

Truck specifications					7FBMF30	7FBMF30-S	7FBMF35	
Identification	1.1	Manufacturer			Toyota	Toyota	Toyota	
	1.2	Model			7FBMF30	7FBMF30-S	7FBMF35	
	1.3	Drive			Electric	Electric	Electric	
	1.4	Operator type			Rider seated	Rider seated	Rider seated	
	1.5	Load capacity/rated load	Q	kg	3000	3000	3500	
	1.6	Load centre	c	mm	500	500	500	
	1.8	Load distance, centre of drive axle to fork	x	mm	460	460	495	
	1.9	Wheelbase	y	mm	1725	1725	1725	
	Weight	2.1	Service weight			5001	5001	5651
2.2		Axle load, with load, front/rear			7200/870	7200/870	8130/1090	
2.3		Axle load, without load, front/rear			2530/2540	2530/2540	2620/3100	
Tyres	3.1	Tyre - pneumatic (P), pneumatic shaped cushion (SE), solid rubber (R)			SE	SE	SE	
	3.2	Tyre size, front			23x10-12	23x10-12	23x10-12	
	3.3	Tyre size, rear			18x7-8	18x7-8	18x7-8	
	3.5	Wheels, number front/rear (x=driven wheels)			2x/2	2x/2	2x/2	
	3.6	Track width, front	b ₁₀	mm	970	970	970	
	3.7	Track width, rear	b ₁₁	mm	940	940	940	
	Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β	deg	6/10	6/10	6/10
4.2		Height, mast lowered	h ₁	mm	2130	2130	2300	
4.3		Free lift	h ₂	mm	135	135	135	
4.4		Lift	h ₃	mm	3255	3255	3255	
		Lift height	h ₂₃	mm	3300	3300	3300	
4.5		Height, mast extended	h ₄	mm	4520	4520	4520	
4.7		Height of overhead guard (cab)	h ₆	mm	2215	2215	2215	
4.8		Seat height	h ₇	mm	1130	1130	1130	
4.12		Coupling height	h ₁₀	mm	355	355	355	
4.19		Overall length	l ₁	mm	3540	3540	3630	
4.20		Length to face of forks	l ₂	mm	2540	2540	2630	
4.21		Overall width	b ₁	mm	1220	1220	1220	
4.22		Fork dimensions	s/e/l	mm	45/100/1000	45/100/1000	45/125/1000	
4.23		Fork carriage DIN 15 173, class/type A, B			IIIA	IIIA	IIIA	
4.24		Fork-carriage width	b ₃	mm	1070	1070	1070	
4.31		Ground clearance, with load, below mast	m ₁	mm	95	95	145	
4.32		Ground clearance, centre of wheelbase	m ₂	mm	105	105	105	
4.33		Aisle width for pallets 1000 x 1200 crossways	A _{st}	mm	3820	3820	3910	
4.34	Aisle width for pallets 800 x 1200 lengthways	A _{st}	mm	4020	4020	4110		
4.35	Turning radius	W _a	mm	2160	2160	2215		
4.36	Internal turning radius	b ₁₃	mm	680	680	680		
Performance data	5.1	Travel speed, with/without load		km/h	15,0/16,0	20,0/21,0	14,0/16,0	
	5.2	Lift speed, with/without load		m/s	0,44/0,55	0,44/0,55	0,37/0,47	
	5.3	Lowering speed, with/without load		m/s	0,50/0,45	0,50/0,45	0,50/0,45	
	5.5	Drawbar pull, with/without load		N	9900/10200	5720/6150	9600/10100	
	5.6	Max. drawbar pull, with/without load		N	14100/14100	13300/13400	13600/14000	
	5.7	Gradeability, with/without load		%	18/29	12/20	15/25	
	5.8	Max. gradeability, with/without load		%	18/29	17/28	15/26	
	5.10	Service brake			Hydraulic	Hydraulic	Hydraulic	
	Motor	6.1	Drive motor rating S2 60 min		kW	17,1	17,1	17,1
		6.2	Lift motor rating S3 15%		kW	18,6	18,6	18,6
6.3		Battery acc. to DIN 43 531/35/36 A, B, C, no			43 536A	43 536A	43 536A	
6.4		Battery voltage, nominal capacity K5		V/Ah	80/600	80/600	80/600	
6.5		Battery weight		kg	1721	1721	1721	
Others	8.1	Type of drive control			Transistor inverter	Transistor inverter	Transistor inverter	
	8.2	Operating pressure for attachments		bar	185	185	185	
	8.3	Oil volume for attachments		l/min	43	43	43	
	8.4	Sound level at the driver's ear according to EN 12 053		dB(A)	71	71	71	

Performance data and dimensions are nominal and subject to tolerances.

Specifications are subject to change without notice.

Please obtain the latest specifications before contracting products.

Model			V								FV					FSV							
7FBMF30	Lift height	h_{23}	3000	3300	3500	3700	4000	4500	5000	3000	3300	3500	3700	4000	3700	4000	4300	4700	5000	5500	6000	6500	
	Lift	h_3	2955	3255	3455	3655	3955	4455	4955	2955	3255	3455	3655	3955	3655	3955	4255	4655	4955	5455	5955	6455	
	Height, mast lowered	h_1	1980	2130	2230	2390	2580	2830	3080	1980	2130	2230	2390	2580	1880	1980	2130	2230	2390	2580	2830	3080	
	Height, mast extended ¹⁾	h_4	3675	3975	4175	4375	4675	5175	5675	3570	3870	4070	4270	4570	4270	4570	4870	5270	5570	6070	6570	6820	
	Height, mast extended ²⁾	h_4	4220	4520	4720	4920	5220	5720	6220	4220	4520	4720	4920	5220	4920	5220	5520	5920	6200	6720	7220	7470	
	Free lift, without load backrest	h_2	135	135	135	135	135	135	135	1410	1560	1660	1820	2010	1300	1400	1550	1650	1810	2000	2250	2500	
	Free lift, with load backrest	h_2	135	135	135	135	135	135	135	[1095]	[1245]	[1345]	[1505]	[1695]	[1095]	[1195]	[1345]	[1445]	[1605]	[1795]	[2045]	[2295]	
			765	915	1015	1175	1365	665	765	915	1015	1175	1365	665	765	915	1015	1175	1365	1615	1865		

Model			V								FSV							
7FBMF35	Lift height	h_{23}	3000	3300	3500	3700	4000	4500	5000	3700	4000	4300	4700	5000	5500	6000	6500	
	Lift	h_3	2955	3255	3455	3655	3955	4455	4955	3655	3955	4255	4655	4955	5455	5955	6455	
	Height, mast lowered	h_1	2120	2300	2400	2500	2750	3000	3250	2030	2180	2235	2440	2630	2880	3130	3380	
	Height, mast extended ¹⁾	h_4	3865	4165	4365	4565	4865	5365	5865	4425	4725	5025	5425	5725	6225	6725	6975	
	Height, mast extended ²⁾	h_4	4220	4520	4720	4920	5220	5720	6220	4920	5220	5520	5920	6220	6720	7220	7470	
	Free lift, without load backrest	h_2	135	135	135	135	135	135	135	1300	1450	1510	1715	1905	2155	2405	2655	
	Free lift, with load backrest	h_2	135	145	135	135	135	135	135	815	965	1020	1225	1415	1665	1915	2165	

1) Without load backrest.

2) With load backrest; Height of standard load backrest is 1220 mm.

Data in [] are for when "A4 piping" is selected.

Single Tyre (STD Tread)			V								FV					FSV							
7FBMF30	Tilt range, forward	deg	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	Tilt range, backward	deg	10(6)	10(6)	10(6)	10(6)	10(6)	6	6	10(6)	10(6)	10(6)	10(6)	10(6)	6	6	6	6	6	6	6	6	
	Load capacity at 500 mm LC	kg	3000	3000	3000	3000	3000	3000	2960	3000	3000	3000	3000	3000	3000	3000	3000	2930	2880	2670	2160	1800	
7FBMF35	Tilt range, forward	deg	6	6	6	6	6	6	6	—	—	—	—	—	6	6	6	6	6	6	6	6	
	Tilt range, backward	deg	10(6)	10(6)	10(6)	10(6)	10(6)	6	6	—	—	—	—	—	6	6	6	6	6	6	6	6	
	Load capacity at 500 mm LC	kg	3500	3500	3500	3500	3500	3500	3310	—	—	—	—	—	3500	3500	3500	3500	3440	3320	2790	2250	

Single Tyre (Wide Tread)			V								FV					FSV							
7FBMF30	Tilt range, forward	deg	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	Tilt range, backward	deg	10(6)	10(6)	10(6)	10(6)	10(6)	6	6	10(6)	10(6)	10(6)	10(6)	10(6)	6	6	6	6	6	6	6	6	
	Load capacity at 500 mm LC	kg	3000	3000	3000	3000	3000	3000	2960	3000	3000	3000	3000	3000	3000	3000	3000	2930	2880	2780	2630	2250	
7FBMF35	Tilt range, forward	deg	6	6	6	6	6	6	6	—	—	—	—	—	6	6	6	6	6	6	6	6	
	Tilt range, backward	deg	10(6)	10(6)	10(6)	10(6)	10(6)	6	6	—	—	—	—	—	6	6	6	6	6	6	6	6	
	Load capacity at 500 mm LC	kg	3500	3500	3500	3500	3500	3500	3500	—	—	—	—	—	3500	3500	3500	3500	3500	3400	3220	2400	

Data in () are for when "Cabin Series" is selected (minimum front windshield).

