



A SERIES ELECTRIC FORKLIFT TRUCK

1.5-3.0 ton 4-wheel



We work for maximal



2016



Designing Advantages

A Series Forklift ranges from 4-wheel 1.5-3.5T. Design concept is "Engineering for Driver". Maximal engineers have focused on improving the comfort and safety for this new model, with more safety, more comfort, and every small detail carefully designed prepared for the driver.

Overhead guard



Welded by high strength special pipe to provide more safety, to make the forklift looks more beautiful.

Big operating space



Small dimension, simple appearance with bigger operating space, it makes a easily passing in narrow channel and a better operator's driving comfort.

Integrated transmission and axle



Adopt advanced integrated transmission and axle, with compact structure, provides convenient maintenance, decrease noise 3dB.





AC controller

Adopt Italy ZAPI ACE2 new generation controller, more stable, more durable.



Steel side plate

Both right & left side plates are made of steel, it increase the forklift strength, also be higher for versatility.



Horizontally layout of controller



Lay the controller horizontally on the counter balance to avoid the controller damage when reversing. And it makes the electrical system arrangement more reasonable for easy maintenance.

Protection plate



Protection plate is equipped at the bottom of the battery to protect the oil pipe and electrical wire harness.

L-type pump motor

Adopt L-type pump motor make it much easier when disassembly & assembly and maintenance.



Performance Improvement

- **High efficiency, speed Improvement**

	Speed (km/h)	Improvement (%)
Climbing(laden)	4	100
Driving(laden)	15	25
Lifting(laden)	275	5

- **Wide view mast**

Significantly improves the driver's front field of view, reduces dead zones, and increase the safety and comfort of the operation.
Outside width of the mast: 720mm, 30mm increased.



- **Noise decrease**

Integrated transmission and axle decreases noise 3dB.



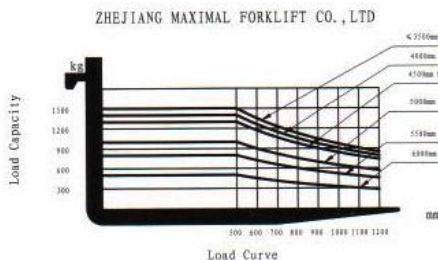


● **Smaller size**

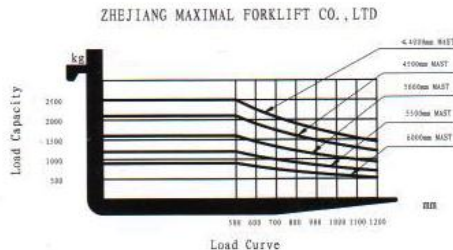
3-5% shorter forklift length, 5% weight decreasing provides the easier operation.

A series 1.5-3.0t electric forklift

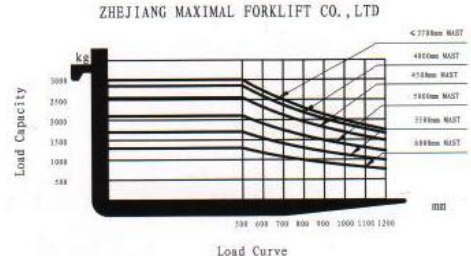
A series 1.5-3.0t 4-wheel electric forklift										
Specification	1	Model		FB15-AJZ	FB18-AJZ	FB20-AJZ	FB25-AJZ	FB30-AJZ		
	2	Rated capacity	kg	1500	1800	2000	2500	3000		
	3	Load centre	mm	500						
	4	Lifting height	mm	3000						
	5	Free lifting height	mm	135		140		165		
	6	Fork size	L×W×T	mm	35×100×920		40×122×1070		45×125×1070	
	7	Tilting angle	F/R (α° / β°)	Deg	5/10					
Dimensions	8	Overall Dimension	Length (to forkface)	mm	2073	2118	2286.5		2548	
	9		Width	mm	1120		1285		1285	
	10		Height when mast lowered	mm	2000		2015		2045	
	11		Height when mast extended	mm	3980		3990		4100	
	12		Height to safeguard	mm	2135		2152		2152	
	13	Turning radius	Min.	mm	1965		2080		2349	
	14	Front overhang	mm	410		454		475		
	15	Tread	F/R	mm	955		1058		1065	
	16	Tread	F/R	mm	920		960		980	
	17	Ground clearance	Min.	mm	105		95		110	
	18	Wheelbase	mm	1380		1485		1670		
	19	Fork spread	Min./Max.	mm	250/890		250/1000		250/1060	
	20	Working aisle width with pallet(Ast)*	1000×1200 crossways	mm	3541		3732		4025	
21	800×1200 lengthways		mm	3741		3932		4225		
Performance	22	Speed	Travel(Laden)	km/h	15		15		15	
	23		Travel(Unladen)	km/h	16		16		16	
	24		Lifting(Laden)	mm/s	290		280		280	
	25		Lifting(Unladen)	mm/s	440		400		400	
	26	Gradeability	Laden	%	15		15		15	
	27		Unladen	%	15		15		15	
	28	Service weight	Include battery box	kg	2950	3230	3930	4100	4750	
	29	Tyre	Front×2		6.00-9 10PR		23×9-10 16PR		23×9-10 16PR	
30	Rear×2			5.00-8 8PR		18×7-8-14PR		18×7-8-14PR		
Driven	31	Motor	Driven motor	kw	K6.5		K8.5		K11.5	
	32		Pump motor	kw	K8.6		K11		K15	
	33	Battery	Standard(Optional)	V/Ah	48/420		48/600		80/500	
	34	Controller	Type		AC	AC	AC	AC	AC	
	35		Manufacturer		ZAPI	ZAPI	ZAPI	ZAPI	ZAPI	
	36	Operating pressure for attachment	Mpa	14.5		17.5		17.5		



1.5T Load Chart



2.5T Load Chart



3.0T Load Chart

