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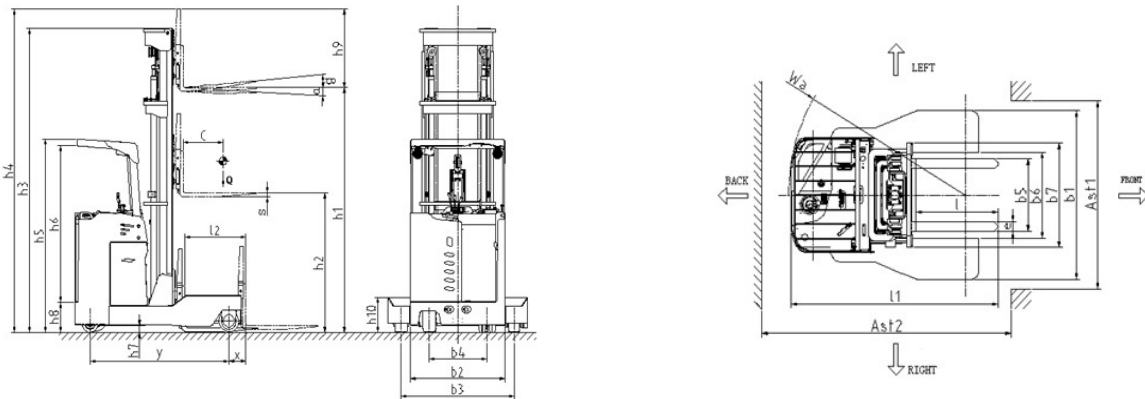
Stand-On Multi-Directional Forklift WHMQ25



Standard

1.1	Manufacturer		MiMA	MiMA
1.2	Model		WHMQ2530	WHMQ2545
1.3	Power Type		Battery	Battery
1.4	Operation Type		Stand on	Stand on
1.5	Rated Capacity	Q(kg)	2500	2500
1.6	Load Center	C(mm)	500	500
1.7	Front Overhand	x(mm)	175	175
1.8	Wheelbase	y(mm)	1700	1700

Product Size



Size

2.1	Fork Tilt front/rear	$\alpha/\beta(^{\circ})$	3/5	2/6
2.2	Lift height	h1(mm)	3000	4500
2.3	Free lift height with load backrest	h2(mm)	80	1320
2.4	Mast closed height	h3(mm)	2082	2292
2.5	Mast extended height with load-backrest	h4(mm)	3960	5460
2.6	Overhead guard height	h5(mm)	2300	2300
2.7	Height from overhead guard to driving board	h6(mm)	1900	1900
2.8	Driving board height	h8(mm)	350	350
2.9	Ground clearance	h7(mm)	80	80
2.10	Load backrest height	h9(mm)	970	970
2.11	Leg height	h10(mm)	405	405
2.12	Overall length(incl.forks)	l1(mm)	2250	2300
2.13	Reach stroke	l2(mm)	783	733
2.14	Overall width	b1(mm)	1595	1595
2.15	Fork size	l/e/s(mm)	920×122×40	920×122×40
2.16	Body tail width	b2(mm)	1190	1190
2.17	Fork outside width	b5(mm)	244~772	244~772
2.18	Inner leg width	b6(mm)	892	892
2.19	Fork carriage width	b7(mm)	1088	1088
2.20	Turning radius	Wa(mm)	1975	1975
2.21	Side driving aisle width (1000×1000pallet)	Ast2(mm)	2800	2800

Wheel				
3.1	Wheel Types		PU	PU
3.2	Front wheel (Diameter×Width x 2pc	mm	φ267×114	φ267×114
3.3	Rear drive wheel (Diameter×Width) x 1pc	mm	φ380×165	φ380×165
3.4	Rear balance wheel (Diameter×Width) x 2pc		φ204×76	φ204×76
3.5	Wheel tread, front	b3(mm)	1304	1304
3.6	Wheel tread, rear	b4(mm)	726	726

Function				
4.1	Driving speed (load/unload)	km/h	7.8/9.0	7.8/9.0
4.2	Lifting speed (load/unload)	mm/s	240/320	220/300
4.3	Lowering speed (load/unload)	mm/s	340/290	310/260
4.4	Straight driving max. gradeability load/unload (S2-5min)	%(tanθ)	≤10	≤10
4.5	Side driving max. gradeability load/unload (S2-5min)	%(tanθ)	≤5	≤5
4.6	Steering system		EPS	EPS
4.7	Drive wheel display		LED Screen	LED Screen
4.8	Brake type		Electromagnetic type	Electromagnetic type

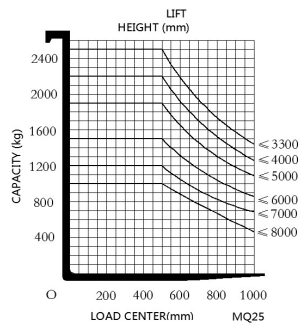
Drive				
5.1	Drive motor type		AC	AC
5.2	Drive motor(S2-60min)	kw	5.5	5.5
5.3	Lifting motor type		AC	AC
5.4	Lifting motor (S3-15%)	kw	8.6	8.6
5.5	Battery voltage/capacity	V/Ah	48/400	48/400

Weight				
6.1	Service Weight (incl.battery)	kg	≈3700	≈3900
6.2	Battery Weight (±5%)	kg	665	665

Other				
7.1	Battery change type		Side pull	Side pull
7.2	Charger type		48V 50A	48V 50A

Optional extras				
8.1	Video display		Mobile camera	Mobile camera
8.2	Fork positioner		Customized available	Customized available
8.3	Super wide fork carriage and four fork		Customized available	Customized available

Load Chart



Remark :

WHMQ25 could be equipped with fork positioner with fork spread 400-2300mm, when with fork positioner, the load capacity need reduce 400kg on the standard vehicle.

Mast Specification

Duplex Mast						
Model		WHMQ25-30	WHMQ25-35	WHMQ25-40	WHMQ25-45	
Mast closed height	h3	2082mm	2332mm	2632mm	2882mm	
Mast extended height with load backrest	h4	3960mm	4460mm	4960mm	5460mm	
Free lift height	h2	80mm	80mm	80mm	80mm	
Lift height	h1	3000mm	3500mm	4000mm	4500mm	

Triplex Full Free Mast						
Model		WHMQ25-45SQ	WHMQ25-50SQ	WHMQ25-55SQ	WHMQ25-60SQ	WHMQ25-65SQ
Mast closed height	h3	2292mm	2459mm	2625mm	2792mm	2959mm
Mast extended height with load backrest	h4	5460mm	5960mm	6460mm	6960mm	7460mm
Free lift height	h2	1320mm	1486mm	1654mm	1820mm	1986mm
Lift height	h1	4500mm	5000mm	5500mm	6000mm	6500mm

Triplex Full Free Mast						
Model		WHMQ25-70SQ	WHMQ25-72SQ	WHMQ25-75SQ	WHMQ25-80SQ	
Mast closed height	h3	3125mm	3192mm	3292mm	3559mm	
Mast extended height with load backrest	h4	7960mm	8160mm	8460mm	8960mm	
Free lift height	h2	2154mm	2220mm	2320mm	2586mm	
Lift height	h1	7000mm	7200mm	7500mm	8000mm	

Remark[1]: All above mast are all available for super wide fork carriage and four forks as options.