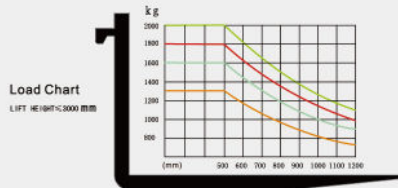




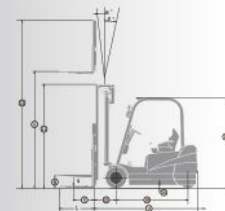
M SERIES 1.6-2.0t 3-wheel electric forklift

Specification	Model		FB16S-MJZ	FB18S-MJZ	FB20S-MJZ	
	1	Model		FB16S-MJZ	FB18S-MJZ	FB20S-MJZ
2	Rated capacity	kg	1600	1800	2000	
3	Load centre	mm	500			
4	Lifting height	mm	3000			
5	Free lifting height	mm	0			
6	Fork size	L×W×T	35×100×920			
7	Tilting angle	F/R (α°/β°)	6.5°/6.5°			
Dimensions	Overall dimensions	Length (to forklift)	1979	1979	2094	
		Width	1070	1070	1140	
		Height when mast lowered	1975	1975	1975	
		Height when mast extended	4010	4010	4010	
		Height to safeguard	1971	1971	2011	
	Turning radius	Min.	1643	1643	1758	
	Front overhang		371	371	371	
	Tread	F/R	924/186	924/186	942/186	
	Ground clearance	Min.	90	90	90	
	Wheelbase		1400	1400	1515	
Fork spread	Min./Max.	200/890	200/890	200/890		
Working aisle width with pallet(AST*)	1000×1200 crossways	mm	3340	3340	3445	
	800×1200 lengthways	mm	3464	3464	3579	
Performance	Speed	Travel(Laden)	13	13	13	
		Travel(Unladen)	13	13	13	
		Lifting(Laden)	290	280	255	
		Lifting(Unladen)	445	435	435	
		Laden	%	15	15	15
	Unladen	%	15	15	15	
	Service weight	Include battery box	kg	3080	3140	3430
	Tyre	Front×2		18×7-8	18×7-8	200/50-10
		Rear×2		15×4-18	15×4-18	15×4-18
	Driven	Motor	Driven motor×2	kw	4×2	4×2
Pump motor			kw	9.2	11	11
Battery		Standard(Optional)	V/Ah	48/500	48/500	48/620
		Type			AC	
Controller		Manufacturer			ZAPI	
35	Operating pressure for attachment	Mpa	14.5		17.5	



M SERIES 1.6-2.0t 3-wheel electric forklift mast

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	BWD	Load capacity at 500mm			
				mm	mm								mm	mm	mm	mm
2-stage mast	BM250	2500	1725	3010	3480	0	0	371	6.5	6.5	1300	1600	1800	2000		
	BM270	2700	1825	3210	3680	0	0	371	6.5	6.5	1300	1600	1800	2000		
	BM300	3000	1975	3510	4010	0	0	371	6.5	6.5	1300	1600	1800	2000		
	BM330	3300	2125	3810	4280	0	0	371	6.5	6.5	1300	1600	1800	2000		
	BM350	3500	2225	4010	4480	0	0	371	6.5	6.5	1300	1600	1800	2000		
	BM370	3700	2325	4210	4680	0	0	371	6.5	6.5	1300	1600	1800	2000		
	BM400	4000	2525	4510	4980	0	0	371	3.5	5	1300	1600	1800	2000		
	BM425	4250	2650	4760	5280	0	0	371	3.5	5	1200	1500	1700	1900		
	BM450	4500	2775	5025	5480	0	0	371	3.5	5	1100	1400	1600	1800		
	BM500	5000	3325	6025	6480	0	0	371	3.5	5	850	1150	1200	1300		
Full free 2-stage mast	BFM250	2500	1725	3010	3465	1200	760	371	6.5	6.5	1300	1600	1800	2000		
	BFM270	2700	1825	3210	3665	1300	860	371	6.5	6.5	1300	1600	1800	2000		
	BFM300	3000	1975	3510	3965	1450	1010	371	6.5	6.5	1300	1600	1800	2000		
	BFM330	3300	2125	3810	4265	1600	1160	371	6.5	6.5	1300	1600	1800	2000		
	BFM350	3500	2225	4010	4465	1700	1260	371	6.5	6.5	1300	1600	1800	2000		
	BFM370	3700	2325	4210	4665	1800	1360	371	6.5	6.5	1300	1600	1800	2000		
	BFM400	4000	2525	4510	4965	2000	1560	371	3.5	5	1300	1600	1800	2000		
	BFM435	4350	1975	4960	5330	1425	995	371	3.5	5	1200	1500	1700	1900		
	BTFM450	4500	2025	5010	5480	1475	1045	371	3.5	5	1100	1400	1600	1800		
	BTFM480	4800	2125	5310	5780	1575	1145	371	3.5	5	1000	1300	1500	1650		
Full free 3-stage mast	BTFM500	5000	2225	5510	5980	1675	1245	371	3.5	5	950	1250	1450	1600		
	BTFM550	5500	2390	6010	6480	1840	1410	371	3.5	5	850	1150	1200	1300		
	BTFM600	6000	2575	6510	6980	2025	1595	371	3.5	5	750	1050	1100	1200		



a=200 mm safety clearance
AST=a+⊕+⊕+√(b²+(a/2)²)

