



MQK 30 - MULTI-DIRECTIONAL COUNTERBALANCED FORKLIFT

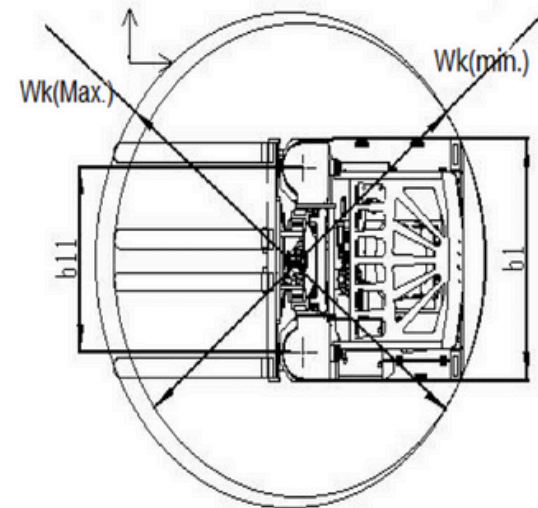
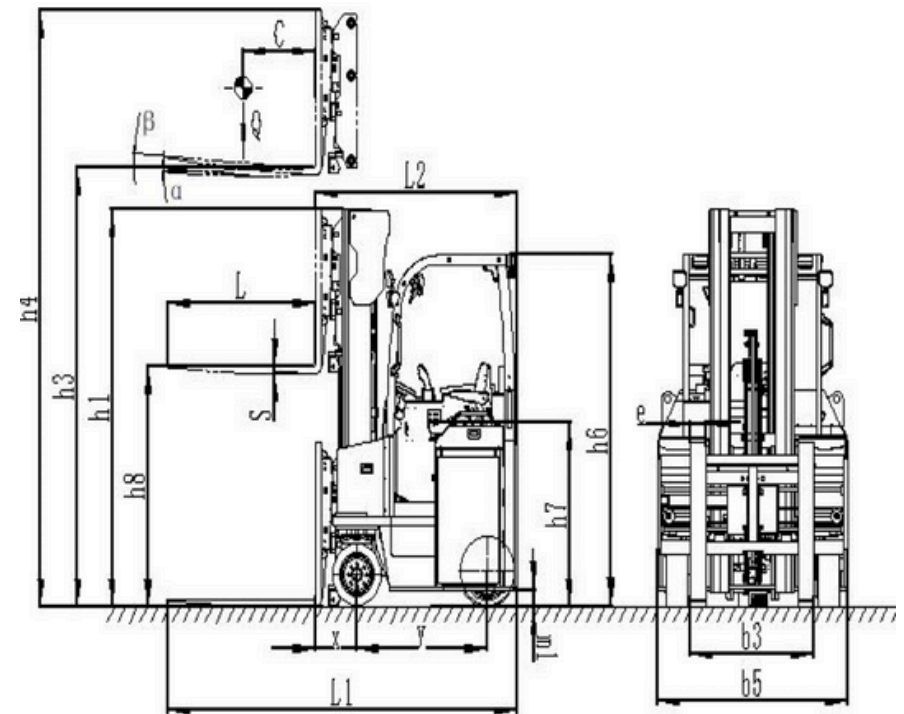


- **Model:** MiMA MQK30
- **Fuel Type:** Lithium electric
- **Side Shift:** Yes
- **Capacity:** 3000kgs
- **Lift Height:** 8000mm
- **Mast Type:** 3 Stage Full Free Lift
- **Closed Mast Height:** 3510mm
- **Dimensions (L x W):** 1570mm x 1650mm

Additional Info:

- Side-shifting Fork positioner
- Camera system
- Laser
- 600li-ah battery

Specification				
Characteristics	1.1	Manufacturer		MIMA
		Model		MQK30
	1.2	Code		1MQK30
	1.3	Power type		Battery
	1.4	Operation		Seated
	1.5	Load capacity	Q(kg)	3000
	1.6	Load center distance	C(mm)	500
	1.7	Front overhang	x(mm)	346
	1.8	Wheelbase	y(mm)	1055
Weights	2.1	Service weight(incl. battery)	kg	Refer to the mast specification
Wheels	3.1	Tyre type		Solid rubber Tyre
	3.2	Tyre size, front	in/mm	16×7×10.5/406×178×266.7
	3.3	Tyre size, rear	in/mm	18×9×12.125/457×229×308
	3.4	Wheels,number front/rear (X=driven)		2X/1
	3.5	Track width, front	b10(mm)	1180
Dimensions	4.1	Mast tilt angle front/rear (standard)	$\alpha/\beta(^{\circ})$	1/3.5
	4.2	Mast retracted height	h1(mm)	Refer to the mast specification
	4.3	Free lift height (standard)	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)	2250
	4.7	Seat SIP point ground clearance	h7(mm)	1230
	4.8	Overall length	l1(mm)	2560
	4.9	Length to fork face	l2(mm)	1640
	4.1	Overall width	b1(mm)	1540
	4.11	Fork dimensions	l/e/s(mm)	920/125/45
	4.12	Fork carriage width	b3(mm)	1540
	4.13	Fork outside spread (min~max)	b5(mm)	400~1400
	4.14	Ground clearance (laden, center of mast)	m1(mm)	80
	4.15	Aisle Width	mm	Refer to the aisle specification
	4.16	Mini. stacking asile width with pallet 1000×1200mm(load center 500mm)	mm	3140
	4.17	Mini. stacking asile width with 800×1200mm(load center 600mm)	mm	2940
	4.18	Unladen in-situ rotation diameter(Mini/Max.Fork outside spread)	Wk(mm)	3200/3050
Performance	5.1	Side Travel Speed, laden/unladen	km/h	7~8
	5.2	Straight Travel Speed, laden/unladen	km/h	9~10
	5.3	Lifting Speed, laden/unladen	mm/s	230/350
	5.4	Lowering Speed, laden/unladen	mm/s	300/260
	5.5	Max straight gradeability, laden/unladen (S2-5min)	%($\tan\theta$)	10/10
	5.6	Max sideways gradeability, laden/unladen (S2-5min)	%($\tan\theta$)	8/8
	5.7	Service brake		Electromagnetic
Drive	6.1	Drive motor, rating S2=60	kw	AC7*2
	6.2	Lift motor, rating S3=15%	kw	AC14
	6.3	Lead-acid battery voltage/nominal capacity (standard)	V/Ah	48/900
	6.4	Lead-acid battery weight	kg	1478
	6.5	Lithium battery voltage/ nominal capacity (optional)	V/Ah	48/600
	6.6	Lithium battery weight	kg	934

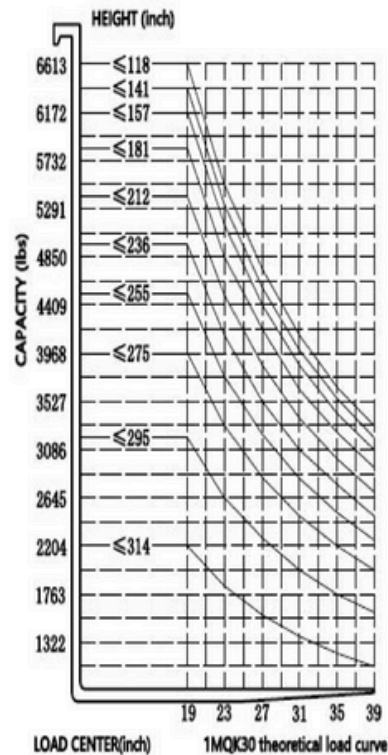
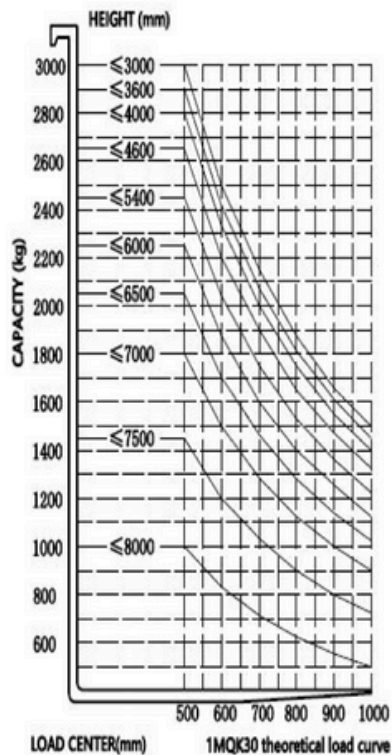


Load parameter 1MQK30												
Mast type	Mast model	Lifting height	Load capacity									
		mm	kg									
	C(mm)►@		500	550	600	650	700	750	800	850	900	1000
Triplex full free mast	80T	8000	1000	910	830	770	710	660	625	580	555	520
	75T	7500	1450	1315	1205	1115	1035	965	905	850	805	760
	70T	7000	1800	1635	1500	1380	1285	1200	1125	1055	1000	945
	65T	6500	2050	1860	1705	1575	1460	1365	1280	1205	1135	1075
	60T	6000	2250	2045	1875	1730	1605	1500	1405	1320	1250	1180
	54T	5400	2450	2225	2040	1880	1750	1630	1530	1440	1360	1290
	46T	4600	2650	2410	2205	2035	1890	1765	1655	1555	1470	1395
Note:	1. The comprehensive load capacity of other attachments needs to be calculated;											

Mast parameter&self-weight 1MQK30							
Mast type	Mast model	Lifting height	Mast retracted height	Mast extended height	Free lifting height	Service Weight(incl.battery)	Mast tilt angle
		mm				kg	(°)
	Model►1MQK30						
Triplex full free mast	80T	8000	3503	9050	2451	7120	1/3.5
	75T	7500	3337	8550	2287	7060	1/3.5
	70T	7000	3169	8050	2119	7000	1/3.5
	65T	6500	2902	7550	1852	6930	1/3.5
	60T	6000	2735	7050	1686	6870	1/3.5
	54T	5400	2535	6450	1486	6810	1/3.5
	46T	4600	2268	5650	1270	6750	1/3.5

Minimum stacking aisle width parameter

1MQK30									
	mm	Pallet along fork dimensions (L)							
		800	900	1000	1100	1200	1300	1400	1500
Pallet cross fork dimensions (W)	5000	2940	3040	3140	3240	3340	3440	3540	3640
	6000	3040	3140	3240	3340	3440	3540	3640	3740
	7000	3140	3240	3340	3440	3540	3640	3740	3840
	8000	3240	3340	3440	3540	3640	3740	3840	3940



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