

# 7-SERIES

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## ENGINE POWERED FORKLIFTS

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# 7FGU/7FDU

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PNEUMATIC TIRE

GAS • LPG • DIESEL



Capacity:

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8,000 to 17,500 lbs.

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3,628 to 7,937 kg.



**TOYOTA**

make things better





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 line-up to 17,500 lb. capacity. 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.

The same legendary manufacturing quality that distinguishes Toyota cars and trucks is built into every Toyota forklift.







# Can a forklift be safety-minded? No, but a manufacturer can.

With more than 68,000 forklift accidents reported in North America each year, operator training alone isn't enough to prevent all of them. It takes the combined efforts of every party involved, including manufacturers. With the introduction of our patented System of Active Stability (SAS), Toyota is contributing every way possible.

Using technology Toyota engineers created for automotive safety systems, SAS electronically monitors and controls forklift operations to help reduce instability. Sensors monitor more than 3,000 key forklift functions. When instability is detected, the sensors signal the appropriate controller, which instantly activates the Active Control Rear Stabilizer and the Active Mast Function Controller.

In addition, SAS offers automatic fork leveling. By simply depressing a button on the mast tilt control lever during operation, an operator can work more efficiently and confidently – with less damage to loads and storage racks.



Swing Lock Cylinder indicator light informs operators when SAS is engaged, making them aware of SAS's role in maintaining stability.







## SAS Active Control Rear Stabilizer

The Active Control Rear Stabilizer helps operators maintain lateral stability during turns. When it senses instability, the Active Control Rear Stabilizer immediately engages the Swing Lock Cylinder which locks the rear axle in place to help reduce the risk of lateral tip-over.



WITHOUT SAS



WITH SAS



## SAS 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 angle of the mast, reducing the likelihood of spilling a load or, worse, tipping the forklift forward. The Rear Tilt Speed Controller also helps keep the load stable by automatically slowing the mast's rear tilt speed.



WITHOUT SAS



WITH SAS

The Active Mast Function Controller controls the mast angle and speed depending on the weight and height of the load.





All the benefits of Toyota are now available in models ranging from 8,000 to 17,500 pound capacity, which makes these forklifts particularly suited to even the heaviest duty applications.



# 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 either the high-torque, 4.3-litre, overhead valve (OHV) V-6 engine or the advanced, 5.2-litre (OHV), 6-cylinder diesel 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.



Powering the 7-Series is a reliable 4.3-litre, overhead valve (OHV) V-6 engine designed for gasoline, LPG and dual fuel systems.



Toyota’s advanced 5.2-litre, overhead valve (OHV), 6-cylinder diesel engine offers the power you want for efficient operation.

# 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. The 7-Series also offers excellent maneuverability and a tight turning radius. Other features include an integrated headlight and turn signal switch to enhance operability and an exclusive memory tilt steering wheel that provides optimum comfort.



**High mount rear combination lights** are integrated into the overhead guard, making stops and turns highly visible in the workplace.



**Optional EZ Pedal** enables an operator to quickly change travel direction without taking a hand off the steering wheel or hydraulic controls.





**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.



**Fingertip-controlled electric shift lever** offers easy direction change.



**Wide-view mast** allows operators to see the fork tips in any position, helping to enhance safety and reducing operator fatigue.

# All the advantages of a Toyota lift truck.

Every 7-Series Toyota lift truck undergoes the same fundamental world-renowned manufacturing process. Extra steps are always taken to ensure reliability and durability. Rest assured, these models are built to withstand the most 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 planetary drive axle** decreases the torsional stresses commonly experienced with power shifting, resulting in greater reliability, durability and increased uptime.

**Toyota's Centralized Hydraulic Power-assist System (CHPS)** uses a single hydraulic reservoir and engine-driven pump to generate hydraulic pressure for lifting, tilting, steering and braking, which ultimately increases reliability and simplifies servicing.





**Air intake system** is located high up in one of the rear pillars to draw in air with a minimum of dust and dirt. Design helps extend operating life and maximize uptime.

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

**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 (or diesel) 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.





# 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 operator assist grips 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 more comfortable ride.
- Ultra-comfort ORS seat is the industry's first four-way seat featuring a 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 option).



**Swing-out or optional swing-down LP tank bracket** enables the changing of LP tanks to be quick and easy, without forcing the operator to reach over the counterweight and risk back strain.









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Thanks to advanced technology and a world-renowned manufacturing process, Toyota products are known for quality, dependability, reliability and stand-out productivity. And, now, with the innovation of SAS, companies and operators alike are relying on Toyota to help improve workplace safety. These features, along with numerous other enhancements, add to Toyota's innovative design capabilities and proven product support from an industry-leading network of dealers. Whether you're interested in a single truck or a fleet management program, our team of dealer consultants specializes in fulfilling your material handling needs. All Toyota lift trucks are backed by extensive resources: factory-trained service technicians and Genuine Toyota Parts. When you combine this kind of support with the productivity, operability and reliability of a Toyota forklift, you get a comprehensive, value-added package. For more information or the Toyota dealer nearest you, visit [www.forklift.toyota.ca](http://www.forklift.toyota.ca).



Virtually all Toyota 7-Series lift trucks sold in North America are manufactured and assembled at our state-of-the-art manufacturing facility in Columbus, Indiana. Toyota Industrial Equipment Manufacturing (TIEM) has attained ISO 14001 certification for environmental compliance and ISO 9001 for quality management excellence.



TOYOTA CANADA INC. (TCI) has received ISO 14001 certification for its Toronto, Ontario based head office facilities and parts distribution centre. This internationally recognized certification illustrates Toyota's global commitment to protecting the environment.

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](http://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.



**TOYOTA CANADA INC.**

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