

## M series 1.3-1.5t Electric narrow aisle truck

Identification	1	Manufacturer(abbreviation)		Maximal	Maximal
	2	Manufacturer's type designation		FBT13-MJZE	FBT15-MJZE
	3	Drive(electric-battery or mains,diesel,petrol,fuel gas,manual)		electric	electric
	4	Type of operation (hand,pedestrian,standing,seated,order picker)		tri-lateral stacker	tri-lateral stacker
	5	Load capacity/rated load	Q(t)	1.3	1.5
	6	Load centre distance	C(mm)	600	600
	7	Center of fork rotation axle to center of front wheelbase	X(mm)	838.5	838.5
	8	Wheelbase	Y(mm)	1764	2094
Weights	9	Service weight incl .battery(see line 6.5)	Kg	7822	8812
	10	Axle loading,laden front/rear	Kg	6190/2432	7260/2852
	11	Axle loading,unladen front/rear	Kg	4693/3129	5287/3525
Wheels, Classes	12	Tyres(solid rubber,superelastic,pneumatic,polyurethane)		EHC	EHC
	13	Tyre size,front(outside/inside)		285×100/285×108	285×100/285×108
	14	Tyre size,rear		400×160	400×160
	15	Wheels,number front / rear(x=drive wheels)		2(out)/2(in)/1x	2(out)/2(in)/1x
	16	Track width,front (outside)	b10(mm)	1400	1400
	Basic Dimensions	17	Lowered mast height	h1(mm)	4690
18		Lift height	h3(mm)	10000	10000
19		Extended mast height	h4(mm)	11060	11160
20		Overhead load guard (cab)height	h6(mm)	2461	2461
21		Seat height	h7(mm)	1210	1210
22		Overall length(unladen)	l1(mm)	3428	3716
23		Length to face of forks	l2(mm)	3290	3578
24		Overall width	b1/b2(mm)	1210/1502	1210/1502
25		Fork dimensions	s/e/l(mm)	45/120/1200	45/120/1200
26		Fork carriage ISO 2328,class/type A,B		2/ A	2/ A
27		Fork carriage width	b3(mm)	880	880
28		Overall forks width	b5(mm)	845	845
29		Ground clearance,laden,under mast	m1(mm)	90	90
30		Ground clearance, under chassis body ,Min.	m2(mm)	90	90
31		Aisle width for pallet 1200×1200	Asl(mm)	1600	1600
32		Turning radius	Wa(mm)	2175	2500
33		Pallet width	b12(mm)	1200	1200
34		Pallet length	l6(mm)	1200	1200
35	Clear drive compartment height inside	mm	1130	1130	
Performance Data	36	Travel speed,laden/unladen	Km/h	10.5/10.5	10.5/10.5
	37	Lift speed,laden/unladen	mm/s	320/380	320/380
	38	Lowering speed,laden/unladen	mm/s	460/480	460/480
	39	Service brake		regenerative/hydraulic	regenerative/hydraulic
	40	Parking brake		electric spring-loaded	electric spring-loaded
	41	Fork rotation time	s	8	8
	42	Fork rotation angle	°	180	180
43	Side shifter time	s	8	8	
Electric Engine	44	Drive motor rating s <sub>2</sub> 60min	KW	10	10
	45	Lift motor rating at s <sub>3</sub> 15%	KW	12	12
	46	Battery acc. To DIN EN 60254-2 and IEC 25		5PZB500E	5PEZB700E
	47	Battery voltage,nominal capacity k <sub>s</sub>	V/Ah	80/500	80/700
	48	Battery weight	Kg	1322	1947
Others	49	Type of drive control		AC power control	AC power control
	50	Sound level at drive's ear according to EN 12053	dB(A)	73	73
	51	Steering		electric	electric

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