

# TOYOTA WORLD-CLASS SOLUTIONS MATERIAL HANDLING













**EQUIPMENT** 

**AUTOMATION** 

**PARTS & SERVICE** 









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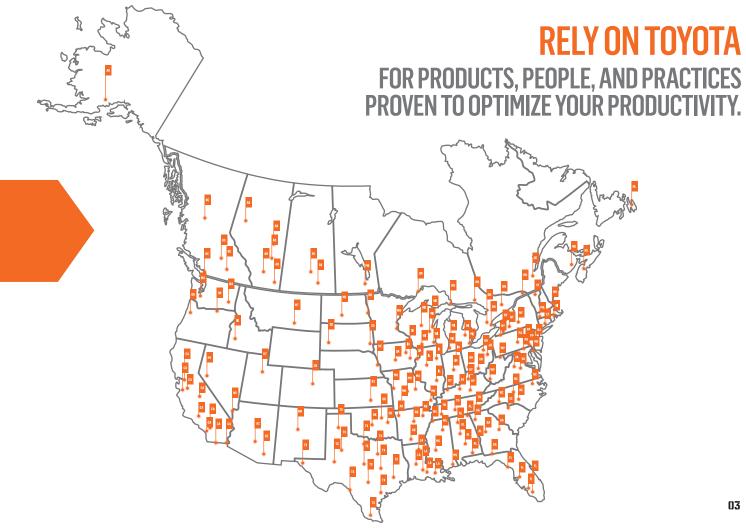
### TOYOTA MATERIAL HANDLING SOLUTIONS

Toyota's commitment to quality, reliability, and customer satisfaction, the hallmark of the Toyota Production System, extends throughout more than 230 locations across North America. With access to an industry-leading lineup of material handling products, Toyota Dealers are uniquely positioned to help solve wide-ranging challenges in warehousing and distribution. Built for every application, Toyota can provide the most complete set of solutions for material handling, automation, energy, advanced logistics, and warehouse optimization.

Expanding our offerings emphasizes Toyota's responsiveness to the growing demand for durable, reliable, energy-efficient products with greater versatility and seamless operation across all applications and environments. Toyota Material Handling can be your full solutions provider and assist in your success - no matter where your business supports the supply chain.

### **NORTH AMERICA'S BIGGEST AND BEST FORKLIFT DEALER NETWORK**





### **TOYOTA MATERIAL HANDLING A NAME YOU CAN TRUST**



The Toyota family tree begins in Japan, but we also have deep roots in the heartland of the United States. In 1990, we opened our world-class Columbus, Indiana plant, which has produced over 850,000 forklifts right here in the U.S.

Totaling 1.5 million square feet on 126 acres, this location houses our National Headquarters, manufacturing, training center, and distribution hub for forklifts and parts. It also includes our National Customer Center, featuring a 360-degree showroom, and live product demonstration arena for our visitors and dealers.

As one of the most recognized and respected brands in the world, the Toyota nameplate is synonymous with quality, durability, and value. It also provides a sense of confidence that few companies can match.

Every forklift that rolls out of our Columbus plant is a product of the legendary Toyota Production System – which features Just-in-Time parts delivery and quality checks at every step of the manufacturing process. As long as our forklifts carry the Toyota name, we'll continue striving to improve processes and quality.



### **CONSULTATION - WE'RE HERE FOR YOU**

Partnering with a Toyota Dealer means having a team of experts available to advise you on your material handling challenges and business goals. To get your operation running at peak efficiency, you need the right equipment and solutions. Our Dealers leverage Toyota Lean Management principles to help you achieve trackable and sustainable results. Reach out to your local, authorized Toyota Dealer for:

- Automation Opportunities
- Site Survey of your operations to help you identify areas of opportunity across your organization and help you develop a plan to achieve your goals:
  - Lead Time Reduction
  - Increased Throughput
  - Increase ROI
  - Waste Reduction
- Equipment
  - Choosing the right equipment for your operation











### **ELECTRIC EQUIPMENT**

Toyota's electric forklifts help you manage your carbon footprint without sacrificing productivity. Electric forklifts are used in a wide variety of applications, including manufacturing, warehousing, distribution, beverage, and retail, and for many indoor and outdoor applications to help you get the job done.

Toyota's electric forklifts are designed and built with fewer moving parts than traditional internal combustion models, making them easy to maintain and with reduced wear and tear. And with Toyota's legendary quality, your operation can anticipate improved uptime, resulting in increased ROI.

### **ELECTRIC EQUIPMENT** -

#### **ELECTRIC FORKLIFTS**













	Stand-Up Rider SR1-BE   SR1-HP	<b>3-Wheel Electric</b> 8FBE15-20U   8FBES15U	Core Electric 8FBC15-18U	Core Electric Turret Forklift	Large Electric 7FBCU35-55	High-Capacity Electric Cushion THDE1500-4000-24
		8FBEH18U	8FBCU20-32	8FBCU32 + OPT Code		THDE3000-4000-30
Load Capacity	3,000 - 5,000 lbs.	3,000 - 4,000 lbs.	3,000 - 6,500 lbs.	2,500 lbs.	8,000 - 12,000 lbs.	15,000 - 40,000 lbs.
Max Travel Speed	8.0 MPH	10.2 MPH	11.5 MPH	11.2 MPH	10.9 MPH	5.2 MPH
Max Lift Height	270.5"	277.5"	278"	238"	239"	327"
Battery Voltage	36V	36-48V	36-48V	36-48V	36-48V	80V
Basic Right Angle Stack	66.3 - 77.0"	68.9 - 77.2"	82.1 - 99.9"	85.2 - 99.9" 1	102.6 - 116.9"	134 - 173.5"

Specifications vary by model and are subject to change. Photos may not reflect physical trucks. Please contact your local, authorized, Toyota Dealer for more information.

#### ELECTRIC FORKLIFTS











	<b>48V Electric Pneumatic</b> 8FBM(K)16-20T	<b>48V-80V Electric</b> <b>Pneumatic</b> 8FBH15-25   8FB30 8FBJ35	80V Electric Pneumatic 05-9FBM(H)(K)20-35T	80V Electric Pneumatic 05-8FBM40-50T	80V Electric Pneumatic 9FBM60-80T   9FBH80T
Load Capacity	3,000 - 4,000 lbs.	3,000-7,000 lbs.	4,000 - 7,000 lbs.	8,000 - 11,000 lbs.	13,000 - 17,500 lbs.
Max Travel Speed	12.4 MPH	10.6 MPH	11.8 MPH	11 MPH	11.0 MPH
Max Lift Height	296.5"	118"	257"	258"	278.5"
Battery Voltage	48V	48V-80V	80V	80V	80V
Basic Right Angle Stack	89 - 93.2"	85.6-94.5	104.1 - 111.8"	120.5 - 126.5"	146 - 152"

Dimension indicates minimum aisle width required for turret operation. Please add 1-3" for clearance.

### **ELECTRIC EQUIPMENT** -

#### REACH TRUCKS













	Sidestance Reach Truck RF1-BEX   RF1-BHX RF1-SDX   RF1-HPX	Fore-Aft Stance Reach Truck RF1-BEX   RF1-BHX RF1-SDX   RF1-HPX	Sit/Stand Reach Truck RF1-SDZ   RF1-HPZ	Fore-Aft High-Capacity Reach Truck RF1-HCX	Sidestance High-Capacity Reach Truck RF1-HCX	Sit/Stand High-Capacity Reach Truck RF1-HCZ
Load Capacity	2,500 - 4,500 lbs.	2,500 - 4,500 lbs.	2,500 - 4,500 lbs.	3,200 - 4,500 lbs.	3,200 - 4,500 lbs.	3,200 - 4,500 lbs.
Max Travel Speed	8.0 MPH	8.0 MPH	8.0 MPH	7.5 MPH	7.5 MPH	7.5 MPH
Max Lift Height	444"	444"	444"	542"	542"	542"
Battery Voltage	24 - 36V	24 - 36V	36V	36V	36V	36V
Basic Right Angle Stack	82.5 - 123.0"	82.5 - 123.0"	82.5 - 123.0"	100 - 124.5"	100 - 124.5"	100 - 124.5"

#### REACH TRUCKS









	Multidirectional Reach Truck RF1-MD	Moving Mast Reach Truck (Indoor/Outdoor) RRE160HR	Moving Mast Reach Truck (Indoor Only) RRE140-250H/HC	Moving Mast Reach Truck w/ Tilting Cab (Indoor Only) RRE140-250HE/HEC
Load Capacity	4,500 lbs.	3,500 lbs.	3,000 - 5,500 lbs.	3,000 - 5,500 lbs.
Max Travel Speed	7 MPH	6.8 MPH	8.7 MPH	8.7 MPH
Max Lift Height	268"	295"	512"	512"
Battery Voltage	36V	48V	48V	48V
Basic Right Angle Stack	N/A	100.2 - 129.6"	96.6 - 138.3"	96.6 - 138.3"

Specifications vary by model and are subject to change. Photos may not reflect physical trucks. Please contact your local, authorized, Toyota Dealer for more information.

### **ELECTRIC EQUIPMENT –**

#### ORDER PICKERS



	Order Picker 8BPUE15   8BPU15 8BPUH15	Furniture Order Picker 8BPU15   8BPUH15
Load Capacity	3,000 lbs.	1,600 lbs.
Max Travel Speed <sup>1</sup>	6.5 MPH	6.5 MPH
Max Lift Height	390" 1	366"
Battery Voltage	24 - 36V	36V

#### **TOW TRACTORS & TUGGERS**



Tora-Max

2TWT22

2,200 lbs.

2.8 MPH

24V

Capacity

**Max Travel** 

Speed Battery

Voltage

Walkie



Core Tow

Tractor

8TB50

10,000 lbs.

9 MPH

24V



Industrial

**Tow Tractor** 

TT1-HC150

15,000 lbs. on

Flat Surfaces

6 MPH

24V



48V



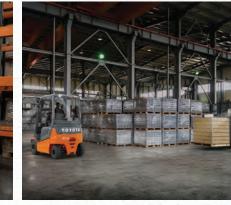


80V











Specifications vary by model and are subject to change. Photos may not reflect physical trucks. Please contact your local, authorized, Toyota Dealer for more information.

Other mast heights and capacities at height available by special design request.

### **ELECTRIC EQUIPMENT**

#### **ELECTRIC PALLET STACKERS/JACKS**













		_						
	End-Controlled Rider Pallet Jack 8HBE30-40	Center-Controlled Rider Pallet Jack 8HBC30-40	Enclosed End Rider Pallet Jack ER1-ES60-80	Side-Entry End Rider ER1-EF60-80	Low Level Order Picker CR1-LP60-80	Walkie Reach Truck 6BWR15	Walkie Stacker 8BWS10-13	Industrial Walkie Stack 6BWS11-20
Load Capacity	6,000 - 8,000 lbs.	6,000 - 8,000 lbs.	6,000 - 8,000 lbs.	6,000 - 8,000 lbs.	6,000 - 8,000 lbs.	3,000 lbs.	2,000 - 2,500 lbs.	2,200 - 4,000 lbs.
Max Travel Speed	6.5 MPH	6.5 MPH	6.5 MPH	6.5 MPH	6.5 MPH	2.8 MPH	3.4 MPH	2.9 MPH
Max Lift Height	9.2"	9.25"	9.25"	9.25"	9.3"	189"	143"	189"
Battery Voltage	24V	24V	24V	24V	24V	24V	24V	24V
Basic Right Angle Stack	91 - 198"	79.8 - 155.7"	80.7 - 184.4"	N/A	N/A	82 - 92"	72.3 - 88.6"	69 - 89"

### ELECTRIC PALLET STACKERS/JACKS















	Counter- Balanced Stacker 6BWC10-20	Tora-Max Walkie Stacker 2TSB26	Tora-Max Straddle Stacker 2TSB35-40	Center Rider Stacker CR1-RS25	Large Electric Walkie Pallet Jack 8HBW30-40	Electric Walkie Pallet Jack 8HBW23	Tora-Max Electric Walkie Pallet Jack 2TWB40	Tora-Max Compact Electric Walkie Pallet Jack 2TWB33  2TWB45
Load Capacity	2,000 - 4,000 lbs.	2,600 lbs	3,500 - 4,000 lbs.	2,500 lbs	6,000 - 8,000 lbs.	4,500 lbs.	4,000 lbs.	3,300-4,500 lbs.
Max Travel Speed	3.0 MPH	2.6 MPH	3.4 MPH	6.0 MPH	3.9 MPH	3.6 MPH	3.1 MPH	2.9 MPH
Max Lift Height	189"	140.3"	180"-207" 1	72"	9.25"	8.8"	4.7"	4.5"
Battery Voltage	24V	24V	24V	24V	24V	24V	24V	24V-48V (LiB Standard)
Basic Right Angle Stack	91 - 123"	89.6"	96.3"	N/A	65.2 - 97.4"	69.3 - 99.2"	89.4"	82.2"

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#### **TOYOTA ENERGY SOLUTIONS**

Power is at the center of evolving material handling solutions. As equipment evolves, the energy sources that fuel them are adapting to complex demands. Toyota Energy Solutions is at the forefront of new technological development that will revolutionize how the industry approaches its energy needs. No matter where you are with optimizing your fleet, Toyota Energy Solutions has the batteries, chargers, and consultants you need to confidently take the next step in your lithium journey.

#### PERSONALIZED ENERGY CONSULTATION

Analyzing your energy sources and making changes to enhance your fleet can require a complex series of decisions. Toyota Material Handling can help guide you through the process to ensure that the products you choose are the right fit for your operation through a personalized energy consultation and power study.

This study will be used to gauge current equipment usage and available charging time to ensure that your operation is a good candidate for lithium-ion batteries.





#### TOYOTA'S LITHIUM-ION BATTERY & COMPATIBLE CHARGERS

Toyota's Lithium-Ion Batteries utilize a patented battery design with a ceramic separator and electrolyte technology to increase your productivity. This design helps keep your battery operating at peak performance throughout a shift without losing voltage or performance. These lithium-ion batteries, which are available for select Toyota Forklift models, will keep you on the move.

Lithium-Ion Chargers offer a plug-and-play solution to easily fit your Toyota Lithium-Ion Batteries and charge quickly to get you back to work. With superior energy management technology, you can expect your charger to run at peak efficiency while only using the necessary modules. The charger – when combined with Toyota's Lithium-Ion Batteries – takes less time to charge and reduces downtime while removing the need for extra batteries.



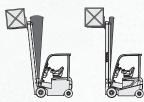
- ► First to market with UL-E/EE approved sit-down forklift and lithium-ion battery combination
- Over 50 tested and approved alternative energy source models across electric rider forklifts, electric narrow aisle lifts, and warehouse equipment
- ➤ Toyota's 24V, 36V, and 48V Lithium-ion batteries available to fit a variety of forklifts

### **ADVANCED TECHNOLOGIES** TO HELP YOU CARRY THE LOAD

At Toyota, we understand the importance of maintaining a highly productive operation all while instilling a culture of safety in your facility. You need to be able to move product faster while keeping your operators comfortable and secure. Toyota offers the latest and greatest technologies to help you keep your eye on the prize and push your operation forward. Toyota engineers and developers have designed a robust family of features and options that work together to passively or actively assist your operation in regards to operability, productivity, or situational awareness.

#### TOYOTA'S SYSTEM OF ACTIVE STABILITY™ (SAS)

System of Active Stability™ (SAS)automatically detects potentially unsafe conditions and engages additional safety features for increased operator protection and reduced risk of damage.









## **TOYOTA** ASSIST





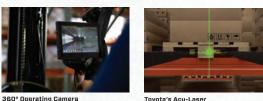




EZ Fingertip Controls®



SEnS+ Smart Environment Sensor Plus



Toyota's Acu-Laser



The SEnS+ Smart Environment Sensor Plus™ camera has been exclusively designed for forklifts to detect objects and pedestrians in the detection range. The system supports your operation by notifying the operator with a warning buzzer and warning lights. In addition to the system notifications, the system can control the traveling speed and slow down the truck for pedestrians and objects in specific conditions.

#### **HOW DOES SENS+ WORK?**

- Alerts the operator when pedestrians and objects are detected behind the forklift
- Audible notifications have three distinct levels based on the distance of the obstacle
- Supports your operation with clear notifications and truck speed control
- No tags for detection required















# INTERNAL COMBUSTION EQUIPMENT

Internal combustion (IC) forklifts are in a class all their own when it comes to heavy lifting applications. Toyota IC Forklifts are equipped with either pneumatic or cushion tires with a lift capacity ranging between 3,000-125,000 pounds. Pneumatic models are mostly used outdoors in industries such as forging, oil and gas, lumber, steel and concrete.

With load capacities of up to 100,000 lbs., cushion models are optimized for indoor applications such as warehouses, factories, and paper mills.

### **INTERNAL COMBUSTION EQUIPMENT** -

IC FORKLIFTS: CUSHION TIRE









	Core IC Cushion 50-8FGCU15-32 50-8FGCSU20	Large IC Cushion 8FGC35-70U	Box Car Special 50-8FGC35U-BCS 50-8FGC45U-BCS 50-8FGC55U-BCS	Paper Roll Special 8FGC55U-PRS
Load Capacity Range	3,000 - 6,500 lbs.	8,000 - 15,500 lbs.	8,000 - 12,000 lbs.	12,000 lbs.
Max Travel Speed	10.9 MPH	13 MPH	13 MPH	13 MPH
Max Lift Height	278"	238.5"	238.5"	N/A
Fuel Type	LP	LP	LP	LP
Basic Right Angle Stack	83.5 - 98.8"	108 - 123"	100.5 - 112"	N/A

### INTERNAL COMBUSTION EQUIPMENT

#### IC FORKLIFTS: CUSHION TIRE







	High-Capacity IC Cushion THDC1800-2200B-24	High-Capacity Large IC Cushion THDC2500-3500-24 THDC2500-5000-30 THDC3000-5500-36	High-Capacity Adjustable Wheelbase THDA25/35   THDA40/60   THDA60/80
Load Capacity	18,000 - 22,000 lbs.	25,000 - 80,000 lbs.	25,000 - 80,000 lbs.
Max Travel Speed	14.3 MPH	10.3 MPH	Varies
Max Lift Height	327"	275"	243.88"
Fuel Type	LP	LP	LP
Basic Right Angle Stack	133.43 - 144.30"	167.19 - 217.58"	140 - 255.6"

Specifications vary by model and are subject to change. Photos may not reflect physical trucks. Please contact your local, authorized, Toyota Dealer for more information.

#### IC FORKLIFTS: PNEUMATIC TIRE













	Core IC Pneumatic 40-8FGU15-32 50-8FGU15-32	Mid IC Pneumatic 50-8FG35-50U	Large IC Pneumatic 50-8FG60-80U	High-Capacity Core IC Pneumatic (2THD) 2THD220-300-24	High-Capacity IC Pneumatic (THD) THD3000-3600S-24 THD3600-3600S-36 THD3600-12500-48	High-Capacity Marina Forklift THDM1500-4400
Load Capacity	3,000 - 6,500 lbs.	8,000 - 11,000 lbs.	13,500 - 17,500 lbs.	22,000 - 30,000 lbs.	30,000 - 125,000 lbs.	15,000 - 40,000 lbs.
Max Travel Speed	11.8 MPH	14 MPH	11.8 MPH	17.9 MPH	24.9 MPH	25.7 MPH
Max Lift Height	277"	239"	239"	244"	504" (V Mast Available)	74'
Fuel Type	LP, Dual Fuel	LP, Dual Fuel	LP, Dual Fuel	Diesel	Diesel	Diesel
Basic Right Angle Stack	91.9 - 112.4"	124.5-134.5"	151-155"	194.23 - 194.73"	203.2 - 441.13"	226.06 - 376.56"

### INTERNAL COMBUSTION EQUIPMENT —

#### **CONTAINER HANDLERS**





	<b>Loaded Container Handler</b> THD8000-L6   THD8600-L5   THD9000-L3   THD9000-L4	Reach Stacker THD9900-R60-90
Load Capacity Range <sup>1</sup>	80,000 - 90,000 lbs.	99,000 lbs.
Max Travel Speed	20.0 MPH	20.1 MPH
Mast/Boom Extended Height	507- 847"	736 - 738"
Fuel Type	Diesel	Diesel
Basic Right Angle Stack	522" (20' container) 601" (40' container)	480" - 508" (20' container) 565" - 586" (40' container)





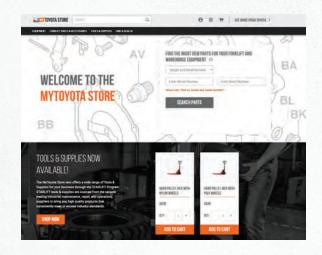












### **MYTOYOTA STORE**

The MyToyota Store is Toyota Material Handling's eCommerce website featuring a marketplace connecting you with authorized Toyota Dealers for quick and easy online shopping. Open 24/7, 365 days a year, the MyToyota Store is the only online source for real Toyota Genuine Forklift Parts. Customers have quick access to more than 600,000 Toyota Genuine Parts as well as select tools, supplies, and Toyota Material Handling equipment available for purchase online.¹



Visit shop.toyotaforklift.com





### OTHER PRODUCTS

#### AVAILABLE ON MYTOYOTA STORE & THROUGH TOYOTA DEALERS





	<b>AICHI E-Series</b> SV1932E   SV2032E SV2632E   SV2646E SV3246E	AICHI Vertical Mast Lift WM1230K   WM1630K
Platform Capacity at Lift Height	500 lbs	500 lbs
Platform Height	19' - 32'	12'-16'
Platform Lift Time	26 - 55 sec	15 - 20 sec
Overall Width	31.9 - 46.1"	30"









	Tora-Max Compact Electric Walkie Pallet Jack 2TWB33   2TWB45	Hand Pallet Jack HPT28U	Tora-Max Walkie Tugger 2TWT22		
у	3,300-4,500 lbs.	5,500 lbs.	2,200 lbs		

MyToyota Store sells tools, supplies, and Toyota equipment online only for those living within the United States.



**Automated Guided Vehicles** 



Goods to Person Systems



**Robotic Palletizing and Depalletizing Systems** 



Racking, Conveyor and **Sortation Systems** 

### **AUTOMATION**

The future of material handling is in the delivery of integrated automation solutions, and Toyota Material Handling is ready to help you meet any challenge. Through our partnership with Bastian Solutions, a Toyota Automated Logistics Company, we can combine datadriven designs, scalable material handling systems, and innovative software to help meet your operational goals. Toyota Material Handling is your single source for every material handling challenge – from forklifts to robotics and the latest automation solutions.





### **AUTOMATION**

#### **AUTOMATED GUIDED VEHICLES**















	Key Cart Automated Guided Vehicle Crawler Bi-Directional Tugger	Mouse and Mole Automated Guided Vehicles Mouse 3A10.15.20T 3AB10.15T Mole 3AS1T	ML2 Mini Load Autonomous Vehicle¹	M10 Tug Autonomous Vehicle¹	Center-Controlled Rider Automated Guided Forklift 8HBC40A	Core Tow Tractor Automated Guided Forklift 8TB50A	CB18 Automated Guided Forklift <sup>1</sup>
Load Capacity	1,100 lbs	1,764-4,400 lbs	440 lbs	2,200 lbs	8,000 lbs.	10,000 lbs.	4,000 lbs
Max Travel Speed	1.6 MPH	1.7 MPH	4.0 MPH	1.9 MPH	4.5 MPH	4.5 MPH	6.7 MPH
Overall Length	34.8-46.4"	44.2-91.3"	40.5"	78.7"	106.5-154.5"	63.2"	73.5"
Overall Width	19.8-23.6"	14.6 - 15"	23.8"	14.6"	39.8"	39.8"	50.3"
Battery Voltage	24V	24V	24V	24V	24V	24V	48V (LIB)

<sup>1</sup> Please reach out to info@bastiansolutions.com for more information.

Specifications vary by model and are subject to change. Photos may not reflect physical trucks. Please contact your local, authorized, Toyota Dealer for more information on Toyota branded equipment.

### PARTS & SERVICE

You bought quality for a reason. Why not keep your Toyota Forklift operating at top efficiency with parts that were engineered to get the job done. After all, Toyota is the only material handling manufacturer that requires Automotive Service Excellence (ASE) certification – the automotive service industry-standard – as part of its master certification program. This ensures your forklifts will be maintained by the best of the best – Toyota Certified Technicians.



# WORLD-CLASS SUPPORT FROM THE WORLD'S BEST DEALERSHIP NETWORK

Toyota Forklifts are backed by proven product support from an industry-leading network of more than 60 dealers at over 230 locations across North America.

- ► Factory-trained service technicians
- ► Tovota Genuine Parts
- ► Flexible financing through Toyota Industries Commercial Finance
- Forklift safety training
- ▶ Planned maintenance options
- Rental forklifts
- ► Fleet Management Solutions



### **TOYOTA 360 SUPPORT**

Toyota 360 Support is our promise to be your full support forklift supplier from the moment we first begin a conversation and throughout the entire life of your ownership. Toyota 360 Support is the most comprehensive support promise in the industry and is designed to save you money, downtime, and headaches. Toyota 360 Support provides full-circle support for your forklift fleet, bringing measurable benefits through our:

- ► Largest Dealer Network
- ► Toyota Genuine Parts
- ► Toyota-Certified Technicians
- ► Industry-Leading Warranty
- Lowest Cost of Ownership

When you choose Toyota, we have more than your back – we've got your front, sides, and everything from top to bottom.



