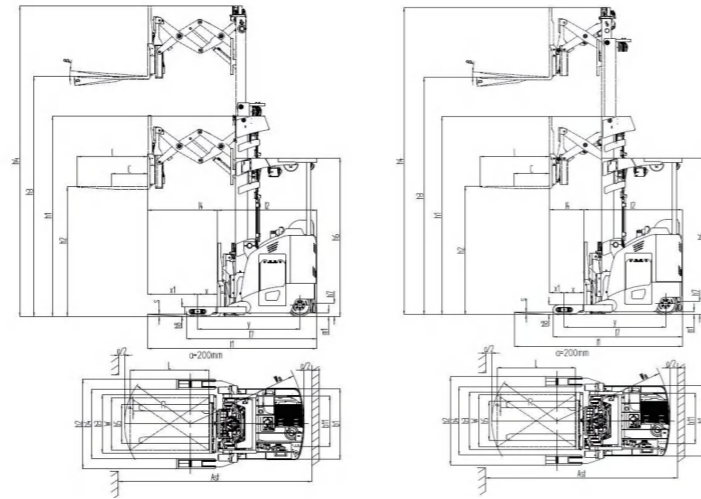


Characteristics			
1.1 Brand	MiMA	MiMA	
1.2 Model	1FE14D	1FE20B	
1.3 Forklift Type	Double Scissor	Single Scissor	
1.4 Power Type	Battery	Battery	
1.5 Operation	Stand on	Stand on	
1.6 Operation Mode	Electric	Electric	
1.7 Load Capacity	Q(kg)	1450	2000
1.8 Load Center Distance	C(mm)	600	600
1.9 Distance from Fork Surface to Front Wheel Center	x(mm)	304	298
1.10 Front Overhang	x1(mm)	776	302
1.11 Wheelbase	y(mm)	1560	1480
Weights			
2.1 Service Weight(Incl.battery)	kg	Refer to mast specification	Refer to mast specification
Wheels			
3.1 Type Type, Front/Rear		Polyurethane	Polyurethane
3.2 Tyre Size, Front	mm	φ203×101	φ203×101
3.3 Tyre Size, Rear	mm	φ343×140	φ343×140
3.4 Balance Wheel Size	mm	4×φ152×105	4×φ152×105
3.5 Wheels, Number Front/Rear(X=driven)		4/1X/1	4/1X/1
3.6 Track Width, Front	b1(mm)	771	771
Dimensions			
4.1 Fork Tilt Angle, Front/Rear	α/β (°)	3/4	3/4
4.2 Mast Retracted Height	h1 (mm)	Refer to mast specification	Refer to mast specification
4.3 Free Lift Height	h2 (mm)	Refer to mast specification	Refer to mast specification
4.4 Lift Height	h3 (mm)	Refer to mast specification	Refer to mast specification
4.5 Mast Extended Height	h4 (mm)	Refer to mast specification	Refer to mast specification
4.6 Overhead Guard Height	h5 (mm)	Refer to mast specification	Refer to mast specification
4.7 Pedal Height	h7 (mm)	240	240
4.8 Side Shift Distance	mm	+50	+50
4.9 Support Arms Height	h8(mm)	150	150
4.10 Overall Length	l1(mm)	Refer to the mast specification	
4.11 Length to Fork Face	l2(mm)	1510	1435
4.12 Overall Width	b1/b2(mm)	1080/1364	1080/1364
4.13 Fork Size	l/e/s(mm)	1070/100/40	1070/100/40
4.14 Backrest Width	b3(mm)	894	894
4.15 Fork Outside Spread	b5(mm)	222-702	222-702
4.16 Support Arms Inner Width (customized)	b4(mm)	1060	1060
4.17 Reach Distance	l4(mm)	1080	600
4.18 Ground Clearance Below Mast	m1(mm)	31	31
4.19 Aisle Width with Pallet 1000×1200	Ast(mm)	3045	2970
4.20 Turning Radius	Wa(mm)	1815	1340
4.21 Overall Length(not incl. fork)	l7(mm)	2115	1985
Performance			
5.1 Travelling Speed, laden/unladen	km/h	8/10	8/10
5.2 Lifting Speed, laden/unladen	mm/s	350/500	330/500
5.3 Lowering Speed, laden/unladen	mm/s	550/550	550/550
5.4 Reaching Speed, laden/unladen	mm/s	200/200	200/200
5.5 Gradeability, laden/unladen	%(tanθ)	10	10
5.6 Service Brake		Electromagnetic	Electromagnetic
Driving			
6.1 Drive Motor Rating(S2-60min)	kw	5.8	5.8
6.2 Lift Motor Rating(S3-15%)	kw	14	14
6.3 Steer Motor Rating(S2-60min)	kw	0.6	0.6
6.4 Battery Voltage/Nominal	V/Ah	48/550	48/550
6.5 Battery Weight	kg	860	860
Other			
7.1 Battery Replacement Method		Side Pull	Side Pull

2D View



Mast Specification

Triplex Full Free Mast		1FE14D / 1FE20B: 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)	kg	3840	3900	3980	4050	4080	4100	4105	4115	4205	4235	4255	4300	4340	
		3740	3800	3880	3950	3980	4000	4005	4015	4105	4135	4155	4200	4240	
Triplex Full Free Mast		1FE14D / 1FE20B: 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)	kg	4360	4435	4465	4480	4500	4565	4690	4725	4745	4765	4785	4870		
		4260	4335	4365	4380	4400	4465	4590	4625	4645	4665	4685	4770		

Load Parameter

1FE14D/1FE20B:5025-10160mm																			
Model	h3(mm)	5025	5330	5715	6095	6245	6320	6350	6400	6855	7010	7110	7315	7515					
1FE14D Q(kg)	C=600mm									1430	1420	1400	1370	1290	1270	1260	1250	1230	1200
	C=700mm									1330	1325	1310	1270	1200	1180	1170	1160	1150	1120
	C=800mm									1240	1230	1220	1190	1120	1110	1100	1090	1080	1050
	C=900mm									1170	1160	1150	1120	1050	1040	1030	1020	1010	980
1FE20B Q(kg)	C=600mm									1950	1930	1890	1800	1610	1580	1530	1500	1470	1400
	C=700mm									1760	1740	1700	1620	1550	1410	1380	1350	1330	1260
	C=800mm									1600	1580	1550	1480	1320	1280	1260	1240	1210	1150
	C=900mm									1470	1450	1430	1350	1210	1170	1150	1130	1110	1050
C=1000mm									1360	1340	1300	1240	1100	1060	1040	1020	1000	970	
C=1100mm									1260	1250	1220	1160	1040	1010	990	970	950	900	

MFE14D/MFE20B
Stand-on Electric Scissors Reach Truck

Max.Lifting Height: 10160mm





Model	MFE14D
Reach Forklift Type	Double Scissor
Load Capacity(kg)	1450
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



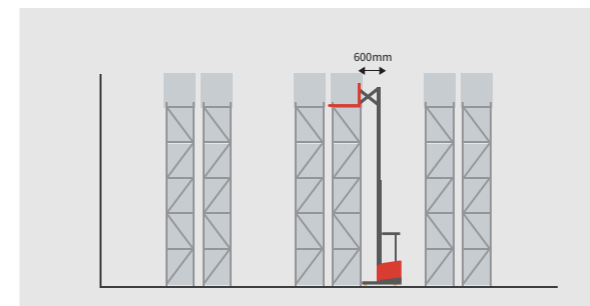
Model	MFE20B
Reach Forklift Type	Single Scissor
Load Capacity(kg)	2000
Load Center(mm)	600
Fork Size(mm)	1070×100×40
Wheels,Number Front/Rear(X=driven)	4/1X/1
Driving speed,laden/unladen(km/h)	8/10

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

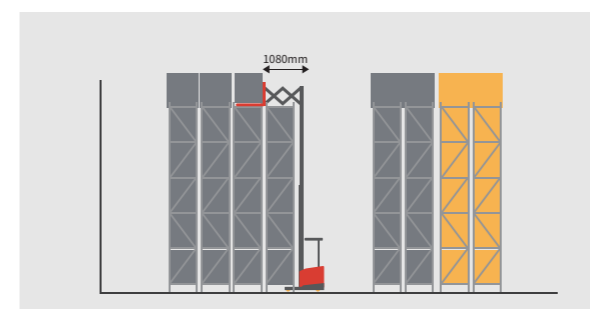
MFE14D(Double Scissor)/MFE20B(Single Scissor) Stand-on Electric Scissors Reach Truck

The MFE series is scissor forklift truck with load capacity of 1.4-2.0 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

