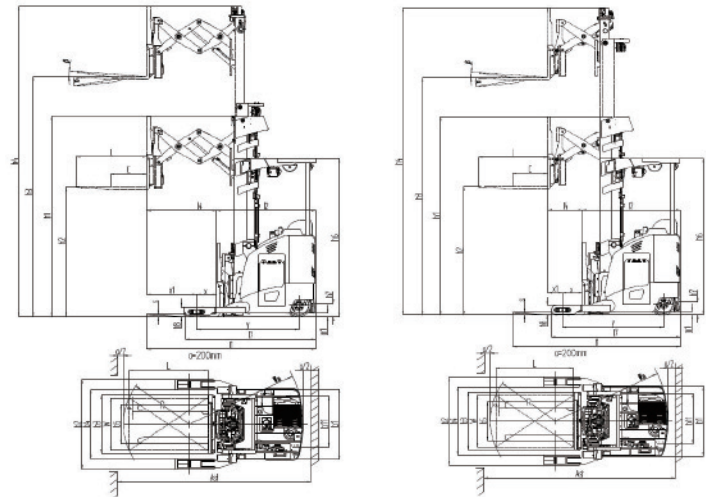


Characteristics			
1.1	Manufacturer	MiMA	MiMA
1.2	Model	MFE15	MFE20
1.3	Power type	Battery	Battery
1.4	Operation	Stand on	Stand on
1.5	Load capacity	Q(t)	1.5 2
1.6	Load center distance	C(mm)	600 600
1.8	Vertical distance between front wheel and fork	x(mm)	272 302
1.9	Wheelbase	y(mm)	1560 1480
1.10	Front overhang	x1(mm)	808 294
Weights			
2.1	Service weight (incl.battery)	kg	refer to the mast and weight specification refer to the mast and weight specification
Wheels			
3.1	Tyre type, front/rear	Polyurethane	Polyurethane
3.2	Tyre size, front	mm	4×φ152×105 4×φ152×105
3.3	Tyre size, rear	mm	φ343×140 φ343×140
3.4	Additional wheels	mm	φ203×101 φ203×101
3.5	Wheels number front/rear (X=driven)	/	4/1X/1 4/1X/1
3.6	Track width, front	b10(mm)	1212 1212
3.7	Track width, rear	b11(mm)	771 771
Dimensions			
4.1	Mast/Fork tilt angle front/rear	α/β(°)	3/4 3/4
4.2	Mast retracted height	h1(mm)	refer to the mast and weight specification refer to the mast and weight specification
4.3	Free lift height	h2(mm)	refer to the mast and weight specification refer to the mast and weight specification
4.4	Lift height	h3(mm)	refer to the mast and weight specification refer to the mast and weight specification
4.5	Mast extended height	h4(mm)	refer to the mast and weight specification refer to the mast and weight specification
4.7	Overhead guard height	h6(mm)	refer to the mast and weight specification refer to the mast and weight specification
4.8	Seat/Platform height	h7(mm)	240 240
4.10	Support arms height	h8(mm)	150 150
4.19	Overall length	l1 (mm)	Refer to the battery,stacking aisle width specification Refer to the battery,stacking aisle width specification
4.20	Length to fork face	l2 (mm)	Refer to the battery,stacking aisle width specification Refer to the battery,stacking aisle width specification
4.21	Overall width	b1/b2(mm)	1080/1364 1080/1364
4.22	Fork dimensions	s/e/l(mm)	40/100/1070 40/100/1070
4.24	Fork carriage width	b3 (mm)	894 894
4.25	Fork outside spread	b5 (mm)	445~700 445~700
4.26	Support arms inner width	b4 (mm)	1060 1060
4.28	Reach distance	l4 (mm)	1080 1080
4.29	Side shift distance	b7 (mm)	±50 ±50
4.31	Ground clearance, fully loaded, under mast	m1 (mm)	57 57
4.32	Ground clearance, center of wheelbase	m2 (mm)	45 45
4.34	Channel width	Ast (mm)	Refer to the battery,stacking aisle width specification Refer to the battery,stacking aisle width specification
4.35	Turning radius	Wa (mm)	Refer to the battery,stacking aisle width specification Refer to the battery,stacking aisle width specification
4.37	Body to support arms length	l7 (mm)	Refer to the battery,stacking aisle width specification Refer to the battery,stacking aisle width specification
Performance			
5.1	Driving speed,laden/unladen, fork direction	km/h	9/9 9/9
5.1.1	Driving speed,laden/unladen, driving wheel direction	km/h	10/10 10/10
5.2	Lifting speed,laden/unladen	mm/s	400/500 400/500
5.3	Lowering speed, laden/unladen	mm/s	550/500 500/480
5.4	Reaching speed, laden/unladen	mm/s	180/190 160/190
Drive			
5.1	Drive motor,rating,S2=60	kW	5.8 5.8
5.1.1	Lift motor,rating,S3=15%	kW	14 14
5.2	Battery voltage/nominal capacity K5	(V)/(Ah)	48/550 48/550
5.3	Battery weight	kg	Refer to the battery,stacking aisle width specification Refer to the battery,stacking aisle width specification
5.4	Noise level at operator's ear	dB(A)	75 75

Note: 1. The parameters such as driving speed, lifting and lowering speed, and climbing ability in the above table are for the standard model with three-section mast;
2. The data of other non-standard models will vary depending on the configuration;

2D View



Mast Specification

Triplex Full Free Mast		MFE15 / MFE20: 5025-10160mm													
Lift Height	h3(mm)	5025	5330	5715	6095	6245	6320	6350	6400	6855	7010	7110	7315	7515	
Mast Extended Height	h4(mm)	6105	6410	6795	7175	7325	7400	7430	7480	7935	8090	8190	8395	8595	
Mast Closed Height	h1(mm)	2260	2415	2590	2720	2820	2845	2855	2870	3025	3125	3160	3225	3295	
Free Lifting Height	h2(mm)	1180	1335	1510	1640	1740	1765	1775	1790	1945	2045	2080	2145	2215	
Service Weight (incl.battery)	MFE15	kg	3840	3900	3980	4050	4080	4100	4105	4115	4205	4235	4255	4300	4340
	MFE20		3740	3800	3880	3950	3980	4000	4005	4015	4105	4135	4155	4200	4240
Triplex Full Free Mast		MFE15 / MFE20: 5025-10160mm													
Lift Height	h3(mm)	7620	8000	8150	8230	8380	8660	9295	9450	9550	9650	9750	10160		
Mast Extended Height	h4(mm)	8700	9080	9230	9310	9460	9740	10375	10530	10630	10730	10830	11240		
Mast Closed Height	h1(mm)	3330	3505	3560	3645	3695	3785	4060	4135	4165	4205	4245	4365		
Free Lifting Height	h2(mm)	2250	2425	2480	2565	2615	2705	2980	3055	3085	3125	3165	3285		
Service Weight (incl.battery)	MFE15	kg	4360	4435	4465	4480	4500	4565	4690	4725	4745	4765	4785	4870	
	MFE20		4260	4335	4365	4380	4400	4465	4590	4625	4645	4665	4685	4770	

Load Parameter

MFE15 / MFE20 : 5025-10160mm																			
Model	h3(mm)	5025	5330	5715	6095	6245	6320	6350	6400	6855	7010	7110	7315	7515	7620	8000	8150	8230	8380
MFE15 Q(kg)	C=600mm								1450								1430	1420	1400
	C=700mm								1350								1330	1325	1310
	C=800mm								1260								1240	1230	1220
	C=900mm								1190								1170	1160	1150
	C=1000mm								1120								1100	1090	1080
MFE20 Q(kg)	C=600mm								1060								1050	1040	1030
	C=700mm								2000								1950	1930	1890
	C=800mm								1800								1780	1740	1700
	C=900mm								1640								1600	1580	1550
	C=1000mm								1500								1470	1450	1410

MFE15/MFE20

Stand-on Electric Scissors Reach Truck

Max.Lifting Height: 10160mm



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Model	MFE15
Reach Forklift Type	Double Scissor
Load Capacity(kg)	1500
Load Center(mm)	600
Fork Size(mm)	1070×100×40
Wheels,Number Front/Rear(X=driven)	4/1X/1
Driving speed,laden/unladen(km/h)	8/10



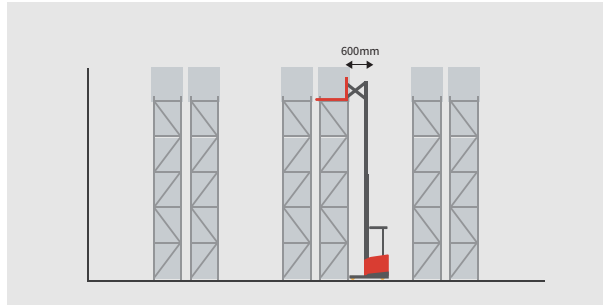
Model	MFE20
Reach Forklift Type	Single Scissor
Load Capacity(kg)	2000
Load Center(mm)	600
Fork Size(mm)	1070×100×40
Wheels,Number Front/Rear(X=driven)	4/1X/1
Driving speed,laden/unladen(km/h)	8/10

Single/Double Scissor Reach Truck Suitable for Single/Double-deep Racking and Stacking, Increasing Storage Capacity

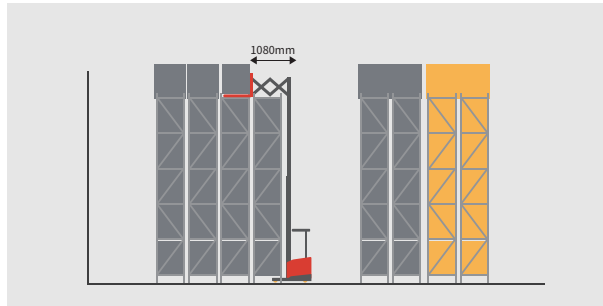
MFE15(Double Scissor)/MFE20(Single Scissor) Stand-on Electric Scissors Reach Truck

The MFE series is scissor forklift truck with load capacity of 1.5-2.0 tons. The maximum lift height up to 10160mm. It can perfectly fits double-deep and single-deep racking stacking. Equipped with high surplus mast, no loss of load under 8000mm, and the ultra-high loading capacity is also excellent.

- Full AC maintenance-free system: energy-saving and efficient
- Scissor telescopic mechanism: forks move forward or retract flexibly
- Improved safety: Automatically sensed lowering speed limit and buffer function
- High reliability: Speed sensor and temperature sensor system
- Small turning radius, increased storage capacity
- Excellent visibility, comfortable operation



Single Scissor Reach Truck
Single-deep pallet racking



Double Scissor Reach Truck
Double-deep pallet racking



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