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Electric Pallet Stacker WHMBB0916/20/25/30



Standard

1.1	Manufacturer		MiMA	MiMA	MiMA	MiMA
1.2	Model		WHMBB0916	WHMBB0920	WHMBB0925	WHMBB0930
1.3	Power type		Battery	Battery	Battery	Battery
1.4	Operation Type		Pedestrian	Pedestrian	Pedestrian	Pedestrian
1.5	Rated Capacity	Q(kg)	900	900	900	900
1.6	Load Center	C(mm)	400	400	400	400
1.7	Front Overhang	x(mm)	80	80	80	80
1.8	Wheelbase	y(mm)	1150	1150	1150	1150

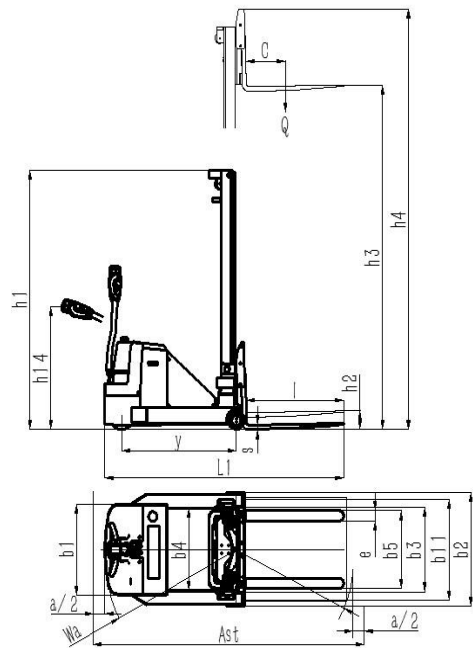
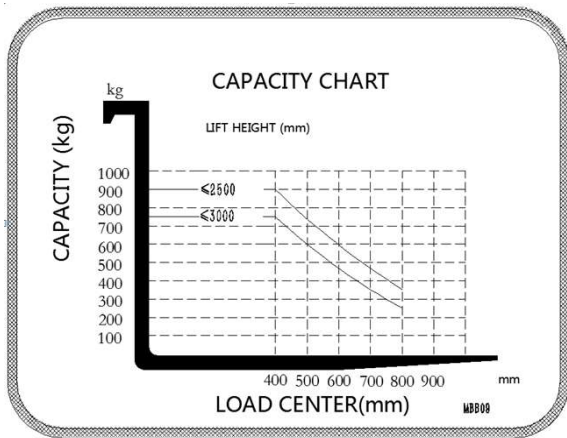
Size

2.1	Mast closed height	h1(mm)	2100	1495	1745	1995
2.2	Free lift height	h2(mm)	1600	/	/	/
2.3	Lift height	h3(mm)	1600	2000	2500	3000
2.4	Mast extended height with load backrest	h4(mm)	2200	2600	3100	3600
2.5	Overall length	L1(mm)	2235	2235	2235	2235
2.6	Overall width	b1/b2(mm)	700/875	700/875	700/875	700/875
2.7	Fork size	l/e/s(mm)	850/100/35	850/100/35	850/100/35	850/100/35
2.8	Fork carriage width	b3(mm)	650	650	650	650
2.9	Fork outside width	b5(mm)	220-600	220-600	220-600	220-600
2.10	Inner pitch of the Outrigger	b4(mm)	625	625	625	625
2.11	Handle height(min/max)	h14(mm)	820-1150	820-1150	820-1150	820-1150
2.12	Mast ground clearance	(mm)	50	50	50	50
2.13	Aisle width for pallet 1000x1200mm (C=500mm)	Ast(mm)	2740	2740	2740	2740
2.14	Aisle width for pallet 800x1200mm (C=600mm)	Ast(mm)	2850	2850	2850	2850
2.15	Turning radius	Wa(mm)	1300	1300	1300	1300

Function

3.1	Driving speed, load/unloaded	km/h	3/3.5	3/3.5	3/3.5	3/3.5
3.2	Lifting speed,load/unloaded	mm/s	145/215	145/215	145/215	145/215
3.3	Lowering speed,load/unload	mm/s	105/105	105/105	105/105	105/105
3.4	Maximum climbing ability, load/unloaded (S2-5min)	%(tanθ)	3/5	3/5	3/5	3/5
3.5	Braking method		Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic

Load chart	Product size
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Drive						
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4.1	Drive motor power (S2-60min)	kw	0.75	0.75	0.75	0.75
4.2	Lift motor power, (S3-15%)	kw	2	2	2	2
4.3	Battery, voltage/rated capacity	V/Ah	24/100	24/100	24/100	24/100
4.4	Battery weight	kg	65	65	65	65
4.5	Steering system		mechanical	mechanical	mechanical	mechanical

Wheels						
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5.1	Wheel type		PU	PU	PU	PU
5.2	Load wheel size	mm	$\phi 140 \times 100$	$\phi 140 \times 100$	$\phi 140 \times 100$	$\phi 140 \times 100$
5.3	Drive wheel size	mm	$\phi 210 \times 70$	$\phi 210 \times 70$	$\phi 210 \times 70$	$\phi 210 \times 70$
5.4	Number of wheels, front/rear(x=drive wheel)		2/1x	2/1x	2/1x	2/1x
5.5	Wheel tread,load side	b11(mm)	775	775	775	775

Weights						
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6.1	Service Weight(incl.battery)	kg	1100	1140	1160	1180
6.2	Axle capacity with no load,drive side/load size	kg	600/500	600/540	600/560	600/580
6.3	Axle capacity with full load,drive side/load size	kg	220/1780	224/1816	227/1833	230/1850