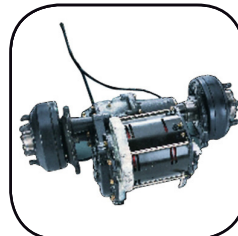


Electric Powered Forklift 1.5 - 1.75 ton

7FBCU



TOYOTA

MATERIAL HANDLING

stronger together

Electric Powered Forklifts 1.5 - 1.75 ton

7FBCU

Truck specifications					7FBCU15	7FBCU18
Identification	1.1	Manufacturer			TOYOTA	TOYOTA
	1.2	Model			7FBCU15	7FBCU18
	1.3	Drive			Electric	Electric
	1.4	Operator type			Rider seated	Rider seated
	1.5	Load capacity/rated load	Q		1500	1750
	1.6	Load centre	c		500	500
	1.8	Load distance, centre of drive axle to fork	x		400	400
	1.9	Wheelbase	y	mm	1220	1220
Weight	2.1	Service weight		kg	3070	3195
	2.2	Axle load, with load, front/rear		kg	3910/660	4325/620
	2.3	Axle load, without load, front/rear		kg	1305/1765	1285/1910
Tyres	3.1	Tyre - pneumatic (P), pneumatic shaped cushion (SE), solid rubber (R)			R	R
	3.2	Tyre size, front			18x6x12-1/8	18x6x12-1/8
	3.3	Tyre size, rear			14x4-1/2x8	14x4-1/2x8
	3.5	Wheels, number front/rear (x=driven wheels)			2x/2	2x/2
	3.6	Track width, front	b ₁₀	mm	795	795
	3.7	Track width, rear	b ₁₁	mm	820	820
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	a/b	deg	6/10	6/10
	4.2	Height, mast lowered	h ₁	mm	2110	2110
	4.3	Free lift	h ₂	mm	145	145
	4.4	Lift	h ₃	mm	3300	3300
		Lift height	h ₂₃	mm	3335	3335
	4.5	Height, mast extended	h ₄	mm	4555	4555
	4.7	Height of overhead guard (cab)	h ₆	mm	2195	2195
	4.8	Seat height	h ₇	mm	1070	1070
	4.12	Coupling height	h ₁₀	mm	205	205
	4.19	Overall length	l ₁	mm	3020	3020
	4.20	Length to face of forks	l ₂	mm	1950	1950
	4.21	Overall width	b ₁	mm	945	945
	4.22	Fork dimensions	s/e/l	mm	35/100/1070	35/100/1070
	4.23	Fork carriage DIN 15 173, class/type A, B			II	II
	4.24	Fork-carriage width	b ₃	mm	810	810
	4.31	Ground clearance, with load, below mast	m ₁	mm	70	70
	4.32	Ground clearance, centre of wheelbase	m ₂	mm	80	80
	4.33	Aisle width for pallets 1000 x 1200 crossways	A _{st}	mm	3295	3295
	4.34	Aisle width for pallets 800 x 1200 lengthways	A _{st}	mm	3485	3485
	4.35	Turning radius	W _a	mm	1685	1685
	4.36	Internal turning radius	b ₁₃	mm	430	430
Performance data	5.1	Travel speed, with/without load		km/h	17,5/18,0	17,0/18,0
	5.2	Lift speed, with/without load		m/s	0,43/0,72	0,41/0,72
	5.3	Lowering speed, with/without load		m/s	0,50/0,55	0,50/0,55
	5.5	Drawbar pull, with/ without load		N	2390/2580	2340/2550
	5.6	Max. drawbar pull, with/without load		N	9310/7560	9260/7420
	5.7	Gradeability, with/without load		%	8/13	7/13
	5.8	Max. gradeability, with/without load		%	20/21	18/20
	5.10	Service brake			Hydraulic	Hydraulic
Electric motor	6.1	Drive motor rating S2 60 min		kW	8,3	8,3
	6.2	Lift motor rating S3 15%		kW	10,4	10,4
	6.3	Battery acc. to DIN 43 531/35/36 A, B, C, no		—	—	—
	6.4	Battery voltage, nominal capacity K _s		V/Ah	48/510	48/510
	6.5	Battery weight		kg	830	830
Others	8.1	Type of drive control			Transistor inverter	Transistor inverter
	8.2	Operating pressure for attachments		bar	157	157
	8.3	Oil volume for attachments		l/min	61,7	61,7
	8.4	Sound level at the driver's ear according to EN 12 053		dB(A)	70	70

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.

Mast dimensions and rated capacities

7FBCU

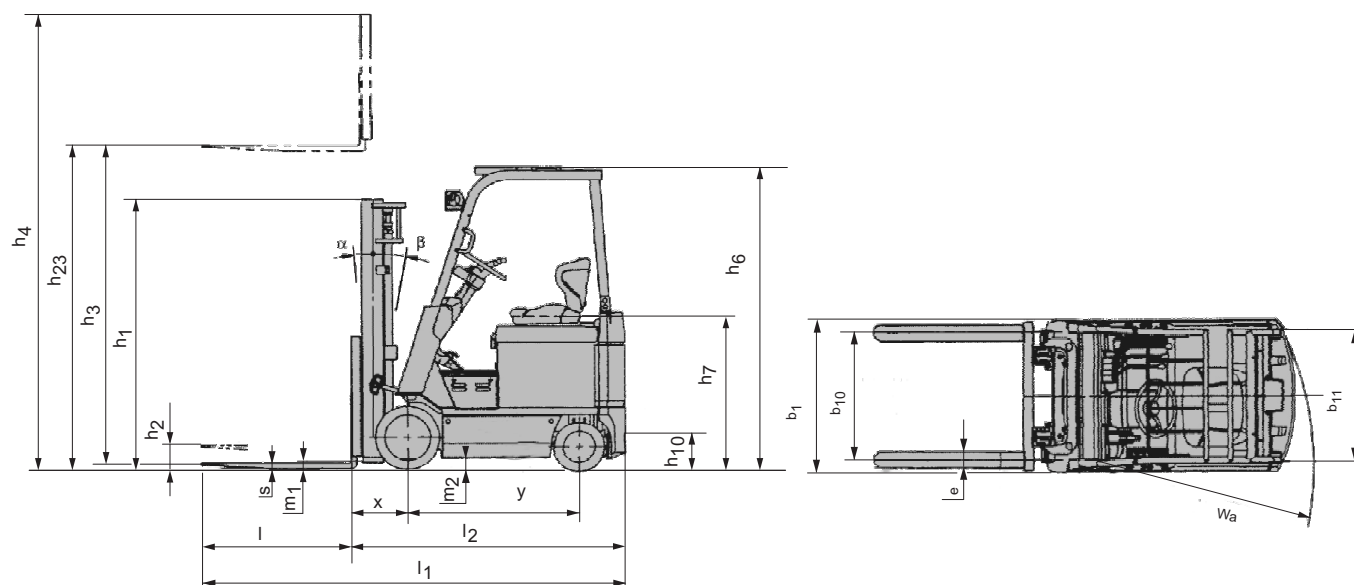
Model			V								FV					FSV							
7FBCU15/18	Lift height	h_{23}	3035	3335	3535	3735	4035	4535	5035		3035	3335	3535	3735	4035		3735	4035	4335	4835	5035	5535	6035
	Lift	h_3	3000	3300	3500	3700	4000	4500	5000		3000	3300	3500	3700	4000		3700	4000	4300	4800	5000	5500	6000
	Height, mast lowered	h_1	1960	2110	2210	2370	2560	2810	3060		1960	2110	2210	2370	2560		1760	1860	1960	2110	2210	2370	2560
	Height, mast extended ¹⁾	h_4	3570	3870	4170	4270	4570	5070	5570		3525	3825	4025	4225	4525		4265	4565	4865	5320	5565	6065	6565
	Height, mast extended ²⁾	h_4	4255	4555	4755	4955	5255	5755	6255		4255	4555	4755	4955	5255		4955	5255	5555	6020	6255	6755	7255
	Free lift, without load backrest	h_2	145	145	145	145	145	145	145		1435	1585	1685	1845	2035		1195	1295	1395	1545	1645	1805	1995
	Free lift, with load backrest	h_2	145	145	145	145	145	145	145		740	890	990	1150	1340		540	640	740	890	990	1150	1340

1) Without load backrest.

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

Standard tyre			V								FV					FSV							
7FBCU15	Tilt range, forward	deg	6	6	6	6	6	6	6		6	6	6	6	6		6	6	6	6	6	6	6
	Tilt range, backward	deg	10	10	10	10	10	5	5		10	10	10	10	10		5	5	5	5	5	5	5
	Load capacity at 500 mm LC	kg	1500	1500	1500	1500	1500	1450	1400		1500	1500	1500	1500	1500		1500	1500	1450	1400	1370	1110	750
7FBCU18	Tilt range, forward	deg	6	6	6	6	6	6	6		6	6	6	6	6		6	6	6	6	6	6	6
	Tilt range, backward	deg	10	10	10	10	10	5	5		10	10	10	10	10		5	5	5	5	5	5	5
	Load capacity at 500 mm LC	kg	1750	1750	1750	1750	1750	1650	1600		1750	1750	1750	1750	1750		1750	1750	1750	1570	1500	1350	850

Wide tyre			V								FV					FSV							
7FBCU15	Tilt range, forward	deg	6	6	6	6	6	6	6		6	6	6	6	6		6	6	6	6	6	6	6
	Tilt range, backward	deg	10	10	10	10	10	5	5		10	10	10	10	10		5	5	5	5	5	5	5
	Load capacity at 500 mm LC	kg	1500	1500	1500	1500	1500	1450	1450		1500	1500	1500	1500	1500		1500	1500	1450	1400	1370	1330	900



Standard equipments:

- Toyota SAS (System of Active Stability)
- Toyota AC² power system
- Toyota OPS (Operator Presence Sensing)
- Toyota ORS (Operator Restraint System) seat
- Wide visible mast (MFH: 3300 mm)
- Load backrest (Height: 1220 mm)
- Long forks (Length: 1070 mm)
- Long forkbar (Length: 810 mm)
- 3-way valve
- Full hydraulic power steering
- Headlights
- Rear combination lights
- Digital multifunction display
- Memory tilt steering column
- Cushion tyres

