



Electric Pallet Stacker MBC20 5000mm Lift Height

Characteristics

1.1	Manufacturer		MiMA
1.2	Model		MBC20
1.3	Power type		Battery
1.4	Operation		Walking
1.5	Load capacity	Q(kg)	2000
1.6	Load center distance	C(mm)	600
1.7	Wheelbase	y(mm)	1290

weights

2.1	Service Weight(incl.battery)	kg	1400
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Wheels

3.1	Tyre type		Polyurethane
3.2	Tyre size, front	mm	Φ80×70
3.3	Tyre size, rear	mm	Φ230×75
3.4	Balance wheel	mm	Φ125×50
3.5	Wheels,number front/rear (X=driven)		4/1x+1
3.6	Track width, rear	b10(mm)	530
3.7	Track width, front	b11(mm)	490

Dimensions

4.1	Mast retracted height	h1(mm)	2267
4.2	Free lift height	h2(mm)	1717
4.3	Lift height	h3(mm)	5000
4.4	Mast extended height	h4(mm)	5500
4.5	Handle height Min./Max.	h14(mm)	700/1300
4.6	Ground clearance,Min fork surface	h13(mm)	90
4.7	Overall length	l1(mm)	1990
4.8	Overall width	b1/b2(mm)	820
4.9	Fork dimensions	l/e/s(mm)	1150/190/58
4.10	Fork outside spread	b5(mm)	570
4.11	Ground clearance below mast	mm	30
4.12	Aisle width with pallet 1000*1200mm, C=500mm	Ast(mm)	2375
4.13	Aisle width with pallet 800*1200mm, C=600mm	Ast(mm)	2375
4.14	Turning radius	Wa(mm)	1490

Performance

5.1	Driving speed, laden/unladen	km/h	5.0/6.0
5.2	Lift speed, laden/unladen	mm/s	90/130
5.3	Lowering speed, laden/unladen	mm/s	95/100
5.4	Gradeability, laden/unladen(S2-5min)	%(tanθ)	6/12
5.5	Service brake		Electromagnetic

Drive

6.1	Drive motor, rating S2=60	kw	1.5
6.2	Lift motor, rating S3=15%	kw	3
6.3	Battery voltage/nominal capacity	V/Ah	24/200 Lithium battery
6.4	Battery weight	kg	79
6.5	Steering system		Mechanical steering

Others

7.1	Battery replacement method		Side pull
7.2	Mast type		Triplex mast