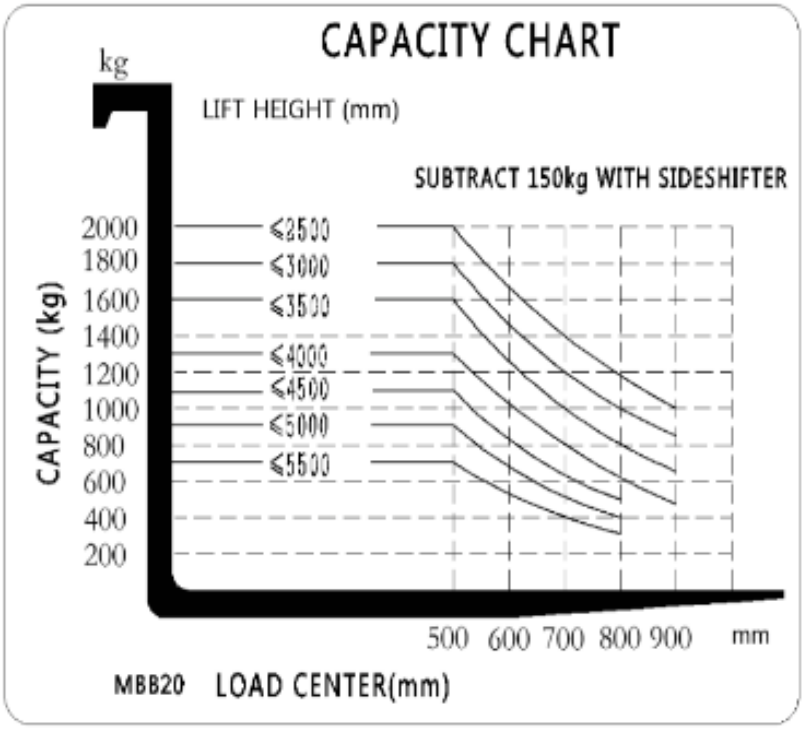
MBB 20 STAND-ON COUNTERBALANCE STACKER

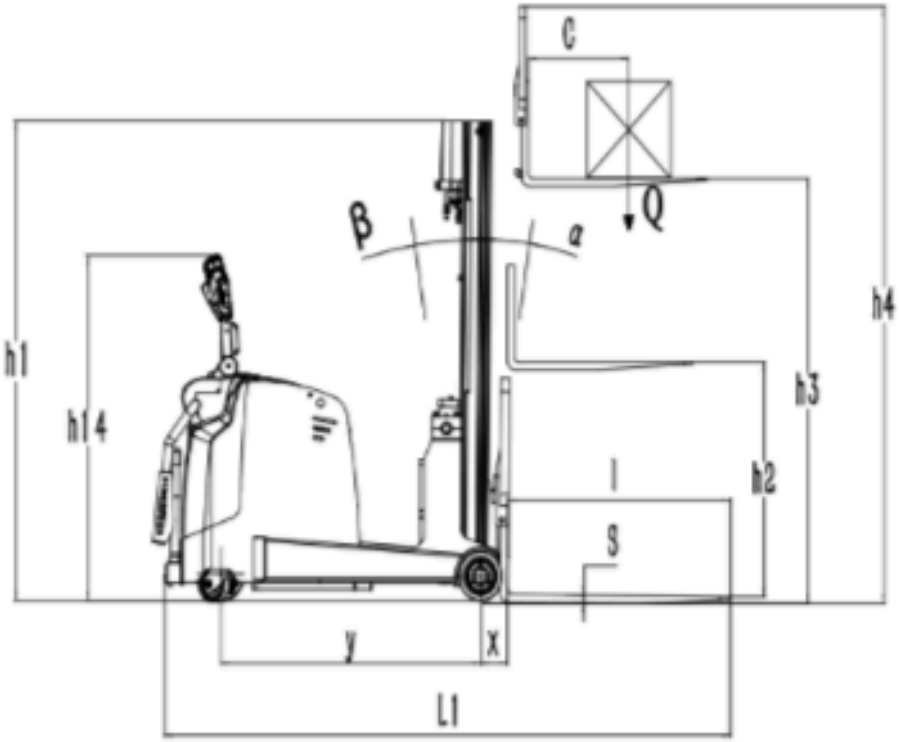


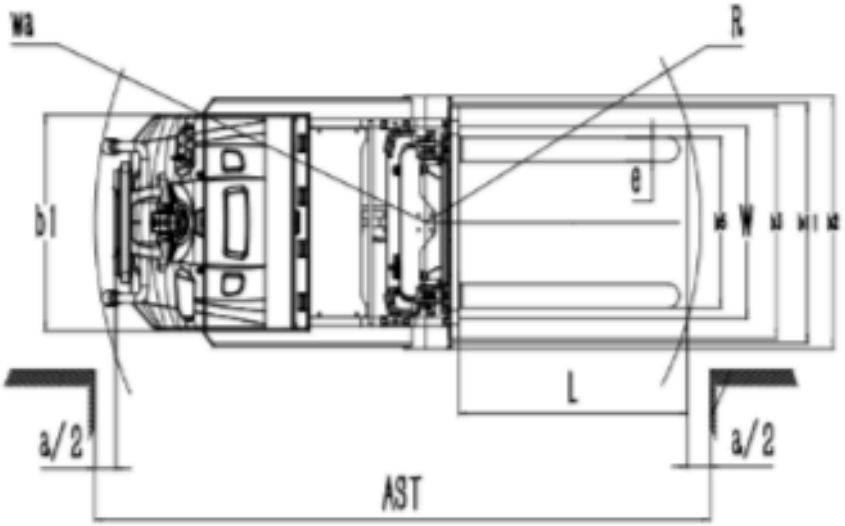
- **Forks size:** 1070/122/40 (l/e/s(mm))
- **Travelling speed:** laden/unladen (km/h) fully loaded 5.5/unloaded 6
- **Service weight (incl. battery):** 2600kg
- **The charger is a separate intelligent charger**
- **Ground clearance below mast:** 80mm
- **Gradability, laden/unladen:** 6/10 Wa(mm)
- **Battery weight:** 235kg
- **Lift speed, laden/unladen:** 100/140 (mm/s)
- **travelling speed, laden/unladen:** 5.5/6 (km/h)
- **Turning radius (pedal folded):** 1730mm
- **Aisle width with pallet 800*1200mm(with pedal folded:** 3270mm
- **Aisle width with pallet 1000*1200mm(with pedal folded):** 3150mm

Electric Counterbalanced Stacker MBB20				
Characteristics				
1.1	Manufacturer		MiMA	MiMA
1.2	Model		MBB20	MBB20
	Technical code		MBB20(duplex mast)	MBB20 (triplex full free mast)
1.3	Power type		Battery	Battery
1.4	Operation		Stand on	Stand on
1.5	Load capacity	Q(kg)	2000	2000
1.6	Load center distance	C(mm)	500	500
1.7	Front overhang	x(mm)	130	/
1.8	Wheelbase	y(mm)	1450	1450
Weights				
2.1	Service Weight(incl.battery)	kg	2550	2750
Wheels				
3.1	Wheel type,Driving/loading		Polyurethane	Polyurethane
3.2	Wheel size, loading	mm	φ210x55	φ210x55
3.3	Wheel size, driving	mm	φ254x100	φ254x100
3.4	Wheels,number front/rear (X=driven)		4/1x	4/1x
3.5	Track width, loading	b11(mm)	906	906
Dimensions				
4.1	Mast tilt angle front/rear	α/β°	2/5(mast tilt)	2/5(fork tilt)
4.2	Mast closed height	h1(mm)	Refer to the mast specification	Refer to the mast specification
4.3	Free lift height	h2(mm)	Refer to the mast specification	Refer to the mast specification
4.4	Lift height	h3(mm)	Refer to the mast specification	Refer to the mast specification
4.5	Mast extended height with load-backrest	h4(mm)	Refer to the mast specification	Refer to the mast specification
4.6	Overall length(pedal folded)	L1(mm)	2990	2990
4.7	Overall width	b1/b2(mm)	900/≤1190	900/≤1190
4.8	Fork dimension	l/e/s(mm)	1070/122/40	1070/122/40
4.9	Fork outside distance	b5(mm)	264-732	264-732
4.1	Handle height Min./Max.	(mm)	1045/1465	1045/1465
4.11	Mast ground clearance	(mm)	80	80
4.12	Aisle width(with pallet 1000*1200mm),	Ast(mm)	3150	3150
4.13	Aisle width(with pallet 800*1200mm),	Ast(mm)	3270	3270
4.14	Turning radius (pedal folded)	Wa(mm)	1730	1730
Performance				
5.1	travelling speed, laden/unladen	km/h	5.5/6	5.5/6
5.2	Lift speed, laden/unladen	mm/s	100/140	75/120
5.3	Lowering speed, laden/unladen	mm/s	100/95	160/130
5.4	Gradeability, laden/unladen	%(tanθ)	6/10	6/10
5.5	Service brake		Electromagnetic	Electromagnetic
Drive				
6.1	Drive motor, rating S2=60	kw	2.5 AC	2.5 AC
6.2	Lift motor, rating S3=15%	kw	3 DC	3 DC
6.3	Lead acid battery voltage/nominal capacity	V/Ah	24/270 (Side pull)	24/270 (Side pull)
6.4	Battery weight	kg	235	235
6.5	steering system		EPS	EPS
When the foot pedal is extended, the overall vehicle length, aisle width, and turning radius increase by 450mm accordingly.				

Mast specification								
Model			MBB20-16	MBB20-25	MBB20-30	MBB20-35	MBB20-40	MBB20-45
Lift height	h3	mm	1600	2500	3000	3500	4000	4500
Mast closed height	h1	mm	2100	1770	2020	2270	2570	2820
Mast extended height	h4	mm	2500	3435	3935	4435	4935	5435
MBB20SQ series			**Triplex full free mast(with fork tilt)**					
Model			MBB20-40SQ	MBB20-45SQ	MBB20-50SQ	MBB20-55SQ		
Lift height	h3	mm	4000	4500	5000	5500		
Mast closed height	h1	mm	1934	2100	2266	2432		
Free lift height	h2	mm	989	1155	1321	1487		
Mast extended height	h4	mm	4935	5435	5935	6435		







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