



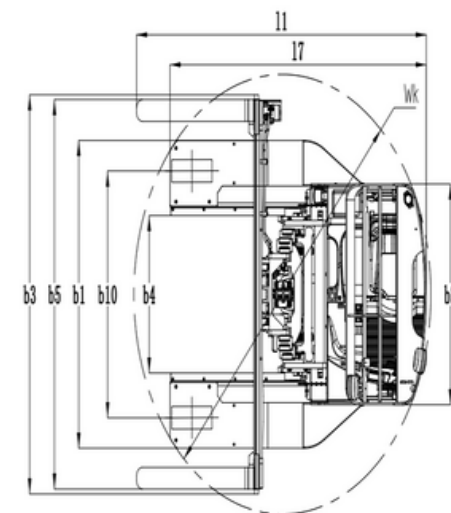
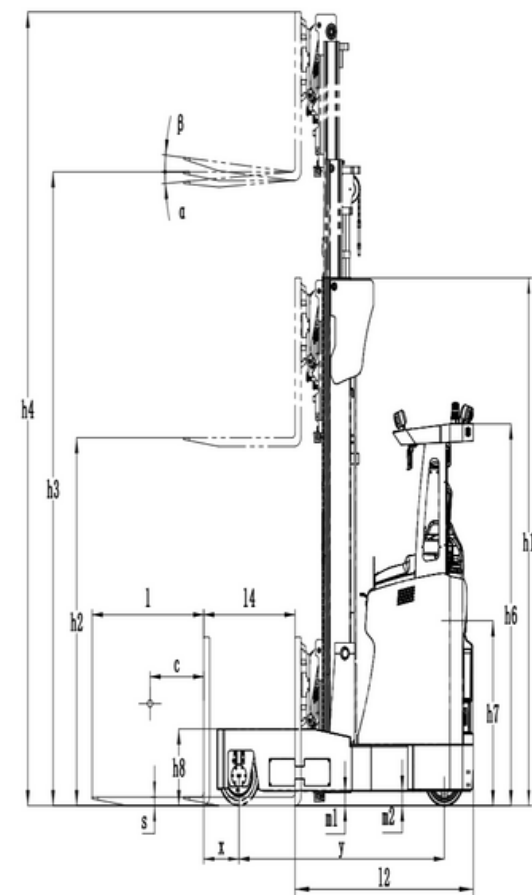
- **Model:** MiMA MQZ 25 & 30
- **Fuel Type:** Lithium electric
- **Capacity:** 3000kgs
- **Lift Height:** 5.0m To 8.5mm
- **Mast Type:** 3 Stage Full Free Lift
- **Carriage:** Fork Positioner

Specification					
characteristics	1.1	Brand		MIMA	MIMA
	1.2	Model		MQZ25	MQZ30
		Vehicle code		MQZ25M	MQZ30M
	1.3	Power type		Battery	Battery
	1.4	Operation		Seated	Seated
	1.5	Load capacity	Q(kg)	2500	3000
	1.6	Load center distance	C(mm)	500	500
	1.7	Front overhang	x(mm)	263	263
	1.8	Wheelbase	y(mm)	1650	1750
Wheels	3.1	Tyre type		Polyurethane	Polyurethane
	3.2	Tyre size, front		φ343×130	φ343×130
	3.3	Tyre size, rear		φ343×140	φ343×140
	3.4	Wheels, number front/rear (X=driven)		2/1X	2/1X
	3.5	Track width, front	b10(mm)	1420	1420
Dimensions	4.1	Fork tilt angle front/rear	α/β(°)	1/5	1/5
	4.2	Mast retracted 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	h4(mm)	Refer to the mast specification	Refer to the mast specification
	4.6	Overhead guard height	h6(mm)	2200	2200
	4.7	Seat height	h7(mm)	1117	1117
	4.8	Support arms height	h8(mm)	440	440
	4.9	Overall length	l1(mm)	2583	2583
	4.1	Length to fork face	l2(mm)	1513	1513
	4.11	Overall width	b1/b2(mm)	1770/1270	1770/1270
	4.12	Fork dimensions	s/e/l(mm)	50/125/1070	50/125/1070
	4.13	Backrest width	b3(mm)	2300	2300
	4.14	Fork outside spread	b5(mm)	2240~400	2240~400
	4.15	Support arms inner width	b4(mm)	906	906
	4.16	Reach distance	l4(mm)	656	740
	4.17	Ground clearance below mast, laden	m1(mm)	75	75
	4.18	Ground clearance below wheelbase, laden	m2(mm)	83	83
	4.19	Aisle width	Ast(mm)	Refer to the aisle specification	Refer to the aisle specification
	4.2	Chassis to support leg length	l7(mm)	2083	2183
	4.21	Unladen in-situ rotation diameter	Wk(mm)	2450	2450
Performance	5.1	Travelling speed, laden/unladen	km/h	10	10
	5.2	Sideways travelling speed, laden/unladen	km/h	8	8
	5.3	Lift speed, laden/unladen	mm/s	320/400	300/400
	5.4	Lowering speed, laden/unladen	mm/s	420/420	420/420
	5.5	Straight driving gradeability, laden/unladen	%	10	10
	5.6	Sideways driving gradeability, laden/unladen	%	8	8
	5.7	Service brake		Electromagnetic	Electromagnetic
	5.8	Parking brake		Electromagnetic	Electromagnetic
Others	6.1	Drive motor, rating S2=60	kw	AC8	AC8
	6.2	Lift motor, rating S3=15%	kw	AC14	AC14
	6.3	Battery voltage/nominal capacity K5	V/Ah	48/700	48/700
	6.4	Battery weight	kg	1100	1100
	6.5	600AH Lithium battery voltage/nominal capacity/weight	V/Ah/kg	48/600/320	48/600/320
	6.6	460AH Lithium battery voltage/nominal capacity/weight	V/Ah/kg	48/460/222	48/460/222

Note:

1. The driving speed, lifting and lowering speed, climbing ability, and other parameters listed in the table above are for the standard model with a three-stage mast.

2. The data for the standard models in the series may vary depending on the configuration.

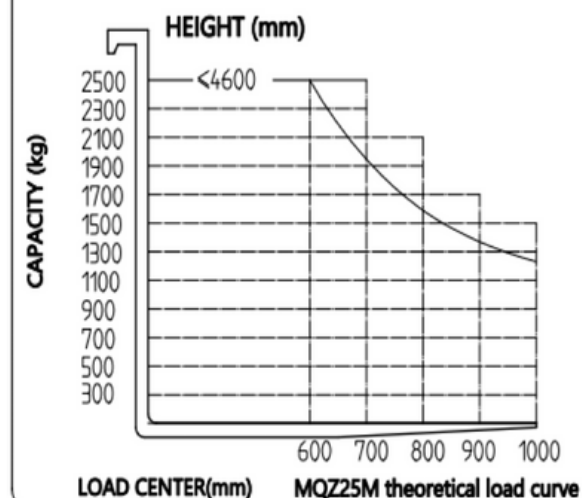
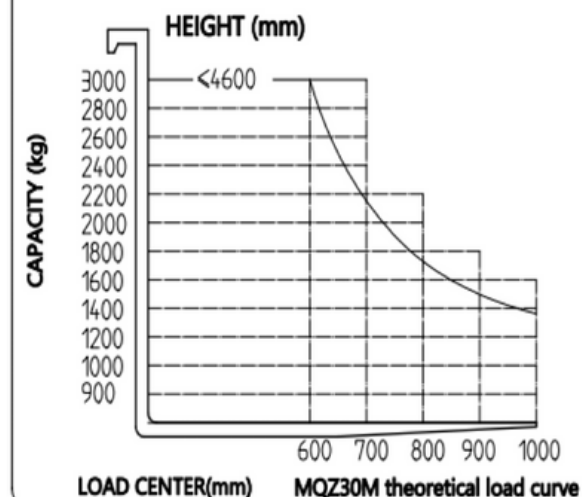


Mast Parameter Table MQZ25M/MQZ30M

Mast type	Mast model	Lifting height	Mast retracted height	Mast extended height	Free lifting height	Service Weight(incl.battery)		Fork tilt angle
		mm				±3%kg		(°)
	Model►MQZ25M/MQZ30M					25M	30M	whole series
Triplex full free mast	105T	10500	4570	11419	3601	5420	5445	2/4
	100T	10000	4403	10919	3434	5369	5394	2/4
	95T	9500	4236	10419	3267	5317	5342	2/4
	90T	9000	4070	9919	3101	5266	5291	2/4
	85T	8500	3805	9419	2836	5215	5240	2/4
	80T	8000	3635	8919	2666	5164	5189	2/4
	75T	7500	3470	8419	2501	5112	5137	2/4
	71T	7150	3355	8069	2386	5071	5096	2/4
	70T	7000	3305	7919	2336	5061	5086	2/4
	67T	6750	3220	7669	2251	5030	5055	2/4
	65T	6500	3035	7419	2066	5010	5035	2/4
	63T	6300	2970	7219	2001	4989	5014	2/4
	60T	6000	2870	6919	1901	4958	4983	2/4
	57T	5700	2770	6619	1801	4928	4953	2/4
	54T	5400	2670	6319	1701	4897	4922	2/4
	48T	4800	2470	5719	1501	4835	4860	2/4
	46T	4600	2405	5519	1436	4815	4840	2/4
	43T	4300	2305	5219	1336	4784	4809	2/4
	40T	4000	2205	4919	1236	4753	4778	2/4
	36T	3600	2070	4519	1101	4712	4737	2/4

Note:

1. The vehicle weight parameters are for reference only.
2. The weight of the MQZ25M body (after mast removal) is approximately 3175 kg.
3. The weight of the MQZ30M body (after mast removal) is approximately 3200 kg.

CAPACITY CHART
MQZ25M

CAPACITY CHART
MQZ30M


Mast and load parameter table MQZ30M						
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Mast type	Mast model	Lifting height	Load Capacity					
		mm	kg					
	C(mm)➤@		500	600	700	800	900	1000
Triplex full free mast	105T	10500	950	790	670	590	520	475
	100T	10000	1200	1000	850	750	660	600
	95T	9500	1350	1125	960	840	750	675
	90T	9000	1600	1330	1140	1000	880	800
	85T	8500	1750	1530	1360	1105	950	870
	80T	8000	1900	1665	1480	1200	1030	945
	75T	7500	2000	1750	1560	1260	1085	995
	71T	7150	2150	1880	1675	1355	1165	1070
	70T	7000	2150	1880	1675	1355	1165	1070
	67T	6750	2250	1970	1750	1420	1220	1120
	65T	6500	2300	2010	1790	1450	1245	1145
	63T	6300	2350	2060	1830	1480	1270	1170
	60T	6000	2400	2100	1870	1515	1300	1190
	57T	5700	2450	2145	1910	1545	1330	1215
	54T	5400	2600	2160	1850	1625	1440	1300
	48T	4800	2800	2330	2000	1750	1550	1400
	46T	4600	3000	2405	2140	1890	1580	1490
	43T	4300	3000	2625	2335	1890	1625	1490
	40T	4000	3000	2625	2335	1890	1625	1490
	36T	3600	3000	2625	2335	1890	1625	1490
33T[2]	3300	3000	3000	2670	2160	1860	1700	

Note:

- 1.The overall load capacity with additional attachments must be calculated.
- 2.The lifting height of 3300mm is only the parameter of the load loss height, and there is no model with this height in practice.

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2. The lifting height of 3300mm is only the parameter of the load loss height, and there is no model with this height in practice.

Minimum Aisle Width Parameter Table

MQZ25M~MQZ30M							
Pallet dimension	W	Pallet length along fork					
L	mm	1000	1200	1400	1600	1800	2000
Pallet length cross fork	5000	3013	3213	3413	3613	3813	4013
	6000	3113	3313	3513	3713	3913	4113
	7000	3213	3413	3613	3813	4013	4213
	8000	3313	3513	3713	3913	4113	4313
	9000	3413	3613	3813	4013	4213	4413
	10000	3513	3713	3913	4113	4313	4513
	12000	3613	3813	4013	4213	4413	4613

Note:

1. The table data represents the minimum stacking aisle width, which is the net aisle between two racks.

When the load protrudes from the racks, the aisle width must be increased accordingly.

It is recommended to add 2 times the actual protruding load size or more.

2. The efficiency aisle width should be increased by 100 or more.

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F O R K L I F T S U K

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