

FKS Series



FKS SERIES

SOLID REPUTATION

The **FKS Series** is a heavy-duty cushion-tire lifttruck with the power to lift loads up to 100,000 pounds, but compact enough to maneuver in tight areas. The FKS Series is used in a number of industries including:

- **Automotive**
- **Steel**
- **Paper**
- **Beverage**
- **Forging**
- **Canning**



EXPECT the **FKS Series** to provide...

- An innovative design using the latest technology with our customer constantly in mind.
- Supreme ergonomics for increased operator comfort.
- Advanced features unique to this series.
- Powerful engineering proven in all **Hoist** lifttrucks.
- Unsurpassed customer care.

Not only is the **FKS 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 liftruck 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 FKS Series is designed with advanced ergonomics for maximum comfort and visibility.



Features

- Meets ANSI B56.1 FOPS operator protection.
- Dual brake pedal and inching control.
- Tilt-steering column. Easy entry and exit.¹
- Soft-touch hydraulic levers require minimum effort. Optional finger-tip levers (pictured) are designed to move within the full range of seating positions.²
- Adjustable semi-suspension seat with retractable seat belts. Adjustable air-ride seat (pictured) with seat belts optional.
- Low, 18-inch, non-skid steps for safe and easy entry and exit.
- Directional/gear-shift lever on steering column.³
- Overhead guard provides safety and visibility to the operator.
- Gauges and auxiliary controls located on front console for easy viewing. Displays include hour meter, engine coolant temperature, oil and fuel levels, low battery, engine temperature and spring-applied, hydraulic-released parking brake.



The optional air-ride cab reduces vibration and shock to the operator's platform allowing smoother operation and reducing operator fatigue.

SUPERIOR VISIBILITY

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

The **FKS Series**' two-stage, hi-vis mast (optional three-stage mast available) is made with welded-nested channels with lift cylinders secured directly behind the mast rails and the lift chain and optional attachment hosing located inside the inner mast rail completely out of the operator's view.



- Main rollers are lubricated and sealed.
- Main and side thrust rollers reduce friction and are impact-resistant.
- Mast pivots are constructed with wear-resistant steel bushings and hardened steel pins. Mast pivots are also greaseable.
- 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 (lift and tilt 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 **FKS 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 Dana 32,000, 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.

- Transmission cooling through a built-in heat exchanger in lower tank of radiator.
- Transmission oil is filtered through a conveniently remote-mounted filter.
- 12-plate modulation for smooth forward/reverse shifting.

The **FKS Series** is powered by a standard LP gas (tanks not included) GM 5.7L V8 engine. An optional Cummins 5.9L V6 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.



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.
- 75-gallon hydraulic tank with suction strainers and return filters. Filters are easily accessible for quick replacement.
- Parker pumps, valves and seals.



- Electrical box is located inside the cab. All wires and components are located inside a sealed enclosure.
- All wires are color-coded and enclosed with a split-tubing wire-loom wrap using sealed weather pack connectors to protect against abrasion.
- 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.



- Heavy-duty 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 FKS 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 1/2 turns lock to lock.

UNPARALLELED STRENGTH

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



- Heavy steel cross supports gives the frame added durability.
- Low chassis side plate allows easy access to the drive train.
- 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 with the easy-access service panels located on each side of the lifttruck and under the floor board of the operator's platform. Once open, fluid, filter, engine and other service points are immediately within reach.



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 **FKS 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 **FKS 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.

FKS Series



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.