

titan

SERIES



TITAN SERIES

SOLID REPUTATION

Operator comfort. Maneuverability. Reliability.

These are just a few reasons why the **Titan Series** is in a class by itself. Used in various industries such as paper, steel, beverage and automotive, the **Titan Series** provides the necessary capacity without sacrificing space. Advanced ergonomics give the operator optimal comfort, reducing fatigue and anxiety.



Boxcar-style optional.

Improvements to the Titan Generation II

Hook-on counterweight design to better distribute weight to the chassis rather than c-weight bolts.

Larger hydraulic filter for more capacity and less replacement intervals.

Larger capacity lift chains.

Access panels to easily reach service points. Engine hood modified for easier lifting, as well as new hood latch that prevents jamming.

Piston cylinders replaced with displacement cylinders, reducing leaking issues.

Removal of overhead guard made easier. Sheet metal does not have to be removed.



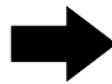
Not only is the **Titan Series** extremely eye-appealing, it has been designed and tested to meet or exceed current, worldwide regulations for stability, sound levels and safety.

Hoist's design engineering staff uses the latest CAD three-dimensional solid modeling technology to develop the highest quality lifttruck in terms of performance, durability, operator safety, comfort, visibility and serviceability.

Hoist uses many of the same North American components throughout its product line to keep costs low and make parts immediately available 24-hours a day.



INNOVATIVE DESIGN



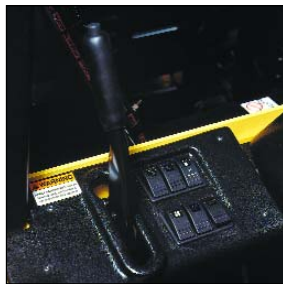
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OPERATOR COMFORT

For maximum performance, an operator must have all the essential tools around them. The Titan Series is designed with advanced ergonomics for maximum comfort and visibility.



Tilt-steering column. Easy entry and exit for any size operator.



Parking brake, gauges and controls located on dashboard.



The operator platform meets ANSI B56.1 FOPS operator protection.



Soft-touch hydraulic levers require minimum effort. Clipboard and cup holder located by controls.



Optional finger-tip levers are designed to move within the full range of seating positions.



Directional/gear-shift lever located on steering column.



Low, 18-inch, non-skid steps for safe and easy entry and exit.



Adjustable semi-suspension seat with retractable seat belts.



Optional camera system for added visibility and safety.

SUPERIOR VISIBILITY

*Hoist continues its excellence in operator visibility with the **Titan Series**, designed to provide the operator with optimal visibility in all directions.*

The **Titan Series**' two-stage, hi-vis mast (optional three-stage and full-free lift mast options available) provides excellent forward visibility.

- Main rollers are lubricated and sealed.
- Main and side thrust rollers reduce friction and are impact-resistant.
- Greaseable mast pivots are constructed with wear-resistant bronze bushings.
- Accumulator in lift circuit reduces shock on mast and load.
- Flow control built into the base of the lift cylinders provide controlled lowering even in the event of a hose failure.
- Chrome-plated rods (all cylinders) for easy seal replacement.



The standard low-profile carriage includes pin-mount, machine-contoured forks [located in low or high position] that provide maximum strength, visibility and no load damage. Slope pilers, side-shifting fork positioners and side-shifts are optional.



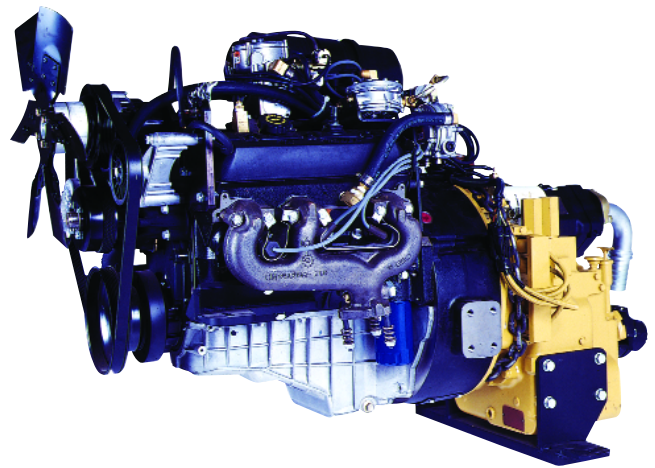
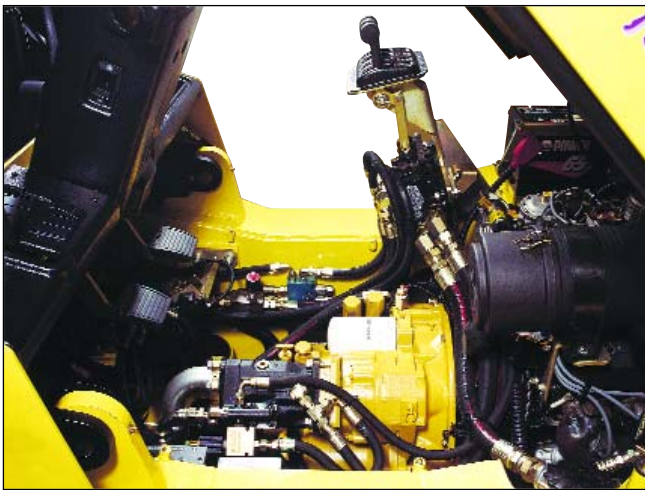
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POWER & RELIABILITY

The **Titan Series** carries the **Hoist** reputation of reliable and durable lifttrucks. While some high-quality components are optional on other lifttrucks, **Hoist** makes them standard to exceed customer expectations.

The **Titan Series** is powered by a standard LP gas (tanks not included) GM 4.3L V6 engine. An optional Cummins 3.3L V6 turbo diesel is also available.

- Two-stage heavy-duty air cleaner with restriction indicator.
- Heavy-duty isolated anti-vibration bolt in drive line mounts.
- Inboard muffler with optional purifier.
- Bolted open-core radiator with high-capacity cooling system.
- Built-in shut down system.
- 100-amp alternator with built-in regulator.
- Meets current EPA regulations.

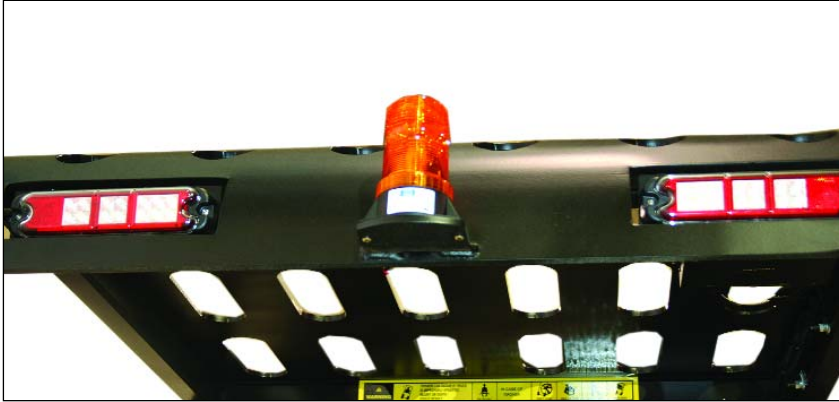


The Dana 12,000, three-speed automatic transmission has a true inching system, giving the operator precise vehicle control. The quality transmission reduces premature failure, as well as prevents shifting until travel speed is less than 1 mph.

- The automatic powershift control allows the transmission to automatically shift at programmed speeds and load points. This allows the operator to focus on the task rather than the mechanical function of the drive train.

The load-sensing hydraulic system performs heavy-duty tasks quietly while reducing power demands. It delivers responsive braking and steering functions, as well as prevents the engine from stalling if any hydraulics function deadlocks.

- O-ring face seal fittings on the entire hydraulic system to prevent oil leaks.
- Tilt-lock valve with counterbalance to prevent mast twist.
- Large clean-out covers located on the top of the tank.
- Hydraulic tank with suction strainers and return filters. Filters are easily accessible for quick replacement.
- Parker pumps, valves and seals.

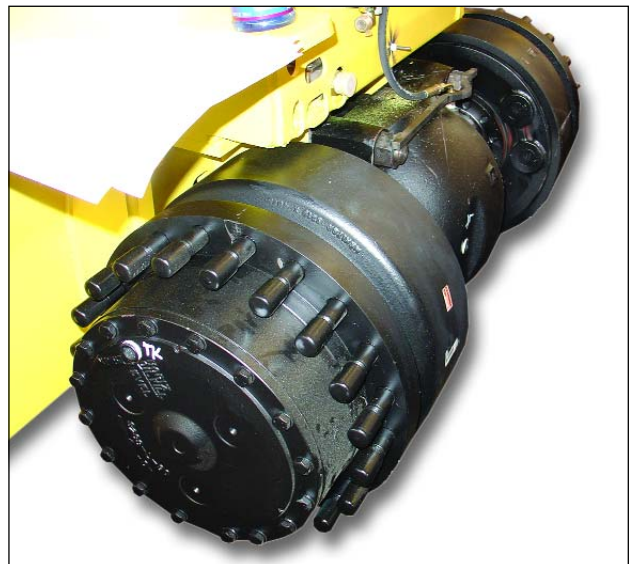


- All wires are color-coded and enclosed with a split-tubing wire-loom wrap to protect against abrasion and sealed weather pack to protect against moisture.
- Manual reset circuit breakers and anti-restart ignition switch.
- Electrical system controls the LED headlights, tail lights, turn signals, backup lights, market lights, brake lights and LED amber strobe light. All lights are completely sealed and last 10,000 hours.



Cab feature optional.

- Heavy-duty AxleTech planetary drive axle designed for high load capacities, longer life and reduced maintenance.
- Large drum-type brakes provide high capacity and reliability.
- Brakes do not overheat or glaze.
- Spring-applied, hydraulic-released parking brake.



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- Dual-action bolt on cylinder is protected by heavy steel support beams and provides effortless power steering.
- Lower maintenance costs due to minimal amount of moving parts.
- Easy access to lubrication points.
- Sealed tapered roller bearings.
- High-impact greaseable composite trunnions.



UNMATCHED MANEUVERABILITY

The Titan Series offers the necessary capacity without sacrificing space, allowing operators to easily maneuver in and around tight areas. The tight turning radius is achieved through a short wheelbase and unique design of the steer axle. The steering wheel requires only 2 3/4 turns lock to lock.

UNPARALLELED STRENGTH

*Hoist's quality line of liftrucks start with a strong foundation. The **Titan Series** chassis provides strength and durability while distributing weight evenly throughout the liftruck. The unique compact design allows the **Titan Series** to be compact and maneuverable, yet strong enough to lift heavy loads.*



- Chassis specifically designed on a large platform to ensure durability to handle heavy loads. Other liftrucks may be designed on a smaller platform, which is unable to distribute weight evenly and stand up to heavy loads over time.
- Heavy steel cross supports gives the frame added durability.
- Low chassis side plate allows easy access to the drive train.
- Optional low-profile counterweight is lead-filled with a metal shell for high-capacity applications in a compact design.
- Integrated lifting points.
- Two-part rust-inhibiting polyurethane base coat and two-part polyurethane top coat for corrosion protection.

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Daily checks and routine maintenance are simple on the **Titan Series**. Easy-access service panels located on each side of the lifttruck (pictured below) and a flip-open hood (pictured above) to access the engine, filters, fluids and other service points.



Hydraulic pressure can be easily read by twisting the gauge. This eliminates downtime due to hydraulic system issues.



EXCEPTIONAL SERVICE

*Hoist values its customers and understands the importance of maintaining the quality of the liftruck, as well as providing quick and satisfying service and parts support. The **Titan Series** is designed to allow easy access to all its integral components for maintenance and repair. Unlike other forklift manufacturers, all parts and equipment on the **Titan Series** are from North American manufacturers, giving **Hoist** customers immediate parts and service support 24 hours a day.*



Every **Hoist** liftruck is backed by a company dedicated to complete customer satisfaction. From the initial contact, through the sale and for as long as you own a **Hoist** liftruck, the experienced staff works for you.

Hoist stocks over \$4 million in replacement parts at its Bedford Park, Illinois USA headquarters for immediate parts availability. The vast North American-based inventory includes everything from small electrical components to complete drive lines and mast assemblies. **Hoist** also has a worldwide dealer network that keeps a majority of its replacement parts in stock for immediate pick up or delivery, as well as technicians to assist with preventative maintenance and repairs.

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- 12-month/2,000-hour warranty [parts and labor]. Optional extended warranties up to 12,000 hours.
 - Operator, parts and service manuals included.
 - 24-hour parts and service support. Online ordering available at www.hoistlift.com.

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Taking your products to greater heights.

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Made in the USA



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