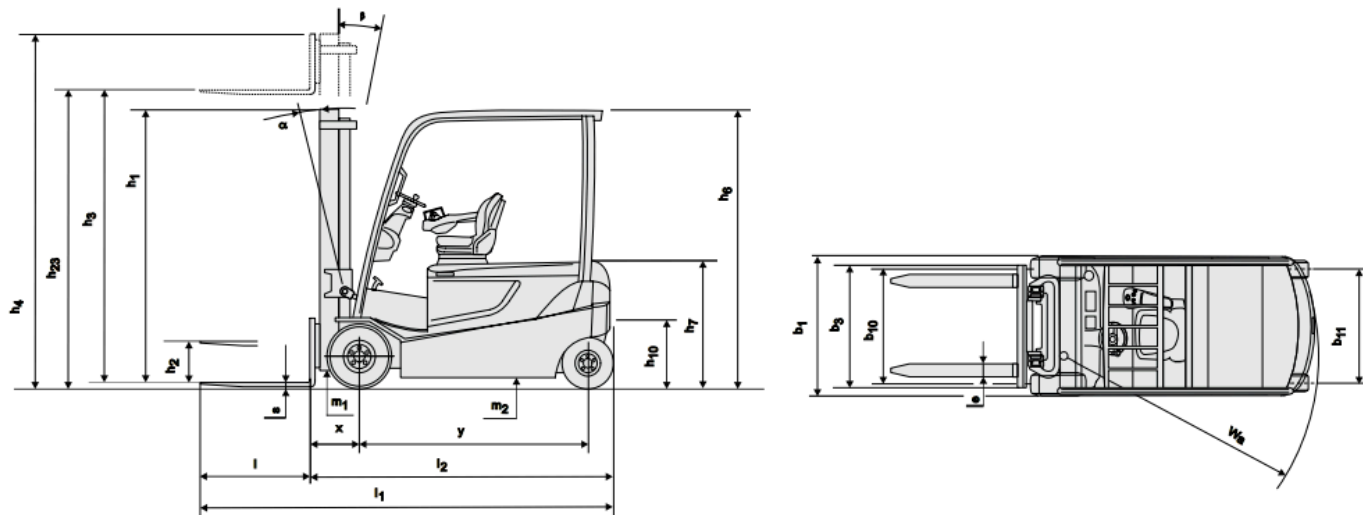


TOYOTA

8 FBMT 30

TECHNICAL DATA



Specifications					8FBMT30
Identification	1.1	Manufacturer			Toyota
	1.2	Model			8FBMT30
	1.3	Drive			Electric
	1.4	Operator type			Rider seated
	1.5	Load capacity/rated load	Q	kg	3000
	1.6	Load centre	c	mm	500
	1.8	Load distance, centre of drive axle to fork	x	mm	440
	1.9	Wheelbase	y	mm	1720
Weight	2.1	Service weight		kg	5161
	2.2	Axle load, with load, front/rear		kg	7280/881
	2.3	Axle load, without load, front/rear		kg	2638/2524
Tyres	3.1	Tyre: C=Cushion, SE=Super elastic, PN=Pneumatic, TW=Twin			SE
	3.2	Tyre size, front			23x10 - 12
	3.3	Tyre size, rear			18x7 - 8
	3.5	Wheels, number front/rear (x = driven wheels)			2x/2
	3.6	Track width, front	b ₁₀	mm	946
	3.7	Track width, rear	b ₁₁	mm	940

Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β	deg	5/8
	4.2	Height, mast lowered	h_1	mm	2395
	4.3	Free lift	h_2	mm	125
	4.4	Lift	h_3	mm	3300
		Lift height	h_{23}	mm	3345
	4.5	Height, mast extended	h_4	mm	4045
	4.7	Height of overhead guard (cab)	h_6	mm	2215
	4.8	Seat height/stand height	h_7	mm	1143
	4.12	Coupling height	h_{10}	mm	500
	4.19	Overall length	l_1	mm	3449
	4.20	Length to face of forks	l_2	mm	2449
	4.21	Overall width	b_1	mm	1195
	4.22	Fork dimensions	s/e/l	mm	45/100/1000
	4.23	Fork carriage DIN 15 173, class/type A, B			IIIA
	4.24	Fork-carriage width	b_3	mm	1070
	4.31	Ground clearance, with load, below mast	m_1	mm	95
	4.32	Ground clearance, centre of wheelbase	m_2	mm	115
	4.33	Aisle width for pallets 1000x1200 crossways	A_{st}	mm	3779
	4.34	Aisle width for pallets 800x1200 lengthways	A_{st}	mm	3978
	4.35	Turning radius	W_a	mm	2138
	4.36	Internal turning radius	b_{13}	mm	532
Performance data	5.1	Travel speed, with/without load		km/h	19/20
	5.2	Lift speed, with/without load		m/s	0,40/0,55
	5.3	Lowering speed, with/without load		m/s	0,56/0,45
	5.5	Drawbar pull, with/without load		N	8900
	5.6	Max. drawbar pull, with/without load		N	19000
	5.7	Gradeability, with/without load		%	13/23
	5.8	Max. gradeability, with/without load		%	22/29
	5.9	Acceleration time, with/without load		s	4,8/4,2
	5.10	Service brake			Mechanical/hydraulic
Electric motor	6.1	Drive motor rating S2 60 min		kW	20
	6.2	Lift motor rating S3 15%		kW	25,5
	6.3	Battery according to DIN 43 531/35/36 A, B, C, no			43536 A
	6.4	Battery voltage, nominal capacity K_5		V/Ah	80/700
	6.5	Battery weight		kg	1863

