before they ever open a panel or door.

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)





CUSHION TIRE (IC) TITAN SERIES

The Hoist Titan Series combines agile maneuverability with ample lifting capacity to handle your toughest indoor challenges. A powerful PSI 4.3L V6 engine with superior torque and fuel efficiency allows the Titan Series to move paper, steel, and other high-capacity loads quickly and efficiently. The powertrain also features a three-speed Dana automatic transmission that has been time-tested and engineered for maximum durability and smoother operation.

Whether you're operating in a dusty paper mill or an intense forging application, the Titan Series comes standard with heavy-duty components and advanced technologies to keep your equipment running shift after shift. Standard wet-disc brakes, a rugged planetary drive axle, and built-in engine protection system help keep downtime to a minimum while maximizing performance.

We understand the importance of being able to service your forklift easily and efficiently. Whether it's routine maintenance or on-site service call, the Titan Series is designed to allow easy access to all integral components to minimize downtime. Easy-lift hoods, panels, and doors give technicians immediate access to vital service points. The innovative hydraulic multi-gauge provides quick and easy pressure readings with a simple twist of the dial, eliminating the need to tap into individual hydraulic lines.

Capacity Range:
18,000 - 22,000 lbs. (9 - 11 tons)

Wheelbase:
80 in. (2,000 mm)

Load Center:
24 - 36 in. (900 - 1,200 mm)





CUSHION TIRE (IC) F-SERIES

The F-Series offers the ultimate combination of strength, maneuverability, and comfort. Operating in the harshest indoor applications, these durable cushion tire forklifts offer a wide array of mast and attachment configurations, as well as design options, to work in heavy industries such as steel and forging.

With the F-Series, operators will be comfortable and productive shift after shift thanks to well-designed controls and an ergonomic cabin compartment. A standard digital instrument display provides key insights into operational information such as truck performance, error codes, and onboard diagnostics. Programmable parameters allow you to fine tune performance to meet an operator's unique needs in their specific application.

The powertrain, composed of a powerfully efficient PSI 5.7L V8 engine and three-speed automatic powershift Dana transmission, maximizes productivity while minimizing downtime and costs. A load-sensing hydraulic system employs variable pumps to adjust oil accordingly for higher throughput while also reducing fuel consumption.

Capacity Range:

23,000 - 100,000 lbs. (12 - 50 tons)

Wheelbase:

90 - 125 in. (2,300 - 3,200 mm)

Load Center:

24 - 36 in. (900 - 1,200 mm)





CUSHION TIRE (ELECTRIC) LAZER SERIES

The Lazer Series boasts the same combination of strength, maneuverability, and comfort as the Titan and F-Series – but on an electric platform. The electric Lazer Series provides zero emissions with minimal noise, making it the perfect option for indoor work environments.

With capacities up to 40,000 lbs. at a 30" load center, the Lazer Series handles large, high-capacity loads with ease. AC drive and pump motors provide optimal efficiency for superior run-time and smooth performance, while the hood-mounted hydraulic controls are ergonomically designed for ease of use and improved productivity.

Fewer wearable parts and lower energy costs reduce the overall cost of operation and minimize downtime. Servicing the Lazer Series is also fast and intuitive thanks to easy-access components and a hydraulic multi-gauge for quick diagnosis of hydraulic issues. The standard 7" touch screen display puts advanced diagnostics and detailed forklift information right at your fingertips for quick assessment of forklift status and usage.

Capacity Range:

15,000 - 100,000 lbs. (8 - 50 tons)

Wheelbase:

75 - 92 in. (1,900 - 2,300 mm)

Load Center:

24 - 36 in. (900 - 1,200 mm)





CONTAINER HANDLERS

LCH & ECH SERIES

Ports rely on fast and safe transition of containers to maintain efficient operations. The Loaded Container Handler (LCH) and Empty Container Handler (ECH) Series 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 provides optimal operating and fuel efficiency as well as enhanced operator comfort and control. A multitude of options, such as monitoring systems and cabin upgrades, are also available for you to customize each container handler to fit your application's unique needs.

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 lb. (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 lb. (11 ton) capacity





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 high-capacity 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. Standard twist-lock engagement indicators on the boom and in the operator cabin inform the operator of container engagement status. An interlock safety system ensures proper locking sequence, and the overload warning system protects against lifts too heavy for the forklift.

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 lb. (50 ton) capacity







MARINA LIFT TRUCKS

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 cured 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)







PARTS DISTRIBUTION FOR ALL HOIST SERIES

We pride ourselves on forging all Hoist forklifts in America at our state-of-the-art facility, with a large portion of the components being manufactured in-house in East Chicago, Indiana. The combination of quality and in-house manufacturing – along with partnerships with reputable, local vendors – allows us to provide around-the-clock parts support to minimize your downtime.

A parts inventory of more than 5,000 SKU's is stocked at our parts distribution facility in Columbus, Indiana, allowing for fast and efficient delivery. Hoist dealerships also stock commonly replaced parts and provide expert service and repair to help keep your operations running.

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 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 Radiused 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





Hoist, Inc.
4407 Railroad Ave. | East Chicago, IN 46312
www.Hoistlift.com | 708-458-2200 | Sales@hoistlift.com

WARRANTY SERVICES
812-359-1171 | Warrantyservices@hoistlift.com

AFTERMARKET PARTS
708-458-2200 | Parts@hoistlift.com



Some product features described are optional.
Please consult your dealer for specifications. Details of specifications and equipment
are based on information available at time of printing and may change without notice.