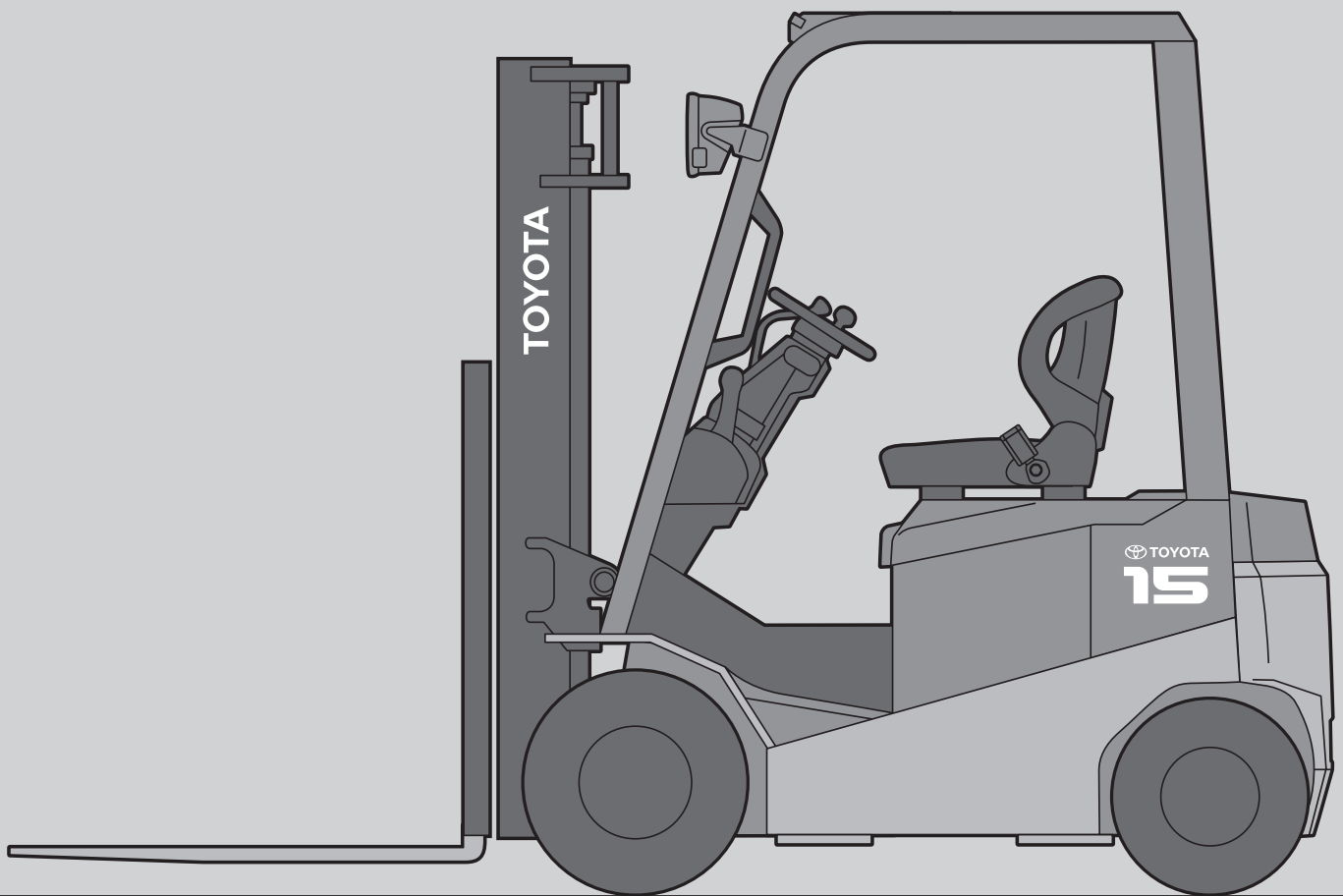


ELECTRIC POWERED FORKLIFT

8FBN 1.5 to 3.0 Ton
Series



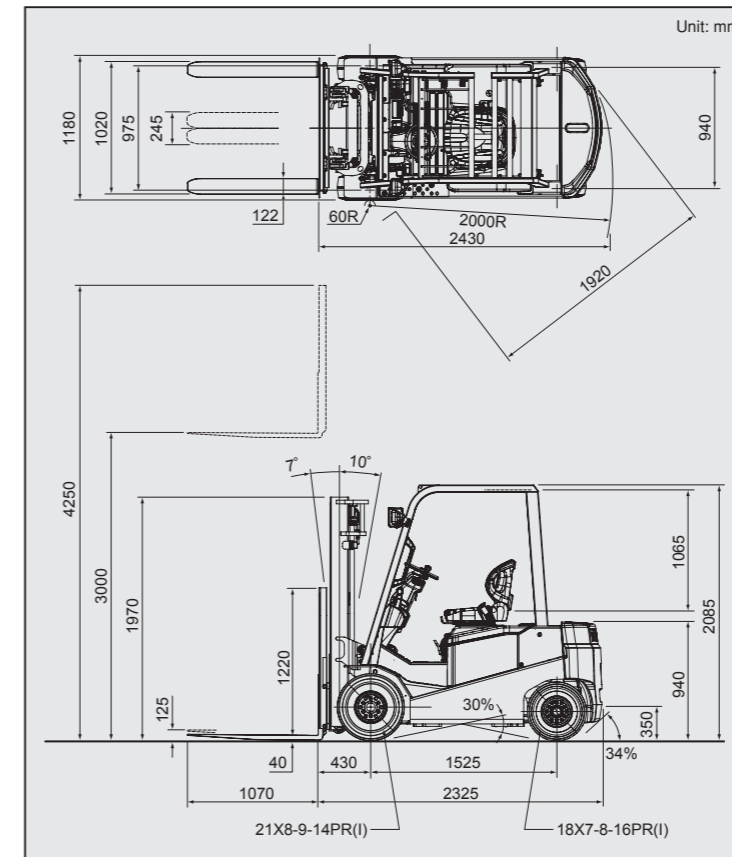
 **TOYOTA**

MAIN VEHICLE SPECIFICATIONS

Characteristics		TOYOTA				
1	Manufacturer			1		
2	Model		8FBN25	2		
3	Load Capacity	kg	2500	3		
4	Load Center	mm	500	4		
5	Power Type		Battery	5		
6	Operator Position		Rider Seated	6		
7	Tire Type	Front/Rear	Pneumatic	7		
8	Wheels (x = driven)	Front/Rear	2x/2	8		
9	Maximum Fork Height (MFH)	mm	3000	9		
10	Free Lift	mm	125	10		
13	Fork Size	T x W x L	40x122x1070	13		
	Fork Spread (Outside)	MAX./MIN.	1020/245			
14	Tilt Range	FWD/BWD	7/10	14		
15	Length to Fork Face	mm	2325	15		
16	Overall Width	mm	1180	16		
17	Mast Lowered Height	mm	1970	17		
18	Mast Extended Height	mm	4250	18		
19	Overhead Guard Height	mm	2085	19		
21	Turning Radius (Outside)	mm	2000	21		
22	Load Distance (Centerline of front axle to front face of forks)	mm	430	22		
	Rear Overhang	mm	370			
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)	mm	2430	23		
24	Speeds	Travel, Max. (FWD/RVS)	Full Load	km/h	14.0	24
			No Load	km/h	16.0	
		Lifting	Full Load	mm/sec	340	25
			No Load	mm/sec	600	
		Lowering	Full Load	mm/sec	500	26
			No Load	mm/sec	500	
27	Drawbar Pull*	Full Load/No Load	3-Minute Ratings	N	10000/8900	27
			5-Minute Ratings	N	10000/8900	
			60-Minute Ratings	N	4500/4800	
29	Gradeability*	Full Load/No Load	3-Minute Ratings	% (tanθ)	16.0/20.0	29
			5-Minute Ratings	% (tanθ)	16.0/20.0	
			30-Minute Ratings	% (tanθ)	12.0/20.0	
32	Total Weight	Without Battery		kg	3080	32
				kg	5680	
33	Weight Distribution (With Min. Battery)	Full Load	Front	kg	730	33
			Rear	kg	1650	
34		No Load	Front	kg	2260	34
			Rear	kg		
35	Number	Front/Rear		2/2	35	
36	Tires	Front		21x8-9-14PR (I)	36	
37	Size	Rear		18x7-8-16PR (I)	37	
38	Wheelbase		mm	1525	38	
39	Tread	Front	mm	975	39	
		Rear	mm	940		
	Backrest Height		mm	1220		
	Overhead Guard Clearance		mm	1065		
	Counterweight Height		mm	940		
	Drawbar Pin Center Height		mm	350		
	Step Height/Floor Height		mm	465/615		
40	Underclearance (Full load)	Min. <Mast>	mm	75	40	
41	Grade Clearance	Center of Wheelbase	mm	110	41	
		Frame/Counterweight	% (tanθ)	30/34		
42	Brake	Service (Foot)		Hydraulic	42	
43		Parking		Hand	43	
45	Battery	Voltage/Capacity (5-hour ratings)	Min.	V/AH	48/565	45
			High	V/AH	48/725	
46		Weight (Min. Capacity Type)	kg	830	46	
47	Electric Motors	Drive	kW	10.7	47	
48		Load Handling/Power Steering	kW	12.2	48	
54	Control Type	Drive		AC inverter	54	
		Load Handling/Power Steering		AC inverter		
57	Operating Pressure	For Attachments	Mpa	15.7	57	

NOTE: * Computed values.

DIMENSIONAL DRAWINGS



UNDERCLEARANCE mm

Mast (Full Load)	75
Drive Axle (Full Load)	85
Steer Axle (No Load)	115
Center of Wheelbase (Full Load)	110
Counterweight (No Load)	120

RATED CAPACITIES

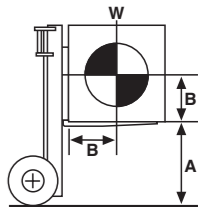
Unit: kg (W)

V Mast (PN or PSC)

A (mm)	3000	3500	4000	4500	5000
500	2500	2500	2500	2300	1800
600	2250	2250	2250	2070	1620
700	2050	2050	2050	1890	1480
800	1890	1890	1890	1730	1360
900	1740	1740	1740	1600	1250
1000	1620	1620	1620	1490	1170
1100	1520	1520	1520	1390	1090
1200	1420	1420	1420	1310	1020

FV Mast (PN or PSC)

A (mm)	3000	3500	4000
500	2500	2500	2500
600	2250	2250	2250
700	2050	2050	2050
800	1890	1890	1890
900	1740	1740	1740
1000	1620	1620	1620
1100	1520	1520	1520
1200	1420	1420	1420



A: Max. Fork Height
B: Load Center
W: Capacity

FSV Mast (PN or PSC)

A (mm)	4300	4500	4700	5000	5500	6000
500	2300	2050	2050	1650	1250	1000
600	2080	1850	1850	1490	1130	900
700	1900	1690	1690	1360	1030	820
800	1750	1560	1560	1250	950	760
900	1620	1440	1440	1160	880	700
1000	1510	1340	1340	1080	820	650
1100	1410	1260	1260	1010	760	610
1200	1320	1180	1180	950	720	570

SPECIAL TREAD

Front Tire (PN or PSC)	Single PSC	Single PSC
Front Tire Size	21 x 8-9	23 x 9-10
Overall Width mm	1180	1220
Tread, Front mm	980	990

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Maximum Fork Height	Overall Height		Free Lift		Single Tire				
		*Lowered	Extended		Without Load Backrest	With Standard Load Backrest	Tilt Range		Load Capacity at 500 mm LC	
			Without Load Backrest	With Standard Load Backrest			FWD	BWD	Pneumatic Tire	Pneumatic-Shaped Cushion Tire
Wide Visible Mast (V)	3000	1970	3705	4250	125	125	7	10	2500	2500
	3500	2220	4205	4750	125	125	7	10	2500	2500
	4000	2570	4705	5250	125	125	7	5	2500	2500
	4500	2820	5205	5750	125	125	7	5	2300	2300
Wide Visible Full-Free Lift Two-Stage Mast (FV)	3000	1970	3640	4250	*1365	*760	7	10	2500	2500
	3500	2220	4140	4750	*1615	*1010	7	10	2500	2500
	4000	2570	4640	5250	*1965	*1360	7	5	2500	2500
	4300	1970	4980	5550	*1325	*760	7	5	2300	2300
Wide Visible Full-Free Lift Three-Stage Mast (FSV)	4500	2040	5180	5750	*1395	*830	7	5	2050	2050
	4700	2120	5380	5950	*1475	*910	7	5	2050	2050
	5000	2220	5680	6250	*1575	*1010	7	5	1650	1650
	5500	2380	6180	6750	*1735	*1170	7	5	1250	1250
6000	2570	6680	7250	*1925	*1360	7	5	1000	1000	

NOTE: Standard load backrest height is 1220 mm.
* With optional tire size; 23x9-10-16PR (I), plus 30 mm.