

8FGK25

8FDK25

MAIN VEHICLE SPECIFICATIONS

1	Manufacturer				TOYOTA	TOYOTA
2	Model				32-8FGK25	62-8FDK25
3	Load Capacity			kg	2500	2500
4	Load Center			mm	500	500
5	Power Type				Gasoline	Diesel
6	Operator Position				Rider Seated	Rider Seated
7	Tire Type			Front/Rear	Pneumatic	Pneumatic
8	Wheels (x = driven)			Front/Rear	2x/2	2x/2
9	Maximum Fork Height (MFH)			mm	3000	3000
10	Free Lift			mm	130	130
13	Fork Size			T x W x L	42x120x1070	42x120x1070
	Fork Spread (Outside)			MAX./MIN.	1020/240	1020/240
14	Tilt Range			FWD/BWD	deg	7/10
15	Length to Fork Face				mm	2445
16	Overall Width				mm	1155
17	Mast Lowered Height				mm	1975
18	Mast Extended Height				mm	3920
19	Overhead Guard Height				mm	2085
21	Turning Radius (Outside)				mm	2090
22	Load Distance (Centerline of front axle to front face of forks)				mm	450
	Rear Overhang				mm	510
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)				mm	2540
24	Speeds	Travel, Max. (FWD/RVS)	Full Load	km/h	17.0/17.0	17.0/17.0
			No Load	km/h	17.5/17.5	17.5/17.5
25	Lifting		Full Load	mm/sec	600	580
			No Load	mm/sec	640	600
26	Lowering		Full Load	mm/sec	500	500
			No Load	mm/sec	500	500
28	Max. Drawbar Pull		Full Load	N (kg)	18800 (1920)	19500 (1990)
			No Load	N (kg)	6800 (690)	7300 (740)
	Max. Drawbar Pull at 1.5km/h *		Full Load	N (kg)	17200 (1750)	17500 (1780)
29	Gradeability at 1.5 km/h *		Full Load	% (tanθ)	29	28
30	Max. Gradeability *		Full Load	% (tanθ)	32	32
			No Load	% (tanθ)	16	16
32	Total Weight			kg	3590	3650
33	Weight Distribution	Full Load	Front	kg	5250	5240
			Rear	kg	840	910
34		No Load	Front	kg	1110	1100
			Rear	kg	2480	2550
35	Tires			Number	Front/Rear	2/2
36	Size	Front			21x8-9-14PR (I)	21x8-9-14PR (I)
37			Rear			18x7-8-10PR (I)
38	Wheelbase			mm	1485	1485
39	Tread			Front	mm	960
				Rear	mm	940
	Backrest Height				mm	1220
	Overhead Guard Clearance				mm	1055
	Counterweight Height				mm	1215
	Drawbar Pin Center Height				mm	285
	Step Height/Floor Height				mm	380/615
40	Underclearance	Min. with Load		mm	95	95
41			Center of Wheelbase		mm	120
	Grade Clearance	Frame/Counterweight		% (tanθ)	40/35	40/35
42	Brake	Service (Foot)			Hydraulic	Hydraulic
43			Parking			Foot
45	Battery			V/AH	12/27	12/55
49	Make/Model				TOYOTA/4Y	TOYOTA/1DZ-II
50	Rated Horsepower/r.p.m.			kW (JIS ps)	40/2400 (54/2400)	40/2400 (54/2400)
51	Rated Torque/r.p.m.			N-m (JIS kg-m)	161/1800 (16.4/1800)	166/1600 (16.9/1600)
52	Number of Cylinder				4	4
	Piston Displacement			cc	2237	2486
	Fuel Tank Capacity			liter	55	55
55	Transmission	Type			Powershift	Powershift
			Stage	FWD/RVS		
57	Operating Pressure	For Attachments		Mpa (kg/cm ²) <psi>	14.7 (150) <2100>	14.7 (150) <2100>

NOTE: * Computed values.

RATED CAPACITIES

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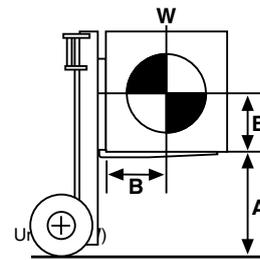
Unit: kg (W)

V, FV Mast (PN)

A (mm)	4000	4500	5000	
500	2500	2150	1700	
600	2260	1940	1530	
700	2060	1770	1400	
B (mm)	800	1900	1630	1290
	900	1750	1510	1190
	1000	1630	1400	1110
	1100	1530	1310	1040
	1200	1430	1230	970

V, FV Mast (PSC)

A (mm)	4000	4500	5000	
500	2500	2300	1850	
600	2260	2080	1670	
700	2060	1900	1520	
B (mm)	800	1900	1740	1400
	900	1750	1610	1300
	1000	1630	1500	1210
	1100	1530	1400	1130
	1200	1430	1320	1060



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

FSV Mast (PN)

A (mm)	4000	4300	4500	4700	5000	5500	6000	
500	2500	2300	2000	2000	1500	1250	850	
600	2260	2080	1810	1810	1350	1130	770	
700	2070	1900	1650	1650	1240	1030	700	
B (mm)	800	1900	1750	1520	1520	1140	950	640
	900	1770	1620	1410	1410	1060	880	600
	1000	1640	1510	1310	1310	980	820	560
	1100	1540	1420	1230	1230	920	770	520
	1200	1450	1330	1160	1160	870	720	490

FSV Mast (PSC)

A (mm)	4000	4300	4500	4700	5000	5500	6000	
500	2500	2450	2150	2150	1650	1400	1000	
600	2260	2220	1940	1940	1490	1260	900	
700	2070	2030	1780	1780	1360	1160	820	
B (mm)	800	1900	1870	1640	1640	1260	1060	760
	900	1770	1730	1520	1520	1160	990	700
	1000	1640	1610	1410	1410	1080	920	650
	1100	1540	1510	1320	1320	1010	860	610
	1200	1450	1420	1240	1240	950	810	580

MAST SPECIFICATIONS & RATED CAPACITIES

Wide Visible Mast (V), Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

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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	
											mm
V	2700	1825	3365	3920	125	125	7	10	2500	2500	
	3000	1975	3665	4220	125	125	7	10	2500	2500	
	3300	2125	3965	4520	125	125	7	10	2500	2500	
	3500	2225	4165	4720	125	125	7	10	2500	2500	
	3700	2385	4365	4920	125	125	7	10	2500	2500	
	4000	2575	4665	5220	125	125	7	5	2500	2500	
	4500	2825	5165	5720	125	125	7	5	2150	2300	
5000	3075	5665	6220	125	125	7	5	1700	1850		
FV	3000	1975	3560	4165	1370	765	7	10	2500	2500	
	3300	2125	3860	4425	1520	955	7	10	2500	2500	
	3500	2225	4060	4625	1620	1055	7	10	2500	2500	
	3700	2385	4260	4825	1780	1215	7	10	2500	2500	
	4000	2575	4560	5125	1970	1405	7	5	2500	2500	
FSV	3700	1775	4345	4910	1130	565	7	5	2500	2500	
	4000	1875	4645	5210	1230	665	7	5	2500	2500	
	4300	1975	4945	5510	1330	765	7	5	2300	2450	
	4500	2045	5145	5710	1400	835	7	5	2000	2150	
	4700	2125	5345	5910	1480	915	7	5	2000	2150	
	5000	2225	5645	6210	1580	1015	7	5	1500	1650	
	5500	2385	6145	6710	1740	1175	7	5	1250	1400	
	6000	2575	6645	7210	1930	1365	7	5	850	1000	

NOTE: Height of standard load backrest is 1220 mm.