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 Registered in England No. 6498876

### Electric Pallet Stacker WHMBB1016/25/30/35



#### Standard

1.1	Manufacturer		MiMA	MiMA	MiMA	MiMA
1.2	Model		WHMBB1016	WHMBB1025	WHMBB1030	WHMBB1035
1.3	Power type		Battery	Battery	Battery	Battery
1.4	Driving style		Stand on	Stand on	Stand on	Stand on
1.5	Rated load	Q(kg)	1000	1000	1000	1000
1.6	Load center	C(mm)	500	500	500	500
1.7	Front overhang	x(mm)	100	100	100	100
1.8	Wheelbase	y(mm)	1050	1050	1050	1050

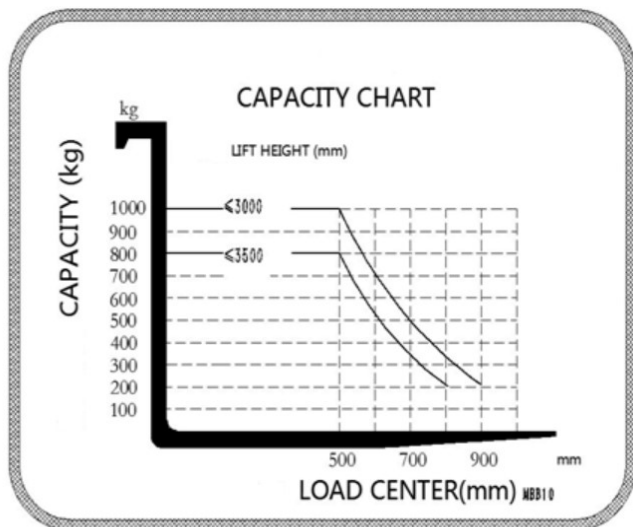
#### Size

2.1	Mast closed height	h1(mm)	2090	1760	2010	2260
2.2	Free lift height	h2(mm)	/	/	/	/
2.3	Lift height	h3(mm)	1600	2500	3000	3500
2.4	Mast extended height with load-backrest	h4(mm)	2500	3400	3900	4400
2.5	Overall length(pedal retracted)	L1(mm)	2560*	2560*	2560*	2560*
2.6	Overall width	b1/b2(mm)	994	994	994	994
2.7	Fork size	l/e/s(mm)	1070/100/35	1070/100/35	1070/100/35	1070/100/35
2.8	Fork carriage width	b3(mm)	/	/	/	/
2.9	Fork outside width	b5(mm)	220-610	220-610	220-610	220-610
2.10	Inner pitch of the Outrigger	b4(mm)	/	/	/	/
2.11	Height of tiller during operation (min/max)	(mm)	1100/1390	1100/1390	1100/1390	1100/1390
2.12	Mast ground clearance	(mm)	66	66	66	66
2.13	Stacking aisle width for pallet for 1000x1200mm(C=500mm) (pedal retracted)	Ast(mm)	2770*	2770*	2770*	2770*
2.14	Stacking aisle width for pallet for 800x1200mm(C=600mm) (pedal retracted)	Ast(mm)	2880*	2880*	2880*	2880*
2.15	Turning radius (pedal retracted)	Wa(mm)	1415*	1415*	1415*	1415*

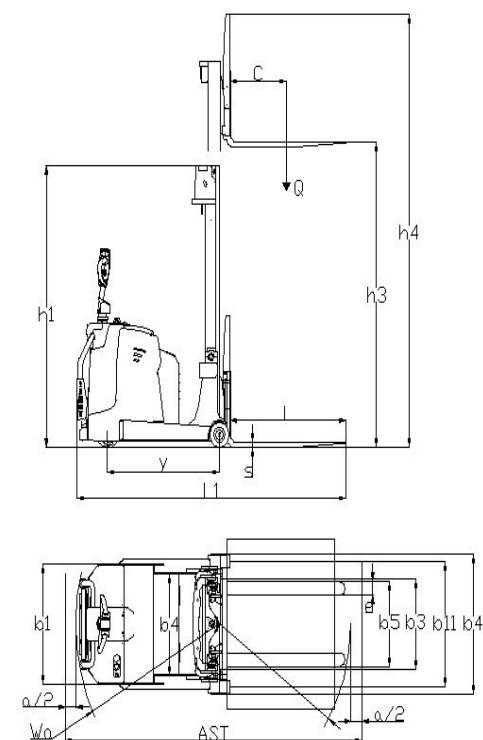
#### Others

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

## Load chart



## Product size



## Function

3.1	Driving speed, load/unloaded	km/h	4/5.8	4/5.8	4/5.8	4/5.8
3.2	Lifting speed, load/unloaded	mm/s	80/110	80/110	80/110	80/110
3.3	Lowering speed, load/unload	mm/s	120/140	120/140	120/140	120/140
3.4	Maximum climbing ability, load/unloaded (S2-5min)	%( $\tan\theta$ )	5/8	5/8	5/8	5/8
3.5	Braking method		Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic

## Drive

4.1	Drive motor power (S2-60min)	kw	1.5	1.5	1.5	1.5
4.2	Lift motor power, (S3-15%)	kw	2	2	2	2
4.3	Battery, voltage/rated capacity	V/Ah	24/210	24/210	24/210	24/210
4.4	Battery weight	kg	200	200	200	200
4.5	Steering system		Electric steering	Electric steering	Electric steering	Electric steering

## Wheels

5.1	Wheel type		PU	PU	PU	PU
5.2	Load wheel size	mm	$\phi$ 180x100	$\phi$ 180x100	$\phi$ 180x100	$\phi$ 180x100
5.3	Drive wheel size	mm	$\phi$ 230x75	$\phi$ 230x75	$\phi$ 230x75	$\phi$ 230x75
5.4	Stabilizing wheel size	mm	$\Phi$ 125x50	$\Phi$ 125x50	$\Phi$ 125x50	$\Phi$ 125x50
5.5	Number of wheels, front/rear(x=drive wheel)		2/1x+2	2/1x+2	2/1x+2	2/1x+2
5.6	Wheel base, drive side	b10(mm)	630	630	630	630
5.7	Wheel base, load-bearing side	b11(mm)	894	894	894	894

## Weights

6.1	Service Weight(incl.battery)	kg	1680	1760	1790	1820
6.2	Axle capacity with no load, drive side/load size	kg	941/739	986/774	1002/788	1019/801
6.3	Axle capacity with full load, drive side/load size	kg	367/2313	378/2382	382/2408	386/2434