

Lazer
Series™

Lazer
Series™



Hoist Liftruck Mfg., Inc
6499 West 65th Street
Bedford Park, IL 60638
1.708.458.2200
1.708.458.1176 Fax
www.hoistlift.com

Manufacturing 15,000 Pound to 100,000 Pound Solid-Tire Liftrucks since 1918.

Made in the U.S.A.

Hoist Liftruck® continually improves its products,
specifications are subject to change without notice.

HOIST LIFTRUCK®

LAZER SERIES

In the **Hoist Liftruck**® tradition, the new **Lazer Series Liftruck**™ has been engineered for the most demanding applications. For the past four decades our larger mill trucks have proved reliable in tough situations, and our strong reputation continues with the new, compact **Lazer Series Liftruck**.

The new **Lazer Series Liftruck** excels in its field. Among its amazing attributes:

- Innovative design using the latest technology, created with our customer constantly in mind.
- Optimum operator comfort, allowing for supreme ergonomics.
- Powerful engineering already proven in all **Hoist Liftrucks**.
- Advanced features personalized for and unique to the **Lazer Series Liftruck**.
- Unsurpassed customer care and support.

LAZER SERIES MODELS & CAPACITIES

UNITED STATES

E150: 15,000 lbs. @ 24" load center
E180: 18,000 lbs. @ 24" load center
E200: 20,000 lbs. @ 24" load center
E220: 22,000 lbs. @ 24" load center

INTERNATIONAL (METRIC)

E7: 7,000 kg @ 600 mm load center
E8: 8,000 kg @ 600 mm load center
E9: 9,000 kg @ 600 mm load center
E10: 10,000 kg @ 600 mm load center



INNOVATIVE DESIGN

Not only is the new **Lazer Series Liftruck** extremely eye-appealing, it has been designed and tested to meet or exceed current, worldwide regulations for stability, sound levels and safety. You can be confident that **Hoist Liftrucks** meet any and all specifications.

How does **Hoist Liftruck** execute such an outstanding achievement? Our design engineering staff uses the latest in three-dimensional solid modeling technology to develop the ultimate lift truck in terms of operator safety, comfort, visibility and serviceability.

Hoist Liftruck also uses many of the same components throughout our product lines—this way manufacturing costs stay low and parts supply and service are simple and efficient. Shared components allow us to rapidly deliver new lift trucks and maintain an ample spare parts supply at our dealers and at our factory.



OPERATOR COMFORT

For maximum performance, an operator must have all of the essential tools. Let that begin with a **Lazer Series Liftruck™**. The new **Lazer Series** has mastered ergonomics, supplementing its superior performance with ultimate operator comfort while reducing fatigue and anxiety.



Tilt Steering Column

- Allows for easy entry and exit.
- Adjusts for any size operator.



Steering Column Display

- Always visible to the operator, despite steering column position.
- Displays hour meter and fault codes, and indicates battery discharge, brush wear and motor over-temperature.



Dash-Mounted Parking Brake

- Contoured to the hand.
- Does not obstruct entry or exit.
- Simple to engage or release.



Hydraulic Levers

- Soft-touch levers require minimum effort to operate.
- Levers are contoured to the hand for maximum comfort.
- Conveniently located within immediate operator range for efficient function control.



Operator Extras

- Near-at-hand clipboard, cup holder and utility bin.



Semi-Suspension Seat

- Fully adjustable, contoured seat for any size operator.
- Built-in hip restraints.
- Retractable seat belts.



Easy Entry and Exit

- Low, 18-inch, non-slip, open top step.
- Padded handgrips.
- Non-slip, molded, rubber floor mat that also shields operator from driveline heat, noise and vibration.

SUPERIOR VISIBILITY

The **Lazer Series Liftruck**'s™ wide-open mast, recessed battery compartment and unique counterweight design allow for unobstructed visibility in all directions.



UNMATCHED MANEUVERABILITY

The **Lazer Series Liftruck** gives you the necessary capacity without sacrificing warehouse space. Operators can easily maneuver in and out of tight work areas, like in rail cars and among large machinery.

The extremely tight turning radius is achieved through the short wheelbase and the degree of tire swing. The steering wheel requires only 2 3/4 turns lock to lock. Steering is very responsive and does not tire the operator, even in congested work areas.



PROVEN ENGINEERING

Hoist Liftruck® is synonymous with reliability. The precise, proven engineering and stringent manufacturing practices that have defined our company in the past will carry into the future with our new **Lazer Series Liftruck**.

Versatile Mast Options

The **Lazer Series Liftruck**'s mast is adaptable to your product lines. We have a mast option to fit your specific needs, whether you need to pick up steel or aluminum coils without sacrificing visibility, unload boxcars and stack jumbo paper rolls, or carry a load through an eight-foot door.

MAST FEATURES

- Heavy-duty extruded and rolled mast rail.
- Optional three-stage and freelif mast.
- ITA standard carriages allow you to use your favorite attachment.
- Auxiliary hydraulic functions available.
- Hydraulic hoses are strategically placed for the best possible visibility.
- Larger diameter hoses and fittings deliver responsive hydraulic functions.



Dual Action Roller

The **Lazer Series Liftruck** uses dual-purpose, heavy-duty mast rollers. Built-in side thrust rollers reduce wear on mast rails when handling unbalanced or off-center loads, thereby extending the life between repairs or replacement.



Steer Axle

- Robust design excels in the roughest applications.
- Double-acting cylinder is protected by heavy steel support beams and provides effortless power steering.
- Fewer moving parts mean lower maintenance costs.
- Lubrication points are easily accessed from the side.



Planetary Drive Axle

The planetary drive axle is the first of its kind, specifically designed to perform in the 15,000 to 22,000 pound capacity range. It reduces maintenance costs due to gear reduction at the hub and it allows a larger ratio while supporting a small differential. All gears are heat-treated and precision-ground. Integral "J" mast mounts provide durability and strength.

ADVANCED FEATURES

Hoist Liftruck® keeps in constant, close interaction with our customers, and it is their feedback that has laid the foundation for the Lazer Series™ most advanced features.



Hoist Transistor Control (HTC)

HTC was developed specifically for the Hoist Lazer Series Liftruck. This unique design combined with state-of-the-art microprocessor technology allows for extremely efficient and reliable operation of the lift truck.



HTC Hand-Held Calibrator

The compact, hand-held HTC calibrator provides quick and reliable information on the Lazer Liftruck's operation. A trained service technician can use the analyzer to set performance parameters. The HTC calibrator also quickly pinpoints any operational problems and provides instant answers, allowing the lift truck to return to service without delay.

"On-Demand" Hydraulic System

Our "load-sensing" hydraulic system performs quietly and superbly while reducing power demands. It delivers responsive braking and steering functions and limits demands on the batteries.



Drive Motor

The heavy-duty driver motor used in the Lazer Series Liftruck provides more than adequate power and torque to provide the response operators expect.



Battery Removal System

Polyurethane slides and roller options allow for quick battery removal and insertion. Optional proximity switches ensure that side gates are properly closed before operation.



Battery Compartment Cover

Sturdy yet light weight, the Lazer Series Liftruck's optional battery compartment cover provides easy access to service or replace batteries.



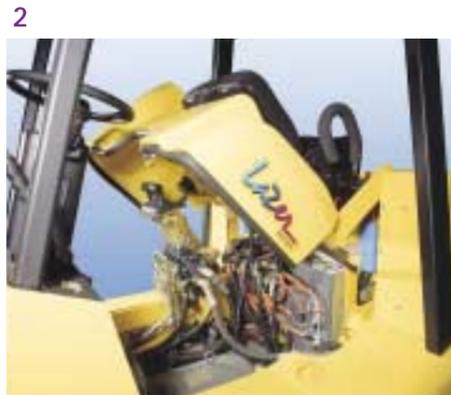
12-Volt Accessories

Standard 12-volt accessories on the Lazer Series Liftruck include two forward lights, two backup lights, brake lights, a backup alarm, and an amber flashing beacon. Other available accessories include a heater, an operator's fan and wiper motors.

Pneumatic-Shaped Solid Drive Tires

Offered as an option, these tires provide a softer ride on rough floors and better traction on wet floors.





EASY SERVICE FOR YOUR LAZER

- 1 Daily checks and routine maintenance are simple with the **Lazer Series Liftruck's**™ easy-lift hood, which is supported by an air spring. Once opened, service points and the HTC panel are within immediate reach.
- 2 Remove four bolts from the floor plate to gain instant and complete access to the drive motor.
- 3 The Lazer's swing-out door provides quick access to the hydraulic pump and motor for routine maintenance.



CUSTOMER CARE

Every **Hoist Liftruck**® is backed by an organization dedicated to complete customer satisfaction. From the initial contact, through the sale and for as long as you own a **Hoist Liftruck**, our experienced staff works for you. Our more-than-qualified customer service personnel are on call 24 hours a day.

Hoist Liftruck stocks over 30,000 different parts at our Bedford Park, Illinois location for immediate parts availability. Our vast inventory includes anything from small electrical parts through complete drivelines and mast assemblies. **Hoist Liftruck** dealers throughout the world also keep a significant stock of **Hoist** replacement parts for immediate local pickup or delivery.

Our dealers also have experienced service personnel who are readily available for repairs and preventive maintenance.

