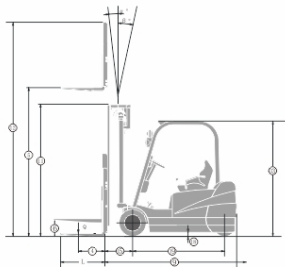
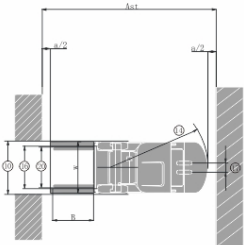


M series 1.3-2.0t 3-wheel electric forklift

Specification	1	Model		FB13S-MQJZ2	FB16S-MQJZ2	FB18S-MQJZ2	FB20S-MQJZ2	FB13S-MQJD2	FB16S-MQJD2	FB18S-MQJD2	FB20S-MQJD2
	2	Controller Type		ZAPI AC				DANAHER AC			
	3	Rated capacity	kg	1300	1600	1800	2000	1300	1600	1800	2000
	4	Load centre	mm	500	500	500	500	500	500	500	500
	5	Lifting height	mm	3000	3000	3000	3000	3000	3000	3000	3000
	6	Free lifting height	mm	1200	1200	1200	1200	1200	1200	1200	1200
	7	Fork size	L×W×T	mm	920×100×35	920×100×35	920×100×35	920×100×35	920×100×35	920×100×35	920×100×35
	8	Tilting angle	F/R (α°/β°)	Deg	6.5°/6.5°	6.5°/6.5°	6.5°/6.5°	6.5°/6.5°	6.5°/6.5°	6.5°/6.5°	6.5°/6.5°
Dimensions	9	Overall Dimension	Length to fork face	mm	1879	1979	1979	2094	1879	1979	2094
	10		Width	mm	1070	1070	1070	1140	1070	1070	1140
	11		Height when mast lowered	mm	1975	1975	1975	1975	1975	1975	1975
	12		Height when mast extended	mm	4010	4010	4010	4010	4010	4010	4010
	13		Height to safeguard	mm	1971	1971	1971	2011	1971	1971	2011
	14	Turning radius	Min.	mm	1543	1643	1643	1758	1543	1643	1758
	15	Front overhang		mm	371	371	371	371	371	371	371
	16/17	Tread	F/R	mm	924/186	924/186	924/186	924/186	924/186	924/186	924/186
	18	Ground clearance	Min.	mm	90	90	90	90	90	90	90
	19	Wheel base		mm	1300	1400	1400	1515	1300	1400	1515
	20	Fork spread	Min./Max.	mm	200/890	200/890	200/890	200/890	200/890	200/890	200/890
Performance	21	Working aisle width with pallet(Ast)*	1000×1200 crossways	mm	3240	3340	3340	3445	3240	3340	3445
	22		800×1200 lengthways	mm	3364	3364	3464	3579	3364	3364	3464
	23	Speed	Travel(Laden)	km/h	13	13	13	13	14	14	13
	24		Travel(Unladen)	km/h	13	13	13	13	14	14	13
	25		Lifting(Laden)	mm/s	300	290	280	255	300	290	255
	26		Lifting(Unladen)	mm/s	460	445	435	435	460	445	405
	27	Gradeability	Laden	%	15	15	15	15	15	15	15
	28		Unladen	%	15	15	15	15	15	15	15
	29	Self weight	Include battery box	kg	2820	3080	3140	3480	2820	3080	3140
	30	Tyre	Front×2		18×7-8	18×7-8	18×7-8	200/50-10	18×7-8	18×7-8	200/50-10
	31		Rear×2		15×4.5-8	15×4.5-8	15×4.5-8	15×4.5-8	15×4.5-8	15×4.5-8	15×4.5-8
Driven	32	Motor	Driven motor	kw	4×2	4×2	4×2	4×2	4.5×2	4.5×2	4.5×2
	33		Pump motor	kw	9.2	9.2	11	11	12	12	12
	34	Battery	Standard	V/Ah	48/400 48/500	48/500	48/500	48/625	48/400 48/500	48/500	48/625
	35	Operating pressure for attachment		Mpa	14.5	14.5	14.5	17.5	14.5	14.5	17.5



a=200 mm safety clearance
 $AST=a+\textcircled{1}+\textcircled{2}+\sqrt{W^2+(B/2)^2}$



M Series 1.3-2.0t 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	FWD		BWD	Load capacity at 500mm				
				Without backrest	With backrest						Single tire				
											1.3t	1.6t	1.8t	2.0t	
mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg	kg	kg			
Wide view 2-stage mast	SM330	3300	2125	3810	4280	0	0	371	6.5	6.5	1300	1600	1800	2000	
	SM350	3500	2225	4010	4480	0	0	371	6.5	6.5	1300	1600	1800	2000	
	SM370	3700	2325	4210	4680	0	0	371	3.5	5	1300	1600	1800	2000	
	SM400	4000	2525	4510	4980	0	0	371	3.5	5	1300	1600	1800	2000	
	SM450	4500	2775	5025	5480	0	0	371	3.5	5	1100	1400	1600	1800	
	SM550	5500	3325	6025	6480	0	0	371	3.5	5	850	1150	1200	1300	
SM600	6000	3575	6525	6980	0	0	371	3.5	5	750	1050	1100	1200		
Full free 2-stage mast	SFM300	3000	1975	3510	3965	1010	1450	371	6.5	6.5	1300	1600	1800	2000	
	SFM330	3300	2125	3810	4265	1160	1600	371	6.5	6.5	1300	1600	1800	2000	
	SFM350	3500	2225	4010	4465	1260	1700	371	6.5	6.5	1300	1600	1800	2000	
Full free 3-stage mast	STFM435	4350	1975	4860	5330	995	1425	371	3.5	5	1200	1500	1700	1900	
	STFM450	4500	2025	5010	5480	1045	1475	371	3.5	5	1100	1400	1600	1800	
	STFM480	4800	2125	5310	5780	1145	1575	371	3.5	5	1000	1300	1500	1650	
	STFM500	5000	2225	5510	5980	1245	1675	371	3.5	5	950	1250	1450	1500	
	STFM550	5500	2390	6010	6480	1410	1840	371	3.5	5	850	1150	1200	1300	
	STFM600	6000	2575	6510	6980	1595	2025	371	3.5	5	750	1050	1100	1200	
	STFM650	6500	2360	7010	7480	1710	2240	371	3.5	5	600	900	950	1000	

M Series
1.3-2.0ton 3-Wheel
electric forklift

