

 **TOYOTA**
INDUSTRIAL EQUIPMENT



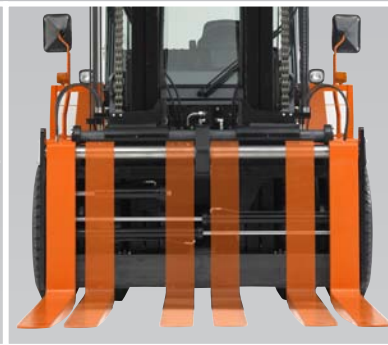
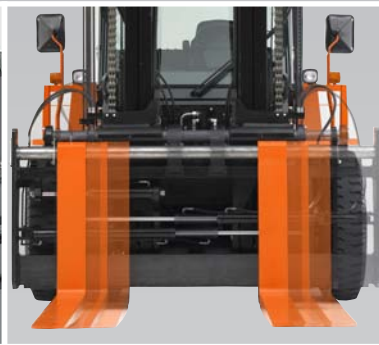
22,000 - 51,000 lbs

**PNEUMATIC
DIESEL**

24" - 36" LOAD CENTER

PERFORMANCE

- ▶ **Automatic 2-speed transmission with 2-stator torque converter** performs similarly to a 3-speed transmission, but provides smoother operation due to less shift changes.
- ▶ **Full hydrostatic power steering** offers effortless and responsive operation for precise maneuverability in confined work areas.
- ▶ **Exclusive synchronized steering** keeps the position of the steering wheel and steering tires consistent for optimum comfort and clear visibility to the gauges.
- ▶ **Air-over-hydraulic wet-disc brakes** provide excellent stopping power under the most extreme conditions.
- ▶ **Fast lifting speeds** are attained by the use of small diameter lift cylinders and increased hydraulic pressure.
- ▶ **Rapid heating glow plugs** provide quick starts at the beginning of a cold work day.



▶ **The Hino 7.68-liter, 6 cylinder diesel engine** features a common-rail fuel system, water cooled EGR valve, turbocharger and intercooler. All of these items add up to a powerful engine that generates low noise, low vibrations and extremely low exhaust emissions, while complying to current EPA/CARB standards.

▶ **Headlights, rear working lights and rear combination lights** are standard equipment for enhanced productivity.

▶ **Optional pin-type hydraulic attachments** (sideshifter, fork positioner and sideshifting-fork positioner) enhance operator productivity by minimizing truck movements for storing and retrieving loads.

Independent brake and inching control pedals provide excellent stopping power and precise positioning of the lift truck.





DURABILITY

▶ **Heavy-duty planetary drive axle** by AxleTech International is engineered to meet the increasing demands of today's aggressive lift truck applications.

▶ **Engine protection system** automatically reduces the engine's output if the coolant temperature rises to potentially damaging levels. This option prolongs engine life and reduces operating costs.

▶ **Parking brake warning buzzer** notifies the operator if the lift truck is put in gear with the parking brake on. This helps prevent the operator from driving with the parking brake activated.

▶ **Wet-disc brakes** with a dedicated oil cooling system are performance proven under the most severe operating conditions and can help ensure minimum vehicle downtime and maximum productive operating time.

▶ **Exclusive 2-stator torque converter transmission** with 2-speeds is designed and built to withstand the toughest of applications.



▶ **Fully oil-charged lift cylinders** provide additional corrosion resistance and leak protection to the hydraulic cylinder rods.



Large heavy-duty air cleaner ◀

with optional precleaner and cyclone air cleaner provide additional protection in dusty environments.

Efficient cooling system ◀

provides optimal airflow through the radiator reducing the likelihood of overheating and extending the overall life of critical engine components.

Box-type welded frame ◀

is extremely strong and rigid to hold up in the most demanding applications.

Heavy-duty lifting eyes ◀

are standard equipment on all models.

Full floating hydraulic oil valve ◀

increases the durability of the hydraulic system and improves operator comfort by dampening vibrations to the hydraulic levers.

Heavy-duty pin-type carriage ◀

with multiple grease fittings is used to help withstand the demands of high-capacity applications.

Heavy-duty steer axle ▶

is constructed from welded thick plate steel and uses tapered roller bearings for increased durability.



ERGONOMICS

- ▶ **Spacious, full floating operator's compartment** provides an extremely comfortable environment for the operator by reducing noise and cushioning vibrations.
- ▶ **Smooth shifting transmission** minimizes shock to the operator during lift truck operations.
- ▶ **Electric parking brake switch** reduces operator back strain by eliminating the need to lean forward to activate and disengage the parking brake.
- ▶ **Tilt steering column** offers multiple locking positions to meet a wide range of operator preferences.
- ▶ **Large dual operator assist grips** have been designed to meet the needs of varying operator sizes in order to facilitate entry and exit.

Short throw hydraulic control levers ▶ are ergonomically positioned next to the seat and utilize pilot-type control valve technology for less operator effort.





- ▶ **Multifunction full-suspension GRAMMER™ seat** provides unequal operator comfort.
- ▶ **Dual seat operator armrests** provide additional comfort to limit body fatigue.

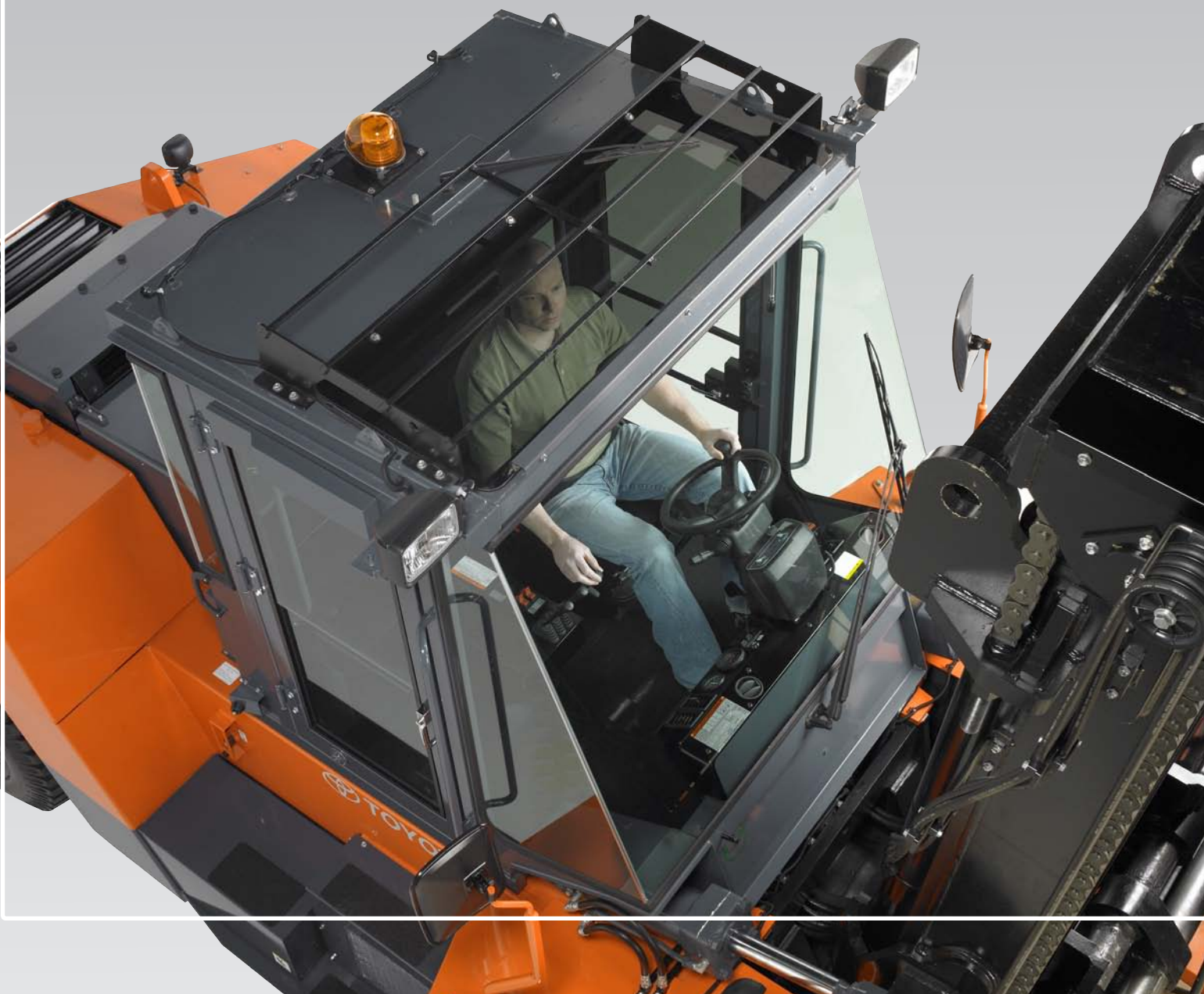


- ▶ **Low, wide entry steps** make it easy for an operator to enter and exit the lift truck.
- ▶ **Full-suspension seat** features back tilt, weight, height, forward and backward adjustments for unequal operator comfort.
- ▶ **Swivel seat option** provides additional comfort to the operator during reverse travel and also makes it easier to enter and exit the lift truck.
- ▶ **Pillar-less deluxe steel cab** option features a full floating mounting system that absorbs and reduces noise and vibration. The pillar-less design allows a wider field of vision. The cab is also well sealed and includes tinted glass to provide exceptional operator comfort (standard on 4FD150-230).



VISIBILITY

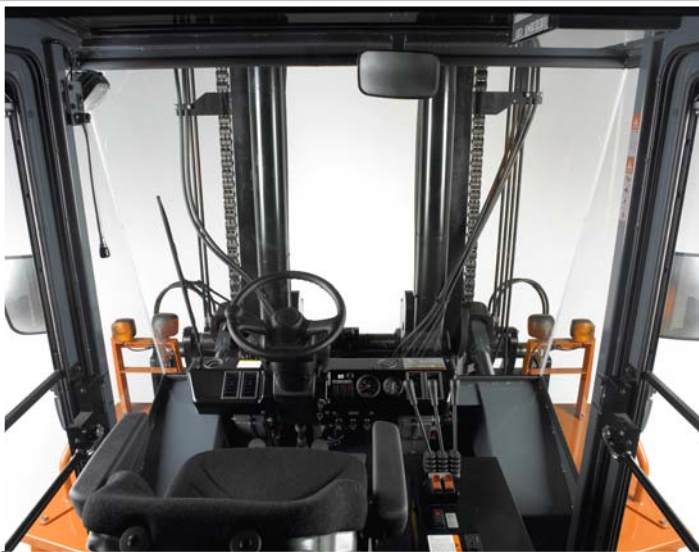
- ▶ **Excellent visibility from the operator's seat** is achieved by a low profile cowl design, uncluttered dashboard and a slim-profile steer column.
- ▶ **Externally mounted mast chains and hydraulic hosing** provide excellent through mast visibility.
- ▶ **Low-profile welded steel counterweight** is angled to provide exceptional rearward visibility and increased maneuverability.
- ▶ **Top glass with angled overhead guard tie-bars¹** provides ideal visibility when handling loads at high heights.
- ▶ **Tinted glass¹** helps minimize glare and optimizes the operator's field of vision for improved operability.





◀ **Forward Visibility**

- Externally mounted mast chains and hydraulic hosing
- Wide view mast design
- Side-mounted hydraulic control levers
- Angled overhead tie-bars



◀ **All-Around Visibility**

- Low-profile cowl design
- Uncluttered instrument panel
- Slim-profile steer column
- Excellent panoramic view
- Clear views in all directions



◀ **Rear Visibility**

- Low-profile welded steel counterweight
- Large opening between the overhead guard pillars
- Pillar-less deluxe steel cab option with tinted glass²
- Swivel seat option

1. These features are included with the pillar-less deluxe steel cab option. 2. Standard on 4FD150,180,200,230 models.

SERVICEABILITY

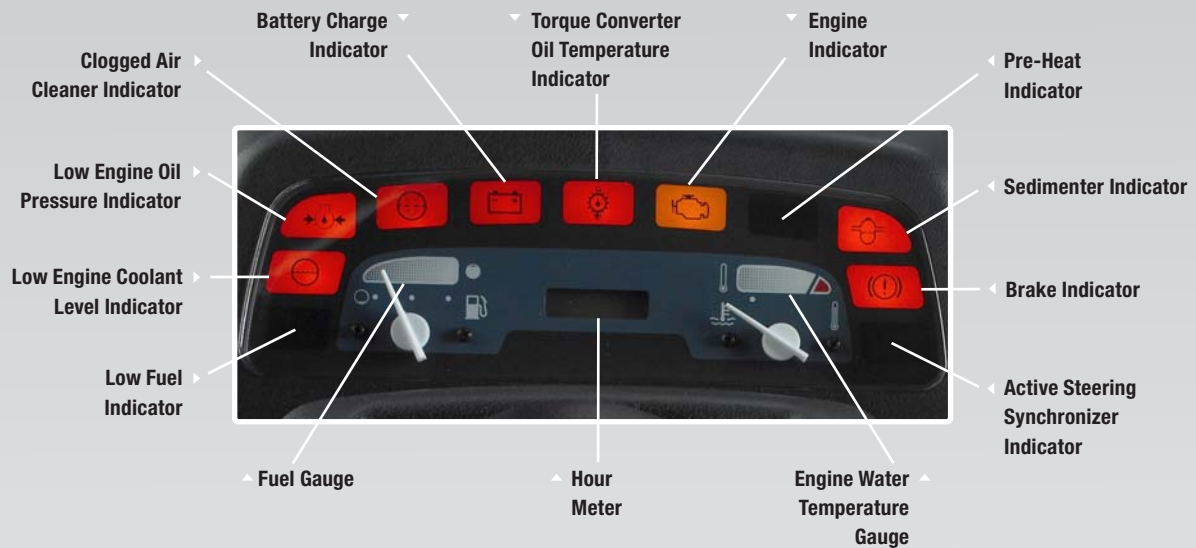
- ▶ **Rotatable tires** allow for easy rotation of all tires to get the maximum life from a set of tires.
- ▶ **Centralized grease fittings for the mast** reduce the time needed for maintenance and also help ensure all required areas are lubricated.



- ▲ **Radial seal high-flow 2-stage air cleaner** features an easy-to-change filter for faster servicing. The extensive pleated surface area provides excellent dirt-trapping capabilities.
- ▲ **Dual 12-volt industrial batteries** are mounted on the right-side of the flip-open step for ease of service.
- ▲ **Cabin air filter** provides clean breathing air for the operator and is easily accessible for replacement.

Integrated Monitoring System

The monitoring system quickly identifies any engine issues to reduce downtime. This prolongs the engine's life and reduces operating costs.



1. Hour meter, low fuel, active steering synchronizer and pre-heat indicators are not illuminated.

OPERABILITY

- ▶ **Operator Presence Sensing System (OPSS)** reduces inadvertent use of the hydraulic functions or driving the lift truck when not seated in the proper operating position.
- ▶ **Compact counterweight** increases productivity in confined work environments.
- ▶ **Upswept exhaust system** helps direct exhaust emissions away from the work surrounding.
- ▶ **Adjustable headlights and rear working lights** help improve the operator's visibility.
- ▶ **Automotive-style air conditioning** option can be adjusted to blow air on your feet, body or on the windshield through various compartment vents (standard on 4FD150-230).
- ▶ **The powerful Hino engine and 2-stator torque convertor** provide smooth starts and acceleration.
- ▶ **Electronic parking brake** is activated easily with a simple press of a button.
- ▶ **Air horn** provides audible awareness to surrounding pedestrians and operators.





- ▶ Thanks to advanced technology and the **world-renowned Toyota Production System (TPS)**, Toyota lift trucks are known for their **quality, durability and reliability**.
- ▶ Whether you plan to purchase a single lift truck or add to your fleet, our team of dealers and National Account Managers specialize in meeting your every need.
- ▶ Toyota lift trucks are backed by proven product support from an **industry-leading network of dealers** who offer a broad range of resources to support your every need, including: factory-trained service technicians, **Toyota Genuine Parts, Toyota Certified Used Lift Trucks**, rentals, and flexible leasing and financing packages through **Toyota Financial Services**.*
- ▶ When you combine this level of support with the operability, reliability and durability of Toyota lift trucks, you receive one comprehensive, value-added package.
- ▶ For more information or to locate the nearest Toyota dealer, call **1-800-226-0009** or visit **www.toyotaforklift.com**.

**Available to qualified buyers. See participating dealers for details.*



◀ Based in **Columbus, Indiana** our state-of-the-art National Customer Center (NCC) is designed to offer the ultimate customer experience.

1 800 226 0009

toyotaforklift.com



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