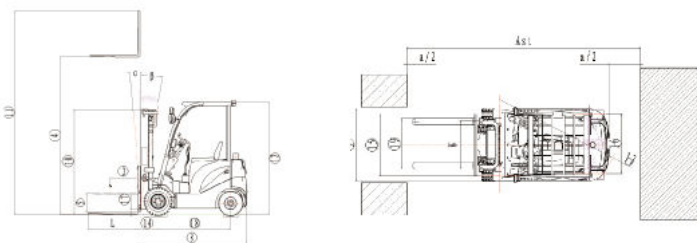




## A SERIES 1.5-3.5t 4-wheel electric forklift/Li-Ion battery forklift

Specification			FBA15-JZ	FBA18-JZ	FBA20-JZ	FBA25-JZ	FBA30-JZ	FBA35-JZ
1	Model		FBA15-JZ	FBA18-JZ	FBA20-JZ	FBA25-JZ	FBA30-JZ	FBA35-JZ
2	Rated capacity	kg	1500	1800	2000	2500	3000	3500
3	Load centre	mm	500					
4	Lifting height	mm	3000					
5	Free lifting height	mm	135		140		165	
6	Fork size	T×W×L	35×100×920		40×122×1070		45×125×1070 50×130×1070	
7	Tilting angle	F/R (α°/β°)	5/10					
Dimensions								
8	Overall Dimension	Length (to forklift)	2073	2118	2266.5		2548	2639
9		Width	1120		1285		1285	1365
10		Height when mast lowered	2000		2015		2045	2120
11		Height when mast extended	3980		3990		4100	4140
12	Height to safeguard	mm	2135		2152		2152	2138
13	Turning radius	Min.	1965		2080		2349	2405
14	Front overhang/rear overhang	mm	410/317		454/390		475/402	495.5/453.5
15	Tread	F/R	955/920		1058/960		1065/960	1124/1010
16	Ground clearance	Min.	105		95		110	83
17	Wheelbase	mm	1380		1485		1670	1690
18	Fork spread	Min./Max.	250/890		250/1000		250/1060	
19	Working aisle width with pallet(Ast)*	1000×1200 crossways	3541		3732		4025	4101
20		800×1200 lengthways	3741		3932		4225	4301
Performance								
21	Speed	Travel(Laden)	15		15		15	
22		Travel(Unladen)	16		16		16	
23		lifting (laden/unladen)	290/440		280/440		280/400	280/384
24		lowering (laden/unladen)	410/410		470/430		400/315	
25	Gradeability	Laden	15		15		15	
26		Unladen	15		15		15	
27	Service weight	Include battery box	2950	3230	3930	4100	4750	5253
28	Tyre	Front×2	6.00-9 10PR		23×9-10 16PR		23×9-10 16PR	23×10-12
29		Rear×2	5.00-8 8PR		18×7-8-14PR		18×7-8-14PR	200/50-10
30	Motor	Driven motor	K6.5		K8.5		K11.5	
31		Pump motor	K8.6		K11		K15	
32	Battery	Standard/Option	V/Ah		48/420		48/600 80/500	
33	Controller	Type	AC	AC	AC	AC	AC	AC
34		Manufacturer	ZAPI	ZAPI	ZAPI	ZAPI	ZAPI	ZAPI
35	Operating pressure for attachment	Mpa	14.5		17.5			



## A SERIES 1.5-1.8t forklift mast

Type	Model	Max fork height	Overall height						Free lift		Front Overhang		Tilt range		Capacity	
			Lowered		Extended				Without backrest	with backrest	1.5t	1.8t	FWD	BWD	load capacity at 500mm	
			1.5t	1.8t	Without backrest		With backrest								Single tyre	
					mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg
wide view 2-stage mast	M200	2000	1500	1500	2513	2513	2984	2984	135	135	410	410	5	10	1500	1800
	M250	2500	1750	1750	3013	3013	3484	3484	135	135	410	410	5	10	1500	1800
	M300	3000	2000	2000	3513	3513	3984	3984	135	135	410	410	5	10	1500	1800
	M330	3300	2150	2150	3813	3813	4284	4284	135	135	410	410	5	10	1500	1800
	M350	3500	2250	2250	4013	4013	4484	4484	135	135	410	410	5	10	1500	1800
	M370	3700	2350	2350	4213	4213	4684	4684	135	135	410	410	5	10	1460	1760
	M400	4000	2550	2550	4513	4513	4984	4984	135	135	410	410	5	10	1400	1700
	M425	4250	2675	2675	4763	4763	5234	5234	135	135	410	410	5	6	1400	1600
	M450	4500	2800	2800	5013	5013	5484	5484	135	135	410	410	5	6	1300	1500
	M500	5000	3050	3050	5513	5513	5984	5984	135	135	410	410	5	6	1000	1100
full free 2-stage mast	M550	5500	3350	3350	6013	6013	6484	6484	135	135	410	410	3	6	800	1000
	M600	6000	3600	3600	6513	6513	6984	6984	135	135	410	410	3	6	500	600
	FM250	2500	1750	1750	3013	3013	3484	3484	1165	780	410	410	5	10	1500	1800
	FM300	3000	2000	2000	3513	3513	3984	3984	1415	1030	410	410	5	10	1500	1800
	FM330	3300	2150	2150	3813	3813	4284	4284	1565	1180	410	410	5	10	1500	1800
	FM350	3500	2250	2250	4013	4013	4484	4484	1665	1280	410	410	5	10	1500	1800
	FM370	3700	2350	2350	4213	4213	4684	4684	1765	1380	410	410	5	10	1410	1710
	FM400	4000	2550	2550	4513	4513	4984	4984	1965	1580	410	410	5	6	1350	1650
	TFM435	4350	2000	2000	4863	4863	5334	5334	1420	1030	410	410	5	6	1250	1500
	TFM450	4500	2050	2050	5013	5013	5484	5484	1470	1080	410	410	5	6	1200	1400
Full free 3-stage mast	TFM480	4800	2150	2150	5313	5313	5784	5784	1570	1180	410	410	5	6	1100	1200
	TFM500	5000	2250	2250	5513	5513	5984	5984	1670	1280	410	410	5	6	950	1050
	TFM540	5400	2375	2375	5913	5913	6384	6384	1795	1405	410	410	3	6	750	850
	TFM600	6000	2610	2610	6513	6513	6984	6984	2020	1630	410	410	3	6	450	550
	TFM650	6500	2805	2805	7013	7013	7484	7484	2235	1845	410	410	3	6	250	300

## A SERIES 2-2.5t forklift mast

Type	Model	Max fork height	Overall height						Free lift		Front Overhang		Tilt range		Capacity	
			Lowered		Extended				Without backrest	with backrest	2t	2.5t	FWD	BWD	load capacity at 500mm	
			2t	2.5t	Without backrest		With backrest								Single tyre	
					mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg
wide view 2-stage mast	M250	2500	1765	1765	3115	3115	3517	3517	140	140	454	454	5	10	2000	2500
	M300	3000	2015	2015	3616	3616	4017	4017	140	140	454	454	5	10	2000	2500
	M330	3300	2165	2165	3916	3916	4317	4317	140	140	454	454	5	10	2000	2500
	M350	3500	2265	2265	4115	4115	4517	4517	140	140	454	454	5	10	2000	2500
	M370	3700	2365	2365	4315	4315	4717	4717	140	140	454	454	5	10	2000	2500
	M400	4000	2565	2565	4616	4616	5017	5017	140	140	454	454	5	10	2000	2500
	M450	4500	2815	2815	5115	5115	5517	5517	140	140	454	454	5	6	1600	2100
	M500	5000	3065	3065	5615	5615	6017	6017	140	140	454	454	5	6	1200	1600
	M550	5500	3365	3365	6115	6115	6517	6517	140	140	454	454	3	6	950	1200
	M600	6000	3615	3615	6616	6616	7017	7017	140	140	454	454	3	6	800	900
full free 2-stage mast	FM250	2500	1765	1765	3115	3115	3517	3517	1170	770	477	477	5	10	2000	2500
	FM300	3000	2015	2015	3615	3615	4017	4017	1420	1020	477	477	5	10	2000	2500
	FM330	3300	2165	2165	3915	3915	4317	4317	1570	1170	477	477	5	10	2000	2500
	FM350	3500	2265	2265	4115	4115	4517	4517	1670	1270	477	477	5	10	2000	2500
	FM370	3700	2365	2365	4315	4315	4717	4717	1770	1370	477	477	5	6	2000	2500
	FM400	4000	2565	2565	4615	4615	5017	5017	1970	1570	477	477	5	6	2000	2500
	TFM435	4350	2015	2015	5021	5021	5366	5366	1390	990	490	490	5	6	1750	2200
	TFM450	4500	2065	2065	5171	5171	5516	5516	1440	1040	490	490	5	6	1600	2000
	TFM480	4800	2165	2165	5417	5417	5816	5816	1540	1140	490	490	5	6	1250	1700
	TFM500	5000	2265	2265	5617	5617	6016	6016	1640	1240	490	490	5	6	1100	1500
Full free 3-stage mast	TFM550	5500	2390	2390	6117	6117	6516	6516	1765	1400	490	490	3	6	900	1200
	TFM600	6000	2615	2615	6617	6617	7016	7016	1990	1590	490	490	3	6	700	800
	TFM650	6500	2840	2840	7171	7171	7516	7516	2205	1805	490	490	3	6	400	500