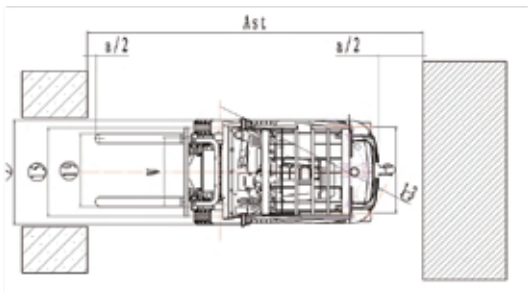
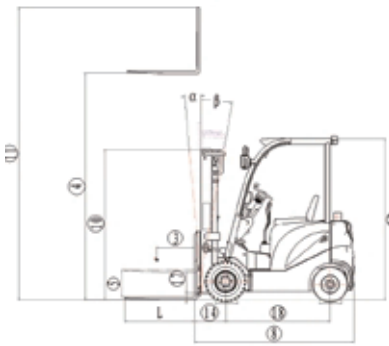




A SERIES 1.5-3.5t 4-wheel electric forklift **Lead acid / Lithium battery**

Specification	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	mm	35×100×920		40×122×1070		45×125×1070	50×130×1070	
	7	Tilting angle	F/R (α°/β°)	Deg	5/10						
Dimensions	8	Overall Dimension	Length (to forkface)	mm	2073	2118	2286.5		2548	2639	
	9		Width	mm	1120		1285		1285	1365	
	10		Height when mast lowered	mm	2000		2015		2045	2120	
	11		Height when mast extended	mm	3980		3990		4100	4140	
	12		Height to safeguard	mm	2135		2152		2152	2138	
	13	Turning radius	Min.	mm	1965		2080		2349	2405	
	14	Front overhang/rear overhang		mm	410/317		454/390		475/402	495.5/453.5	
	15	Tread	F/R	mm	955/920		1058/960		1065/980	1124/1010	
	16	Ground clearance	Min.	mm	105		95		110	83	
	17	Wheelbase		mm	1380		1485		1670	1690	
18	Fork spread	Min./Max.	mm	250/890		250/1000		250/1060			
19	Working aisle width with pallet(Ast)*	1000×1200 crossways	mm	3541		3732		4025	4101		
20		800×1200 lengthways	mm	3741		3932		4225	4301		
Performance	21	Speed	Travel(Laden)	km/h	15		15		15		
	22		Travel(Unladen)	km/h	16		16		16		
	23		lifting (laden/unladen)	mm/s	290/440		280/440		280/400	280/384	
	24		lowering (laden/unladen)	mm/s	410/410		470/430		400/315		
	25	Gradeability	Laden	%	15		15		15		
	26		Unladen	%	15		15		15		
	27	Service weight	Include battery box	kg	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	
Driven	30	Motor	Driven motor	kw	K6.5		K8.5		K11.5		
	31		Pump motor	kw	K8.6		K11		K15		
	32	Battery	Lead acid battery	V/Ah	48/420		48/600		80/500		
	33		Lithium battery	V/Ah	51.2V/300		51.2/450		83.2/350		
	34	Controller	Type		AC	AC	AC	AC	AC	AC	
	35		Manufacturer		ZAPI	ZAPI	ZAPI	ZAPI	ZAPI	ZAPI	
	36	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			FWD	BWD	load capacity at 500mm	
					Without backrest		With backrest				Single tyre					
			1.5t	1.8t	1.5t	1.8t	1.5t	1.8t			1.5t	1.8t				
			mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg		
wide view 2-stage mast	M300	3000	1990	1990	3513	3513	3984	3984	135	135	410	410	5	10	1500	1800
	M330	3300	2140	2140	3813	3813	4284	4284	135	135	410	410	5	10	1500	1800
	M350	3500	2240	2240	4013	4013	4484	4484	135	135	410	410	5	10	1500	1800
	M370	3700	2340	2340	4213	4213	4684	4684	135	135	410	410	5	10	1460	1760
	M400	4000	2540	2540	4513	4513	4984	4984	135	135	410	410	5	10	1400	1700
	M450	4500	2790	2790	5013	5013	5484	5484	135	135	410	410	5	6	1300	1500
	M500	5000	3040	3040	5513	5513	5984	5984	135	135	410	410	5	6	1000	1100
	M550	5500	3340	3340	6013	6013	6484	6484	135	135	410	410	3	6	800	1000
	M600	6000	3590	3590	6513	6513	6984	6984	135	135	410	410	3	6	500	600
full free 2-stage mast	FM300	3000	1990	1990	3513	3513	3984	3984	1486	1015	435	435	5	10	1500	1800
	FM330	3300	2140	2140	3813	3813	4284	4284	1636	1165	435	435	5	10	1500	1800
	FM350	3500	2240	2240	4013	4013	4484	4484	1736	1265	435	435	5	10	1500	1800
	FM370	3700	2340	2340	4213	4213	4684	4684	1836	1365	435	435	5	10	1410	1710
Full free 3-stage mast	TFM435	4350	1990	1990	4863	4863	5334	5334	1466	995	435	435	5	6	1250	1500
	TFM450	4500	2040	2040	5013	5013	5484	5484	1516	1045	435	435	5	6	1200	1400
	TFM480	4800	2140	2140	5313	5313	5784	5784	1616	1145	435	435	5	6	1100	1200
	TFM500	5000	2240	2240	5513	5513	5984	5984	1716	1245	435	435	5	6	950	1050
	TFM550	5500	2405	2405	6013	6013	6484	6484	1886	1415	435	435	3	6	750	850
	TFM600	6000	2590	2590	6513	6513	6984	6984	2066	1595	435	435	3	6	450	550
	TFM650	6500	2805	2805	7013	7013	7484	7484	2281	1810	435	435	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	
					Without backrest		With backrest								Single tyre	
			2t	2.5t	2t	2.5t	2t	2.5t	2t	2.5t	Deg	Deg	2t	2.5t		
			mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg		
wide view 2-stage mast	M300	3000	2030	2030	3615	3615	4015	4015	140	140	454	454	5	10	2000	2500
	M330	3300	2180	2180	3915	3915	4315	4315	140	140	454	454	5	10	2000	2500
	M350	3500	2280	2280	4115	4115	4515	4515	140	140	454	454	5	10	2000	2500
	M370	3700	2380	2380	4315	4315	4715	4715	140	140	454	454	5	10	2000	2500
	M400	4000	2580	2580	4615	4615	5015	5015	140	140	454	454	5	10	2000	2500
	M450	4500	2830	2830	5115	5115	5515	5515	140	140	454	454	5	6	1600	2100
	M500	5000	3080	3080	5615	5615	6015	6015	140	140	454	454	5	6	1200	1600
	M550	5500	3380	3380	6115	6115	6515	6515	140	140	454	454	3	6	950	1200
full free 2-stage mast	M600	6000	3630	3630	6615	6615	7015	7015	140	140	454	454	3	6	800	900
	FM300	3000	2030	2030	3615	3615	4015	4015	1385	985	477	477	5	10	2000	2500
	FM330	3300	2180	2180	3915	3915	4315	4315	1535	1135	477	477	5	10	2000	2500
	FM350	3500	2280	2280	4115	4115	4515	4515	1635	1235	477	477	5	10	2000	2500
	FM370	3700	2380	2380	4315	4315	4715	4715	1735	1335	477	477	5	6	2000	2500
Full free 3-stage mast	TFM435	4350	2040	2040	4965	4965	5365	5365	1390	990	490	490	5	6	1750	2200
	TFM450	4500	2090	2090	5115	5115	5515	5515	1440	1040	490	490	5	6	1550	2000
	TFM480	4800	2190	2190	5415	5415	5815	5815	1540	1140	490	490	5	6	1250	1700
	TFM500	5000	2290	2290	5615	5615	6015	6015	1640	1240	490	490	5	6	1100	1500
	TFM550	5500	2455	2455	6115	6115	6515	6515	1765	1400	490	490	3	6	850	1100
	TFM600	6000	2640	2640	6615	6615	7015	7015	1990	1590	490	490	3	6	700	800
	TFM650	6500	2855	2855	7115	7115	7515	7515	2205	1805	490	490	3	6	400	500



Li-lon battery is available for 4-wheel electric forklift

Main advantages:

A SERIES 3-3.5t forklift mast

Type	Model	Max. fork height	Overall height							Free lift				Front Overhang		Tilt range		Capacity	
			Lowered	Extended				Without backrest		with backrest		load capacity at 500mm							
				Without backrest		With backrest								Single tyre					
				3t	3.5t	3t	3.5t	3t	3.5t	3t	3.5t					3t	3.5t		
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg			
wide view 2-stage mast	M300	3000	2045	2120	3670	3740	4140	4140	165	170	165	170	475	495	5	10	3000	3500	
	M330	3300	2195	2270	3970	4040	4440	4440	165	170	165	170	475	495	5	10	3000	3500	
	M350	3500	2295	2370	4170	4240	4640	4640	165	170	165	170	475	495	5	10	3000	3500	
	M370	3700	2395	2470	4370	4440	4840	4840	165	170	165	170	475	495	5	10	3000	3500	
	M400	4000	2595	2670	4670	4740	5140	5140	165	170	165	170	475	495	5	10	2850	3300	
	M450	4500	2845	2920	5170	5240	5640	5640	165	170	165	170	475	495	5	6	2550	2900	
	M500	5000	3095	3170	5670	5740	6140	6140	165	170	165	170	475	495	5	6	2100	2400	
	M550	5500	3395	3470	6170	6240	6640	6640	165	170	165	170	475	495	3	6	1700	1800	
	M600	6000	3645	3720	6670	6740	7140	7140	165	170	165	170	475	495	3	6	1300	1400	
full free 2-stage mast	FM300	3000	2045	2120	3685	3725	4140	4140	1390	1415	935	1000	490	505	5	10	3000	3500	
	FM330	3300	2195	2270	3985	4025	4440	4440	1540	1565	1085	1150	490	505	5	10	3000	3500	
	FM350	3500	2295	2370	4185	4225	4640	4640	1640	1665	1185	1250	490	505	5	10	3000	3500	
	FM370	3700	2395	2470	4385	4425	4840	4840	1740	1765	1285	1350	490	505	5	10	3000	3500	
Full free 3-stage mast	TFM435	4350	2045	2120	5075	5160	5490	5490	1340	1330	925	925	500	522	5	6	2800	3100	
	TFM450	4500	2095	2170	5225	5310	5640	5640	1390	1380	975	975	500	522	5	6	2500	2800	
	TFM480	4800	2195	2270	5525	5610	5940	5940	1490	1480	1075	1075	500	522	5	6	2250	2500	
	TFM500	5000	2295	2370	5725	5810	6140	6140	1590	1580	1175	1175	500	522	5	6	2050	2250	
	TFM550	5500	2460	2535	6225	6310	6640	6640	1745	1735	1330	1405	500	522	3	6	1600	1700	
	TFM600	6000	2645	2720	6725	6810	7140	7140	1940	1930	1525	1525	500	522	3	6	1200	1300	
	TFM650	6500	2860	2935	7225	7310	7640	7640	2155	2145	1740	1740	500	522	3	6	700	800	

Compact body
energy density more than 120W · h/kg

Operating temperature
Charge: 0~45 ℃
Discharge: -20~60 ℃

Long service life
>2500 times (80% remaining capacity), the service life more than 5 years or 10000 hours

5 years guarantee

High charge efficiency
>97%

Impact of environment
zero pollution

Fast charging
2-4hours quick charge, no memory effect.

Control system
With BMS management system, it can monitor the current, voltage, temperature, SOC and other conditions of each battery pack. With self-protection.

High safety and reliability

Maintenance free

