### **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
- Cold Storage Cab Option



RRE140-250H/HC/HE/HEC/HCC/HECC

# VERSATILITY YOU CAN COUNT ON

512 IN.

**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



## MOVING MAST REACH TRUCK ADVANTAGES

➤ 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>

3500<sup>+</sup>
TOYOTA CERTIFIED TECHNICIANS

GUARANTEED 4-HOUR

EMERGENCY RESPONSE TIME

CAPACITY LOAD CENTER **MAXIMUM FORK HEIGHT** 3000-5500 LBS. 24 IN. 433 - 512 IN.

### **INDUSTRIES**



Cold Storage

Distribution



Factory

Food

Processing



Food Storage

General



General Warehousing



Retail

### STANDARD EQUIPMENT

### **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
- 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
- ITA Class II Hook-Type Carriage (31 in. Wide)
- Forks: 1.57 in. x 4 in. x 45.28 in.
- · Proportional plugging
- Transitional Lift Control
- Steering Direction Indicator

### **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.

Available on RRE140.160.180.200.250HE/HEC/HECC models only

### **OPTIONS AVAILABILITY CHART**

### LOAD HANDLING

- Various Optional Fork Lengths
- Remove Forks
- Various Load Backrest Extensions
- Fork Carriage with Sideshifting Fork Positioner
- Fork Carriage prep for Attachment
- Integral Sideshifting Fork Positioner with Postion Past Centerline
- Optional Fork Tilt, 0.5° Fwd / 4° Back
- Optional Fork Tilt, 1° Fwd / 4° Back
- · Various hosing and hose reel options

### **OPERATOR COMPARTMENT**

- Standard Operator Compartment
- Cold Storage Conditioning for Operator Compartment
- Automatic Tilting Operator Compartment
- Heated, Enclosed Cabin for non-Tilting Cab
- Heated, Enclosed Cabin for Tilting Cab

### BATTERY COMPARTMENT

- 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
- Electrically Heated Front Door & Window
- Electrically Heated Side Window
- Electrically Heated Roof Window
- Intercom System for Heated Compartment
- Reading Light for Heated Compartment
- Manual Windshield Wiper for Heated Compartment

### LIGHTS, INDICATORS, & MISCELLANEOUS

- Various LED Work Lights
- Amber Strobe Light
- Blue LED Spot Lights
- Red LED Spot Lights
- Height Indicator
- Load Information Display
- Overload Warning System
- Fork Position Laser
- Auto Height Select
- Lift Limit with Override

- Fork-mounted Camera System
- Mast-mounted Camera System
- Rear View Mirror
- Turn Signal Lights
- Bluetooth Speakers
- Horizontal Accessory Bar
- Mounting Bracket for Inventory Computer Keyboard
- Mounting Bracket for Inventory Computer
- Transparent Clipboard

- Various Power Supply Options
- Small Item Holder, Single
- Small Item Holder, Double
- Scanner Holder
- Programmable Travel Alarm
- Drive Motor Cooling Fans for High-Temp Applications
- Spring-loaded, Adhesive-backed
   Paper Clip

### **PERFORMANCE**

- High Performance Travel Speed
- High Performance Lift Speed
- Stabilizer Blocks

• Without Stabilizer Blocks

### WHEELS AND TIRES

- Various Baseleg Dimensions
- Various Load Wheel Sizes
- Load Wheel Protective Caps

### **COMFORT & OPERABILITY**

- Multifunction Control Handle
- 360-degree or 180-degree Steering
- Various Seat and Heated Seat Options
- Adjustable Arm Rest

- Hip Side Bolster
- Electric Power Floor Height Adjustment
- Transparent Overhead Guard
- Automatic Tilt Centering

- Automatic Sideshift Centering
- Integral Side Shifter (3 in. each way)

### **MAIN VEHICLE SPECIFICATIONS**

### MODEL NUMBERS

	ENERAL DATA			RRE140H			RRE160H				
Load	l Capacity¹			lb (kg)		3000 (1400)		3500 (1600)			
	Center	0.		in (mm)		24 (600)			24 (E		
	ery Compartment	t Size			10.8	13.7	16.5	10.8	13.7	16.5	19.3
	er Type ator Position					Battery Rider Seated			Batt Rider S		
oper	ator Fosition					RRE140H			RRE1		
EXTE	ERIOR DIMENSI	DNS			BATTE	ERY COMPARTMEN	IT SIZE	В	ATTERY COMP		Έ
					10.8" 13.7" 16.5"		10.8"	13.7"	16.5"	19.3"	
Α	Fork Lowered H	leight		in (mm)	2.2 (55)				2.2 (	(55)	
В	Maximum Fork			in (mm)		433.1 (11000)			433.1 (1	11000)	
C	Free Lift			in (mm)		129.1 (3279)			129.1 (3		
D	Tilt Range		Fwd/	/Bwd deg		2/4			2/		
E F	Mast Lowered I			in (mm)		166.2 (4221) 472.4 (12000)			166.2 (	,	
G	Mast Extended Overhead Guar			in (mm) in (mm)		86.5 (2198)			472.4 (1 86.5 ()		
н	Fork Carriage H			in (mm)		39.4 (1000)			39.4 (1		
1	Seat Height in (mm)				44.7 (1136)			44.7 (			
J	Optional Battery Roller Height in (mm)			11.5 (293)			11.5 (2	293)			
K	, ,			51.6 (1311)			54.9 (1	1395)			
L	, , , ,		. ,		2.9 (74)			2.9 (			
M		ength to fork face)		in (mm)	49.7 (1263)	52.6 (1335)	55.7 (1416)	49.7 (1263)	52.6 (1335)		58.6 (1488)
N O	Fork Size	ength to tip of forks, retra	T x W	in (mm) V x L in (mm)	95 (2413) 1 57 x 4	97.8 (2485) 4 x 45.28 (40 x 100	101 (2566) x 1150)	95 (2413)	97.8 (2485) 57 x 4 x 45.28 (		104.2 (2647) ור
P	Fork Adjustmer	nt		/Max. in (mm)		9.9 / 27.5 (252 / 69)		l.	9.9 / 27.5 (2		-,
Q	, , , , , , , , , , , , , , , , , , , ,				5.4 - 43.3 (900 - 110			35.4 - 43.3 (			
R	Base Leg Outside Dimension (OD) in (mm)				50.0 - 57.9 (1270 - 1470)				50.0 - 57.9 (1	·	
S	,				28.2 (716)				28.2 (		
Т			in (mm)	50	0.0 - 57.9 (1270 - 14	70)		50.0 - 57.9 (1			
U	5		in (mm)	61.9 (1573)			65.2 (1657)				
	Reach Stroke in (mm)  Basic Right Angle Stacking Aisle Width <sup>1</sup>		19.9 (506) Contact Dealer			23.2 (590)  Contact Dealer					
	EdSIC RIGITE ATIS	JIE STACKING AISIE WIUTH				RRE140H			RRE1		
DEDE	FORMANCE DAT	.Δ			RATTE	ERY COMPARTMEN	IT SIZE		ATTERY COMP		'E
	OHMANGE BAI	^			10.8"	13.7"	16.5"	10.8"	13.7"	16.5"	19.3"
			Full Load	mph (km/h)		6.4 (10.3)			6.2 (		
		Travel	No Load	mph (km/h)		6.8 (11)			6.8		
		Lifting	Full Load	fpm (mm/sec)		74.8 (380)			74.8 (	380)	
Spee	eds (Maximum)	Litting	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 (		
		Reach / Retract	Full Load No Load	sec		2.9 1.8		3.0 2.1			
			Full Load	%		10			10		
Grade	eability		No Load	%		15			15		
						RRE140H			RRE1	60H	
TRUC	CK WEIGHTS				BATTE	RRE140H ERY COMPARTMEN	IT SIZE	В	RRE1 ATTERY COMP		E
TRUC	CK WEIGHTS				BATTE 10.8"		IT SIZE 16.5"	10.8"			E 19.3"
	CK WEIGHTS	Without Battery		lb (kg)		ERY COMPARTMEN			ATTERY COMP	ARTMENT SIZ 16.5"	
Total	Weight	Without Battery				ERY COMPARTMEN 13.7"			ATTERY COMP 13.7"	ARTMENT SIZ 16.5" (2713)	
	Weight	Without Battery			10.8"	ERY COMPARTMEN 13.7" 5965 (2705)	16.5"	10.8"	ATTERY COMP. 13.7" 5982 (	16.5" (2713) (60H	19.3"
Total	Weight	Without Battery		lb (kg)	10.8"	ERY COMPARTMEN 13.7" 5965 (2705) RRE140H	16.5"	10.8"	ATTERY COMP. 13.7" 5982 ( RRE1	16.5" (2713) (60H	19.3"
Total	Weight	Tire Type	Drive/Loa	lb (kg) d	10.8" BATTE	ERY COMPARTMEN 13.7" 5965 (2705) RRE140H ERY COMPARTMEN 13.7" Cushion	16.5" IT SIZE	10.8"	ATTERY COMP 13.7" 5982 ( RRE1 ATTERY COMP 13.7" Cust	ARTMENT SIZ 16.5" (2713) 160H PARTMENT SIZ 16.5"	19.3" E
Total	Weight		Drive/Load	lb (kg) d d	10.8" BATTE 10.8"	ERY COMPARTMEN 13.7" 5965 (2705) RRE140H ERY COMPARTMEN 13.7" Cushion 1x/2	16.5" IT SIZE 16.5"	10.8"	ATTERY COMP. 13.7" 5982 ( RRE1 ATTERY COMP. 13.7" Cush	16.5" (2713) (60H PARTMENT SIZ 16.5"	19.3" E
Total	Weight	Tire Type	Drive/Load	lb (kg) d d in (mm)	10.8" BATTE 10.8"	ERY COMPARTMEN 13.7" 5965 (2705) RRE140H ERY COMPARTMEN 13.7" Cushion 1x/2 3.5 x 5.5 (343 x 140	16.5" IT SIZE 16.5"	10.8"	ATTERY COMP 13.7" 5982 ( RRE1 ATTERY COMP 13.7" Cush 1x, 13.5 x 5.5 (3	16.5" (2713) 60H PARTMENT SIZ 16.5" hion /2	19.3" E
Total TIRE Tires	Weight S	Tire Type Wheels (x = driven)	Drive/Load	lb (kg) d d	10.8" BATTE 10.8"	ERY COMPARTMEN 13.7" 5965 (2705) RRE140H ERY COMPARTMEN 13.7" Cushion 1x/2 3.5 x 5.5 (343 x 140 11.8 x 4.2 (300 x 106	16.5" IT SIZE 16.5"	10.8"	ATTERY COMP 13.7" 5982 (	ARTMENT SIZ 16.5" (2713) 60H ARTMENT SIZ 16.5" hion /2 343 x 140) 300 x 106)	19.3" E
Total TIRE Tires	Weight	Tire Type Wheels (x = driven)	Drive/Load	lb (kg) d d in (mm)	10.8" BATTE 10.8"	ERY COMPARTMEN 13.7" 5965 (2705) RRE140H ERY COMPARTMEN 13.7" Cushion 1x/2 3.5 x 5.5 (343 x 144) 11.8 x 4.2 (300 x 106) Electric Disc	16.5" IT SIZE 16.5"	10.8"	ATTERY COMP 13.7" 5982 ( RRE1 ATTERY COMP 13.7" Cush 1x, 13.5 x 5.5 ( 11.8 x 4.2 ( Electric	ARTMENT SIZ 16.5" (2713) (60H **ARTMENT SIZ 16.5" hinon //2 343 x 140) 300 x 106) c Disc	19.3" E
Total TIRE Tires Brake	Weight S  Type	Tire Type Wheels (x = driven)	Drive/Load	lb (kg) d d in (mm)	10.8" BATTE 10.8" 1	ERY COMPARTMEN 13.7" 5965 (2705) RRE140H ERY COMPARTMEN 13.7" Cushion 1x/2 3.5 x 5.5 (343 x 144 11.8 x 4.2 (300 x 106 Electric Disc RRE140H	16.5"  IT SIZE  16.5"	10.8" B 10.8"	ATTERY COMP 13.7" 5982 ( RRE1 ATTERY COMP 13.7" Cush 1x, 13.5 x 5.5 ( 11.8 x 4.2 ( Electric	ARTMENT SIZ 16.5" (2713) (60H *ARTMENT SIZ 16.5" hidon hidon (2 343 x 140) 300 x 106) c Disc (60H	19.3" E 19.3"
Total TIRE Tires Brake	Weight S	Tire Type Wheels (x = driven)	Drive/Load	lb (kg) d d in (mm)	10.8" BATTE 10.8" 1	ERY COMPARTMEN 13.7" 5965 (2705) RRE140H ERY COMPARTMEN 13.7" Cushion 1x/2 3.5 x 5.5 (343 x 144) 11.8 x 4.2 (300 x 106) Electric Disc	16.5"  IT SIZE  16.5"	10.8" B 10.8"	ATTERY COMP 13.7" 5982 ( RRE1 ATTERY COMP 13.7" Cush 1x, 13.5 x 5.5 ( 11.8 x 4.2 ( Electric	ARTMENT SIZ 16.5" (2713) (60H *ARTMENT SIZ 16.5" hidon hidon (2 343 x 140) 300 x 106) c Disc (60H	19.3" E 19.3"
Tires Brake	Weight S  Type	Tire Type Wheels (x = driven)	Drive/Load	lb (kg) d d in (mm)	10.8" BATTE 10.8"  1 BATTE	ERY COMPARTMEN 13.7" 5965 (2705) RRE140H ERY COMPARTMEN 13.7" Cushion 1x/2 3.5 x 5.5 (343 x 140 11.8 x 4.2 (300 x 106 Electric Disc RRE140H ERY COMPARTMEN	16.5"  IT SIZE  16.5"	10.8" B 10.8"	ATTERY COMP 13.7"  5982 (  RRE1  ATTERY COMP  13.7"  Cush  1x,  13.5 x 5.5 (  Electric  RRE1  ATTERY COMP	ARTMENT SIZ 16.5" (2713) (60H  ARTMENT SIZ 16.5" hion (2 343 x 140) 300 x 106) c Disc (60H  ARTMENT SIZ 16.5"	19.3" E 19.3"
Tires Brake	Weight  S  Type  VER SYSTEM	Tire Type Wheels (x = driven)	Drive/Load	lb (kg) d d in (mm)	10.8" BATTE 10.8"  1 BATTE	ERY COMPARTMEN 13.7" 5965 (2705) RRE140H ERY COMPARTMEN 13.7" Cushion 1x/2 3.5 x 5.5 (343 x 140 11.8 x 4.2 (300 x 106 Electric Disc RRE140H ERY COMPARTMEN 13.7"	16.5"  IT SIZE  16.5"	10.8" B 10.8"	ATTERY COMP 13.7" 5982 ( RRE1 ATTERY COMP 13.7" Cust 13.5 x 5.5 ( 11.8 x 4.2 ( Electri RRE1 ATTERY COMP	ARTMENT SIZ 16.5" (2713) (60H  ARTMENT SIZ 16.5" hion (2 343 x 140) 300 x 106) c Disc (60H  ARTMENT SIZ 16.5"	19.3" E 19.3"
Total TIRE Tires Brake	Weight  S  Type  VER SYSTEM	Tire Type Wheels (x = driven)	Drive/Loa Drive/Loa Drive Load	lb (kg) d d in (mm) in (mm)	10.8"  BATTE 10.8"  1 BATTE 10.8"	ERY COMPARTMEN 13.7" 5965 (2705) RRE140H ERY COMPARTMEN 13.7" Cushion 1x/2 3.5 x 5.5 (343 x 140 11.8 x 4.2 (300 x 106 Electric Disc RRE140H ERY COMPARTMEN 13.7" Lead Acid	16.5"  IT SIZE  16.5"	10.8" B 10.8" B 10.8"	ATTERY COMP 13.7" 5982 ( RRE1 ATTERY COMP 13.7" Cush 1x, 13.5 x 5.5 ( 11.8 x 4.2 (3 Electri RRE1 ATTERY COMP	ARTMENT SIZ 16.5" (2713) (60H  ARTMENT SIZ 16.5" hion (2 300 x 106) c Disc 60H  ARTMENT SIZ 16.5"  Acid 16.5 (419)	19.3" E 19.3" E 19.3"
Total Tires Tires Brake Pow Batte	Weight  S  e Type  VER SYSTEM  ery Type	Tire Type Wheels (x = driven) Size (dia. X width)  Battery Dimensions	Drive/Load Drive/Load Drive Load  Length Width Height	Ib (kg)  d  in (mm)  in (mm)  in (mm)  in (mm)  in (mm)	10.8"  BATTE 10.8"  1 BATTE 10.8"	ERY COMPARTMEN 13.7" 5965 (2705) RRE140H ERY COMPARTMEN 13.7" Cushion 1x/2 3.5 x 5.5 (343 x 140 11.8 x 4.2 (300 x 100 Electric Disc RRE140H ERY COMPARTMEN 13.7" Lead Acid 13.7 (347) 47.7 (1212) 30.9 (784)	16.5"  IT SIZE  16.5"  IT SIZE  16.5"	10.8" B 10.8" B 10.8"	ATTERY COMP 13.7" 5982 ( RRE1 ATTERY COMP 13.7" Cush 13.5 x 5.5 ( 11.8 x 4.2 (3 Electric RRE1 ATTERY COMP 13.7" Lead 13.7 (347) 47.7 (1 30.9 (1)	ARTMENT SIZ  16.5" (2713) (60H  ARTMENT SIZ  16.5" hinon /2 343 x 140) 300 x 106) c Disc (60H  ARTMENT SIZ  16.5"  Acid 16.5 (419) 1212) (784)	19.3" E 19.3" E 19.3" 19.3 (491)
Total Tires Tires Brake Pow Batte	Weight  S  e Type  /ER SYSTEM  ery Type	Tire Type Wheels (x = driven) Size (dia. X width)	Drive/Load Drive/Load Drive Load  Length Width Height Maximum	in (mm) in (mm) in (mm) V/Ah	10.8"  BATTE 10.8"  1  BATTE 10.8"  10.8 (275)	ERY COMPARTMEN 13.7" 5965 (2705) RRE140H ERY COMPARTMEN 13.7" Cushion 1x/2 3.5 x 5.5 (343 x 144 11.8 x 4.2 (300 x 106 Electric Disc RRE140H ERY COMPARTMEN 13.7" Lead Acid 13.7 (347) 47.7 (1212) 30.9 (784) 48 / 620	16.5"  IT SIZE  16.5"  IT SIZE  16.5 (419)  48 / 775	10.8"  B 10.8"  B 10.8"  10.8 (275)	ATTERY COMP 13.7" 5982 ( RRE1 ATTERY COMP 13.7" Cush 1x, 13.5 x 5.5 ( 11.8 x 4.2 ( Electric RRE1 ATTERY COMP 13.7" Lead 13.7 (347) 47.7 ( 30.9 ( 48 / 620	ARTMENT SIZ  16.5" (2713) (60H  ARTMENT SIZ  16.5" hidon hidon hidon c Disc (60H  ARTMENT SIZ  16.5" Acid 16.5 (419) 1212) (784) 48 / 775	19.3"  E 19.3"  19.3"  19.3 (491)
Total Tires Tires Brake Pow Batte	Weight  S  e Type  VER SYSTEM  ery Type	Tire Type Wheels (x = driven) Size (dia. X width)  Battery Dimensions	Drive/Load Drive Load  Length Width Height Maximum Minimum	in (mm) in (mm) in (mm) V/Ah lb (kg)	10.8"  BATTE 10.8"  1  BATTE 10.8"  10.8 (275)  48 / 465 1510 (685)	ERY COMPARTMEN 13.7" 5965 (2705) RRE140H ERY COMPARTMEN 13.7" Cushion 1x/2 3.5 x 5.5 (343 x 140 11.8 x 4.2 (300 x 106 Electric Disc RRE140H ERY COMPARTMEN 13.7" Lead Acid 13.7 (347) 47.7 (1212) 30.9 (784) 48 / 620 1929 (875)	16.5"  IT SIZE  16.5"  IT SIZE  16.5"  48 / 775  2326 (1055)	10.8"  B 10.8"  10.8 (275)  48 / 465 1510 (685)	ATTERY COMP 13.7" 5982 ( RRE1 ATTERY COMP 13.7" Cust 13.5 x 5.5 ( 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)	ARTMENT SIZ 16.5" (2713) (60H  *ARTMENT SIZ 16.5" hion (2 343 x 140) 300 x 106) c Disc (60H  *ARTMENT SIZ 16.5" Acid 16.5 (419) 1212) (784) 48 / 775 2326 (1055)	19.3"  E 19.3"  19.3 (491)  48 / 930 2756 (1250)
Tires  Brake  Pow  Batte  Batte  (6-hc	Weight  ES  E Type  VER SYSTEM  Ery Type  ery our ratings) <sup>2</sup>	Tire Type Wheels (x = driven) Size (dia. X width)  Battery Dimensions Voltage/ Capacity Weight	Drive/Load Drive/Load Drive Load  Length Width Height Maximum	in (mm) in (mm) in (mm) V/Ah lb (kg) lb (kg)	10.8"  BATTE 10.8"  1  BATTE 10.8"  10.8 (275)	ERY COMPARTMEN 13.7" 5965 (2705) RRE140H ERY COMPARTMEN 13.7" Cushion 1x/2 (3.5 x 5.5 (343 x 140) Electric Disc RRE140H ERY COMPARTMEN 13.7" Lead Acid 13.7 (347) 47.7 (1212) 30.9 (784) 48 / 620 1929 (875) 2271 (1030)	16.5"  IT SIZE  16.5"  IT SIZE  16.5 (419)  48 / 775	10.8"  B 10.8"  B 10.8"  10.8 (275)	ATTERY COMP 13.7" 5982 ( RRE1 ATTERY COMP 13.7" Cust 13.5 x 5.5 ( 11.8 x 4.2 ( Electric RRE1 ATTERY COMP 13.7" Lead 13.7 (347) 47.7 ( 30.9 ( 48 / 620 ( 1929 (875) 2271 (1030)	ARTMENT SIZ 16.5" (2713) (60H  ARTMENT SIZ 16.5" hion (2 343 x 140) 300 x 106) c Disc (60H  ARTMENT SIZ 16.5"  Acid 16.5 (419) 1212) (784) 48 / 775 2326 (1055) 2723 (1235)	19.3"  E 19.3"  19.3 (491)  48 / 930 2756 (1250)
Tires  Brake  Pow  Batte  Batte  (6-hc	Weight  S  e Type  VER SYSTEM  ery Type	Tire Type Wheels (x = driven) Size (dia. X width)  Battery Dimensions Voltage/ Capacity Weight Drive	Drive/Load Drive Load  Length Width Height Maximum Minimum	in (mm) in (mm) in (mm) V/Ah lb (kg) lb (kg) hp (kw)	10.8"  BATTE 10.8"  1  BATTE 10.8"  10.8 (275)  48 / 465 1510 (685)	ERY COMPARTMEN 13.7" 5965 (2705) RRE140H ERY COMPARTMEN 13.7" Cushion 1x/2 (3.5 x 5.5 (343 x 140) II.8 x 4.2 (300 x 106) Electric Disc RRE140H ERY COMPARTMEN 13.7" Lead Acid 13.7 (347) 47.7 (1212) 30.9 (784) 48 / 620 1929 (875) 2271 (1030) 12.1 (9)	16.5"  IT SIZE  16.5"  IT SIZE  16.5"  48 / 775  2326 (1055)	10.8"  B 10.8"  10.8 (275)  48 / 465 1510 (685)	ATTERY COMP 13.7" 5982 ( RRE1 ATTERY COMP 13.7" Cust 13.5 x 5.5 ( Electric RRE1 ATTERY COMP 13.7" Lead 13.7 (347) 47.7 ( 30.9 (48 / 620 ( 1929 (875) ( 2271 (1030)	ARTMENT SIZ 16.5" (2713) (60H  ARTMENT SIZ 16.5" hion (2 343 x 140) 300 x 106) c Disc 60H  ARTMENT SIZ 16.5"  Acid 16.5 (419) 1212) (784) 48 / 775 2326 (1055) 2723 (1235) (9)	19.3"  E 19.3"  19.3 (491)  48 / 930 2756 (1250)
Tires  Brake  Pow  Batte  Batte  (6-hc	Weight  ES  E Type  VER SYSTEM  Ery Type  ery our ratings) <sup>2</sup>	Tire Type Wheels (x = driven) Size (dia. X width)  Battery Dimensions Voltage/ Capacity Weight	Drive/Load Drive Load  Length Width Height Maximum Minimum	in (mm) in (mm) in (mm) V/Ah lb (kg) lb (kg)	10.8"  BATTE 10.8"  1  BATTE 10.8"  10.8 (275)  48 / 465 1510 (685)	ERY COMPARTMEN 13.7" 5965 (2705) RRE140H ERY COMPARTMEN 13.7" Cushion 1x/2 (3.5 x 5.5 (343 x 140) Electric Disc RRE140H ERY COMPARTMEN 13.7" Lead Acid 13.7 (347) 47.7 (1212) 30.9 (784) 48 / 620 1929 (875) 2271 (1030)	16.5"  IT SIZE  16.5"  IT SIZE  16.5"  48 / 775  2326 (1055)	10.8"  B 10.8"  10.8 (275)  48 / 465 1510 (685)	ATTERY COMP 13.7" 5982 ( RRE1 ATTERY COMP 13.7" Cust 13.5 x 5.5 ( 11.8 x 4.2 ( Electric RRE1 ATTERY COMP 13.7" Lead 13.7 (347) 47.7 ( 30.9 ( 48 / 620 ( 1929 (875) 2271 (1030)	ARTMENT SIZ 16.5" (2713) (60H  ARTMENT SIZ 16.5" hion (2 343 x 140) 300 x 106) c Disc 60H  ARTMENT SIZ 16.5"  Acid 16.5 (419) 1212) (784) 48 / 775 2326 (1055) 2723 (1235) (9) (11)	19.3"  E 19.3"  19.3 (491)  48 / 930 2756 (1250)
Tires Brake Pow Batte Batte Elect	Weight  ES  E Type  VER SYSTEM  Ery Type  ery our ratings) <sup>2</sup>	Tire Type Wheels (x = driven) Size (dia. X width)  Battery Dimensions Voltage/ Capacity Weight Drive Load Handling	Drive/Load Drive Load  Length Width Height Maximum Minimum	in (mm) in (mm) in (mm) V/Ah lb (kg) lb (kg) hp (kw)	10.8"  BATTE 10.8"  1  BATTE 10.8"  10.8 (275)  48 / 465 1510 (685)	ERY COMPARTMEN  13.7"  5965 (2705)  RRE140H  ERY COMPARTMEN  13.7"  Cushion  1x/2  3.5 x 5.5 (343 x 140  18.8 x 4.2 (300 x 106  Electric Disc  RRE140H  ERY COMPARTMEN  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)	16.5"  IT SIZE  16.5"  IT SIZE  16.5"  48 / 775  2326 (1055)	10.8"  B 10.8"  10.8 (275)  48 / 465 1510 (685)	ATTERY COMP 13.7" 5982 ( RRE1 ATTERY COMP 13.7" Cush 1x, 13.5 x 5.5 (: 11.8 x 4.2 (: Electric RRE1 ATTERY COMP 13.7" Lead 13.7 (347) 47.7 (: 30.9 ( 48 / 620 1929 (875) 2271 (1030) 12.1 14.8	ARTMENT SIZ  16.5" (2713) (60H  ARTMENT SIZ  16.5" hinon /2  343 x 140) 300 x 106) c Disc  60H  ARTMENT SIZ  16.5"  Acid 16.5 (419) 1212) (784) 48 / 775 2326 (1055) 2723 (1235) (9) (11) C	19.3"  E 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

### MODEL NUMBERS

GENERAL DATA	ENERAL DATA				RRE180H		RRE200H			
Load Capacity <sup>1</sup>			lb (kg)		3900 (1800)		4400 (2000)			
Load Center			in (mm)		24 (600)		24 (600)			
Battery Compartmer	nt Size			13.7	16.5	19.3	13.7	16.5	19.3	
Power Type					Battery			Battery		
Operator Position					Rider Seated		1	Rider Seated		
					RRE180H			RRE200H		
EXTERIOR DIMENS	IUNS			BATTERY COMPARTMENT SIZE			13.7"	ERY COMPARTMEN 16.5"	19.3"	
A Fork Lowered I	Height		in (mm)	10.7	13.7" 16.5" 19.3" 2.2 (55)			2.2 (55)	10.0	
	(Height (MFH)1		in (mm)		511.8 (13000)			511.8 (13000)		
C Free Lift			in (mm)		157.1 (3991)			157.1 (3991)		
D Tilt Range		Fwd/	'Bwd deg		2/4			2/4		
E Mast Lowered			in (mm)		195.4 (4963)			195.4 (4963)		
F Mast Extended			in (mm)		551.3 (14003)			551.3 (14003)		
G Overhead Guar H Fork Carriage I			in (mm) in (mm)		89 (2261) 39.4 (1000)			89 (2261) 39.4 (1000)		
Seat Height	IGIGIIL		in (mm)		47.2 (1198)			47.2 (1198)		
	ry Roller Height		in (mm)		14 (356)			14 (356)		
K Wheelbase	,		in (mm)		57.3 (1455)			59.6 (1515)		
L Underclearand	ce (center of wheelbase)	No Lo	oad in (mm)		2.9 (74)			2.9 (74)		
	Length to fork face)		in (mm)	54.2 (1377)	57 (1449)	59.9 (1521)	54.2 (1377)	57 (1449)	59.9 (1521)	
	Length to tip of forks, retra		in (mm)	99.5 (2527)	102.3 (2599)	105.2 (2671)	102 (2590)	104.8 (2662)	107.6 (2734)	
Fork Size     Fork Adjustme	unt .	T x W			: 4 x 45.28 (40 x 100			4 x 45.28 (40 x 100		
	, , , , ,				10.7 / 28.3 (272 / 71 35.4 - 51.2 (900 - 130			10.7 / 28.3 (272 / 71) 5.4 - 51.2 (900 - 130		
	ide Dimension (OD)		in (mm)		0.0 - 65.7 (1270 - 16			0.0 - 65.7 (1270 - 16		
	3 ( )				30 (761)			30 (761)		
T Overall Truck V			in (mm)	5	0.0 - 65.7 (1270 - 16	i70)	50	0.0 - 65.7 (1270 - 16	70)	
<b>U</b> Outside Turnin	g Radius		in (mm)		67.6 (1717)			72.4 (1840)		
Reach Stroke			in (mm)		23.4 (594)			25.7 (654)		
Basic Right An	gle Stacking Aisle Width	1		1	Contact Dealer		Contact Dealer			
					RRE180H			RRE200H		
PERFORMANCE DA	TA				ERY COMPARTMEN		BATTERY COMPARTMENT SIZE			
		E. III.		13.7"	16.5"	19.3"	13.7"	16.5"	19.3"	
	Travel	Full Load No Load	mph (km/h) mph (km/h)		6.8 (11) 6.8 (11)			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		
	riodorry riodrade	No Load	sec		2.12		2.34 10			
Gradeability		Full Load	%		10		15			
		No Load	%		15					
TRUCK WEIGHTS				BATT	RRE180H ERY COMPARTMEN	IT CIZE	DATT	RRE200H	IT 017E	
INUCK WEIGHTS				13.7"	16.5"	19.3"	BATTERY COMPARTMENT SIZE 13.7" 16.5" 19.3'			
Fotal Weight	Without Battery		lb (kg)	15.7	6688 (3033)	19.5	15.7	7091 (3216)	19.5	
TOTAL WEIGHT	Without Dattery		ib (kg)		RRE180H			RRE200H		
TIRES				BATT	ERY COMPARTMEN	NT SIZE	BATTERY COMPARTMENT SIZE			
				13.7"	16.5"	19.3"	13.7"	16.5"	19.3"	
	Tire Type	Drive/Load	4	10.7	Cushion	10.0	10.0	Cushion	10.0	
	Wheels (x = driven)	Drive/Load			1x/2		1x/2			
Tires		Drive	in (mm)		14.2 x 6.3 (360 x 160)			14.2 x 6.3 (360 x 160)		
	Size (dia. X width)	Load	in (mm)		13.8 x 4.2 (350 x 10	6)	13.8 x 4.2 (350 x 106)			
Brake Type					Electric Disc			Electric Disc		
					RRE180H			RRE200H		
POWER SYSTEM					ERY COMPARTMEN			ERY COMPARTMEN		
				13.7"	16.5"	19.3"	13.7"	16.5"	19.3"	
Battery Type		Longith		10.7 (0.47)	Lead Acid	10.0 (401)	10.7 (0.47)	Lead Acid	10.0 (403)	
	Rattery Dimensions	Length	in (mm) in (mm)	13.7 (347)	16.5 (419) 47.7 (1212)	19.3 (491)	13.7 (347)	16.5 (419) 47.7 (1212)	19.3 (491)	
Battery	Dattery Differential	Battery Dimensions Width Height	in (mm)		30.9 (784)			30.9 (784)		
6-hour ratings)2	Voltage/ Capacity	Maximum	V / Ah	48 / 620	48 / 775	48 / 930	48 / 620	48 / 775	48/930	
		Minimum	lb (kg)	1929 (875)	2326 (1055)	2756 (1250)	1929 (875)	2326 (1055)	2756 (1250)	
	Weight	Maximum	lb (kg)	2271 (1030)	2723 (1235)	3175 (1440)	2271 (1030)	2723 (1235)	3175 (1440)	
Electric Motors	Drive		hp (kw)		14.1 (10.5)			14.1 (10.5)		
L.COLI IO INICIOI O	Load Handling		hp (kw)		20.1 (15)			20.1 (15)		
	Drive				AC			AC		
			AC			AC				
Control Type	Load Handling Power Steering				AC		AC			

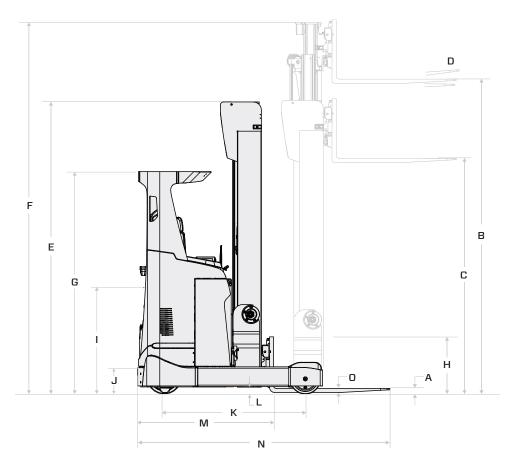
### **MAIN VEHICLE SPECIFICATIONS**

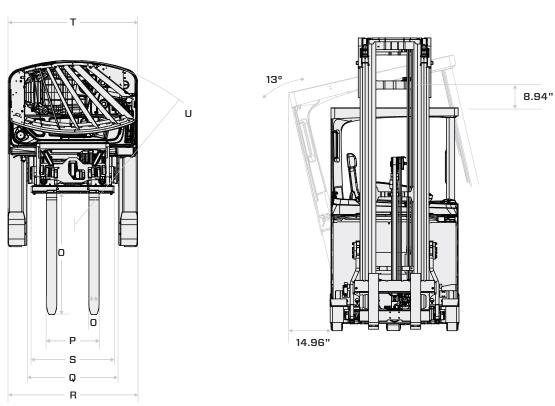
### MODEL NUMBERS

GENERAL DATA			RRE250H				
Load Capacity <sup>1</sup>		lb (kg)	5500 (2500)				
Load Center		in (mm)	24 (600)				
Battery Compartmen	t Size		16.5 19.3				
Power Type			Battery				
Operator Position			Rider Seated				
			RRE250H				
EXTERIOR DIMENSI	ONS		BATTERY COMPARTMENT SIZE				
• F	1-1-1-1	i- ()	16.5" 19.3"				
A Fork Lowered F  B Maximum Fork		in (mm) in (mm)	2.2 (55) 511.8 (13000)				
C Free Lift	neigiii (ivirn)	in (mm)	129.1 (3279)				
D Tilt Range		Fwd/Bwd deg	2/4				
E Mast Lowered	Height <sup>1</sup>	in (mm)	195.4 (4963)				
F Mast Extended		in (mm)	551.3 (14003)				
G Overhead Guar	d Height	in (mm)	89 (2261)				
H Fork Carriage F	leight	in (mm)	39.4 (1000)				
I Seat Height		in (mm)	47.2 (1198)				
J Optional Batter	y Roller Height	in (mm)	14 (356)				
<b>K</b> Wheelbase		in (mm)	62 (1575)				
	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		TxWxL in (mm)	1.57 x 4 x 45.28 (40 x 100 x 1150)				
P Fork Adjustmen		Min./Max. in (mm)	10.7 / 28.3 (272 / 718)				
	e Dimension (ID)	in (mm)	35.4 - 51.2 (900 - 1300)				
	ide Dimension (OD)	in (mm) in (mm)	50.0 - 65.7 (1270 - 1670) 30 (761)				
S Truck Mast Ove T Overall Truck W		in (mm)	30 (761) 50.0 - 65.7 (1270 - 1670)				
U Outside Turnin		in (mm)	72.3 (1837)				
Reach Stroke	y naulus	in (mm)	24 (609)				
	gle Stacking Aisle Width		Contact Dealer				
Buolo Hight / Hi	gic otdoking / kolc vvidti		RRE250H				
PERFORMANCE DAT	ΓΔ		BATTERY COMPARTMENT SIZE				
FEIN ONMANDE DA	·n		16.5" 19.3"				
		Full Load mph (km/h)	6.8 (11)				
	Travel	No Load mph (km/h)	6.8 (11)				
		Full Load fpm (mm/sec)	72.8 (370)				
	Lifting	No Load fpm (mm/sec)	126 (640)				
Speeds (Maximum)		Full Load fpm (mm/sec)	104.3 (530)				
	Lowering	No Load fpm (mm/sec)	114.2 (580)				
	D 1 / D 1 1	Full Load sec	3.05				
	Reach / Retract	No Load sec	2.16				
Gradeability		Full Load %	7				
or accapility		No Load %	12				
			RRE250H				
TRUCK WEIGHTS			BATTERY COMPARTMENT SIZE				
			16.5" 19.3"				
Total Weight	Without Battery	lb (kg)	8244 (3739)				
Fotal Weight	Without Battery	lb (kg)	8244 (3739) <b>RRE25</b> 0Н				
	Without Battery	lb (kg)					
	Without Battery	lb (kg)	RRE250H BATTERY COMPARTMENT SIZE				
			RRE250H BATTERY COMPARTMENT SIZE 16.5" 19.3"				
TIRES	Tire Type	Drive/Load	RRE250H BATTERY COMPARTMENT SIZE 16.5" 19.3" Cushion				
TIRES	Tire Type Wheels (x = driven)	Drive/Load Drive/Load	RRE250H BATTERY COMPARTMENT SIZE 16.5" 19.3"				
TIRES	Tire Type	Drive/Load Drive/Load Drive in (mm)	RRE250H BATTERY COMPARTMENT SIZE 16.5" 19.3" Cushion 1x/2				
<b>TIRES</b> Tires	Tire Type Wheels (x = driven)	Drive/Load Drive/Load Drive in (mm)	RRE250H BATTERY COMPARTMENT SIZE  16.5"  Cushion  1x/2  14.2 x 6.3 (360 x 160)				
<b>TIRES</b> Tires	Tire Type Wheels (x = driven)	Drive/Load Drive/Load Drive in (mm)	RRE250H BATTERY COMPARTMENT SIZE  16.5"  Cushion  1x/2  14.2 x 6.3 (360 x 160)  13.8 x 4.2 (350 x 106)				
<b>TIRES</b> Tires Brake Type	Tire Type Wheels (x = driven)	Drive/Load Drive/Load Drive in (mm)	RRE250H BATTERY COMPARTMENT SIZE  16.5"  Cushion  1x/2  14.2 x 6.3 (360 x 160)  13.8 x 4.2 (350 x 106)  Electric Disc  RRE250H				
f <b>ires</b> Tires Brake Type	Tire Type Wheels (x = driven)	Drive/Load Drive/Load Drive in (mm)	RRE250H BATTERY COMPARTMENT SIZE  16.5"  Cushion 1x/2  14.2 x 6.3 (360 x 160)  13.8 x 4.2 (350 x 106)  Electric Disc  RRE250H BATTERY COMPARTMENT SIZE				
TIRES Tires Brake Type POWER SYSTEM	Tire Type Wheels (x = driven)	Drive/Load Drive/Load Drive in (mm)	RRE250H BATTERY COMPARTMENT SIZE  16.5"  Cushion 1x/2  14.2 x 6.3 (360 x 160)  13.8 x 4.2 (350 x 106)  Electric Disc  RRE250H BATTERY COMPARTMENT SIZE  16.5"  19.3"				
TIRES Tires Brake Type POWER SYSTEM	Tire Type Wheels (x = driven)	Drive/Load Drive/Load Drive in (mm) Load in (mm)	RRE250H BATTERY COMPARTMENT SIZE  16.5"  Cushion  1x/2  14.2 x 6.3 (360 x 160)  13.8 x 4.2 (350 x 106)  Electric Disc  RRE250H BATTERY COMPARTMENT SIZE  16.5"  Lead Acid				
TIRES  Fires  Brake Type  POWER SYSTEM	Tire Type Wheels (x = driven) Size (dia. X width)	Drive/Load Drive/Load Drive in (mm)	RRE250H BATTERY COMPARTMENT SIZE  16.5"  Cushion  1x/2  14.2 x 6.3 (360 x 160)  13.8 x 4.2 (350 x 106)  Electric Disc  RRE250H BATTERY COMPARTMENT SIZE  16.5"  Lead Acid				
TIRES  Fires  Brake Type  POWER SYSTEM  Battery Type	Tire Type Wheels (x = driven)	Drive/Load Drive/Load Drive in (mm) Load in (mm)	RRE250H BATTERY COMPARTMENT SIZE  16.5"  Cushion  1x/2  14.2 x 6.3 (360 x 160)  13.8 x 4.2 (350 x 106)  Electric Disc  RRE250H BATTERY COMPARTMENT SIZE  16.5"  Lead Acid  16.5 (419)  19.3 (491)				
Fires Brake Type POWER SYSTEM Battery Type	Tire Type Wheels (x = driven) Size (dia. X width)	Drive/Load Drive/Load Drive in (mm) Load in (mm)  Length in (mm) Width in (mm)	RRE250H BATTERY COMPARTMENT SIZE  16.5"  Cushion  1x/2  14.2 x 8.3 (360 x 160)  13.8 x 4.2 (350 x 106)  Electric Disc  RRE250H BATTERY COMPARTMENT SIZE  16.5"  Lead Acid  16.5 (419)  47.7 (1212)				
TIRES  Fires  Brake Type  POWER SYSTEM  Battery Type	Tire Type Wheels (x = driven) Size (dia. X width)  Battery Dimensions Voltage/ Capacity	Drive/Load Drive/Load Drive in (mm) Load in (mm)  Length in (mm) Width in (mm) Height in (mm)	RRE250H BATTERY COMPARTMENT SIZE  16.5"  Cushion  1x/2  14.2 x 8.3 (360 x 160)  13.8 x 4.2 (350 x 106)  Electric Disc  RRE250H BATTERY COMPARTMENT SIZE  16.5"  19.3"  Lead Acid  16.5 (419)  47.7 (1212)  30.9 (784)				
TIRES  Fires  Brake Type  POWER SYSTEM  Battery Type	Tire Type Wheels (x = driven) Size (dia. X width)  Battery Dimensions	Drive/Load Drive/Load Drive in (mm) Load in (mm)  Length in (mm) Width in (mm) Height in (mm) Maximum V/Ah	RRE250H BATTERY COMPARTMENT SIZE  16.5"  Cushion 1x/2  14.2 x 6.3 (360 x 160)  13.8 x 4.2 (350 x 106)  Electric Disc  RRE250H BATTERY COMPARTMENT SIZE  16.5"  Lead Acid  16.5 (419)  47.7 (1212)  30.9 (784)  48 / 775  48 / 930				
Tires  Brake Type  POWER SYSTEM  Battery Type  Battery 6-hour ratings) <sup>2</sup>	Tire Type Wheels (x = driven) Size (dia. X width)  Battery Dimensions Voltage/ Capacity	Drive/Load Drive/Load Drive in (mm) Load in (mm)  Length in (mm) Width in (mm) Height in (mm) Maximum V/Ah Minimum lb (kg)	RRE250H BATTERY COMPARTMENT SIZE  16.5"  Cushion 1x/2  14.2 x 6.3 (360 x 160)  13.8 x 4.2 (350 x 106)  Electric Disc  RRE250H BATTERY COMPARTMENT SIZE  16.5"  19.3"  Lead Acid  16.5 (419)  19.3 (491)  47.7 (1212)  30.9 (784)  48 / 775  48 / 930 2326 (1055)  19.3"				
TIRES  Tires  Brake Type  POWER SYSTEM  Battery Type  Battery (6-hour ratings) <sup>2</sup>	Tire Type Wheels (x = driven) Size (dia. X width)  Battery Dimensions Voltage/ Capacity Weight	Drive/Load Drive/Load Drive in (mm) Load in (mm)  Length in (mm) Width in (mm) Height in (mm) Maximum V/Ah Minimum lb (kg) Maximum lb (kg)	RRE250H BATTERY COMPARTMENT SIZE  16.5"  Cushion 1x/2  14.2 x 6.3 (360 x 160) 13.8 x 4.2 (350 x 106) Electric Disc RRE250H BATTERY COMPARTMENT SIZE  16.5"  19.3"  Lead Acid  16.5 (419)  19.3 (491) 47.7 (1212) 30.9 (784) 48 / 775 48 / 930 2326 (1055) 2723 (1235)  19.3"				
TIRES  Tires  Brake Type  POWER SYSTEM  Battery Type  Battery (6-hour ratings) <sup>2</sup>	Tire Type Wheels (x = driven) Size (dia. X width)  Battery Dimensions Voltage/ Capacity Weight Drive	Drive/Load Drive/Load Drive in (mm) Load in (mm)  Length in (mm) Width in (mm) Height in (mm) Maximum V/Ah Minimum lb (kg) Maximum lb (kg) hp (kw)	RRE250H BATTERY COMPARTMENT SIZE  16.5"  Cushion 1x/2  14.2 x 6.3 (360 x 160) 13.8 x 4.2 (350 x 106) Electric Disc RRE250H BATTERY COMPARTMENT SIZE  16.5"  19.3"  Lead Acid  16.5 (419)  19.3 (491) 47.7 (1212) 30.9 (784) 48 / 775 48 / 930 2326 (1055) 2723 (1235) 14.1 (10.5)				
Total Weight  TIRES  Tires  Brake Type  POWER SYSTEM  Battery Type  Battery (G-hour ratings) <sup>2</sup> Electric Motors  Control Type	Tire Type Wheels (x = driven) Size (dia. X width)  Battery Dimensions Voltage/ Capacity Weight Drive Load Handling	Drive/Load Drive/Load Drive in (mm) Load in (mm)  Length in (mm) Width in (mm) Height in (mm) Maximum V/Ah Minimum lb (kg) Maximum lb (kg) hp (kw)	RRE250H BATTERY COMPARTMENT SIZE  16.5"  Cushion 1x/2  14.2 x 6.3 (360 x 160) 13.8 x 4.2 (350 x 106) Electric Disc RRE250H BATTERY COMPARTMENT SIZE  16.5"  Lead Acid  16.5 (419)  19.3 (491)  47.7 (1212) 30.9 (784)  48 / 775 48 / 930 2326 (1055) 2723 (1235)  14.1 (10.5) 20.1 (15)				

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

### **EXTERIOR DIMENSIONS**





### **MAST SPECIFICATIONS**

MAST TYPE		OVERA	LL HEIGHT	FREE LIFT	TILT RANGE	
	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
RRE140H						
	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	MAXIMUM FORK HEIGHT (TOP OF FORKS)		EXTENDED		TIEL RANGE		
		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	

		OVERA	LL HEIGHT	FREE LIFT	TU T 1	DANCE
	MAXIMUM FORK HEIGHT		EXTENDED		TILT RANGE	
MAST TYPE	(TOP OF FORKS)	LOWERED	WITH STANDARD LOAD BACKREST	WITH STANDARD LOAD BACKREST	FWD	BWD
	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg
RE180H						
	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

		OVERA	LL HEIGHT	FREE LIFT		24105
	MAXIMUM		EXTENDED  WITH STANDARD LOAD BACKREST		TILT RANGE	
MAST TYPE	FORK HEIGHT (TOP OF FORKS)	LOWERED		WITH STANDARD LOAD BACKREST	FWD	BWD
	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg
E200H						
	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
		OVERA	LL HEIGHT	FREE LIFT		
	MAXIMUM	UVENA	EXTENDED	PREE LIFT	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)	dea	dea

		OVERA	LL 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

NOTE: Height of standard load backrest is 39.4 in (1000 mm).



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