

7FB25

MAIN VEHICLE SPECIFICATIONS

1	Manufacturer				TOYOTA	TOYOTA	TOYOTA
2	Model				7FB25	7FBH25	40-7FB25
3	Load Capacity			kg	2500	2500	2500
4	Load Center			mm	500	500	500
5	Power Type				Battery	Battery	Battery
6	Operator Position				Rider Seated	Rider Seated	Rider Seated
7	Tire Type			Front/Rear	Pneumatic	Pneumatic	Pneumatic
8	Wheels (x = driven)			Front/Rear	2x/2	2x/2	2x/2
9	Maximum Fork Height (MFH)			mm	3000	3000	3000
10	Free Lift			mm	130	130	155
13	Fork Size			T x W x L	mm	42x120x1070	42x120x1070
	Fork Spread (Outside)			MAX./MIN.	mm	1020/240	1020/240
14	Tilt Range			FWD/BWD	deg	7/11	7/11
15	Length to Fork Face				mm	2290	2435
16	Overall Width				mm	1160	1230
17	Mast Lowered Height				mm	1975	1995
18	Mast Extended Height				mm	4220	4220
19	Overhead Guard Height				mm	2025	2160
21	Turning Radius (Outside)				mm	2000	2170
22	Load Distance (Centerline of front axle to front face of forks)			mm	435	435	475
	Rear Overhang			mm	355	355	310
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)			mm	2430	2430	2640
24	Travel, Max. (FWD/RVS)	Full Load	km/h	14/14	14/14	14.5/14.5	
			No Load	km/h	16/16	16/16	15.5/15.5
25	Speeds	Lifting	Full Load	mm/sec	340	340	
			No Load	mm/sec	600	600	600
26	Lowering	Full Load	mm/sec	500	500	500	
			No Load	mm/sec	500	500	500
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N	10000/8920	10000/8920	
			5-Minute Ratings	N	10000/8920	10000/8920	11470/11380
			60-Minute Ratings	N	4510/4810	4510/4810	5200/5300
29	Gradeability *	Full Load/ No Load	3-Minute Ratings	% (tanθ)	16/20	16/23	
			5-Minute Ratings	% (tanθ)	16/20	16/23	
			30-Minute Ratings	% (tanθ)	12/20	12/20	13/20
32	Total Weight	Without Battery		kg	3105	3085	
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	5700	5800	
			Rear	kg	765	845	
34	No Load		Front	kg	1650	1750	
			Rear	kg	2315	2395	
35	Number	Front/Rear			2/2	2/2	
36	Tires	Size		Front	21x8-9-14PR (I)	21x8-9-14PR (I)	
37				Rear	18x7-8-14PR (I)	18x7-8-14PR (I)	
38	Wheelbase			mm	1500	1500	
39	Tread	Front	mm	970	970	960	
			Rear	mm	940	940	
	Backrest Height			mm	1220	1220	
	Overhead Guard Clearance			mm	1035	1035	
	Counterweight Height			mm	1125	1195	
	Drawbar Pin Center Height			mm	280	280	
	Step Height (Left-Right)/Floor Height			mm	(435-465)/620	(435-465)/700	
40	Underclearance	Min. <Mast>		mm	65	65	
41	(Full Load)	Center of Wheelbase		mm	85	85	
	Grade Clearance	Frame/Counterweight		% (tanθ)	25/49	25/49	
42	Brake	Service (Foot)			Hydraulic	Hydraulic	
43		Parking			Hand	Hand	
45	Battery	Voltage/Capacity (5-hour rating)	STD	V/AH	48/565	48/730	
			High	V/AH	48/600	—	
46	Weight (STD Capacity Type)			kg	860	1060	
47	Drive			kW	10.7	10.7	
48	Electric Motors	Load Handling		kW	12.2	12.2	
		Power Steering [] w/o SAS**		kW	1.0 [0.9]	1.0 [0.9]	
54	Control Type	Drive			Transistor inverter	Transistor inverter	
		Load Handling			Transistor inverter	Transistor inverter	
		Power Steering			Transistor chopper	Transistor chopper	
57	Operating Pressure	For Attachments		Mpa (psi)	14.7 (2100)	14.7 (2100)	

NOTE: * Computed values.
** System of active stability.