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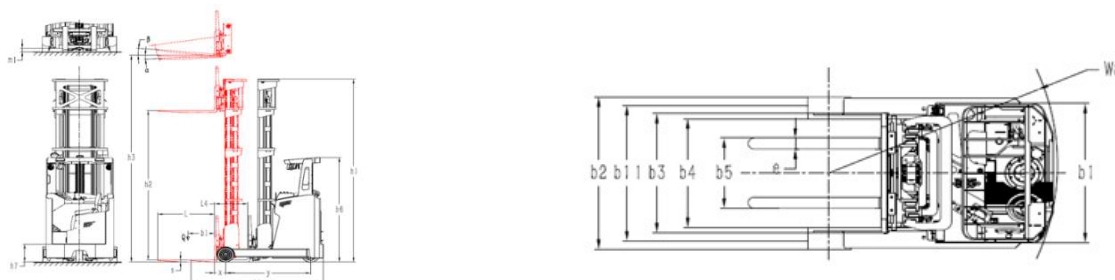
Seated Electric Reach Truck WHMFZ16H/WHMFZ20H

Standard



1.1	Brand		MiMA	MiMA
1.2	Model		WHMFZ16H(High-performance mast)	WHMFZ20H(High-performance mast)
1.3	Power type		Battery	Battery
1.4	Operation type		Seated	Seated
1.5	Rated capacity	Q(kg)	1600	2000
1.6	Load center	C(mm)	500	500
1.7	Front overhang	x(mm)	205	205
1.8	Wheelbase	y(mm)	1600	1600

Product Size



Size

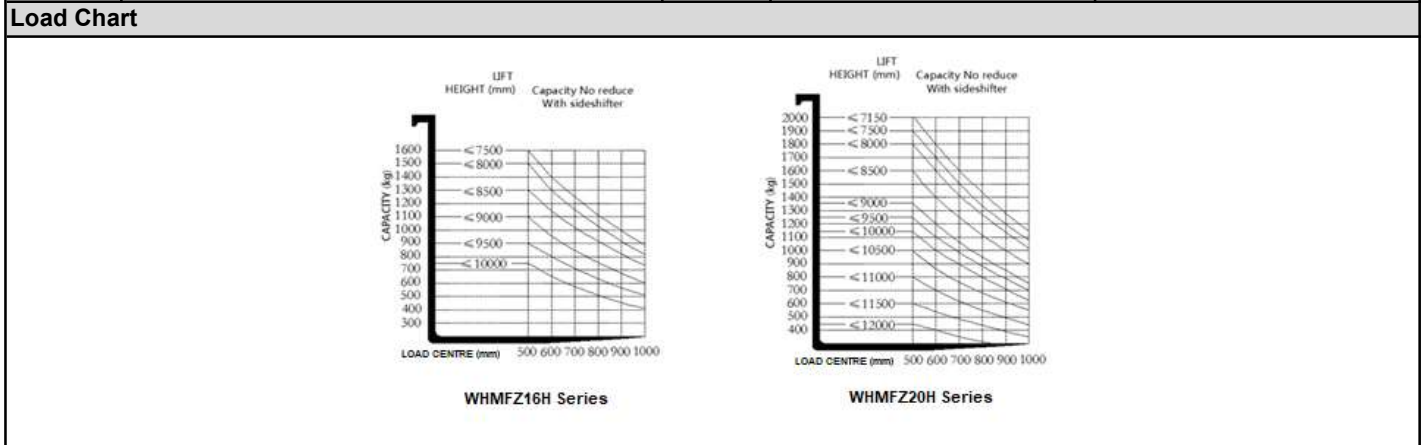
2.1	Fork tilt	$\alpha/\beta(^{\circ})$	3/5	3/5
2.2	Mast closed height	h1(mm)	4154	4154
2.3	Free Lift height	h2(mm)	3504	3504
2.4	Lift height	h3(mm)	10000	10000
2.5	Mast extended height with load-backrest	h4(mm)	10930	10930
2.6	Overhead guard height	h6(mm)	2200	2200
2.7	Pedal height	h7(mm)	376	376
2.8	Overall length	l1(mm)	2496	2496
2.9	Overall width	b1/b2(mm)	1270/1390	1270/1390
2.10	Fork size	l/e/s(mm)	1070×122×40	1070×122×40
2.11	Fork carriage width	b3(mm)	1090	1090
2.12	Fork outside width	b5(mm)	266-725	266-725
2.13	Inner leg width	b4(mm)	990	990
2.14	Reach stroke	l4(mm)	617	617
2.15	Mast ground clearance	m1(mm)	75	75
2.16	Aisle width for pallet 1000*1200mm (C=500mm)	Ast(mm)	2912	2912
2.17	Aisle width for pallet 800*1200mm (C=600mm)	Ast(mm)	2956	2956
2.18	Turning radius	Wa(mm)	1872	1872

Wheel				
3.1	Wheel type		PU	PU
3.2	Load wheel	mm	φ300×120	φ300×120
3.3	Drive wheel	mm	φ350×120	φ350×120
3.4	Auxiliary wheel	mm	/	/
3.5	Number of wheels, front/rear (x=drive wheel)		2/ 1X	2/ 1X
3.6	Wheel tread, drive side	b10(mm)	/	/
3.7	Wheel tread, load side	b11(mm)	1270	1270

Function				
5.1	Driving speed (load/unload)	km/h	8.5/10	8.5/10
5.2	Lifting speed (load/unload)	mm/s	200/300	260/360
5.3	Lowering speed (load/unload)	mm/s	300/250	300/250
5.4	Max. gradeability (load/unload)	%(tanθ)	≤10	≤10
5.5	Brake type		Mechanical	Mechanical

Drive				
6.1	Driving Motor (S2-60min)	kw	5.5	5.5
6.2	Lifting Motor (S3-15%)	kw	8.6	12.8
6.3	Battery voltage/capacity	V/Ah	48/420	48/560
6.4	Battery weight	kg	780	920
6.5	Steering system		EPS	EPS

Weight				
7.1	Service weight(incl. battery)	kg	4530	4670



Mast Specification

Triplex full free mast										
Model	WHMFZ	16H-63	16H-67	16H-71	16H-75	16H-80	16H-85	16H-90	16H-95	16H-100
Lift height	h3(mm)	6300	6750	7150	7500	8000	8500	9000	9500	10000
Mast extended height with load-backrest	h4(mm)	7230	7680	8080	8430	8930	9430	9930	10430	10930
Mast closed height	h1(mm)	2820	3070	3204	3322	3488	3654	3820	3988	4154
Free lift height	h2(mm)	2170	2420	2554	2672	2838	3004	3170	3338	3504

Triplex full free mast										
Model	WHMFZ	20H-63	20H-67	20H-71	20H-75	20H-80	20H-85	20H-90	20H-95	20H-100
Lift height	h3(mm)	6300	6750	7150	7500	8000	8500	9000	9500	10000
Mast extended height with load-backrest	h4(mm)	7230	7680	8080	8430	8930	9430	9930	10430	10930
Mast closed height	h1(mm)	2820	3070	3204	3322	3488	3654	3820	3988	4154
Free lift height	h2(mm)	2170	2420	2554	2672	2838	3004	3170	3338	3504

Triplex full free mast										
Model	WHMFZ	20H-105	20H-110	20H-115	20H-120					
Lift height	h3(mm)	10500	11000	11500	12000					
Mast extended height with load-backrest	h4(mm)	11430	11930	12430	12930					
Mast closed height	h1(mm)	4320	4488	4654	4820					
Free lift height	h2(mm)	3710	3878	4044	4210					

Note[1]: Above free lift height not include load-backrest; if including load-backrest, free lift height would be reduced 270mm.