# STACKING TO NEW LEVELS

ZTATORA-MAX

## **EDUTORA-MAX**

**STRADDLE STACKER** 

# RAISING THE BAR

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With a lifting capacity of up to 4,000 lbs., the Tora-Max Straddle Stacker is the perfect lift to meet all your stacking needs. With a variety of mast height options, this versatile stacker allows you to reach new heights – no matter how high. Additionally, adjustable baselegs, also known as straddle legs, allow for load sizes between 38-50 inches, allowing you to maneuver a variety of pallet sizes with ease. Whether you're working with standard or unconventional loads, the Tora-Max Straddle Stacker provides the flexibility you need to reach new heights.

## SMOOTH STACKING

With an AC drive motor and regenerative braking, this stacker operates smoothly through a variety of applications. Enjoy effortless electric lift and lower functions at your fingertips and ergonomically angled hand grips for smooth operation and maneuverability when handling loads. Whether you're working in light-duty warehouses, manufacturing facilities, back-of-store retail, or anywhere in between, the Tora-Max Straddle Stacker is the reliable lift you can count on.

## ADVANTAGES OF THE TORA-MAX STRADDLE STACKER

- AC DRIVE MOTOR delivers smooth travel while maintaining quiet operation and low maintenance
- ELECTRIC LIFT / LOWER CONTROLS provide smooth control of forks and load while maintaining ergonomic operation
- MESH PROTECTION protects the operator during operation while removing the chance for reflection and scratches
- LCD BATTERY DISCHARGE INDICATOR WITH HOUR METER shows battery usage and truck information such as fault codes and working hours
- TRAVEL SPEED LIMITING SWITCH limits travel speed based on the elevated fork height
- ADJUSTABLE BASELEGS provide optimal stability for various load sizes

CAPACITY 3,500-4,000 LB	s.	drive motor		lift height 180 IN.
INDUSTRIES				
General Manufacturing	Beverage	Warehousing	Distrib	oution 📕 Retail

#### **STANDARD EQUIPMENT**

#### PERFORMANCE

- 24 Volt Electrical System
- AC Drive Motor
- Regenerative Braking
- Contactor-less Drive / Lift Control

#### **OPERABILITY & ERGONOMICS**

- Multifunction Control Handle with Ergonomically Angled Hand Grips
- Fingertip Control of All Functions
- Directional Thumb Wheels
- Pneumatic Cylinder Control Handle Return
- Parking Brake Electromagnetic Disc

#### **BODY / EXTERIOR DESIGN**

- Polyurethane Drive Tire
- Polyurethane Load Wheels
- On-Board Charger
- 24V Lead-Acid Battery
- Key-Lock Access

- Proportional Lift / Lower Control
- IP54 Rated Controller
- DC Lift Motor
- CAN-BUS Communication
- Turtle Speed Button
- Electric Lift and Lower
- LCD Battery Discharge Indicator with Hour Meter
- Built in USB-Connector for Charging
- 42" Forks
- Mesh Screen Protection
- Load Backrest
- Adjustable Baselegs

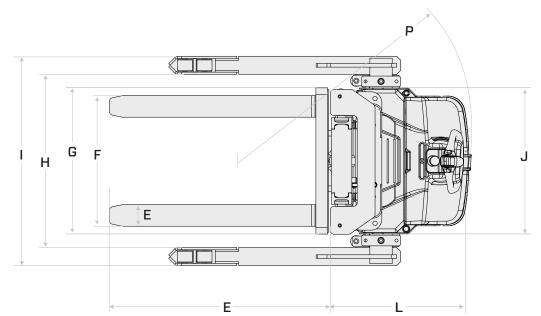
Please contact your local, authorized Toyota Dealer for a complete list of available options.

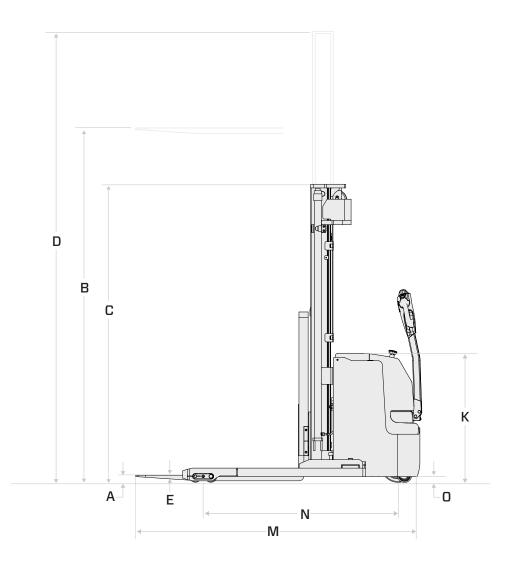
### **EXX TORA-MAX**

#### TORA-MAX 2TSB35-40

GENERAL DA	ENERAL DATA			2TSB35	2TSB40	
oad Capacity.	d Capacity		lb (kg)	3500 (1588) 4000 (18		
Power Type				Bat	tery	
Operator Posit	ion			Wa	lkie	
Tire Type Drive/Load			Polyurethane			
Wheels		Drive/Caster/Load		1 Drive / 2 Casters	s / 4 Load Wheels	
EXTERIOR D	IMENSIONS <sup>1</sup>			2TSB35	2TSB40	
A Fork Low	ered Height		in (mm)	2 (51)	2 (51)	
B Maximum	n Fork Height		in (mm)	207 (5280)	180 (4580)	
C Mast Low	/ered Height		in (mm)	83 (2108)	87.7 (2228)	
D Mast Exte	ended Height		in (mm)	200.3 (5088)	205 (5207)	
E Fork Size		T×W×L	in (mm)	1.6x4.7x45.3	[41x119x1150]	
F Fork Adju	istment		in (mm)	10-28.7 (254-729)		
G Fork Carr	iage Width		in (mm)	33.27	(845)	
H Baseleg I	nside Dimension	Minimum / Maximum	in (mm)	38 - 50 (966 - 1270)	35-50 (970-1270)	
l Baseleg (	Outside Dimension	Minimum / Maximum	in (mm)	46 - 58 (1169 - 1474)	46-58 (1170-1470)	
J Power Ur	nit Width		in (mm)	32.1	(816)	
K Power Ur	nit Height		in (mm)	56 (1	423]	
L Head Len	igth (Length to Fork	Face)	in (mm)	36.4 (925)	37 (940)	
M Truck Ler	ngth (Length to Tip c	f Forks)	in (mm)	81.7 (2075)	82.4 (2092)	
N Wheelbas	se		in (mm)	54.3 (	[1380]	
Undercle	arance		in (mm)	1.6 (	[40]	
P Turning R	ladius		in (mm)	61 (1	550)	
Basic Rig	Basic Right-Angle Stacking Aisle Width		in (mm)	96 (2439)	96.3 (2446)	
Gross We	Gross Weight without Battery		lb (kg)	3262.8 (1480)	3439.2 (1560)	
PERFORMAN	ICE DATA			2TSB35	2TSB40	
	Travel Max	Full Load	mph (km/h)	3.4 (5.4)	3.4[5.5]	
ITAVEI MAX		No Load	mph (km/h)	3.7 (6) 3.7 (6)		
peeds	Lifting	Full Load	fpm (mm/sec)	25.59 (130)		
,00000		No Load	fpm (mm/sec)	35.43 (180)		
	Lowering	Full Load	fpm (mm/sec)	39.37 (200)		
		No Load	fpm (mm/sec)	27.56		
radeability		Full Load	%	6	6	
,		No Load	%	12	10	
/eight Full Load		Front	lb (kg)	1823.2 (827)	1966.5 (892)	
'eight istribution		Rear	lb (kg)	4967 (2253)	5242.6 (2378)	
vith 507lb attery)	No Load	Front	lb (kg)	1904.8 (864)	2037 (924)	
		Rear	lb (kg)	1358 (616)	1402 (636)	
		Drive	in (mm)	8.27 × 2.95	5 (210 x 75)	
ires	Size	Load	in (mm)	3.94 x 1.57	[100 x 40]	
(dia. x width)	Casters	in (mm)	3.31 x 2.76 (84 x 70)			
Brake		1		Electric D	lisk Brake	
POWER SYST	ГЕМ			2TSB35	2TSB40	
Max. Voltage / Capacity		Max. Voltage / Capacity	V / Ah	24 / 270		
	Battery (6-hour ratings) Weight		lb (kg)	507 (230)		
Battery (6-hou				1.88 [1.4]		
-		Drive	hp [kW/h]	1.88	[1.4]	
Battery (6-hou Electric Motor	S	Drive Load Handling	hp [kW/h] hp [kW/h]	1.88		
-	S				(3.2)	
-	S	Load Handling		4.29	(3.2) ontrol	

#### **EXTERIOR DIMENSIONS**





#### **MAST SPECIFICATIONS & RATED CAPACITIES**

2TSB35	2TSB35							
	MAXIMUM FORK HEIGHT TYPE FORKS]	FREE LIFT HEIGHT	OVERALL HEIGHT		мілімим			
			LOWERED	EXTENDED MAST HEIGHT <sup>3</sup>	BASELEG INSIDE DIMENSION	LOAD CAPACITY AT MAX HEIGHT	TRUCK WEIGHT WITHOUT BATTERY'	
	in (mm)		in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	
TWO-	113.4 (2880)	55.5 (1410)	77 (1958)	133 (3380)	38(965)	3500 (1588)	2518 (1142)	
STAGE	125.2 (3180)	61.4 (1560)	83 (2108)	145 (3680)	38(965)	3500 (1588)	2551 (1157)	
FFL <sup>2</sup>	141 (3580)	69.3 (1760)	91 (2308)	161 (4080)	38(965)	3500 (1588)	2595 (1177)	
	156.7 (3980)	52 (1320)	75 (1908)	176 (4480)	38(965)	3300 (1496)	2859 (1297)	
THREE- STAGE FFL <sup>2</sup>	168.5 (4280)	56 (1420)	79 (2008)	188 (4780)	38(965)	3100 (1406)	2910 (1320)	
	180.3 (4580)	60 (1520)	83 (2108)	200 (5080)	38(965)	2900 (1315)	2961 (1343)	
	208 (5280)	69.1 (1756)	92.2 (2343)	228 (5780)	38(965)	2000 (907)	3012 (1366)	

2TSB40							
FO	махімим		OVERALL HEIGHT		мінімим		
	FORK HEIGHT (TOP OF FORKS)	FREE LIFT HEIGHT	LOWERED	EXTENDED MAST HEIGHT <sup>3</sup>	BASELEG INSIDE DIMENSION	LOAD CAPACITY AT MAX HEIGHT	TRUCK WEIGHT WITHOUT BATTERY'
	in (mm)		in (mm)	in (mm)	in (mm)	in (mm)	in (mm)
	105.5 (2680)	51.6 (1310)	78 (1978)	130 (3300)	38 (965	4000 (1814)	2820 (1279)
TWO-	113.4 (2880)	55.5 (1410)	82 (2078)	138 (3500)	38(965)	4000 (1814)	2897 (1314)
STAGE FFL <sup>2</sup>	125.2 (3180)	61.4 (1560)	87.7 (2228)	150 (3800)	38(965)	4000 (1814)	2974 (1349)
	141 (3580)	69.3 (1760)	95.6 (2428)	165 (4200)	38(965)	4000 (1814)	3060 (1388)
THREE- STAGE FFL <sup>2</sup>	156.7 (3980)	51.6 (1310)	78 (1978)	181 (4600)	38(965)	3500 (1588)	3102 (1407)
	168.5 (4280)	56 (1420)	83.8 (2128)	193 (4900)	38(965)	3100 (1406)	3179 (1442)
	180.3 (4580)	60 (1520)	87.7 (2228)	205 (5200)	38(965)	2900 (1315)	3265 (1481)

MODEL				
BASELEG OUTER DIMENSION				
in (mm)				
1170				
1270				
1370				
1470				

Note: Add a minimum of 10" to 12" for maneuverability.

1 Estimated Weight

Full Free Lift
With Standard Load Backrest

# ZOTORA-MAX

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Some product features described herein are optional. Please consult your dealer for specifications. Details of specifications and equipment are based on information available at time of printing and may change without notice.