MBG 16 PANTOGRAPH ELECTRIC STACKER



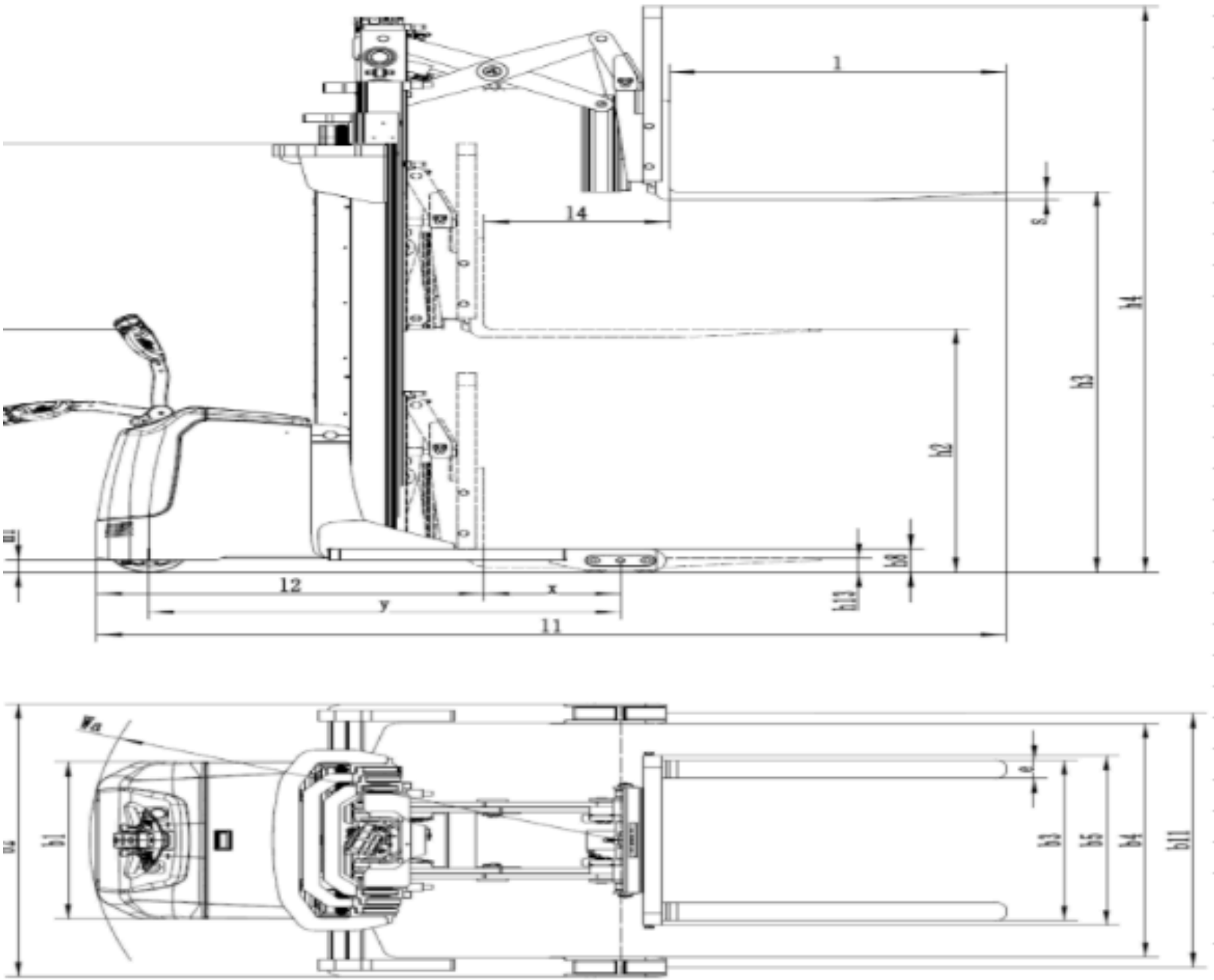
- **Model: MBG16**
- **Fuel Type: Lithium Electric**
- **Side Shift: Optional**
- **Capacity: 1600kgs**
- **Lift Height: 3.6m Up to 5.0m**
- **Mast Type: 1930 / 2400mm**

Additional Info:

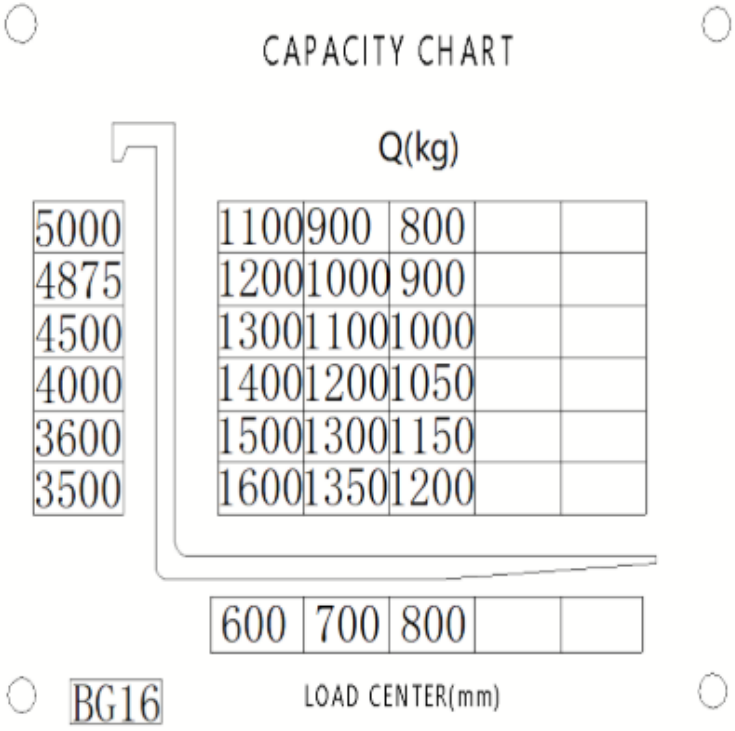
- single scissors fork, reach distance 585mm – (Pantograph stacker).
- Load capacity: 1500kg@600mm load center @3600mm height.
- 24V/200Ah Lithium battery.
- Fork length 1220mm.
- Intelligent charger: single phase 240V50Hz – With tilt function

Specification				
Characteristics	1.1	Brand		MiMA
	1.2	Model		MBG16
	1.3	Power type		Battery
	1.4	Operation		Walkie type
	1.5	Load capacity	Q(t)	1.6
	1.6	Load center distance	C(mm)	600
	1.7	Front overhang	x(mm)	433
	1.8	Wheelbase	y(mm)	1500
Weights	2.1	Service weight(incl.battery)	kg	2375
	2.2	Axle loading, laden front/rear	kg	1248/2652(Retracted)/502/3398(extended)
	2.3	Axle loading, unladen front/rear	kg	1426/874(Retracted)/1308/992(extended)
Wheels	3.1	Tyre type,front/rear		PU/PU
	3.2	Tyre size, front	in/mm	10×4/φ254×102
	3.3	Tyre size, rear	in/mm	5×2.87/φ127×73
	3.4	Wheels,number front/rear (X=driven)		1x/4
	3.5	Track width, rear	b11(mm)	965～1375
Dimensions	4.1	Fork tilt,front/ rear	α/β(°)	3/5
	4.2	Mast retracted height	h1(mm)	2324
	4.3	Free lift height	h2(mm)	1225
	4.4	Lift height	h3(mm)	4875
	4.5	Mast extended height	h4(mm)	5921
	4.6	Handle height, Min./Max.	h14(mm)	865/1318
	4.7	Straddle height	h8(mm)	127
	4.8	Fork height,lowered	h13(mm)	76
	4.9	Overall length	l1(mm)	2891
	4.1	Length to fork face	l2(mm)	1232
	4.11	Overall width	b1/b2(mm)	850/1070
	4.12	Fork dimensions	l/e/s(mm)	1070/100/45
	4.13	Fork carriage width	b3(mm)	920
	4.14	Fork outside spread	b5(mm)	320～872
	4.15	Straddle inner distance	b4(mm)	860～1270
	4.16	Reach distance	l4(mm)	585
	4.17	Ground clearance below mast,laden	ml(mm)	67
	4.18	Turning radius	Wa(mm)	1688
Performance	5.1	Driving speed, laden/unladen	km/h	6/6
	5.2	Lift speed, laden/unladen	m/s	0.12/0.19
	5.3	Lowering speed, laden/unladen	m/s	0.245/0.245
	5.4	Max.gradeability, laden/unladen (S2-5min)	%	5/8
	5.5	Brake type		Electromagnetic
Drive	6.1	Drive motor, rating S2=60	kw	2.5AC
	6.2	Lift motor, rating S3=15%	kw	3.2DC
	6.3	Lead acid battery voltage/capacity K5	(V)/(Ah)	24/350
	6.4	Battery weight	kg	275
Note:	1.Standard with telescopics fork and tilt function, optional fork postioner.			
	2.This is the data of the standard model, which will change according to the different configuration.			
	3.Optional full proportional hydraulic control.			
	4.Front wheel（drive side）, rear wheel（load side）.			




l
14
s
h4
h3
h2
m
b8
b13
12
y
x
11
Wa
b1
b2
e
b3
b5
b4
b11

Mast parameter						
Triplex full free mast						
Model	**1MBG16**	**16SQ-50**	**16SQ-48**	**16SQ-45**	**16SQ-40**	**16SQ-36**
Lift height	h3(mm)	5000	4875	4500	4000	3600
Mast extended heigh	h4(mm)	6071	5921	5571	5071	4671
Mast restracted heig	h1(mm)	2390	2324	2223	2056	1923
Free lift height	h2(mm)	1291	1225	1124	957	824
Note:[1]: Above model standard with scissors fork and tilt function;						
[2]: The free lift height is the lift height without protruding mast.						



MiMA®
FORKLIFTS UK

MiMA Forklifts UK
Unit C Doranda Way,
Birmingham, West Bromwich
B71 4LE

0121 368 9288