7-SERIES
ENGINE POWERED FORKLIFTS
7FGCU
LARGE CAPACITY CUSHION TIRE
GAS • LPG

Capacity:
8,000 to 15,500 lbs.
3,629 to 7,030 kg
Next Generation Forklift

The bar is raised. The industry is forever changed. The revolutionary 7-Series forklifts feature the world’s first System of Active Stability™ (SAS) – which helps reduce the risk of forklift accidents. Once again, Toyota ingenuity and engineering have been combined to introduce new and dramatic advancements in design.

Advancements not limited to new safety features, but including overall lift truck operation and performance, as well. As a result, Toyota is driving the world toward a safer, more productive workplace by expanding the 7-Series cushion line-up to 15,500 lb. capacity and 12,000 lb. capacity Boxcar Special models. This is exactly the kind of thinking you should expect from a leader, along with a level of quality that is unique to Toyota Industrial Equipment.
On the 7-Series, SAS is standard. On other forklifts, it’s not even an option.

Each year more than 68,000 forklift accidents are reported in North America. Industry-wide, companies have responded to this problem by implementing better operator training programs. Toyota has responded by engineering a revolutionary forklift.

What makes the 7-Series truly revolutionary is that it includes something no other forklift can offer: the patented System of Active Stability™ (SAS).

Using technology created by Toyota’s engineers for automotive safety systems, SAS electronically monitors and controls forklift operations to help reduce instability. Sensors monitor over 3,000 forklift operations. When instability is detected, the sensors signal the controller which activates SAS systems, including the Active Control Rear Stabilizer and the Active Mast Function Controller.
Active Control Rear Stabilizer
The Active Control Rear Stabilizer helps operators maintain lateral stability. When it senses instability, the Active Control Rear Stabilizer engages the Swing Lock Cylinder which stabilizes the rear axle, helping to reduce the risk of tip-over.

Active Mast Function Controller
The Active Mast Function Controller is uniquely engineered to help operators handle loads at high heights. Depending on the height and weight of the load, the Forward Tilt Angle Controller automatically overrides the operator’s manual control and limits the forward tilt angle of the mast, making it more difficult to spill a load.

The Rear Tilt Speed Controller also helps keep the load stable by governing the reverse tilt speed of the mast.
The new and improved powertrain: beefed-up, yet silky smooth.

The “power” in the 7-Series powertrain is something to behold. Just as forklifts make light work of heavy loads, Toyota is leading the forklift industry, elevating design and performance to another level.

Combine the high-torque, 4.3-litre, overhead valve (OHV) V-6 engine with the 7-Series’ automatic 2 stator torque converter design, and you’ve got a powertrain that delivers exceptional load handling and smooth acceleration, in both forward and reverse. It’s all the performance you need in one forklift.

Optimal comfort and ease of operation are also realized through Toyota’s highly responsive Centralized Hydraulic Power-assist System (CHPS). This advanced system controls tilt, lift, attachment, steering and braking functions with a simple, reliable single-pump design – helping reduce diagnostic time. Our powerful tandem-gear pump and large-capacity hydraulic hosing also help ensure a constant fluid flow for smooth, quiet and responsive control, even under varying load conditions.

Toyota’s transmission includes an electric shifter on the steering column for easy transitions between forward and reverse. The engine and transmission are mounted in a full-floating design to reduce vibration and engine noise. An optional EZ Pedal allows operators to change directions without taking their hands off the wheel or hydraulic controls.

Plus, our full hydrostatic power steering provides precise control for greater maneuverability with less effort, to help keep operators alert and productive throughout their shifts.
More features.
More forklift.
More productivity.
Sometimes more is better.

With advanced ergonomics, steering control and load handling capabilities, the 7-Series not only offers improved operability, it also offers more features to help increase operator comfort and, ultimately, productivity.

In addition, the 7-Series offers excellent maneuverability and a tight turning radius – especially with the Boxcar Special models.

Other features include an integrated headlight and turn signal switch to enhance operability and an exclusive memory tilt steering wheel that provides optimum comfort.
Double-action parking brake has an ergonomically contoured handle and helps prevent the inadvertent release of the brake.

Strategically configured instrument display and hydraulic control levers offer "eyes-forward" viewing while the forklift is in operation, helping the operator to stay comfortably in command.

Hydraulic controls are ergonomically located on the cowl for maximum operator comfort, while allowing easy right-side entry and exit. The SAS Automatic Fork Leveling feature allows operators to handle loads safely and to position the forks horizontally with the simple push of a button.

Wide-view mast allows operators to see the forktips in any position, helping to enhance safety and reduce operator fatigue.

Fingertip-controlled electric shift lever offers easy direction change.
All the advantages of a Toyota lift truck.

Every 7-Series Toyota lift truck undergoes the same world-renowned manufacturing process. Extra steps are always taken to ensure reliability and durability. Rest assured, these models are built to withstand demanding applications.

Product features and benefits listed here are only part of the sum total that reflects Toyota’s relentless commitment to innovative design, rugged construction, operator comfort and safety.

**Toyota’s Centralized Hydraulic Power-assist System (CHPS)** uses a single hydraulic reservoir and engine-driven pump to generate hydraulic lifting, tilting, steering and braking pressure for the entire truck, which helps increase reliability and simplify servicing.

**Automatic 2 stage stator in torque converter** allows for high torque at low speeds without compromising top speed.

**Durable overhead guard** provides maximum load visibility and operator protection.

**Toyota’s planetary drive axle** decreases the torsional stresses commonly experienced with power shifting, resulting in greater reliability, durability and increased uptime.

**Tilt cylinder mast welds** feature rugged construction and reinforce the strength of the mast.
No one can avoid forklift maintenance. Only the hassles of doing it.

Ease of service

Thanks to the many “ease-of-service” features, 7-Series forklifts are quick and easy to maintain. In effect, “routine maintenance” is now truly routine.

An integrated monitoring system reports on all important vehicle information, including SAS system status. It also includes a digital hourmeter; water temperature and gasoline fuel level gauge; plus indicator lights for clogged air cleaner, oil pressure warning and charge warning.

Its easy-lift hood offers quick access to the engine compartment, while the assist damper automatically holds it open in one step.

No-tool floorboard lifts out in seconds for fast, easy access for daily operator checks.

RadialSeal high-flow, 8” diameter, 2-stage air cleaner features an easy-to-change filter, while the extensive pleated surface area provides high-volume dirt-trapping capability.

Single-source pump design of Toyota’s Centralized Hydraulic Power-assist System (CHPS) reduces the number of working systems, resulting in less diagnostic time.

Features and equipment may vary depending on market.
Ergonomics

A comfortable operator is a productive operator. That’s why we have developed a host of ergonomic features for every 7-Series forklift.

• Spacious compartment provides generous head and legroom, helping reduce operator fatigue
• Cowl-mounted hydraulic controls and an operator assist grip help to make entering and exiting safer and easier from both sides of the forklift
• Low, wide steps feature a punch-plate surface to provide sure, confident footing on both sides
• Non-slip hand pad on the hood provides a secure handhold for assisting operator exit
  • An in-dash pen/pencil holder and large hood-mounted clipboard mechanism offer convenient access to work materials
• Heavy-duty, non-slip floor mat reduces noise and vibration for a smooth, quiet and comfortable ride
• Ultra-comfort ORS seat is the industry’s first four-way seat featuring lumbar support adjustment, which helps to optimize operator comfort. Optional three-way adjustable seat features anti-cinch seat belt for additional comfort (a standard feature with the EZ Pedal options)
Toyota’s paper roll handling options.
Engineered specifically with the paper roll handling application in mind.

Greater Durability and Reliability.
Regulation of hydraulic flow and pressure is necessary to achieve proper compatibility between lift truck and paper roll clamp. Toyota and Cascade Corporation have worked together to develop a unique valve which regulates flow and pressure for proper roll clamp operation. This integrated design eliminates the costly and troublesome need to install additional components.

Toyota’s optional Hydraulic Accumulator is a must for handling paper rolls.

Reduce Product Damage.
The Hydraulic Accumulator helps prevent common damage such as scuffing from rolls slipping on the clamp arms and out-of-roundness caused by excessive clamp force crushing the paper roll.

Extend Service Life of Vital Components.
The Hydraulic Accumulator extends the life of both clamp and lift truck by acting as a shock absorber, cushioning the load when traveling up and down ramps or over uneven, bumpy surfaces.
**Improve Fuel Economy & Reduce Damage.**
The use of large #8 sized hydraulic hosing* addresses overheating issues and improves fuel economy by allowing the appropriate flow of oil to the clamp. Mounting the hydraulic hosing inside the mast channel eliminates damage to bulky, vulnerable and vision-restricting hose reels.

*#8 hose = 1/2” inside diameter

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**Factory Installed Cascade Paper Roll Clamps.**
The Toyota Paper Roll Handling options offer a wide variety of Cascade paper roll clamp configurations designed to meet your specific application needs. Both the Paper Roll Handling Package and Cascade paper roll clamp are installed correctly at Toyota’s state-of-the-art manufacturing facility in Columbus, IN.

**Significantly reduce damage to paper rolls with Toyota’s automatic Clamp Leveling feature. Standard on all 7-Series models.**

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**Reduce Damage.**
Improper roll clamp positioning leads to paper roll scuffing and end damage. The Automatic Clamp-Leveling Feature from Toyota allows the operator to level the paper roll clamp with the touch of a button.

Simply depress the Automatic Clamp-Leveling Button located on the tilt handlever while tilting forward and you are on your way to seeing a reduction in paper roll damage.
Established in 1970, Toyota Canada Inc., Industrial Equipment Division (TCI-IED), headquartered in Toronto, Ontario, is the only major lift truck supplier to have a head office and parts distribution centre in Canada dedicated to supporting the Canadian market.

Toyota’s commitment to customer service extends nationwide. Thirty-two authorized Toyota Industrial Equipment Dealer facilities located throughout Canada offer comprehensive customer support including one-stop shopping for lift trucks, genuine Toyota parts and Toyota University accredited service technicians.

Not only is Toyota committed to Canada, but is proud of its overall commitment to North America, which includes:

- Direct North American employment: 38,041
- Direct North American Investment: CDN $20.3 B

We are committed to supporting our products, and most importantly, our customers.

For more information contact your local authorized Toyota Industrial Equipment dealer, fax Toyota direct at 1-800-592-3851, or visit the Toyota Industrial Equipment web site at www.forklift.toyota.ca.

Some product features here-in are optional. Please contact your dealer for specifications. Details of specifications are based on information available at time of printing and may change without notice.