maximal

ECONOMIC PRODUCT

REAR DRIVE 3-WHEEL ELECTRIC FORKLIFT 1.6TON

ZAPI ACE2 Controller, horizontally located in the counter balance weight.

Rear drive, with one pc of driving motor.

One mini rear steering wheel makes the turning radius smaller.

Battery capacity 48V425AH.

High Performance

» **Working Flexibility:**
Smaller turning radius 1544mm makes it much more flexible working in the narrow channels and crowded room.

» **High Interchangeability:**
High interchangeability with Maximal front drive electric forklift, such as mast, hand brake, steering wheel, front wheel and so on.

» **Cost-effective:**
equipped with 48V battery, long working hours, powerful performance.

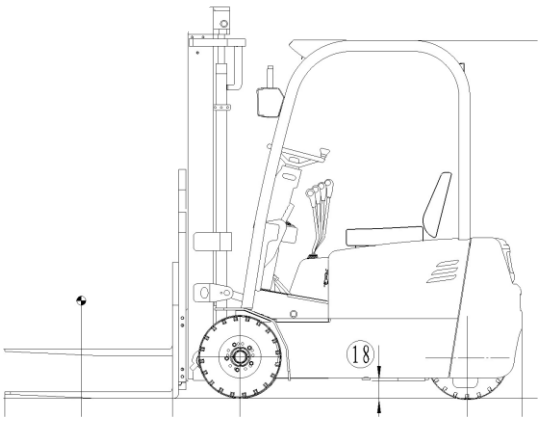
» **Stable Performance:**
operating pressure is 14.5Mpa, hydraulic system is much stable.

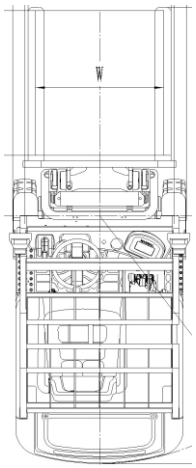
SPECIFICATION

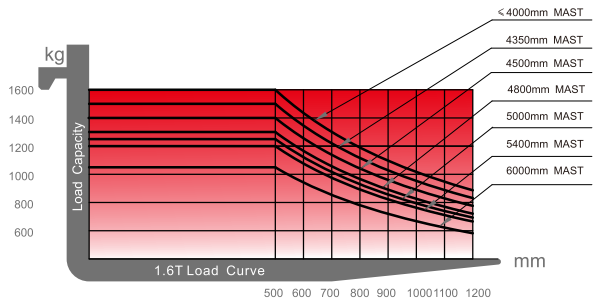
Rear Drive 3-wheel Electric Forklift 1.6ton

Lead acid/Lithium battery

Distinguishing mark	1.1	Manufacturer		HYM
	1.2	Model		FB16S-MHJZ
	1.3	Drive		Battery
	1.4	Operator type		Seat
	1.5	Rated capacity	Q (kg)	1600
	1.6	Load centre	c (mm)	500
	1.8	Load distance	x (mm)	371
	1.9	Wheelbase (with mast vertical)	y (mm)	1250
Weight	2.1	Service weight (with battery)	kg	3240
Tyres / chassis	3.1	Tyres: L=pneumatic, V=cushion SE= superelastic		SE
	3.2	Tyre size, front		18x7-8
	3.3	Tyre size, rear		18x7-8
	3.5	Wheels, number of wheels, front/rear (X = driven wheels)		2/x1
	3.6	Tread, front	b10 (mm)	930
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	degrees	3/6
	4.2	Height, mast lowered	h1 (mm)	1975
	4.3	Free lift	h2 (mm)	0
	4.4	Lift height	h3 (mm)	3000
	4.5	Height, mast extended	h4 (mm)	4010
	4.7	Height of overhead guard	h6 (mm)	1971
	4.8	Seat height relating to SIP/stand height	h7 (mm)	960
	4.12	Coupling height	h10 (mm)	478
	4.19	Overall length	l1 (mm)	2840
	4.20	Length to face of forks	l2 (mm)	1897
	4.21	Overall width	b1 / b2 (mm)	1078
	4.22	Fork dimensions	s/e/l (mm)	35/100/920
	4.23	Fork carriage ISO2328, class/type A, B		2A
	4.24	Fork carriage width	b3(mm)	930
	4.31	Ground clearance, laden, below mast	m1 (mm)	85
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	93
	4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	3245
	4.34.2	Aisle width for pallets 800 x 1200 lengthways	Ast (mm)	3370
	4.35	Turning radius	Wa (mm)	1544
Performance data	5.1	Travel speed, laden / unladen	km/h	12/13
	5.2	Lift speed, laden / unladen	mm/s	0.28/0.44
	5.3	Lowering speed , laden/unladen	mm/s	0.41/0.48
	5.8	Max. gradeability, laden/unladen	%	8/10
	5.10	Service brake		Hydraulic
Drive	6.1	Drive motor rating S2 60 min	kW	4.5
	6.2	Lift motor rating at S3 15%	kW	11
	6.4	Battery voltage/nominal capacity	V/Ah	48/350(48/450)
	6.5	Battery weight (+/- 5%)	kg	720
Others	10.1	Operating pressure for attachments	Mpa	14.5
	10.7	Sound level at the driver's ear	dB (A)	68







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CE CERTIFICATE ISO14001:2004 ISO9001:2000

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