

MIMA[®]
Min Space,Max Performance

MFE14/MFE20

Stand-on Electric Scissors Reach Truck

Max.Lifting Height: 10160mm



INTERTRAC

Material Handling ☎ 900 818 978

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MFE SERIES : EFFICIENT TRUCKS FOR DOUBLE-DEEP PALLET RACKING

The 3,000-4,500 lbs electric forklift with a telescopic fork mechanism is suitable for operations in narrow aisles and limited spaces. Featuring a high lift, big load capacity, and small turning radius, as well as advanced performance, easy operations, high safety and reliability, etc., it is an ideal equipment for materials handling in warehouses and supermarkets, etc.

MFE14 ▶

The double-reach truck, with a telescopic fork mechanism, is suitable for operations in narrow aisles and limited spaces. It is the best forklift choice for double-deep pallet racking!

Key Specs ▶

Suitable for

Double deep rack

Max. Lift height

10160mm(400inches)

Driving speed, laden/unladen

10/10 (km/h)

Load Capacity

1400kgs(3086lbs)

Lifting speed, laden/unladen

400/500(mm/s)

◀ MFE20

The single-reach truck, with a telescopic fork mechanism, is suitable for operations in narrow aisles and limited spaces, the most widely used forklift in U.S. warehouses.

◀ Key Specs

Suitable for

Single deep rack

Max. Lift height

10160mm(400inches)

Driving speed, laden/unladen

10/10 (km/h)

Load Capacity

2000kgs(4409lbs)

Lifting speed, laden/unladen

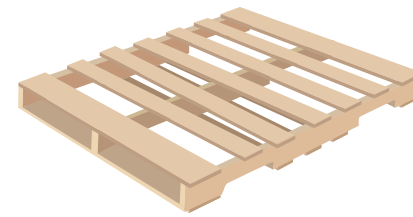
400/500(mm/s)



Compatible With Various Pallet Types

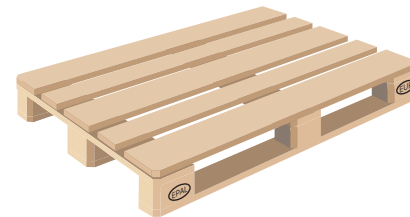
MiMA's electric scissors reach trucks are designed to adapt to a wide range of pallet types, including Euro, US, and Asian pallets, ensuring maximum versatility in diverse working environments. Whether you're handling standard wooden pallets, plastic pallets, or custom-sized pallets, MiMA forklifts are designed with flexibility to accommodate your specific needs.

With features like side-shift and precision alignment, MiMA forklifts allow effortless handling of various load types, improving efficiency and reducing the need for multiple handling equipment. From narrow aisles to high-density storage, MiMA ensures that your pallet handling is quick, safe, and reliable.



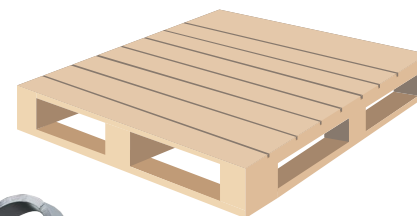
US Pallet

1219 mm x 1016 mm
(48 x 40inch)



Euro Pallet

1200 mm x 800 mm



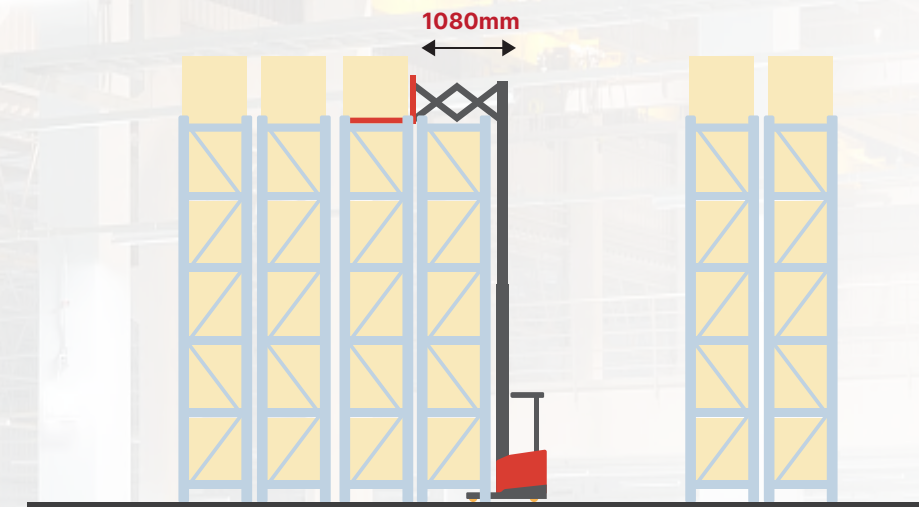
Asian Pallet

1100 mm x 1100 mm

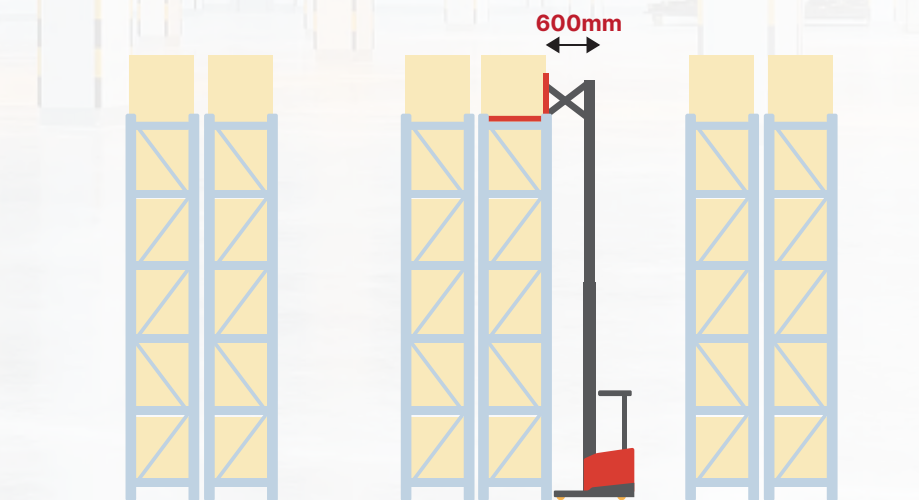


Increasing Storage Capacity

Double-deep racking is ideal for maximizing space, making it greatly useful in areas like refrigerated or freezer storage. It's also effective for storing similar items, fast-moving products, or bulk goods, as it follows the First-In, Last-Out (FILO) method.



Double-deep pallet racking



Single-deep pallet racking

Stability

- The battery is positioned low in the forklift, ensuring a low center of gravity for enhanced stability, smooth cornering, and comfortable driving control.
- High redundant capacity mast: High-precision mast, no-load loss below 8000mm, and the ability is equally good when carrying ultra-high loads.



- With a four-pivot structure, the truck has good stability when performing a high lift.



- The integrated mechanical, electrical, and hydraulic control realizes the step-less speed regulation of truck traveling and fork movement, more precisely and stably.

High Efficiency

- The truck can be operated efficiently in ultra-narrow aisles thanks to the small turning radius.
- The flexible scissor reach mechanism allows the forks to efficiently reach into racking for easy pallet loading and unloading.



- The standard hydraulic system with a side shifter can adjust the fork position more flexibly and fork the pallets more efficiently.



**10160mm
(400inches)**
Maximum
lifting height

1080/1364mm
Overall width

Safety



-Operators need to step on both pedals to start the operation. Two safety pedals can effectively reduce the risk of accidental operation.

-Equipped with active driver presence safety monitoring OPS system, which effectively improves operation safety.

-The optimized design of the wide-view mast enables the operator to get a better view and improves operation safety.

-HD Camera in the middle of the fork and a big display screen(featuring power display, hour meter, and fault diagnosis) make picking up pallets at high positions more intuitive and efficient.

-Equipped with headlights and warning lights, it offers low energy consumption, safety, and reliable working illumination.

Headlights
& Warning lights



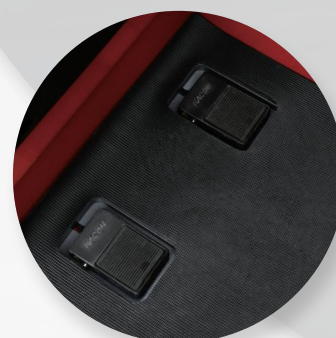
Display Screen
(Featuring Power display,
hour meter, and fault diagnosis)



HD Camera
in the middle of the fork



OPS system



Comfort

- The ergonomically arranged integrated handle, steering wheel, backrest, instruments, and emergency stop switches for safety make operations more comfortable, flexible, and worry-free.

A new optimized lifting system enables the operator's wider view through the mast and excellent line of sight.

The new large-screen LED instrument features a power display, hour meter, and fault diagnosis functions. The user-friendly interface is easy to read and offers excellent visibility.

- The integrated handle helps minimize hand movement and muscle fatigue and greatly improves efficiency and operating

- Electric power steering (EPS) offers precise and fast steering response, improving operation comfort and safety, and bringing operators effortless steering experience.

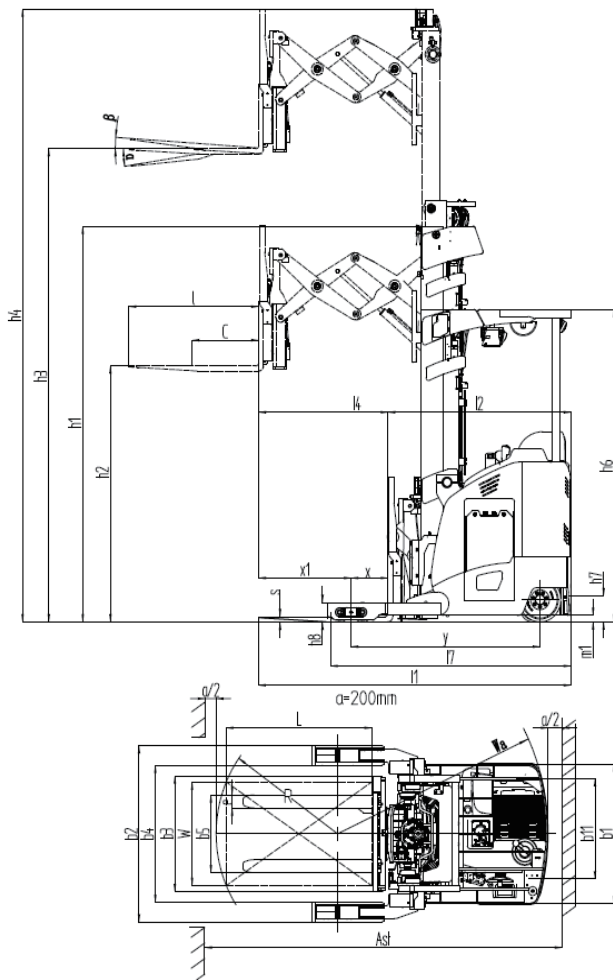
- The spacious driving space and ergonomically backrest greatly improve riding comfort and reduce operator fatigue from long-term driving.

MFE14

Double Scissors Reach Truck (1.4t)



Model	MFE14
Load Capacity(kg)	1400
Load Center Distance(mm)	600
Overall Length(mm)	2585
Overall Width(mm)	1080/1364
Reach distance(mm)	1080
Performance Data	
Travel Speed, laden/unladen(Km/h)	10/10
Lift Speed, laden/unladen(mm/s)	400/500
Lowering Speed, laden/unladen(mm/s)	550/500
Dimensions	
Fork Dimensions (mm)	1070/100/40
Spread Fork Outside(mm)	342~702
Aisle Width with Pallet800*1200(mm)	3000
Aisle Width with Pallet1000*1200(mm)	3045
Turning Radius(mm)	1815
Electrical Parameters	
Drive Motor Rating(kw)	5.8AC
Lift Motor Rating(kw)	14AC
Battery Voltage/Rated Capacity(V/Ah)	48/550
Battery Weight(min.)(kg)	820
Steering System	EPS
Battery Change Method	Side Pull



MFE20

Single Scissor Reach Truck (2t)



Model	MFE20
Load Capacity(kg)	2000
Load Center Distance(mm)	600
Overall Length(mm)	2515
Overall Width(mm)	1080/1364
Reach distance(mm)	600
Performance Data	
Travel Speed, laden/unladen(Km/h)	10/10
Lift Speed, laden/unladen(mm/s)	400/500
Lowering Speed, laden/unladen(mm/s)	500/480
Dimensions	
Fork Dimensions (mm)	1070/100/40
Spread Fork Outside(mm)	342~702
Aisle Width with Pallet800*1200(mm)	2932
Aisle Width with Pallet1000*1200(mm)	2976
Turning Radius(mm)	1738
Electrical Parameters	
Drive Motor Rating(kw)	5.8AC
Lift Motor Rating(kw)	14AC
Battery Voltage/Rated Capacity(V/Ah)	48/550
Battery Weight(min.)(kg)	820
Steering System	EPS
Battery Change Method	Side Pull

