

M series 4.0-mini5.0t 4-wheel electric forklift

Specification	1	Model		FB40-MQJZ2	FB45-MQJZ2	FB50-MQJZ2
	2	Rated capacity	kg	4000	4500	5000
	3	Load centre	mm	500	500	500
	4	Lifting height	mm	3000	3000	3000
	5	Free lifting height	mm	150	150	155
	6	Fork size	L×W×T	150×50×1070	150×50×1070	150×55×1070
	7	Tilting angle	F/R (α°/β°)	5/10	5/10	5/10
Dimensions	8	Overall Dimension	Length(to forkface)	2863	2863	2863
	9		Width	1495	1495	1495
	10		Height when mast lowered	2265	2265	2265
	11		Height when mast extended	4220	4220	4220
	12		Height to safeguard	2350	2350	2350
	13	Turning radius	Min.	2557	2557	2557
	14	Front overhang	mm	570	570	570
	15/16	Tread	F/R	1240/1050	1240/1050	1240/1050
	17	Ground clearance	Min.	154	154	154
	18	Wheelbase	mm	1800	1800	1800
	19	Fork spread	Min./Max.	300/1380	300/1380	300/1380
Performance	20	Working aisle width with pallet(Ast)*	1000×1200 crossways	4402	4402	4402
	21		800×1200 lengthways	4527	4527	4527
	22	Speed	Travel(Laden)	13.5	13.5	13.5
	23		Travel(Unladen)	14.5	14.5	14.5
	24		Lifting(Laden)	300	290	280
	25	Gradesability	Lifting(Unladen)	480	440	420
	26		Laden	20	20	20
	27		Unladen	20	20	20
	28	Self weight	Include battery	6912	6912	7212
	29	Tyre	Front×2	250-15	250-15	250-15
Driven	30		Rear×2	21×8-9	21×8-9	21×8-9
	31	Motor	Driven motor*2	11*2	11*2	11*2
	32		Pump motor*2	12*2	12*2	12*2
	33	Battery	Standard(Option)	V/Ah	80/700	80/775
	34	Controller	Type		AC	AC
	35		Manufacturer		ZAPI	ZAPI
	36	Operating pressure for attachment		Mpa	20	20

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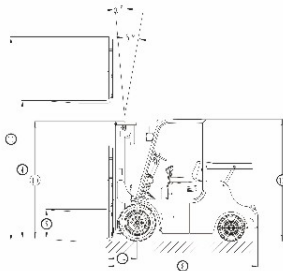
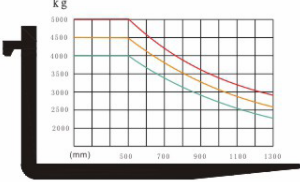
Type	Model	Max. fork height	Overall height										Free lift				Front Overhang			Tilt range		Capacity		
			Lowered			Extended				Without backrest		With backrest												
						Without backrest		With backrest						FWD	BMD	Load capacity at 600mm								
			Single tire																					
			4t	4.5t	mini5t	4t	4.5t	mini5t	4t	4.5-St	4t	4.5-St	4t	4.5t	mini 5t	4t	4.5t	mini 5t						
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg	kg				
Web view 2-stage mast	Bm330	3300	2415	2415	2415	4130	4130	4130	4520	4520	4520	150	155	150	155	590	590	595	6	12	4000	4500	5000	
	BM350	3500	2515	2515	2515	4330	4330	4330	4720	4720	4720	150	155	150	155	590	590	595	6	12	4000	4500	5000	
	BM375	3750	2615	2615	2615	4530	4530	4530	4920	4920	4920	150	155	150	155	590	590	595	6	12	4000	4500	5000	
	BM400	4000	2815	2815	2815	4830	4830	4830	5220	5220	5220	150	155	150	155	590	590	595	6	6	3800	4380	4800	
	BM450	4500	3065	3065	3065	5330	5330	5330	5720	5720	5720	150	155	150	155	590	590	595	6	6	3300	3800	4200	
	BM500	5000	3315	3315	3315	5830	5830	5830	6220	6220	6220	150	155	150	155	590	590	595	6	6	2800	3200	3600	
	BM550	5500	3615	3615	3615	6330	6330	6330	6720	6720	6720	150	155	150	155	590	590	595	3	6	2250	2600	2950	
	BM600	6000	3865	3865	3865	6830	6830	6830	7220	7220	7220	150	155	150	155	590	590	595	3	6	1700	2100	2400	
Full free 2-stage mast	BFM300	3000	2385	2385	2385	3840	3840	3840	4220	4220	4220	1165	1545	600	600	605	6	12	4000	4500	5000			
	BFM330	3300	2535	2535	2535	4140	4140	4140	4520	4520	4520	1315	1695	600	600	605	6	12	4000	4500	5000			
	BFM350	3500	2635	2635	2635	4340	4340	4340	4720	4720	4720	1415	1795	600	600	605	6	12	4000	4500	5000			
	BTFM392	3920	2385	2385	2385	5190	5190	5190	5570	5570	5570	1165	1545	630	630	635	6	6	3400	3800	4200			
Full free 3-stage mast	BTFM450	4500	2436	2436	2436	5340	5340	5340	5720	5720	5720	1216	1595	630	630	635	6	6	3300	3700	4100			
	BTFM480	4800	2535	2535	2535	5640	5640	5640	6020	6020	6020	1315	1695	630	630	635	6	6	3000	3400	3800			
	BTFM500	5000	2635	2635	2635	5840	5840	5840	6220	6220	6220	1415	1795	630	630	635	6	6	2700	3100	3500			
	BTFM540	5400	2760	2760	2760	6240	6240	6240	6620	6620	6620	1540	1920	630	630	635	3	6	2100	2500	2850			
	BTFM600	6000	3000	3000	3000	6840	6840	6840	7220	7220	7220	1780	2160	630	630	635	3	6	1600	2000	2300			
	BTFM650	6500	3215	3215	3215	7340	7340	7340	7720	7720	7720	1995	2375	630	630	635	3	6	1200	1500	1700			

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Load Chart

LIFT HEIGHT≤3000 mm



a=200 mm safety clearance

$$AST=a+③+③+\sqrt{H^2+(B/2)^2}$$

