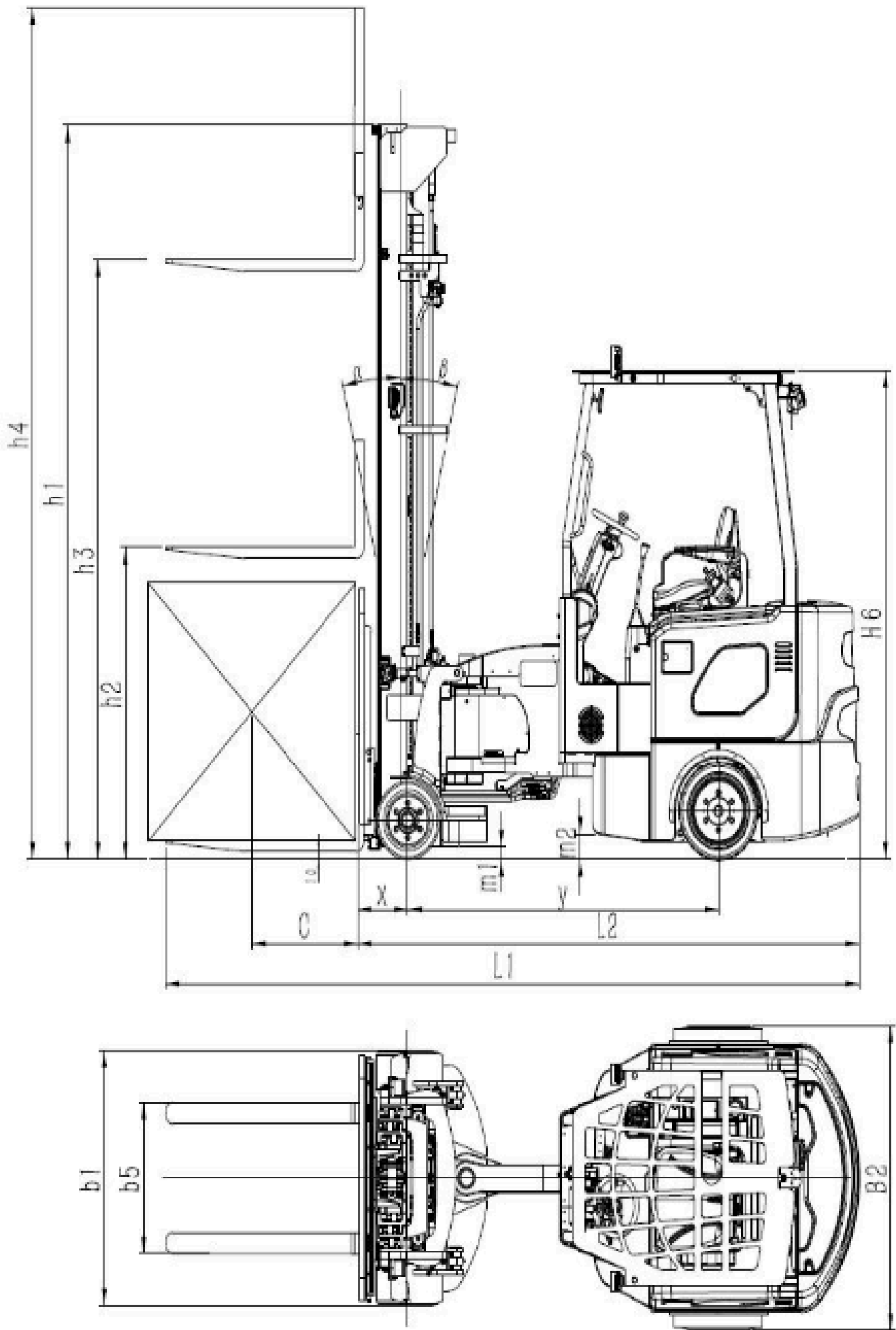


**MJD25 Articulated Forklift / 4 Stage Quad Mast
Capacity: 2500Kgs | Lift Height: 11m****2.5 Tonne Articulated Lithium**

- The MiMA MJD25 is a high-performance articulated forklift with a 2.5-tonne lifting capacity and a quad (4-stage) mast, making it ideal for high lift applications in tight warehouse environments.
- Its ultra-compact design enables smooth container entry and efficient operation in narrow aisles, maximising storage space.
- Powered by a maintenance-free lithium-ion battery with intelligent fast-charging capabilities, the MJD25 offers zero-emission performance and seamless indoor-outdoor versatility, making it the ideal solution for modern, sustainable materials handling.
- uniquely designed to work both inside containers and narrow warehouse aisles — eliminating the need for multiple machines. From unloading lorries and containers to placing pallets directly into high-density racking, the MJD25 streamlines your workflow and reduces handling time.
- While the MJ20's front-drive motor provides anti-slip and climbing capabilities, the MJD25's dual rear-drive motors take performance to the next level.
- PU front wheels offer great load support and stability, while Rubber rear tires ensure comfort and better traction

Specification				
Characteristics	1.1	Brand		MIMA
	1.2	Model		MJ25
		Vehicle Code		1MJD25M-F
	1.3	Power type		Battery
	1.4	Operation type		Seated
	1.5	Load capacity	Q(kg)	2500
	1.6	Load center	C(mm)	600
	1.7	Front overhang	x(mm)	310
	1.8	Wheelbase	y(mm)	1815
Weight	2.1	Service weight (with/without battery)	kg	8220/7960 (Mast height 7m)
	2.2	Axle loading, laden front/rear	kg	5680/5040 (Mast height 7m)
	2.3	Axle loading, unladen front/rear	kg	1800/6420 (Mast height 7m)
Wheels	3.1	Tyre type, front/rear		PU/Solid Rubber
	3.2	Tyre size, front		365×200
	3.3	Tyre size, rear		18×9× 12.125
	3.4	Wheels, number front/rear (X=driven)		2/2X
	3.5	Track width, front	b10(mm)	1100
	3.6	Track width, rear	b11(mm)	1190
Dimensions	4.1	Mast tilt angle front/rear	$\alpha/\beta(^{\circ})$	Refer to the mast specification
	4.2	Mast retracted height (Mast full height)	h1(mm)	Refer to the mast specification
	4.3	Free Lift height	h2(mm)	Refer to the mast specification
	4.4	Lift height	h3(mm)	Refer to the mast specification
	4.5	Mast extended height	h4(mm)	Refer to the mast specification
	4.6	Overhead guard height	h6(mm)	2260
	4.7	Seat height	h7(mm)	1250
	4.8	Towing hook height	h10(mm)	290
	4.9	Overall length	L1(mm)	4042
	4.10	Length to fork face	L2(mm)	2942
	4.11	Overall width	b1/b2(mm)	1300/1420
	4.12	Fork dimensions	l/e/s(mm)	1100/100/50
	4.13	Installation level (ISO2328)		2A
	4.14	Fork carriage width	b3(mm)	1100
	4.15	Fork outside spread (max.- min.)	b5(mm)	1050~220
	4.16	Side shift distance	mm	±143
	4.17	Ground clearance (full load, mast center)	m1(mm)	70
	4.18	Ground clearance (wheelbase center)	m2(mm)	110
	4.19	Aisle width (1000×1200 cross forks)	mm	1700
	4.20	Aisle width (800×1200 along forks)	mm	2000
	4.21	More aisles	mm	Refer to the aisle width specification
	4.22	Min. turning radius	Wa(mm)	2115
Performance	5.1	Travelling speed, laden/unladen	km/h	13/14
	5.2	Lift speed, laden/unladen	mm/s	450/570
	5.3	Lowering speed, laden/unladen	mm/s	400/450
	5.4	Traction, laden/unladen	N	21000
	5.5	Gradeability, laden/unladen	%	15/15
	5.6	Service brake		Hydraulic
	5.7	Parking brake		Mechanical
Drive	6.1	Drive motor, rating (S2-60min)	kw	AC7.5×2
	6.2	Lift motor, rating (S3-15%)	kw	AC21
Battery	7.1	Lithium Battery voltage/nominal capacity(standard)	V/Ah	80/460
	7.2	Lithium Battery voltage/nominal capacity(optional)	V/Ah	80/300、80/410
	7.3	Lithium battery weight(standard)	kg	260
Others	8.1	Hydraulic system pressure	Mpa	21.5
	8.2	Noise level at operator's ear	dB(A)	70
Note:		1. The driving speed, lifting and lowering speed, climbing ability, and other parameters in the table above are for the standard model of the quad mast with an integrated side shifter. For other mast models, the weight changes, and these parameters will vary accordingly. 2. The data for the standard models in the series may vary depending on the configuration.		



Load Parameter Table 25M

Mast type	Mast mode I	Lifting height mm	Load Capacity										
			kg										
	C(mm)➤@		600	650	700	750	800	850	900	950	1000	1050	1100
Quad full-free mast													
	80F	8000	1320	1240	1170	1100	1040	990	930	880	840	790	750
	75F	7500	1380	1300	1220	1150	1090	1030	980	930	880	830	790
	72F	7200	1410	1330	1250	1180	1120	1060	1000	950	900	850	810
	70F	7000	1430	1350	1270	1200	1130	1070	1020	960	910	870	820
	68F	6800	1460	1370	1300	1220	1160	1100	1040	980	930	890	840
	65F	6500	1520	1430	1350	1270	1210	1140	1080	1030	980	930	880
	63F	6300	1560	1470	1390	1310	1240	1170	1110	1060	1000	950	910
	60F	6000	1620	1530	1440	1360	1290	1220	1160	1100	1050	990	950
	55F	5500	1740	1640	1550	1460	1390	1320	1250	1190	1130	1070	1020
	50F	5000	1890	1780	1680	1590	1510	1430	1360	1300	1230	1170	1120
	—	3300	2500	2360	2230	2120	2010	1910	1820	1740	1660	1580	1510

Note 1.The above parameters are for the standard configuration of the integral side shifter load.;
2.The comprehensive load capacity for other attachments must be calculated.;

Mast and Self-weight Parameter Table MJD25

Mast type	Mast model	Lifting height	Mast retracted	Mast extended	Free lifting height (with standard load)		Service Weight(incl.battery)		Standard side shift	Mast swing	Mast tilt angle
		mm					±3% kg		mm	(°)	(°)
	Model▶1MJD				20	25	20	25	full series	full series	full series
Quad full-free mast											
	80F	8000	2795	9219	1616	1621	7970	8170	±143	±90	1/3
	75F	7500	2640	8720	1461	1466	7915	8115	±143	±90	3/3
	72F	7200	2545	8419	1366	1371	7882	8082	±143	±90	3/3
	70F	7000	2495	8219	1316	1321	7860	8060	±143	±90	3/3
	68F	6800	2420	8020	1241	1246	7838	8038	±143	±90	3/3
	65F	6500	2345	7719	1166	1171	7805	8005	±143	±90	3/3
	63F	6300	2295	7519	1116	1121	7783	7983	±143	±90	3/3
	60F	6000	2220	7220	1041	1046	7750	7950	±143	±90	3/3
	55F	5500	2095	6719	916	921	7695	7895	±143	±90	3/3
50F	5000	1970	6220	791	796	7640	7840	±143	±90	3/3	

Note 1.The overall vehicle weight parameter includes the weight of approximately 32 kg for the 40L hydraulic oil; the weight of the optional forks is approximately + or - 10 kg per 100 mm.
2.For the MJD25, with a quad mast, for every 1-meter increase in lift height, the mast weight increases by approximately 110 kg.

Mast and Self-weight Parameter Table MJD25

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