



GREENPOWER
FORKLIFTS

MBC 20 STACKER TRUCK

LITHIUM

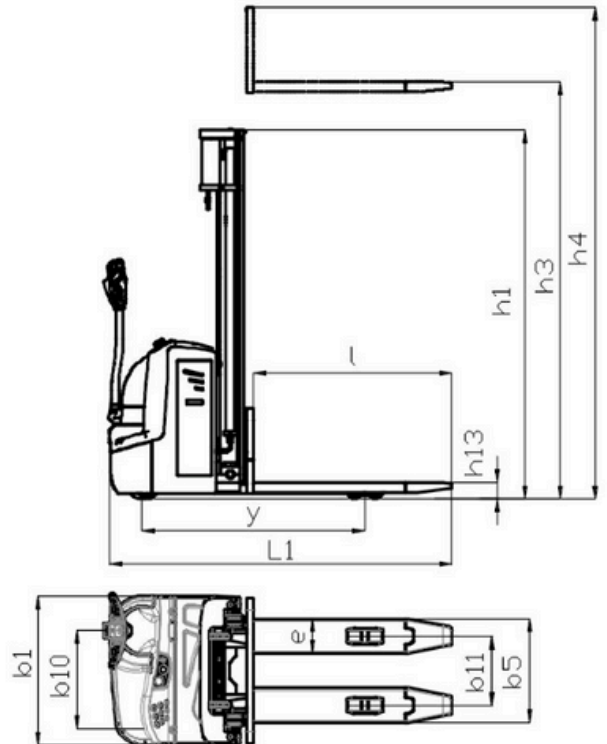


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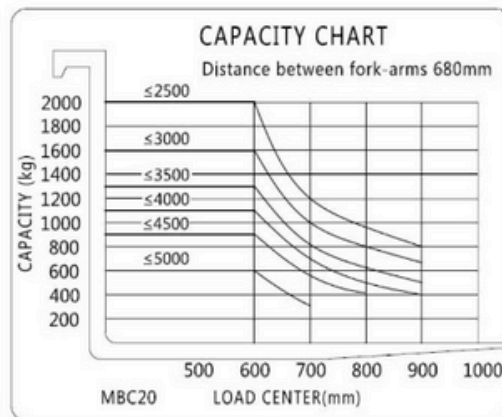
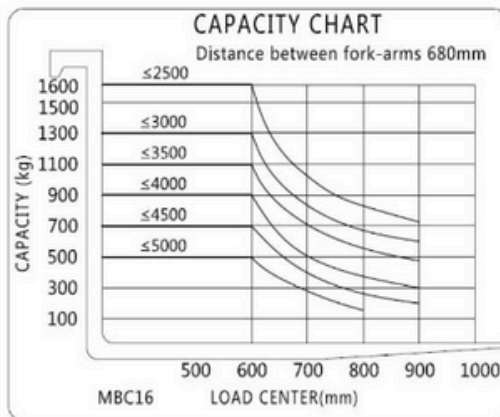
MBC 20 STACKER TRUCK

Overview

Welcome to Greenpower Forklifts, the UK's leading destination for advanced Greenpower Forklift solutions. Our centrally located distribution depot stocks the complete Greenpower equipment range, including Forklift Trucks, Pallet Trucks and Pallet Stackers. Experience the future of forklifts with our all-electric innovations, designed for maximum performance and environmental sustainability. Learn why our forklifts excel against the competition in the market, offering unbeatable prices without compromising on quality. Elevate your business efficiency and join the Greenpower revolution with Greenpower Forklifts today.



Load chart



Electric Pallet Stacker MBC20 Series

Characteristics					
1.1	Manufacturer		MiMA	MiMA	MiMA
1.2	Model		MBC20	MBC20	MBC20
1.3	Power type		Battery	Battery	Battery
1.4	Operation		Walking	Walking	Walking
1.5	Load capacity	Q(kg)	2000	2000	2000
1.6	Load center distance	C(mm)	600	600	600
1.7	Wheelbase	y(mm)	1290	1290	1290
weights					
2.1	Service Weight(incl.battery)	kg	1150	1200	1300
Wheels					
3.1	Tyre type		Polyurethane	Polyurethane	Polyurethane
3.2	Tyre size, front	mm	Φ80×70	Φ80×70	Φ80×70
3.3	Tyre size, rear	mm	Φ230×75	Φ230×75	Φ230×75
3.4	Balance wheel	mm	Φ125×50	Φ125×50	Φ125×50
3.5	Wheels,number front/rear (X=driven)		4/1x+1	4/1x+1	4/1x+1
3.6	Track width, rear	b10(mm)	530	530	530
3.7	Track width, front	b11(mm)	490	490	490

Dimensions					
4.1	Mast retracted height	h1(mm)	Refer to the mast specification	Refer to the mast specification	Refer to the mast specification
4.2	Free lift height	h2(mm)	Refer to the mast specification	Refer to the mast specification	Refer to the mast specification
4.3	Lift height	h3(mm)	Refer to the mast specification	Refer to the mast specification	Refer to the mast specification
4.4	Mast extended height	h4(mm)	Refer to the mast specification	Refer to the mast specification	Refer to the mast specification
4.5	Handle height Min./Max.	h14(mm)	700/1300	700/1300	700/1300
4.6	Ground clearance,Min fork surface	h13(mm)	90	90	90
4.7	Overall length	l1(mm)	1990	1990	1990
4.8	Overall width	b1/b2(mm)	820	820	820
4.9	Fork dimensions	l/e/s(mm)	1150/190/58	1150/190/58	1150/190/58
4.10	Fork outside spread	b5(mm)	680*	680*	680*
4.11	Ground clearance below mast	mm	30	30	30
4.12	Aisle width with pallet 1000*1200mm, C=500mm	Ast(mm)	2375	2375	2375
4.13	Aisle width with pallet 800*1200mm, C=600mm	Ast(mm)	2375	2375	2375
4.14	Turning radius	Wa(mm)	1490	1490	1490

Performance					
5.1	Driving speed, laden/unladen	km/h	5.0/6.0	5.0/6.0	5.0/6.0
5.2	Lift speed, laden/unladen	mm/s	90/130	125/175	90/130
5.3	Lowering speed, laden/unladen	mm/s	110/130	115/135	95/100
5.4	Gradeability, laden/unladen(S2-5min)	%(tanθ)	6/12	6/12	6/12
5.5	Service brake		Electromagnetic	Electromagnetic	Electromagnetic

Drive					
6.1	Drive motor, rating S2=60	kw	1.5	1.5	1.5
6.2	Lift motor, rating S3=15%	kw	2	3	3
6.3	Lead acid battery voltage/nominal capacity	V/Ah	24/210*	24/210*	24/210*
6.4	Battery weight	kg	180	180	180
6.5	Steering system		Mechanical steering	Mechanical steering	Mechanical steering

Others					
7.1	Battery replacement method		Side pull	Side pull	Side pull
7.2	Mast type		Single cylinder duplex mast	Double cylinders duplex mast	Triplex mast

Mast specification

Single mast			
Model			MBC1616 MBC2016
Lift height	h3	mm	1600
Mast retracted height	h1	mm	2090
Mast extended height	h4	mm	2090
Free lift height	h2	mm	1600

Single cylinder duplex mast							
Model			MBC1625 MBC2025	MBC1630 MBC2030	MBC1635 MBC2035	MBC1640 MBC2040	MBC1645 MBC2045
Lift height	h3	mm	2500	3000	3500	4000	4500
Mast retracted height	h1	mm	1775	2025	2275	2575	2825
Mast extended height	h4	mm	3000	3500	4000	4500	5000

Double cylinders duplex mast							
Model			MBC1625 MBC2025	MBC1630 MBC2030	MBC1635 MBC2035	MBC1640 MBC2040	MBC1645 MBC2045
Lift height	h3	mm	2500	3000	3500	4000	4500
Mast retracted height	h1	mm	1775	2025	2275	2575	2825
Mast extended height	h4	mm	3000	3500	4000	4500	5000

Triplex mast					
Model			MBC1640 MBC2040	MBC1645 MBC2045	MBC1650 MBC2050
Lift height	h3	mm	4000	4500	5000
Mast retracted height	h1	mm	1933	2100	2267
Mast extended height	h4	mm	4500	5000	5500