

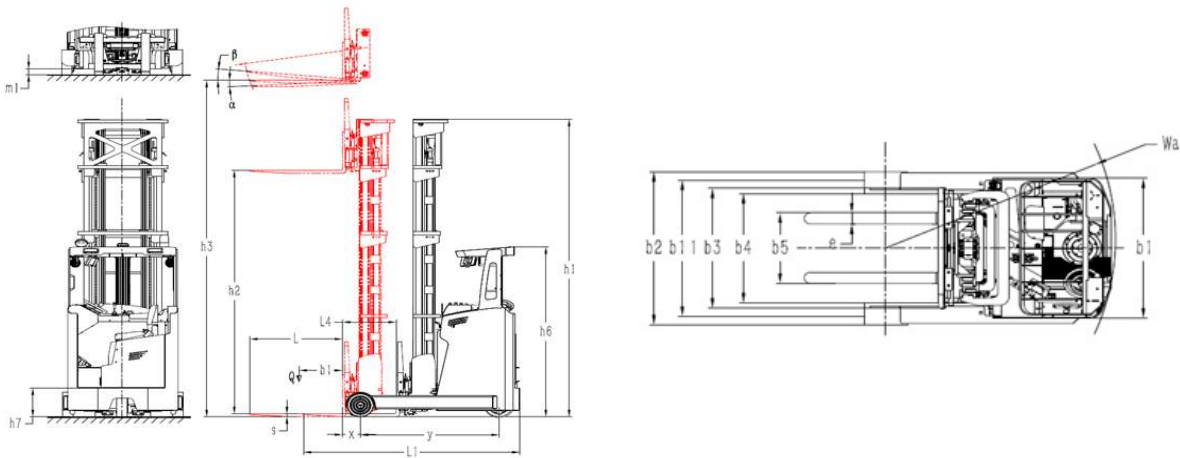
Seated Electric Reach Truck WHMFZ16/WHMFZ20



Standard

1.1	Brand		MiMA	MiMA
1.2	Model		WHMFZ16(Standard mast)	WHMFZ20(Standard mast)
1.3	Power type		Battery	Battery
1.4	Operation type		Seated	Seated
1.5	Rated capacity	Q(kg)	1600	2000
1.6	Load centre	C(mm)	500	500
1.7	Front overhang	x(mm)	205	205
1.8	Wheelbase	y(mm)	1425	1525

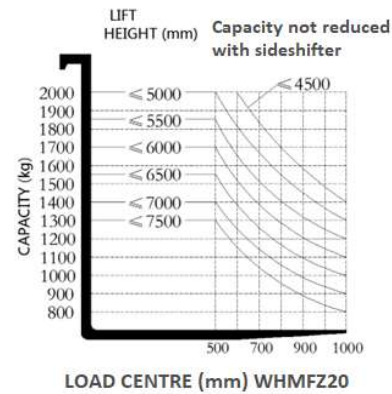
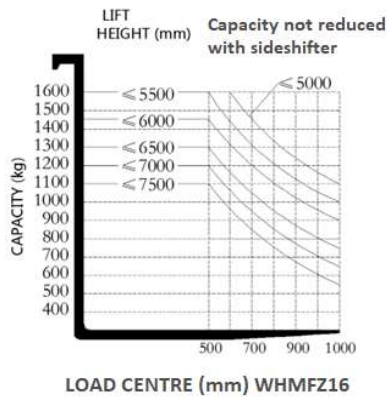
Product size



2.1	Service weight (incl. battery)	kg	3710	4000
3.1	Wheel type		PU	PU
3.2	Load wheel	mm	φ300×120	φ300×120
3.3	Drive wheel	mm	φ343×108	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)	1170	1170
4.1	Fork tilt	α/β(°)	3/5	3/5
4.2	Mast closed height	h1(mm)	3250	3250
4.3	Free Lift height	h2(mm)	2585	2585
4.4	Lift height	h3(mm)	7500	7500
4.5	Mast extended height with load-backrest	h4(mm)	8470	8470
4.6	Overhead guard height	h6(mm)	2200	2200
4.7	Pedal height	h7(mm)	376	376

4.8	Overall length	l1(mm)	2340	2421
4.9	Overall width	b1/b2(mm)	1270/1290	1270/1290
4.10	Fork size	l/e/s(mm)	1070×100×35	1070×122×40
4.11	Fork carriage width	b3(mm)	1090	1090
4.12	Fork outside width	b5(mm)	222-750	266-772
4.13	Inner leg width	b4(mm)	890	890
4.14	Reach stroke	l4(mm)	583	617
4.15	Mast ground clearance	m1(mm)	75	75
4.16	Aisle width for pallet 1000*1200mm (C=500mm)	Ast(mm)	2764	2838
4.17	Aisle width for pallet 800*1200mm (C=600mm)	Ast(mm)	2814	2882
4.18	Turning radius	Wa(mm)	1700	1798
5.1	Driving speed (load/unload)	km/h	8.5/10	8.5/10
5.2	Lifting speed (load/unload)	mm/s	210/340	210/340
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
6.1	Driving Motor(S2-60min)	kw	5.5	5.5
6.2	Lifting Motor (S3-15%)	kw	8.6	8.6
6.3	Battery voltage/capacity	V/Ah	48/420	48/560
6.4	Battery weight	kg	780	920
6.5	Steering system		EPS	EPS
7.1	Battery replacement type		Front pull	Front pull

Load Chart



Mast Specification

Triplex full free mast

Model	WHMFZ	16-46	16-48	16-54	16-57	16-63	16-67	16-70	16-71	16-75
Lift height	h3(mm)	4600	4800	5400	5700	6300	6750	7000	7150	7500
Mast extended height with load-backrest	h4(mm)	5530	5730	6330	6630	7230	7680	7930	8080	8430
Mast closed height	h1(mm)	2254	2320	2520	2620	2820	3070	3154	3204	3322
Free lift height	h2(mm)	1644	1710	1910	2010	2210	2460	2544	2594	2712

Triplex full free mast

Model	WHMFZ	20-46	20-48	20-54	20-57	20-63	20-67	20-70	20-71	20-75
Lift height	h3(mm)	4600	4800	5400	5700	6300	6750	7000	7150	7500
Mast extended height with load-backrest	h4(mm)	5530	5730	6330	6630	7230	7680	7930	8080	8430
Mast closed height	h1(mm)	2254	2320	2520	2620	2820	3070	3154	3204	3322
Free lift height	h2(mm)	1644	1710	1910	2010	2210	2460	2544	2594	2712

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