### **MOVING MAST REACH TRUCK**



# MOVING ON UP

- ▶ Up to 512" Lift Height
- Up to 5,500 lb. Capacity
- Tilting Operator Compartment
- Interactive Touchscreen Display
- Fully Adjustable Compartment
- Transitional Lift Control
- 360-degree or 180-degree Steering

RRE140H | RRE160H | RRE180H | RRE200H | RRE250H

**LOVOTA** 



# VERSATILITY YOU CAN COUNT ON

UP TO **512** IN. LIFT HEIGHT

**TOYOTA'S MOVING MAST REACH TRUCKS** are in a class all their own when it comes to productivity, performance, and efficiency. These powerful lifts are equipped with innovative ergonomics and technology and offer clear and precise control for fast and smooth handling shift after shift. The Toyota Moving Mast Reach Truck delivers the perfect lift to fit your operation's needs, even for the most demanding applications.



# **PERFORMANCE WITH PRECISION**

Warehouses continue to build upward due to space constraints, meaning operators are required to work at higher lift heights that can be difficult to see from the ground level. The high-performance Moving Mast Reach Trucks increase productivity and visibility at height thanks to an innovative mast design, a revolutionary tilting operator compartment\*, and an optional transparent roof that delivers exceptional visibility.

Designed with the operator in mind, the transparent roof combined with unique mast design offers the operator superb upward visibility with minimal load view obstruction. The unique optional tilting operator compartment reduces the risk of strain for the operator in repetitive high-level applications. It improves the visibility of the load – allowing the operator to see the fork tips when elevated without moving their head. The optional fork laser enhances this even further by helping to pick pallets faster while minimizing damage.

#### **SEEING PAST THE MAST**

Operators will love the fully adjustable compartment, featuring an adjustable seat, control handle, armrest, steering console, and more. The compartment floor quickly adjusts to improve operator comfort and support. A new optional air-suspension seat makes sure operators can complete their heavy lifting with ease.

#### **INTERACTIVE TOUCHSCREEN DISPLAY**

Each Toyota Moving Mast Reach Truck comes standard with an intuitive touchscreen display that includes optional functions like lift height and warnings for overload.

#### Driver Control

• Automatic speed control, fork leveling, and centering.

#### Optional Lift Mode

• Driver will get continuous updates on lift height, load weight indicator, and fork alignment

Customizable performance and operating characteristics to meet your operation's needs



Interactive touchscreen display

\*Optional

- ► Forward Tilt: Up to 2 degrees
- Backward Tilt: Up to 4 degrees
- Programmable to Suit
   Operator's Preference
- Reduces Risk of Operator Strain
- ► Offers Clear View At Height



# MOVING MAST REACH TRUCK Advantages

ATOYO

#### AN INTUITIVE RIGHT-HAND MAIN CONTROL

**CONSOLE** allows the operator to choose between minijoystick controls or multifunction controls to maximize productivity and comfort

#### THE OPTIONAL AIR-RIDE SUSPENSION SEAT

ensures operator comfort. Easily adjust the compartment floor height with the touch of a button (optional) to further improve driver ergonomics

TRANSITIONAL LIFT CONTROL provides shockfree lifting and lowering, allowing operators to maintain maximum load-handling speeds

#### THE CONTINUOUS 360-DEGREE STEERING\*

wheel movement without end positions, enables smooth and fast maneuvering with a change of direction. The steering unit with palm support offers enhanced touch sensitivity and feel

\*Optional

## TOYOTA MOVES WITH YOU



#### **A NAME YOU CAN TRUST**

Our material handling equipment carries something no others can: The Toyota name. As one of the most recognized and respected global brands, the Toyota name is synonymous with quality, durability, and value. It also provides a peace of mind that few companies of any kind can match.

Every Toyota Forklift is built using the world-renowned Toyota Production System (TPS), which features Just-in-Time parts delivery and quality checks at every step of the manufacturing process.

It's all part of the Toyota philosophy of "kaizen," the dedication to continuous improvement. Instituted by our founder more than 80 years ago, it's a principle that still guides us today. As long as our forklifts carry the Toyota name, we'll continue striving to improve processes and quality.

#### THE TOYOTA 360 SUPPORT PROMISE

In addition to moving more pallets more quickly through your facility, you can count on Toyota's dedication to quality and world-renown manufacturing methods to deliver unprecedented uptime and lower maintenance costs. Toyota 360 Support comes standard with every Toyota Reach Truck, meaning you benefit from an industry-leading two-year parts warranty, the support of over 65 dealerships, 3500+ Toyota Certified Technicians, and guaranteed 4-hour emergency response time.

65<sup>+</sup>



4-HOUR **GUARANTEED** EMERGENCY RESPONSE TIME



#### STANDARD EOUIPMENT

#### PERFORMANCE

- 48 Volt Electrical System
- AC Powered Drive System
- AC Hydraulic System
- Variable Speed Lift and Lowering
- Electric Power Steering

- Current controlled proportional valve
- Lowering flow limiter
- Lift system relief valve
- Optimized Cornering Control
- Optimized Reach Control
- Interactive Digital Display Panel
- Multifunctional Hour Meter
- Time & Date Display
- Programmable Travel and Acceleration Speeds
- Lift/Lower Speeds

Proportional plugging

• Transitional Lift Control

(31 in. Wide)

- Fault Code Memory

#### **OPERABILITY**

- Selectable 360-degree or 180-degree **Electronic Power Steering**
- Wide-View 3-Stage Mast (FSV)
- View-through Carriage
- 35.4 in. to 51.2 in. Base Leg Openings (ID)
- Polyurethane Drive Tire (11.8 in. dia. x 4.2 in.)
- Polyurethane Load Wheels (13.8 in. x 5.5 in.)
- Regenerative Braking
- 39.4 in. Load Backrest Extension
- Steering Direction Indicator

• ITA Class II Hook-Type Carriage

• Forks: 1.57 in. x 4 in. x 45.28 in.

#### ERGONOMICS

- Automatic Tilting Operator Compartment<sup>4</sup>
- Seated Operator Compartment
- Manually Adjustable Height Floor
- Adjustable Armrest with Fingertip Controls
- High Visibility Overhead Guard
- Adjustable Steering Wheel

#### SERVICEABILITY

- Battery Extraction by Mast
- Euro-style Battery Connector
- Battery Discharge Indicator w/ Lift Interrupt
- Self Diagnostics
- Built-In Analyzer

- Over Temperature Indicator w/ Protection - On Drive & Lift Motor
- Electric Disc Brake
- Emergency Power Shut-Down
- Electric Horn
- Operator PIN Code Access
- Enclosed Battery Compartment:
  - 10.8 in. x 47.7 in. x 30.9 in.1
  - 13.7 in. x 47.7 in. x 30.9 in.<sup>2</sup>
  - 16.5 in. x 47.7 in. x 30.9 in.
  - 19.3 in. x 47.7 in. x 30.9 in.3

- Available on RRE140.160HE, RRE140.160HEC models only. Available on RRE140.160.180.200HE, RRE140.160.180.200HEC models only. Available on RRE160.180.200.250HE, RRE160.180.200.250HEC models only. З
- Available on RRE140.160.180.200.250HE/HEC/HECC models only

#### **OPTIONS AVAILABILITY CHART**

LOAD	HANDLING

<ul> <li>LOAD HANDLING</li> <li>Various Optional Fork Lengths</li> <li>Remove Forks</li> <li>Various Load Backrest Extensions</li> <li>Fork Carriage with Sideshifting Fork Positioner</li> </ul>	<ul> <li>Fork Carriage prep for Attachment</li> <li>Integral Sideshifting Fork Positioner with Postion Past Centerline</li> <li>Optional Fork Tilt, 0.5° Fwd / 4° Back</li> </ul>	<ul> <li>Optional Fork Tilt, 1° Fwd / 4° Back</li> <li>Various hosing and hose reel options</li> </ul>
OPERATOR COMPARTMENT <ul> <li>Standard Operator Compartment</li> </ul>	<ul> <li>Cold Storage Conditioning for Operator Compartment</li> </ul>	• Automatic Tilting Operator Compartment
<b>BATTERY COMPARTMENT</b> • Various Battery Compartment Options	• Various Battery Changing Equipment	• Protection for Battery Cable Arm
BODY • Steel Mesh Mast Guard	• Steel Mesh Overhead Guard Cover	• Steel Mesh Overhead Guard Cover
LIGHTS, INDICATORS, & MISCELLANEOUS • Various LED Work Lights • Amber Strobe Light • Blue LED Spot Lights • Red LED Spot Lights • Height Indicator • Load Information Display	<ul> <li>Fork-mounted Camera System</li> <li>Mast-mounted Camera System</li> <li>Rear View Mirror</li> <li>Turn Signal Lights</li> <li>Bluetooth Speakers</li> <li>Horizontal Accessory Bar</li> </ul>	<ul> <li>Various Power Supply Options</li> <li>Small Item Holder, Single</li> <li>Small Item Holder, Double</li> <li>Scanner Holder</li> <li>Programmable Travel Alarm</li> <li>Drive Motor Cooling Fans for High-Temp</li> </ul>

Computer Keyboard

• Transparent Clipboard

Stabilizer Blocks

ammable Travel Alarm • Drive Motor Cooling Fans for High-Temp Applications • Mounting Bracket for Inventory • Spring-loaded, Adhesive-backed • Mounting Bracket for Inventory Computer Paper Clip

• Without Stabilizer Blocks

#### PERFORMANCE

- High Performance Travel Speed
- High Performance Lift Speed

Overload Warning System

• Fork Position Laser

• Auto Height Select

• Lift Limit with Override

#### WHEELS AND TIRES

<ul> <li>Various Baseleg Dimensions</li> </ul>	<ul> <li>Various Load Wheel Sizes</li> </ul>	<ul> <li>Load Wheel Protective Caps</li> </ul>	
<b>COMFORT &amp; OPERABILITY</b> • Multifunction Control Handle • 360-degree or 180-degree Steering • Various Seat and Heated Seat Options • Adjustable Arm Rest	<ul> <li>Hip Side Bolster</li> <li>Electric Power Floor Height Adjustment</li> <li>Transparent Overhead Guard</li> <li>Automatic Tilt Centering</li> </ul>	• Automatic Sideshift Centering • Integral Side Shifter (3 in. each way)	

#### MAIN VEHICLE SPECIFICATIONS

						MODEL	NUMBERS				
GENERAL DATA					RRE140H			RRE1	60H		
oad Capacity <sup>1</sup>			lb (kg)		3000 (1400)			3500 (	1600)		
Load Center			in (mm)		24 (600)			24 (6	,		
Battery Compartment	Size		. ,	10.8	13.7	16.5	10.8	13.7	16.5	19.3	
Power Type					Battery			Batt	ery		
Operator Position					Rider Seated			Rider S			
					RRE140H			RRE1	60H		
EXTERIOR DIMENSIO	ONS			BATTE	ERY COMPARTME	NT SIZE	В	ATTERY COMP		ZE	
				10.8"	13.7"	16.5"	10.8"	13.7"	16.5"	19.3"	
A Fork Lowered H	eiaht		in (mm)		2.2 (55)			2,2 (			
B Maximum Fork	-		in (mm)		433.1 (11000)			433.1 (1	/		
C Free Lift	noight (minn)		in (mm)		129.1 (3279)			129.1 (3			
D Tilt Range		Fwd/E			2/4			2/-			
E Mast Lowered H	Joight1	T WU/L	in (mm)		166.2 (4221)			166.2 (			
F Mast Extended	-		in (mm)		472.4 (12000)			472.4 (1	,		
G Overhead Guard	-		in (mm)		86.5 (2198)			86.5 (2			
	-		in (mm)								
0	eigin				39.4 (1000)			39.4 (1			
I Seat Height	- Delley Heiskt		in (mm)		44.7 (1136)			44.7 (1			
J Optional Batter	y Roller Height		in (mm)		11.5 (293)			11.5 (2			
K Wheelbase			in (mm)		51.6 (1311)			54.9 (1	,		
	e (center of wheelbase)	) No Lo	. ,		2.9 (74)			2.9 (			
	ength to fork face)		in (mm)	49.7 (1263)	52.6 (1335)	55.7 (1416)	49.7 (1263)	52.6 (1335)	. ,	58.6 (1488	
	ength to tip of forks, retra		in (mm)	95 (2413)	97.8 (2485)	101 (2566)	95 (2413)	97.8 (2485)	101 (2566)	104.2 (264)	
O Fork Size		T×W	. ,		4 x 45.28 (40 x 100	,	1.5	57 x 4 x 45.28 (		50)	
P Fork Adjustmen		Min./N	Max. in (mm)	9	9.9 / 27.5 (252 / 69	8)		9.9 / 27.5 (2	252/698)		
Q Base Leg Inside	e Dimension (ID)		in (mm)	3	5.4 - 43.3 (900 - 110	00)		35.4 - 43.3 (	900 - 1100)		
R Base Leg Outsid	de Dimension (OD)		in (mm)	50	).0 - 57.9 (1270 - 14	70)		50.0 - 57.9 (1	270 - 1470)		
S Truck Mast Ove	rall Width		in (mm)		28.2 (716)			28.2 (	716)		
T Overall Truck W	idth		in (mm)	50	).0 - 57.9 (1270 - 14	70)		50.0 - 57.9 (1	270 - 1470)		
U Outside Turning	Radius		in (mm)		61.9 (1573)			65.2 (1	1657)		
Reach Stroke			in (mm)		19.9 (506)			23.2 (	590)		
	le Stacking Aisle Width	1			Contact Dealer			Contact	,		
	,				RRE140H			RRE1			
PERFORMANCE DAT	٨			DATT				ATTERY COMP		75	
	<b>^</b>			10.8"	13.7"	16.5"	10.8"	13.7"	16.5"	19.3"	
		Evel Land	and the second s	10.0		10.0	10.0			19.5	
	Travel	Full Load	mph (km/h)		6.4 (10.3)			6.2 (			
		No Load	mph (km/h)		6.8 (11)			6.8			
	Lifting	Full Load	fpm (mm/sec)		74.8 (380)			74.8 (			
Speeds (Maximum)		No Load	fpm (mm/sec)		133.9 (680)			133.9 (			
	Lowering	Full Load	fpm (mm/sec)		108.3 (550)			108.3 (			
	_	No Load	fpm (mm/sec)		116.1 (590)			116.1 (5			
	Reach / Retract	Full Load	Sec		2.9			3.0			
	· · ·	No Load	sec		1.8			2.			
Gradeability		Full Load	%		10			10			
,		No Load	%		15			15	5		
					RRE140H			RRE1	60H		
TRUCK WEIGHTS				BATTE	ERY COMPARTMEN	NT SIZE	B	ATTERY COMP	ARTMENT SI	ZE	
				10.8"	13.7"	16.5"	10.8"	13.7"	16.5"	19.3"	
Fotal Weight	Without Battery		lb (kg)		5965 (2705)			5982 (	2713)		
	,,				RRE140H			RRE1			
TIRES				DATT				ATTERY COMP		75	
				10.8"	13.7"	16.5"	10.8"	13.7"	16.5"	19.3"	
	Tire Type	Drive/Load			Cushion			Cush			
	M/heele (v = driver)				1x/2			1x/			
ires	Wheels (x = driven)	Drive/Load						12 5 4 5 5 (2	343 x 140)		
Tires		Drive/Load	in (mm)	1	3.5 x 5.5 (343 x 14	0)			11.8 x 4.2 (300 x 106)		
lires .	Size (dia. X width)		in (mm) in (mm)						300 x 106)		
		Drive			3.5 x 5.5 (343 x 14				,		
		Drive			3.5 x 5.5 (343 x 14) 11.8 x 4.2 (300 x 10)			11.8 x 4.2 (3	c Disc		
Brake Type		Drive			3.5 x 5.5 (343 x 14) 11.8 x 4.2 (300 x 10) Electric Disc	5)	<u></u>	11.8 x 4.2 (3 Electric	c Disc 60H	ZE	
Irake Type		Drive		BATTE	13.5 x 5.5 (343 x 14 11.8 x 4.2 (300 x 10 Electric Disc RRE140H ERY COMPARTMEN	S) NT SIZE		11.8 x 4.2 (3 Electric RRE10 ATTERY COMP	C Disc GOH ARTMENT SI		
Brake Type POWER SYSTEM		Drive			3.5 x 5.5 (343 x 14) 11.8 x 4.2 (300 x 10) Electric Disc RRE140H ERY COMPARTMEN 13.7"	5)	B/ 10.8"	11.8 × 4.2 (3 Electric RRE10 ATTERY COMP 13.7"	C Disc 60H ARTMENT SI 16.5"	ZE 19.3"	
Brake Type POWER SYSTEM		Drive Load	in (mm)	BATTE 10.8"	3.5 x 5.5 (343 x 14) 11.8 x 4.2 (300 x 10) Electric Disc RRE140H ERY COMPARTMEN 13.7" Lead Acid	5) NT SIZE 16.5"	10.8"	11.8 x 4.2 (3 Electric RRE10 ATTERY COMP 13.7" Lead	C Disc 60H ARTMENT SI 16.5" Acid	19.3"	
Brake Type POWER SYSTEM	Size (dia. X width)	Drive Load	in (mm) in (mm)	BATTE	3.5 x 5.5 (343 x 14) 11.8 x 4.2 (300 x 10) Electric Disc <b>RRE140H</b> ERY COMPARTMEN 13.7" Lead Acid 13.7 (347)	S) NT SIZE		11.8 × 4.2 (3 Electric RRE10 ATTERY COMP 13.7" Lead 13.7 (347)	C Disc 60H ARTMENT SI 16.5" Acid 16.5 (419)	19.3"	
arake Type POWER SYSTEM Battery Type		Drive Load	in (mm) in (mm) in (mm)	BATTE 10.8"	3.5 x 5.5 (343 x 14) 11.8 x 4.2 (300 x 10) Electric Disc RRE140H 13.7" Lead Acid 13.7 (347) 47.7 (1212)	5) NT SIZE 16.5"	10.8"	11.8 x 4.2 (3 Electric RRE1 ATTERY COMP 13.7" Lead 13.7 (347) 47.7 (1	C Disc 60H ARTMENT SI 16.5" Acid 16.5 (419) (212)	19.3"	
Brake Type POWER SYSTEM Battery Type Battery	Size (dia. X width) Battery Dimensions	Drive Load	in (mm) in (mm) in (mm) in (mm)	BATTI 10.8" 10.8 (275)	3.5 x 5.5 (343 x 14) 11.8 x 4.2 (300 x 10) Electric Disc RRE140H 13.7" Lead Acid 13.7 (347) 47.7 (1212) 30.9 (784)	3) <b>NT SIZE</b> 16.5" 16.5 (419)	<b>10.8</b> " 10.8 (275)	11.8 x 4.2 (3 Electric RRE1 ATTERY COMP, 13.7" Lead 13.7 (347) 47.7 (1 30.9 (	C Disc 60H ARTMENT SI 16.5" Acid 16.5 (419) 212) 784)	<b>19.3"</b> 19.3 (491)	
Brake Type POWER SYSTEM Battery Type Battery	Size (dia. X width)	Length Width Height Maximum	in (mm) in (mm) in (mm) in (mm) V / Ah	BATTI 10.8" 10.8 (275) 48 / 465	3.5 x 5.5 (343 x 14) 11.8 x 4.2 (300 x 10) Electric Disc <b>RRE140H</b> <b>COMPARTMEN</b> <b>13.7"</b> Lead Acid 13.7 (347) 47.7 (1212) 30.9 (784) 48 / 620	3) <b>NT SIZE</b> 16.5" 16.5 (419) 48 / 775	<b>10.8</b> " 10.8 (275) 48 / 465	11.8 x 4.2 (3 Electric RRE1 ATTERY COMP 13.7" Lead 13.7 (347) 47.7 (1 30.9 ( 48 / 620	2 Disc 60H ARTMENT SI 16.5" Acid 16.5 (419) 212) 784) 48 / 775	<b>19.3</b> " 19.3 (491) 48 / 930	
Brake Type POWER SYSTEM Battery Type Battery	Size (dia. X width) Battery Dimensions	Length Width Height Maximum	in (mm) in (mm) in (mm) in (mm) V / Ah Ib (kg)	BATTE 10.8" 10.8 (275) 48 / 465 1510 (685)	3.5 x 5.5 (343 x 14) 11.8 x 4.2 (300 x 100 Electric Disc <b>RRE140H</b> <b>ERY COMPARTMEN</b> <b>13.7"</b> Lead Acid 13.7 (347) 47.7 (1212) 30.9 (784) 48 / 620 1929 (875)	3) NT SIZE 16.5" 16.5 (419) 48 / 775 2326 (1055)	<b>10.8</b> " 10.8 (275) 48 / 465 1510 (685)	11.8 x 4.2 (3 Electric RRE1 ATTERY COMP 13.7" Lead 13.7 (347) 47.7 (1 30.9 ( 48 / 620 1929 (875)	2 Disc 60H ARTMENT SI 16.5" Acid 16.5 (419) 212) 784) 48 / 775 2326 (1055)	<b>19.3</b> " 19.3 (491) 48 / 930 2756 (1250	
Brake Type POWER SYSTEM Battery Type Battery	Size (dia. X width) Battery Dimensions Voltage/ Capacity Weight	Drive Load	in (mm) in (mm) in (mm) in (mm) V / Ah lb (kg) lb (kg)	BATTI 10.8" 10.8 (275) 48 / 465	3.5 x 5.5 (343 x 14) 11.8 x 4.2 (300 x 10) Electric Disc <b>RRE140H</b> <b>ERY COMPARTMEN</b> <b>13.7"</b> Lead Acid 13.7 (347) 47.7 (1212) 30.9 (784) 48 / 620 1929 (875) 2271 (1030)	3) <b>NT SIZE</b> 16.5" 16.5 (419) 48 / 775	<b>10.8</b> " 10.8 (275) 48 / 465	11.8 x 4.2 (3 Electric RRE1 ATTERY COMP 13.7" Lead 13.7 (347) 47.7 (1 30.9 ( 48 / 620 1929 (875) 2271 (1030)	C Disc 60H ARTMENT SI 16.5" Acid 16.5 (419) 212) 784) 48 / 775 2326 (1055) 2723 (1235)	<b>19.3</b> " 19.3 (491) 48 / 930 2756 (1250	
Brake Type POWER SYSTEM Battery Type Battery 6-hour ratings) <sup>2</sup>	Size (dia. X width) Battery Dimensions Voltage/ Capacity Weight Drive	Length Width Height Maximum	in (mm) in (mm) in (mm) in (mm) V / Ah Ib (kg) Ib (kg) hp (kw)	BATTE 10.8" 10.8 (275) 48 / 465 1510 (685)	3.5 x 5.5 (343 x 14) 11.8 x 4.2 (300 x 10) Electric Disc <b>RE140H</b> <b>ERY COMPARTMEN</b> <b>13.7"</b> Lead Acid 13.7 (347) 47.7 (1212) 30.9 (784) 48 / 620 1929 (875) 2271 (1030) 12.1 (9)	3) NT SIZE 16.5" 16.5 (419) 48 / 775 2326 (1055)	<b>10.8</b> " 10.8 (275) 48 / 465 1510 (685)	11.8 x 4.2 (3 Electric RRE1 ATTERY COMP 13.7" Lead 13.7 (347) 47.7 (1 30.9 ( 48 / 620 1929 (875) 2271 (1030) 12.1	C Disc 60H ARTMENT SI 16.5 (419) 212) 784) 48 / 775 2326 (1055) 2723 (1235) (9)	<b>19.3"</b> 19.3 (491) 48 / 930 2756 (1250	
Brake Type POWER SYSTEM Battery Type Battery G-hour ratings) <sup>2</sup>	Size (dia. X width) Battery Dimensions Voltage/ Capacity Weight Drive Load Handling	Length Width Height Maximum	in (mm) in (mm) in (mm) in (mm) V / Ah lb (kg) lb (kg)	BATTE 10.8" 10.8 (275) 48 / 465 1510 (685)	3.5 x 5.5 (343 x 14) 11.8 x 4.2 (300 x 10) Electric Disc RRE140H 13.7" Lead Acid 13.7 (347) 47.7 (1212) 30.9 (784) 48 / 620 1929 (875) 2271 (1030) 12.1 (9) 14.8 (11)	3) NT SIZE 16.5" 16.5 (419) 48 / 775 2326 (1055)	<b>10.8</b> " 10.8 (275) 48 / 465 1510 (685)	11.8 x 4.2 (3 Electric RRE1 ATTERY COMP 13.7" Lead 13.7 (347) 47.7 (1 30.9 ( 48 / 620 1929 (875) 2271 (1030) 12.1 14.8	C Disc 60H ARTMENT SI 16.5 (419) 212) 784) 48 / 775 2326 (1055) 2723 (1235) (9) (11)	<b>19.3"</b> 19.3 (491) 48 / 930 2756 (1250	
Brake Type POWER SYSTEM Battery Type Battery (6-hour ratings) <sup>2</sup>	Size (dia. X width) Battery Dimensions Voltage/ Capacity Weight Drive Load Handling Drive	Length Width Height Maximum	in (mm) in (mm) in (mm) in (mm) V / Ah Ib (kg) Ib (kg) hp (kw)	BATTE 10.8" 10.8 (275) 48 / 465 1510 (685)	3.5 x 5.5 (343 x 14) 11.8 x 4.2 (300 x 10) Electric Disc <b>RRE140H</b> <b>ERY COMPARTMEN</b> <b>13.7"</b> Lead Acid 13.7 (347) 47.7 (1212) 30.9 (784) 48 / 620 1929 (875) 2271 (1030) 12.1 (9) 14.8 (11) AC	3) NT SIZE 16.5" 16.5 (419) 48 / 775 2326 (1055)	<b>10.8</b> " 10.8 (275) 48 / 465 1510 (685)	11.8 × 4.2 (3 Electric <b>RRE1</b> ATTERY COMP 13.7" Lead 13.7 (347) 13.7 (347) 47.7 (1 30.9 ( 48 / 620 1929 (875) 2271 (1030) 12.1 14.8 A	C Disc C Disc	<b>19.3"</b> 19.3 (491) 48 / 930 2756 (1250	
Tires Brake Type POWER SYSTEM Battery Type Battery (6-hour ratings) <sup>2</sup> Electric Motors Control Type	Size (dia. X width) Battery Dimensions Voltage/ Capacity Weight Drive Load Handling	Length Width Height Maximum	in (mm) in (mm) in (mm) in (mm) V / Ah Ib (kg) Ib (kg) hp (kw)	BATTE 10.8" 10.8 (275) 48 / 465 1510 (685)	3.5 x 5.5 (343 x 14) 11.8 x 4.2 (300 x 10) Electric Disc RRE140H 13.7" Lead Acid 13.7 (347) 47.7 (1212) 30.9 (784) 48 / 620 1929 (875) 2271 (1030) 12.1 (9) 14.8 (11)	3) NT SIZE 16.5" 16.5 (419) 48 / 775 2326 (1055)	<b>10.8</b> " 10.8 (275) 48 / 465 1510 (685)	11.8 x 4.2 (3 Electric RRE1 ATTERY COMP 13.7" Lead 13.7 (347) 47.7 (1 30.9 ( 48 / 620 1929 (875) 2271 (1030) 12.1 14.8	C Disc C Disc	<b>19.3"</b> 19.3 (491) 48 / 930 2756 (1250)	

Please contact your local Toyota dealer for more information regarding specifications.
 Battery case must match dimensions and designated case design for proper battery retention

MODEL NUMBERS

							UMBERS		
GENERAL DATA					RRE180H			RRE200H	
.oad Capacity <sup>1</sup>			lb (kg)		3900 (1800)			4400 (2000)	
.oad Center			in (mm)		24 (600)			24 (600)	
Battery Compartment	t Size			13.7	16.5	19.3	13.7	16.5	19.3
Power Type	0120			10.7	Battery	10.0	10.7	Battery	10.0
perator Position					Rider Seated			Rider Seated	
					RRE180H			RRE200H	
XTERIOR DIMENSI	ONS			BATTE	RY COMPARTMEN	TSIZE	BATTE	RY COMPARTMEN	IT SIZE
				13.7"	16.5"	19.3"	13.7"	16.5"	19.3"
A Fork Lowered H	leight		in (mm)		2.2 (55)			2.2 (55)	
B Maximum Fork	-		in (mm)		511.8 (13000)			511.8 (13000)	
C Free Lift			in (mm)		157.1 (3991)			157.1 (3991)	
D Tilt Range		Fwd			2/4			2/4	
E Mast Lowered I	Height <sup>1</sup>		in (mm)		195.4 (4963)			195.4 (4963)	
F Mast Extended	-		in (mm)		551.3 (14003)			551.3 (14003)	
G Overhead Guar			in (mm)		89 (2261)			89 (2261)	
H Fork Carriage H	-		in (mm)		39.4 (1000)			39.4 (1000)	
I Seat Height	5		in (mm)		47.2 (1198)			47.2 (1198)	
J Optional Batter	ry Roller Height		in (mm)		14 (356)			14 (356)	
K Wheelbase			in (mm)		57.3 (1455)			59.6 (1515)	
L Underclearance	e (center of wheelbase)	No L			2.9 (74)			2.9 (74)	
	ength to fork face)		in (mm)	54.2 (1377)	57 (1449)	59.9 (1521)	54.2 (1377)	57 (1449)	59.9 (1521)
N Truck Length (L	ength to tip of forks, retra	cted)	in (mm)	99.5 (2527)	102.3 (2599)	105.2 (2671)	102 (2590)	104.8 (2662)	107.6 (2734
O Fork Size		TxV			1 x 45.28 (40 x 100 x	x 1150)		4 x 45.28 (40 x 100	
P Fork Adjustmer	nt	Min.,	/Max. in (mm)		).7 / 28.3 (272 / 718			0.7 / 28.3 (272 / 718	
	e Dimension (ID)		in (mm)		5.4 - 51.2 (900 - 130			5.4 - 51.2 (900 - 130	
R Base Leg Outsi	ide Dimension (OD)		in (mm)	50	.0 - 65.7 (1270 - 167	70)		0.0 - 65.7 (1270 - 16	
S Truck Mast Ove	erall Width		in (mm)		30 (761)			30 (761)	
T Overall Truck W	/idth		in (mm)	50.0 - 65.7 (1270 - 1670)			50	).0 - 65.7 (1270 - 16	70)
U Outside Turning	g Radius		in (mm)		67.6 (1717)			72.4 (1840)	
Reach Stroke			in (mm)		23.4 (594)			25.7 (654)	
Basic Right Ang	gle Stacking Aisle Width <sup>1</sup>				Contact Dealer			Contact Dealer	
					RRE180H			RRE200H	
PERFORMANCE DAT	A			BATTE	RY COMPARTMEN	T SIZE	BATTE	RY COMPARTMEN	IT SIZE
				13.7"	16.5"	19.3"	13.7"	16.5"	19.3"
		Full Load	mph (km/h)		6.8 (11)			6.8 (11)	
	Travel	No Load	mph (km/h)		6.8 (11)			6.8 (11)	
		Full Load	fpm (mm/sec)		90.6 (460)			84.6 (430)	
	Lifting	No Load	fpm (mm/sec)		133.9 (680)			133.9 (680)	
Speeds (Maximum)	1	Full Load	fpm (mm/sec)		108.3 (550)			108.3 (550)	
	Lowering	No Load	fpm (mm/sec)		118.1 (600)			118.1 (600)	
	Reach / Retract	Full Load	Sec		2.97			3.27	
	headiny heliadi	No Load	sec		2.12			2.34	
Gradeability		Full Load	%		10			10	
Siddeability		No Load	%		15			15	
					RRE180H			RRE200H	
RUCK WEIGHTS				BATTE	RY COMPARTMEN	T SIZE	BATTE	RY COMPARTMEN	IT SIZE
				13.7"	16.5"	19.3"	13.7"	16.5"	19.3"
īotal Weight	Without Battery		lb (kg)		6688 (3033)			7091 (3216)	
					RRE180H			RRE200H	
TIRES				BATTE	RY COMPARTMEN	T SIZE	BATTE	RY COMPARTMEN	IT SIZE
							13.7"	16.5"	19.3"
				13.7"	16.5"	19.8			
	Tire Type	Drive/Loa	d	13.7"		19.3"		Cushion	
_	Tire Type Wheels (x = driven)	Drive/Loa Drive/Loa		13.7"	Cushion	19.3"		Cushion 1x/2	
īres	Wheels (x = driven)	Drive/Loa	d		Cushion 1x/2			1x/2	))
īres		Drive/Loa Drive	d in (mm)	1	Cushion 1x/2 4.2 x 6.3 (360 x 160	))	1	1x/2 4.2 x 6.3 (360 x 160	
	Wheels (x = driven)	Drive/Loa	d	1	Cushion 1x/2 4.2 x 6.3 (360 x 160 3.8 x 4.2 (350 x 106	))	1	1x/2 4.2 x 6.3 (360 x 160 3.8 x 4.2 (350 x 106	
	Wheels (x = driven)	Drive/Loa Drive	d in (mm)	1	Cushion 1x/2 4.2 x 6.3 (360 x 160 3.8 x 4.2 (350 x 106 Electric Disc	))	1	1x/2 4.2 x 6.3 (360 x 160 3.8 x 4.2 (350 x 106 Electric Disc	
Вгаке Туре	Wheels (x = driven)	Drive/Loa Drive	d in (mm)	1	Cushion 1x/2 4.2 x 6.3 (360 x 160 3.8 x 4.2 (350 x 106 Electric Disc <b>RRE180H</b>	))	1	1x/2 4.2 x 6.3 (360 x 160 3.8 x 4.2 (350 x 100 Electric Disc RRE200H	5)
Вгаке Туре	Wheels (x = driven)	Drive/Loa Drive	d in (mm)	1 1 BATTE	Cushion 1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc RRE180H RY COMPARTMEN	)) ;) T SIZE	1 1 BATTE	1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 100 Electric Disc RRE200H ERY COMPARTMEN	) IT SIZE
Brake Type POWER SYSTEM	Wheels (x = driven)	Drive/Loa Drive	d in (mm)	1	Cushion 1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc RRE180H RY COMPARTMEN 16.5"	))	1	1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc RRE200H RRY COMPARTMEN 16.5"	5)
Brake Type POWER SYSTEM	Wheels (x = driven)	Drive/Loa Drive Load	d in (mm) in (mm)	1 1 BATTE 13.7"	Cushion 1x/2 4.2 x 6.3 (360 x 160 3.8 x 4.2 (350 x 106 Electric Disc RRE180H RY COMPARTMEN 16.5" Lead Acid	)) ;) T SIZE 19.3"	1 1 BATTE 13.7"	1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc RRE200H RRE200H RRE200H RRE200H RE200H RE200H RE200H RE200H RE200H RE200H RE200H RE200H	5) IT SIZE 19.3"
Brake Type POWER SYSTEM	Wheels (x = driven) Size (dia. X width)	Drive/Loa Drive Load	d in (mm) in (mm) in (mm)	1 1 BATTE	Cushion 1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc <b>RRE180H</b> <b>RY COMPARTMEN</b> 16.5" Lead Acid 16.5 (419)	)) ;) T SIZE	1 1 BATTE	1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc <b>RRE200H</b> <b>RY COMPARTMEN</b> <b>16.5</b> " Lead Acid 16.5 (419)	) IT SIZE
Brake Type POWER SYSTEM Battery Type	Wheels (x = driven)	Drive/Loa Drive Load	d in (mm) in (mm) in (mm) in (mm)	1 1 BATTE 13.7"	Cushion 1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc <b>RRE180H</b> <b>RY COMPARTMEN</b> <b>16.5"</b> Lead Acid 16.5 (419) 47.7 (1212)	)) ;) T SIZE 19.3"	1 1 BATTE 13.7"	1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc RE200H RE200H 16.5" Lead Acid 16.5 (419) 47.7 (1212)	5) IT SIZE 19.3"
Brake Type POWER SYSTEM Battery Type Battery	Wheels (x = driven) Size (dia. X width) Battery Dimensions	Drive/Loa Drive Load Length Width Height	d in (mm) in (mm) in (mm) in (mm) in (mm)	1 1 13.7" 13.7 (347)	Cushion 1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc RE180H RCMPARTMEN 16.5" Lead Acid 16.5 (419) 47.7 (1212) 30.9 (784)	)) ;) <b>T SIZE</b> <b>19.3</b> " 19.3 (491)	1 1 13.7" 13.7 (347)	1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc <b>RRE200H</b> <b>16.5''</b> Lead Acid 16.5 (419) 47.7 (1212) 30.9 (784)	3) IT SIZE 19.3" 19.3 (491)
Brake Type POWER SYSTEM Battery Type Battery	Wheels (x = driven) Size (dia. X width)	Drive/Loa Drive Load Length Width Height Maximum	d in (mm) in (mm) in (mm) in (mm) in (mm) V / Ah	1 BATTE 13.7" 13.7 (347) 48 / 620	Cushion 1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc RRE180H RY COMPARTMEN 16.5" Lead Acid 16.5 (419) 47.7 (1212) 30.9 (784) 48 / 775	)) ;) <b>T SIZE</b> <b>19.3"</b> 19.3 (491) 48 / 930	1 1 13.7" 13.7 (347) 48 / 620	1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc <b>RRE200H</b> (COMPARTMEN 16.5" Lead Acid 16.5 (419) 47.7 (1212) 30.9 (784) 48 / 775	3) IT SIZE 19.3" 19.3 (491) 48 / 930
Brake Type POWER SYSTEM Battery Type Battery	Wheels (x = driven) Size (dia. X width) Battery Dimensions	Drive/Loa Drive Load Length Width Height Maximum Minimum	d in (mm) in (mm) in (mm) in (mm) in (mm) V / Ah lb (kg)	1 BATTE 13.7" 13.7 (347) 48 / 620 1929 (875)	Cushion 1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc RRE180H RY COMPARTMEN 16.5" Lead Acid 16.5 (419) 47.7 (1212) 30.9 (784) 48 / 775 2326 (1055)	)) ;) <b>T SIZE</b> <b>19.3</b> " 19.3 (491) 48 / 930 2756 (1250)	1 1 13.7" 13.7 (347) 48 / 620 1929 (875)	1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc <b>RRE200H</b> <b>COMPARTMEN</b> <b>16.5"</b> Lead Acid 16.5 (419) 47.7 (1212) 30.9 (784) 48 / 775 2326 (1055)	5) IT SIZE 19.3" 19.3 (491) 48 / 930 2756 (1250
Brake Type POWER SYSTEM Battery Type Battery	Wheels (x = driven) Size (dia. X width) Battery Dimensions Voltage/ Capacity Weight	Drive/Loa Drive Load Length Width Height Maximum	d in (mm) in (mm) in (mm) in (mm) in (mm) V / Ah lb (kg) lb (kg)	1 1 13.7" 13.7 (347) 48 / 620	Cushion 1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc <b>RRE180H</b> <b>RY COMPARTMEN</b> 16.5" Lead Acid 16.5 (419) 47.7 (1212) 30.9 (784) 48 / 775 2326 (1055) 2723 (1235)	)) ;) <b>T SIZE</b> <b>19.3"</b> 19.3 (491) 48 / 930	1 1 13.7" 13.7 (347) 48 / 620	1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc <b>RRE200H</b> <b>RY COMPARTMEN</b> <b>16.5"</b> Lead Acid 16.5 (419) 47.7 (1212) 30.9 (784) 48 / 775 2326 (1055) 2723 (1235)	5) IT SIZE 19.3" 19.3 (491) 48 / 930 2756 (1250
Brake Type POWER SYSTEM Battery Type Battery 6-hour ratings) <sup>2</sup>	Wheels (x = driven) Size (dia. X width) Battery Dimensions Voltage/ Capacity Weight Drive	Drive/Loa Drive Load Length Width Height Maximum Minimum	d in (mm) in (mm) in (mm) in (mm) in (mm) V / Ah lb (kg) lb (kg) hp (kw)	1 BATTE 13.7" 13.7 (347) 48 / 620 1929 (875)	Cushion 1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc <b>RRE180H</b> <b>RY COMPARTMEN</b> 16.5 (419) 47.7 (1212) 30.9 (784) 48 / 775 2326 (1055) 2723 (1235) 14.1 (10.5)	)) ;) <b>T SIZE</b> <b>19.3</b> " 19.3 (491) 48 / 930 2756 (1250)	1 1 13.7" 13.7 (347) 48 / 620 1929 (875)	1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 100 Electric Disc <b>RRE200H</b> 16.5 (419) 47.7 (1212) 30.9 (784) 48 / 775 2326 (1055) 2723 (1235) 14.1 (10.5)	5) IT SIZE 19.3" 19.3 (491) 48 / 930 2756 (1250
Brake Type POWER SYSTEM Battery Type Battery 6-hour ratings) <sup>2</sup>	Wheels (x = driven) Size (dia. X width) Battery Dimensions Voltage/ Capacity Weight Drive Load Handling	Drive/Loa Drive Load Length Width Height Maximum Minimum	d in (mm) in (mm) in (mm) in (mm) in (mm) V / Ah lb (kg) lb (kg)	1 BATTE 13.7" 13.7 (347) 48 / 620 1929 (875)	Cushion 1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc <b>RRE180H</b> <b>RY COMPARTMEN</b> 16.5" Lead Acid 16.5 (419) 47.7 (1212) 30.9 (784) 48 / 775 2326 (1055) 2723 (1225) 14.1 (10.5)	)) ;) <b>T SIZE</b> <b>19.3</b> " 19.3 (491) 48 / 930 2756 (1250)	1 1 13.7" 13.7 (347) 48 / 620 1929 (875)	1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc RRE200H 16.5" Lead Acid 16.5 (419) 47.7 (1212) 30.9 (784) 48 / 775 2326 (1055) 2723 (1235) 14.1 (10.5) 20.1 (15)	5) IT SIZE 19.3" 19.3 (491)
Tires Brake Type POWER SYSTEM Battery Type Battery (G-hour ratings) <sup>2</sup> Electric Motors	Wheels (x = driven)         Size (dia. X width)         Size (dia. X width)         Battery Dimensions         Voltage/ Capacity         Weight         Drive         Load Handling         Drive	Drive/Loa Drive Load Length Width Height Maximum Minimum	d in (mm) in (mm) in (mm) in (mm) in (mm) V / Ah lb (kg) lb (kg) hp (kw)	1 BATTE 13.7" 13.7 (347) 48 / 620 1929 (875)	Cushion 1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc <b>RRE180H</b> <b>RY COMPARTMEN</b> 16.5" Lead Acid 16.5 (419) 47.7 (1212) 30.9 (784) 48 / 775 2326 (1055) 2723 (1235) 14.1 (10.5) 20.1 (15) AC	)) ;) <b>T SIZE</b> <b>19.3</b> " 19.3 (491) 48 / 930 2756 (1250)	1 1 13.7" 13.7 (347) 48 / 620 1929 (875)	1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc RRE200H 16.5" Lead Acid 16.5 (419) 47.7 (1212) 30.9 (784) 48 / 775 2326 (1055) 2723 (1235) 14.1 (10.5) 20.1 (15) AC	5) IT SIZE 19.3" 19.3 (491) 48 / 930 2756 (1250
Brake Type POWER SYSTEM Battery Type Battery (6-hour ratings) <sup>2</sup>	Wheels (x = driven) Size (dia. X width) Battery Dimensions Voltage/ Capacity Weight Drive Load Handling	Drive/Loa Drive Load Length Width Height Maximum Minimum	d in (mm) in (mm) in (mm) in (mm) in (mm) V / Ah lb (kg) lb (kg) hp (kw)	1 BATTE 13.7" 13.7 (347) 48 / 620 1929 (875)	Cushion 1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc <b>RRE180H</b> <b>RY COMPARTMEN</b> 16.5" Lead Acid 16.5 (419) 47.7 (1212) 30.9 (784) 48 / 775 2326 (1055) 2723 (1225) 14.1 (10.5)	)) ;) <b>T SIZE</b> <b>19.3</b> " 19.3 (491) 48 / 930 2756 (1250)	1 1 13.7" 13.7 (347) 48 / 620 1929 (875)	1x/2 4.2 × 6.3 (360 × 160 3.8 × 4.2 (350 × 106 Electric Disc RRE200H 16.5" Lead Acid 16.5 (419) 47.7 (1212) 30.9 (784) 48 / 775 2326 (1055) 2723 (1235) 14.1 (10.5) 20.1 (15)	5) IT SIZE 19.3" 19.3 (491) 48 / 930 2756 (1250

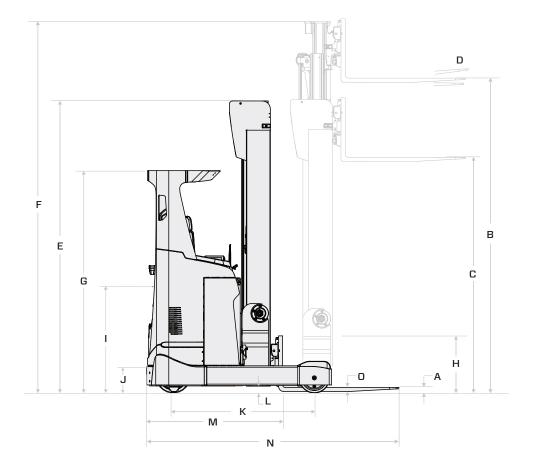
Please contact your local Toyota dealer for more information regarding specifications.
 Battery case must match dimensions and designated case design for proper battery retention

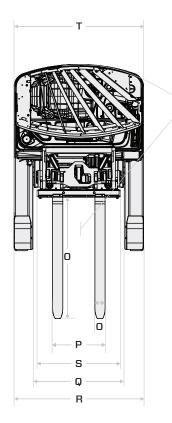
#### MAIN VEHICLE SPECIFICATIONS

			MODEL NUMBERS
ENERAL DATA			RRE250H
.oad Capacity <sup>1</sup>		lb (kg)	5500 (2500)
oad Center		in (mm)	24 (600)
attery Compartment	t Size		16.5 19.3
ower Type			Battery
perator Position			Rider Seated
XTERIOR DIMENSI	ONS		RRE250H BATTERY COMPARTMENT SIZE
			16.5" 19.3"
A Fork Lowered H	-	in (mm)	2.2 (55)
B Maximum Fork	Height (MFH) <sup>1</sup>	in (mm)	511.8 (13000)
C Free Lift		in (mm)	129.1 (3279)
D Tilt Range E Mast Lowered H	Lloight1	Fwd/Bwd deg	2/4
F Mast Extended		in (mm) in (mm)	
G Overhead Guard	-	in (mm)	89 (2261)
H Fork Carriage H	-	in (mm)	39.4 (1000)
I Seat Height		in (mm)	47.2 (1198)
J Optional Batter	ry Roller Height	in (mm)	14 (356)
K Wheelbase		in (mm)	62 (1575)
L Underclearance	e (center of wheelbase)	No Load in (mm)	2.9 (74)
	ength to fork face)	in (mm)	59.2 (1504) 62 (1576)
	ength to tip of forks, retra		104.5 (2654) 107.3 (2726)
O Fork Size		T x W x L in (mm)	1.57 x 4 x 45.28 (40 x 100 x 1150)
<ul> <li>Fork Adjustmer</li> </ul>		Min./Max. in (mm)	10.7 / 28.3 (272 / 718)
	e Dimension (ID)	in (mm)	35.4 - 51.2 (900 - 1300)
<ul> <li>Base Leg Outsin</li> <li>Truck Mast Ove</li> </ul>	ide Dimension (OD)	in (mm)	50.0 - 65.7 (1270 - 1670) 30 (761)
T Overall Truck W		in (mm) in (mm)	50.0 - 65.7 (1270 - 1670)
U Outside Turning		in (mm)	72.3 (1837)
Reach Stroke	9 1100103	in (mm)	24 (609)
	gle Stacking Aisle Width <sup>1</sup>		Contact Dealer
			RRE250H
ERFORMANCE DAT	A		BATTERY COMPARTMENT SIZE
			16.5" 19.3"
	Travel	Full Load mph (km/h)	6.8 (11)
	IIdvei	No Load mph (km/h)	6.8 (11)
	Lifting	Full Load fpm (mm/sec)	72.8 (370)
peeds (Maximum)		No Load fpm (mm/sec)	126 (640)
	Lowering	Full Load fpm (mm/sec)	104.3 (530)
		No Load fpm (mm/sec)	114.2 (580)
	Reach / Retract	Full Load sec No Load sec	3.05
		Full Load %	7
radeability		No Load %	12
			RE250H
RUCK WEIGHTS			BATTERY COMPARTMENT SIZE
			16.5" 19.3"
otal Weight	Without Battery	lb (kg)	8244 (3739)
			RRE250H
IRES			BATTERY COMPARTMENT SIZE
			16.5" 19.3"
	Tire Type	Drive/Load	Cushion
res	Wheels (x = driven)	Drive/Load	1x/2
	Size (dia. X width)	Drive in (mm)	14.2 x 6.3 (360 x 160)
		Load in (mm)	13.8 x 4.2 (350 x 106)
rake Type			Electric Disc
			RRE250H
OWER SYSTEM			BATTERY COMPARTMENT SIZE
			16.5" 19.3"
_			Lead Acid
attery Type		Length in (mm)	16.5 (419) 19.3 (491)
attery Type		Width in (mm)	47.7 (1212)
	Battery Dimensions	Linialat in (arms)	30.9 (784)
attery		Height in (mm)	49 / 775 49 / 990
attery	Battery Dimensions Voltage/ Capacity	Maximum V / Ah	48/775 48/930 2328 (1055) 2758 (1250)
attery		MaximumV / AhMinimumIb (kg)	2326 (1055) 2756 (1250)
attery 3-hour ratings)²	Voltage/ Capacity Weight	MaximumV / AhMinimumIb (kg)MaximumIb (kg)	2326 (1055)         2756 (1250)           2723 (1235)         3175 (1440)
attery 3-hour ratings)²	Voltage/ Capacity Weight Drive	Maximum     V / Ah       Minimum     lb (kg)       Maximum     lb (kg)       hp (kw)	2326 (1055)         2756 (1250)           2723 (1235)         3175 (1440)           14.1 (10.5)         14.1 (10.5)
attery 3-hour ratings)²	Voltage/ Capacity Weight Drive Load Handling	MaximumV / AhMinimumIb (kg)MaximumIb (kg)	2326 (1055)         2756 (1250)           2723 (1235)         3175 (1440)           14.1 (10.5)         20.1 (15)
Battery Type Battery 6-hour ratings) <sup>2</sup> Electric Motors Control Type	Voltage/ Capacity Weight Drive	Maximum     V / Ah       Minimum     lb (kg)       Maximum     lb (kg)       hp (kw)	2326 (1055)         2756 (1250)           2723 (1235)         3175 (1440)           14.1 (10.5)         14.1 (10.5)

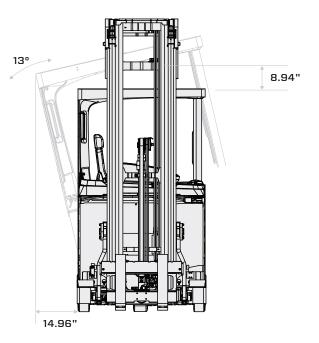
Please contact your local Toyota dealer for more information regarding specifications.
 Battery case must match dimensions and designated case design for proper battery retention

#### **EXTERIOR DIMENSIONS**





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#### MAST SPECIFICATIONS

		OVERA	L HEIGHT FREE LIFT		THERMOS	
	MAXIMUM		EXTENDED		TILT RANGE	
MAST TYPE	FORK HEIGHT (TOP OF FORKS)	LOWERED	WITH STANDARD LOAD BACKREST	WITH STANDARD LOAD BACKREST	FWD	BWD
	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg
RE140H						
	193 (4900)	86 (2187)	232 (5898)	49 (1245)	2	4
	213 (5400)	93 (2354)	252 (6399)	56 (1413)	2	4
	224 (5700)	97 (2454)	264 (6699)	60 (1513)	2	4
	248 (6300)	104 (2654)	287 (7299)	67 (1713)	2	4
	276 (7000)	114 (2887)	315 (7998)	77 (1945)	2	4
	285 (7250)	117 (2971)	325 (8250)	80 (2029)	2	4
Wide View Full-Free Lift	295 (7500)	120 (3054)	335 (8499)	83 (2113)	2	4
Three-Stage Mast	315 (8000)	127 (3221)	354 (9000)	90 (2279)	2	4
(FSV)	335 (8500)	133 (3387)	374 (9498)	96 (2445)	2	4
	354 (9000)	140 (3554)	394 (9999)	103 (2613)	2	4
	374 (9500)	146 (3721)	413 (10500)	109 (2779)	2	4
	394 (10000)	153 (3887)	433 (10998)	116 (2945)	2	4
	404 (10250)	156 (3971)	443 (11249)	119 (3029)	2	4
	413 (10500)	160 (4054)	453 (11499)	123 (3113)	2	4
	433 (11000)	166 (4221)	472 (12000)	129 (3279)	2	4

		OVERA	LL HEIGHT	FREE LIFT	- TILT RANGE	
MAST TYPE			EXTENDED			
	FORK HEIGHT (TOP OF FORKS)	LOWERED	WITH STANDARD LOAD BACKREST	WITH STANDARD LOAD BACKREST	FWD	BWD
	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg
RRE160H						
	193 (4900)	86 (2187)	235 (5968)	49 (1245)	2	4
	213 (5400)	93 (2354)	252 (6399)	56 (1413)	2	4
	224 (5700)	97 (2454)	264 (6699)	60 (1513)	2	4
	248 (6300)	104 (2654)	287 (7299)	67 (1713)	2	4
	276 (7000)	114 (2887)	315 (7998)	77 (1945)	2	4
	285 (7250)	117 (2971)	325 (8250)	80 (2029)	2	4
Wide View Full-Free Lift	295 (7500)	120 (3054)	335 (8499)	83 (2113)	2	4
Three-Stage Mast	315 (8000)	127 (3221)	354 (9000)	90 (2279)	2	4
(FSV)	335 (8500)	133 (3387)	374 (9498)	96 (2445)	2	4
	354 (9000)	140 (3554)	394 (9999)	103 (2613)	2	4
	374 (9500)	146 (3721)	413 (10500)	109 (2779)	2	4
	394 (10000)	153 (3887)	433 (10998)	116 (2945)	2	4
	404 (10250)	156 (3971)	443 (11249)	119 (3029)	2	4
	413 (10500)	160 (4054)	453 (11499)	123 (3113)	2	4
	433 (11000)	166 (4221)	472 (12000)	129 (3279)	2	4

MAST TYPE		OVERA	LL HEIGHT	FREE LIFT	- TILT RANGE		
	MAXIMUM		EXTENDED		HEI RANGE		
	FORK HEIGHT (TOP OF FORKS)	LOWERED	LOWERED WITH STANDARD LOAD BACKREST	WITH STANDARD LOAD BACKREST	FWD	BWD	
	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	
RRE180H							
	191 (4850)	89 (2249)	231 (5855)	51 (1283)	2	4	
	213 (5400)	96 (2432)	252 (6404)	58 (1467)	2	4	
	224 (5700)	100 (2532)	264 (6704)	62 (1567)	2	4	
	248 (6300)	108 (2732)	288 (7304)	70 (1767)	2	4	
	276 (7000)	117 (2966)	315 (8006)	79 (2001)	2	4	
	295 (7500)	123 (3132)	335 (8504)	85 (2167)	2	4	
	315 (8000)	130 (3299)	355 (9005)	92 (2333)	2	4	
Wide View Full-Free Lift	335 (8500)	136 (3466)	374 (9506)	98 (2501)	2	4	
Three-Stage Mast	354 (9000)	143 (3632)	394 (10004)	105 (2667)	2	4	
(FSV)	374 (9500)	150 (3799)	414 (10505)	112 (2833)	2	4	
	394 (10000)	156 (3966)	433 (11006)	118 (3001)	2	4	
	413 (10500)	163 (4132)	453 (11504)	125 (3167)	2	4	
	433 (11000)	169 (4299)	473 (12005)	131 (3333)	2	4	
	453 (11500)	176 (4463)	492 (12503)	137 (3491)	2	4	
	472 (12000)	182 (4630)	512 (13004)	144 (3659)	2	4	
	492 (12500)	189 (4797)	532 (13505)	151 (3825)	2	4	
	512 (13000)	195 (4963)	551 (14003)	157 (3991)	2	4	

MAST TYPE		OVERA	LL HEIGHT	FREE LIFT	<b>TU T</b>		
	MAXIMUM		EXTENDED		TILT RANGE		
	FORK HEIGHT (TOP OF FORKS)	LOWERED	WITH STANDARD LOAD BACKREST	WITH STANDARD LOAD BACKREST	FWD	BWD	
	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	
RRE200H							
RREZOUN	191 (4850)	89 (2249)	231 (5855)	51 (1283)	2	4	
	213 (5400)	96 (2432)	252 (6404)	58 (1467)	2	4	
	224 (5700)	100 (2532)	264 (6704)	62 (1567)	2	4	
	248 (6300)	108 (2732)	288 (7304)	70 (1767)	2	4	
	276 (7000)	117 (2966)	315 (8006)	79 (2001)	2	4	
	295 (7500)	123 (3132)	335 (8504)	85 (2167)	2	4	
	315 (8000)	130 (3299)	355 (9005)	92 (2333)	2	4	
Wide View Full-Free Lift	335 (8500)	136 (3466)	374 (9506)	98 (2501)	2	4	
Three-Stage Mast	354 (9000)	143 (3632)	394 (10004)	105 (2667)	2	4	
(FSV)	374 (9500)	150 (3799)	414 (10505)	112 (2833)	2	4	
	394 (10000)	156 (3966)	433 (11006)	118 (3001)	2	4	
	413 (10500)	163 (4132)	453 (11504)	125 (3167)	2	4	
	433 (11000)	169 (4299)	473 (12005)	131 (3333)	2	4	
	453 (11500)	176 (4463)	492 (12503)	137 (3491)	2	4	
	472 (12000)	182 (4630)	512 (13004)	144 (3659)	2	4	
	492 (12500)	189 (4797)	532 (13505)	151 (3825)	2	4	
	512 (13000)	195 (4963)	551 (14003)	157 (3991)	2	4	

		OVERAL	L HEIGHT	FREE LIFT	- TILT RANGE	
MAST TYPE	MAXIMUM		EXTENDED			
	FORK HEIGHT (TOP OF FORKS)	LOWERED	WITH STANDARD LOAD BACKREST	WITH STANDARD LOAD BACKREST	FWD	BWD
	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg
RRE250H						
	191 (4850)	89 (2249)	231 (5855)	51 (1283)	2	4
	213 (5400)	96 (2432)	252 (6404)	58 (1467)	2	4
	224 (5700)	100 (2532)	264 (6704)	62 (1567)	2	4
	248 (6300)	108 (2732)	288 (7304)	70 (1767)	2	4
	276 (7000)	117 (2966)	315 (8006)	79 (2001)	2	4
	295 (7500)	123 (3132)	335 (8504)	85 (2167)	2	4
	315 (8000)	130 (3299)	355 (9005)	92 (2333)	2	4
Wide View Full-Free Lift	335 (8500)	136 (3466)	374 (9506)	98 (2501)	2	4
Three-Stage Mast	354 (9000)	143 (3632)	394 (10004)	105 (2667)	2	4
(FSV)	374 (9500)	150 (3799)	414 (10505)	112 (2833)	2	4
	394 (10000)	156 (3966)	433 (11006)	118 (3001)	2	4
	413 (10500)	163 (4132)	453 (11504)	125 (3167)	2	4
	433 (11000)	169 (4299)	473 (12005)	131 (3333)	2	4
	453 (11500)	176 (4463)	492 (12503)	137 (3491)	2	4
	472 (12000)	182 (4630)	512 (13004)	144 (3659)	2	4
	492 (12500)	189 (4797)	532 (13505)	151 (3825)	2	4
	512 (13000)	195 (4963)	551 (14003)	157 (3991)	2	4



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