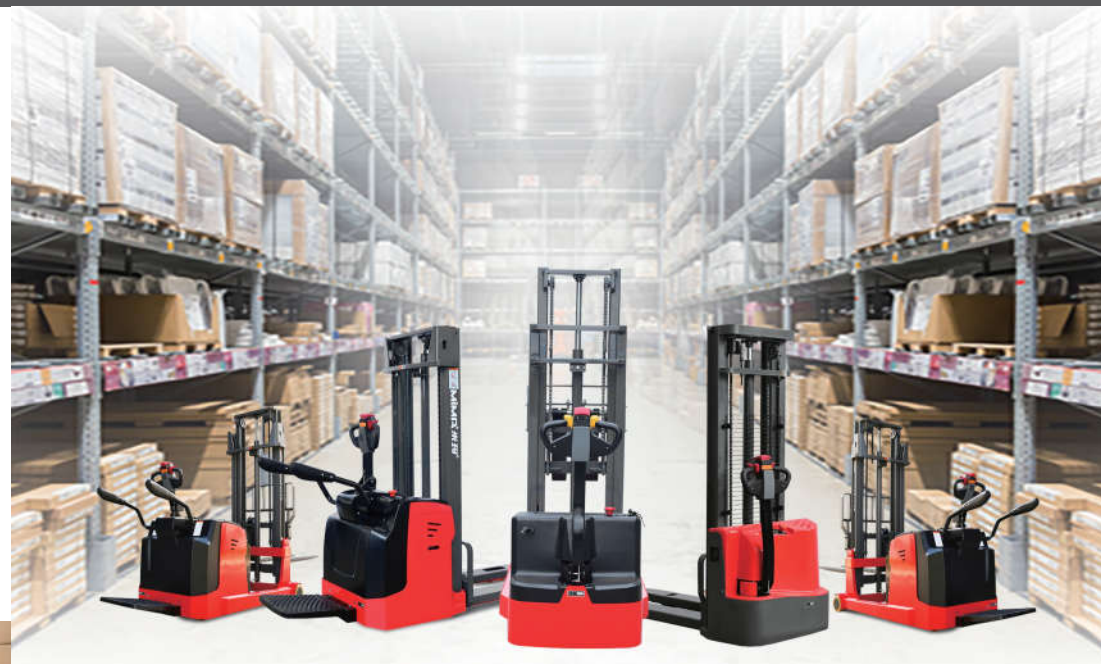


MiMA[®]



BANYITONG SCIENCE & TECHNOLOGY DEVELOPING CO.,LTD.

Add: Crossing of Daihe Road and Cailun Road, Hefei, China

Tel: +86 551 6425 5078

Fax: +86 551 6211 3877

E-mail: sales@mimachina.com

Website: www.mimaforklift.com



Website

ELECTRIC PALLET STACKER

MBD

MiMA[®]

BANYITONG SCIENCE & TECHNOLOGY DEVELOPING CO.,LTD.

 www.mimaforklift.com

MBD12/15

ELECTRIC PALLET STACKER

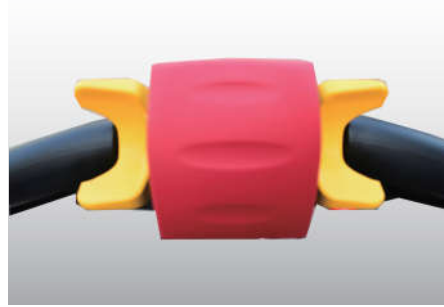
MBD12 / 15 is an electric pallet stacker with rated capacity of 1200kg / 1500kg with smart design and flexible reaction. It can also perform efficiently and safely in limited space.



PRODUCT FEATURES



- Ergonomic, compact design with long handle
- Emergency reverse driving function to protect driver safety



- H-shaped hot-rolled mast channel steel and strong mast make the vehicle have better stability and longer service life
- The mechanical structure material is solid, and key parts are made of high strength steel plate, which is strong and durable

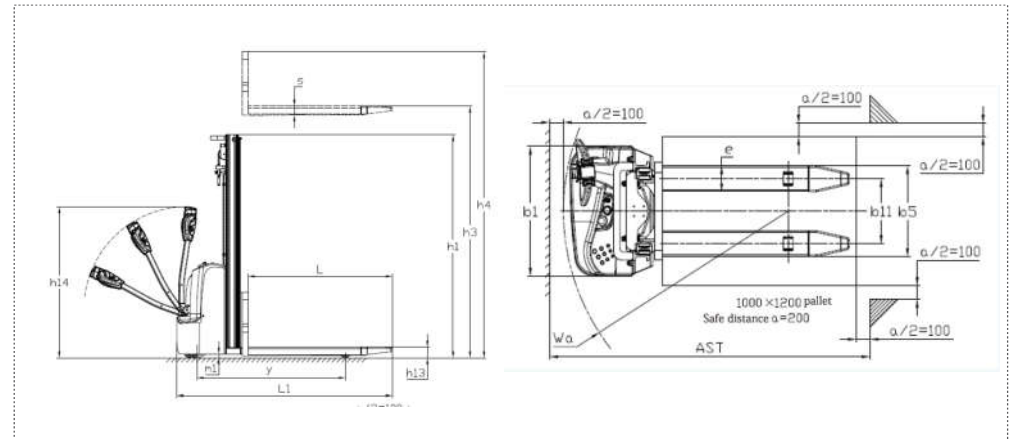


- With smaller turning radius
- Low center of gravity design, good stability of the model
- Exquisite structure, excellent details, easy assembly and disassembly, easy maintenance
- Maintenance-free battery is easier on maintaining

- The drive mechanism adopts the vertical structure drive unit, the entire drive unit has a small turning radius, low running noise, and convenient replacement and maintenance of model
- The most advanced permanent magnet brushless drive motor used in this model is carbon-free, maintenance-free, has a good regenerative braking function and ramp suppression function, and has excellent driving control



Standard			
1.1	Brand	MIMA	MiMA
1.2	Model	MBD12	MBD15
1.3	Power type	Battery	Battery
1.4	Operation type	Walking	Walking
1.5	Rated capacity	Q(kg)	1200
1.6	Load center	C(mm)	500
1.7	Wheelbase	y(mm)	1200
Weight			
2.1	Service weight(incl. battery)	560	590
2.2	Axle capacity with full load, drive side/load side	/	/
2.3	Axle capacity with no load, drive side/load side	/	/
Wheel			
3.1	Wheel type	PU	PU
3.2	Load wheel	mm	Φ80×70
3.3	Drive wheel	mm	Φ210×70
3.4	Auxiliary wheel	mm	Φ125×50
3.5	Number of wheels, front/rear(×=drive wheel)	2/1×1	2/1×1
3.6	Wheel tread, drive side	b10(mm)	/
3.7	Wheel tread, load side	b11(mm)	400
Size			
4.1	Mast closed height	h1(mm)	Refer to the mast specification
4.2	Lift height	h3(mm)	Refer to the mast specification
4.3	Mast extended height with load-backrest	h4(mm)	Refer to the mast specification
4.4	Handle height	h14(mm)	800/1200
4.5	Fork face min. ground clearance	h13(mm)	85
4.6	Overall length, pedal on/off	l1(mm)	1750
4.7	Overall width	b1(mm)	800
4.8	Fork size	l/e/s(mm)	1150/160/60
4.9	Fork outside width	b5(mm)	560
4.10	Mast ground clearance	m1(mm)	30
4.11	Aisle width for pallet 1000*1200mm (C=500mm)	Ast(mm)	2050
4.12	Aisle width for pallet 800*1200mm (C=600mm)	Ast(mm)	2100
4.13	Turning radius	Wa(mm)	1440
Function			
5.1	Driving speed(load/unload)	km/h	3.5/4
5.2	Lifting speed(load/unload)	mm/s	110/180
5.3	Lowering speed(load/unload)	mm/s	130/160
5.4	Max. gradeability(load/unload)(S2-5min)	%(tanθ)	3/6
5.5	Brake type	Electromagnetic	Electromagnetic
Drive			
6.1	Driving motor(S2-60min)	kw	0.75
6.2	Lifting motor(S3-15%)	kw	2
6.3	Battery voltage/capacity	V/Ah	2×12/80*
6.4	Battery weight	kg	50
6.5	Steering System	Mechanical steering	Mechanical steering
Other			
7.1	Battery type	Battery	Battery
7.2	Mast type	Single cylinder and duplex mast	Single cylinder and duplex mast
7.3	Lithium battery voltage / capacity	V/Ah	24/80



MBD12 Single cylinder and duplex mast			
Model		MBD1225	MBD1230
Mast closed height	h1	mm	1780
Mast extended height	h4	mm	3010
MBD15 Single cylinder and duplex mast			
Model		MBD1525	MBD1530
Mast closed height	h1	mm	1780
Mast extended height	h4	mm	3010

