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Electric Pallet Stacker WHMBB16

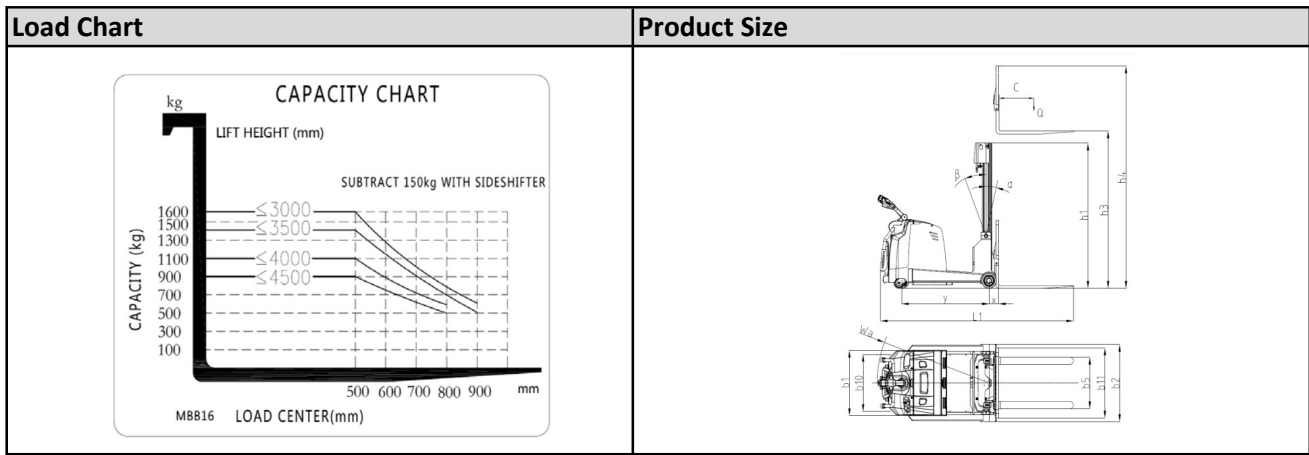


Standard

1.1	Manufacturer		MiMA	MiMA
1.2	Model		WHMBB16 (single cylinder & duplex mast)	WHMBB16SQ (triplex full free mast)
1.3	Power type		Battery	Battery
1.4	Driving style		Stand on	Stand on
1.5	Rated load	Q(kg)	1600	1600
1.6	Load center	C(mm)	500	500
1.7	Wheelbase	y(mm)	1250	1250
1.8	Wheel base, drive side	b10(mm)	678	678
1.9	Wheel base, load-bearing side	b11(mm)	967	967

Size

2.1	Tilting	α/β°	2/5 (mast tilting)	2/5 (fork tilting)
2.2	Mast closed height	h1(mm)	Refer to the mast specification	Refer to the mast specification
2.3	Free lift height	h2(mm)	Refer to the mast specification	Refer to the mast specification
2.4	Lift height	h3(mm)	Refer to the mast specification	Refer to the mast specification
2.5	Mast extended height with load backrest	h4(mm)	Refer to the mast specification	Refer to the mast specification
2.6	Overall length (pedal retracted)	L1(mm)	2765*	2765*
2.7	Overall width	b1/b2(mm)	900/1060	900/1060
2.8	Fork size	l/e/s(mm)	1070/100/35	1070/100/35
2.9	Fork carriage width	b3(mm)	/	/
2.10	Fork outside width	b5(mm)	220-710	220-710
2.11	Inner pitch of the Outrigger	b4(mm)	/	/
2.12	Handle height(min/max)	(mm)	1025/1445	1025/1445
2.13	Mast ground clearance	(mm)	70	70
2.14	Right-angle stacking aisle width (pallet 1000x1200) 1200 cross fork direction (pedal retracted)	Ast(mm)	2950*	2950*
2.15	Right-angle stacking aisle width (pallet 800x1200) 1200 cross fork direction (pedal retracted)	Ast(mm)	3070*	3070*
2.16	Turning radius (pedal retracted)	Wa(mm)	1590*	1590*



Function

3.1	Driving speed, load/unloaded	km/h	5.5/6	5.5/6
3.2	Lifting speed, load/unloaded	mm/s	100/140	100/125
3.3	Lowering speed, load/unload	mm/s	100/95	100/95
3.4	Maximum climbing ability, load/unloaded (S2-5min)	%(tanθ)	6/10	6/10
3.5	Braking method		Electromagnetic	Electromagnetic
3.6	Drive motor power (S2-60min)	kw	1.5	1.5
3.7	Lift motor power, (S3-15%)	kw	2	3
3.8	Battery, voltage/rated capacity	V/Ah	24/210 (Optional270) Lifting battery	24/210 (Optional270) Lifting battery
3.9	Battery weight	kg	185	185
3.1	Steering system		Electric steering	Electric steering

Wheels

4.1	Wheel type		PU	PU
4.2	Load wheel size	mm	φ210x85	φ210x85
4.3	Drive wheel size	mm	φ230x75	φ230x75
4.4	Stabilizing wheel size	mm	φ150x50	φ150x50
4.5	Number of wheels, front/rear (x=drive wheel)		2/1x+2	2/1x+2

Weights

5.1	Service Weight(incl.battery)	kg	2300	2500
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Others

*The length, aisle and turning radius of the whole stacker when the pedal is deployed are increased by 450mm accordingly.

Mast specifications

		Series WHMBB16 (Single mast/duplex mast , standard equipped with mast tilting)					
		Single mast	Single cylinder and duplex mast				
Model		WHMBB1616	WHMBB1625	WHMBB1630	WHMBB1635	WHMBB1640	WHMBB1645
Lift height	h3	1600mm	2500mm	3000mm	3500mm	4000mm	4500mm
Mast closed height	h1	2090mm	1760mm	2010mm	2260mm	2560mm	2810mm
Mast extended height	h4	2500mm	3410mm	3910mm	4410mm	4910mm	5410mm

		Series WHMBB16SQ (standard equipped with fork tilting)			
Model		WHMBB1640SQ	WHMBB1645SQ	WHMBB1650SQ	WHMBB1655SQ
Lift height	h3	4000mm	4500mm	5000mm	5500mm
Mast closed height	h1	1934mm	2100mm	2266mm	2432mm
Free lift	h2	989mm	1155mm	1321mm	1487mm
Mast extended height	h4	4935mm	5435mm	5935mm	6435mm