

FORKS

MiMA provide multiple specifications of forks, including standard fork, fork positioner, four-fork attachment, customized ultra-wide fork carriage, aiming to adapt to different lengths of materials. Longer materials require wider forks to ensure the safety movement of goods.



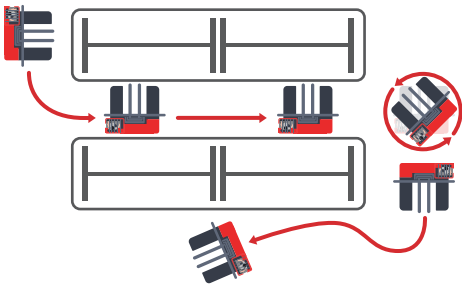
TIRES

We provide two options: Polyurethane Tires and Solid rubber tires, aiming to meet various working conditions including smooth roads, rough terrain, indoor and outdoor environments. This enhances vehicle safety and driver comfort.

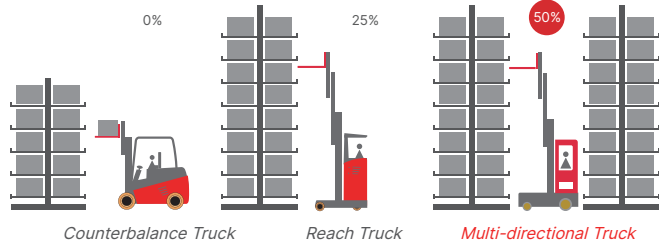


MULTI-/FOUR-DIRECTIONAL DRIVING MODES

In sideways driving mode, the forklift can rapidly transport long materials through narrow aisles and door frames. In straight driving mode, it can carry long materials for rapid transportation. The 360 degree rotation and multiple driving modes make forklift steer more flexibly.



Multi-Directional Driving Mode



Increase Storage Capacity

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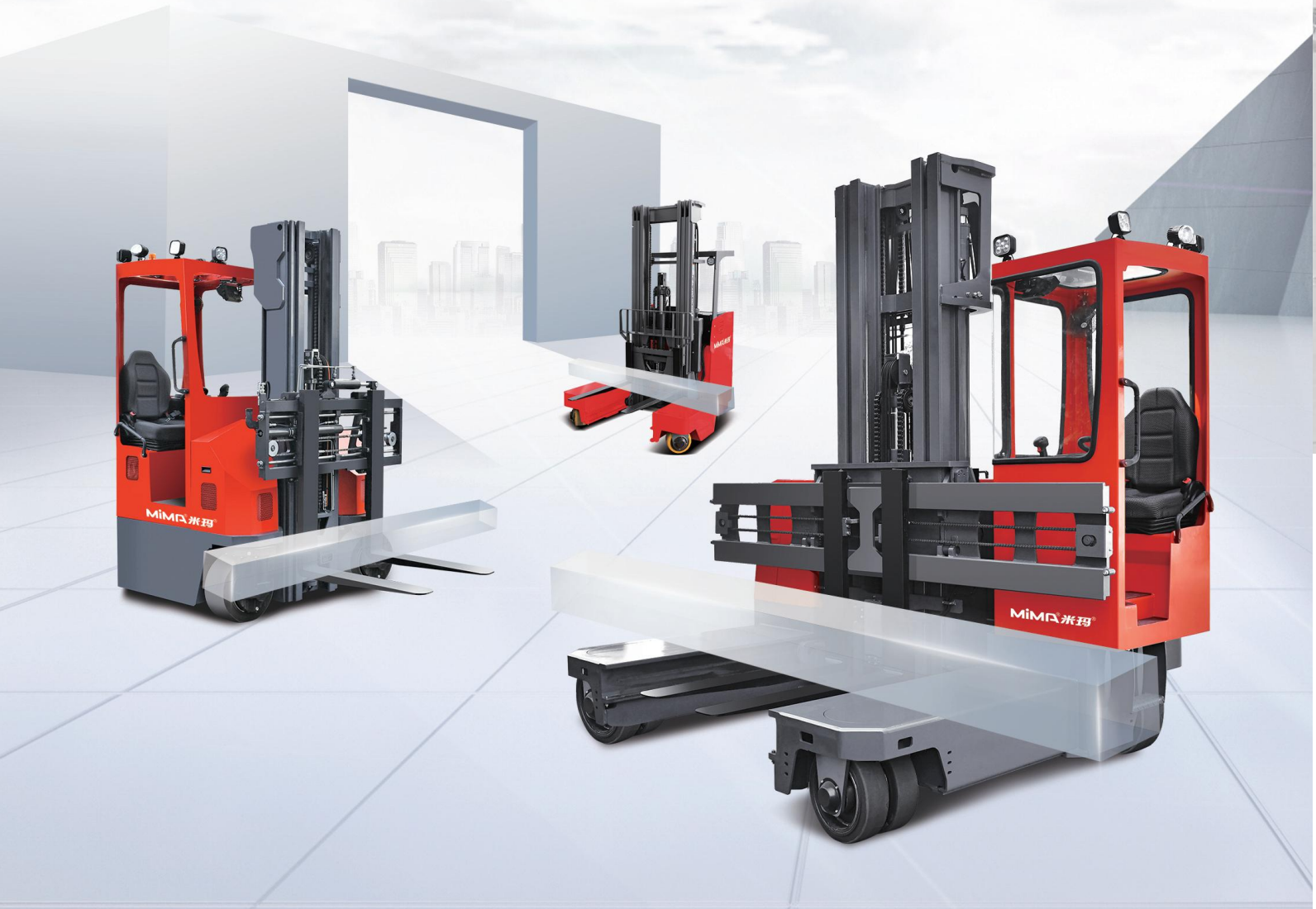
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MiMA[®]
Min. Space Max. Performance

BANYITONG SCIENCE & TECHNOLOGY DEVELOPING CO.,LTD.
Since 1994

Multi-/Four-Directional Forklift

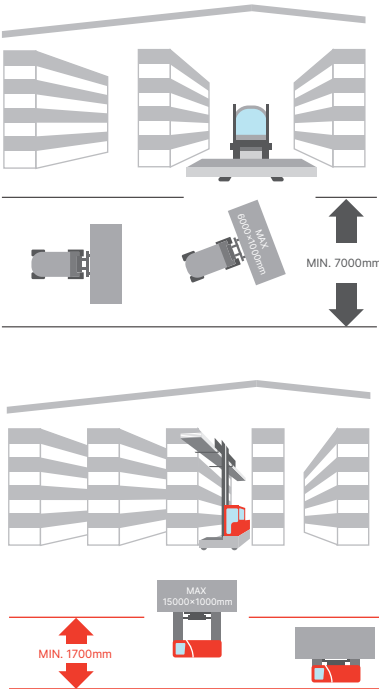
Long Material Handling Dense Storage Solution



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Multi-/Four-Directional Forklifts and Multi-directional Counter-balance Forklift, with rated loads ranging from 1.5 to 5.0 tons and materials length up to 15 meters. These forklifts are widely used in various working conditions for handling and stacking materials, such as timber, aluminum, steel, window glasses, plastics, and textiles.

- Narrow Aisle Widths Reduced to 2.5m
- Maximum Lift Height Reach to 8.5m
- Increase Storage Capacity by 150%
- Straight, Sideways, Diagonal Driving Modes and in-situ rotation
- Options: fork positioner, four-fork attachment, ultra-wide fork carriage



MQ25

Multi-Directional Reach Truck (Stand-on)(1.5-3t)

MQ series forklift is a multi-directional driving forklift suitable for narrow aisle stacking and long materials handling. Compared to traditional reach trucks, it features multiple driving modes including straight, sideways, diagonal driving, right-angle and pin-situ rotation. Its diagonal driving capability makes it more suitable for handling long, narrow items such as metal profiles, rebar, and sheet materials. With multi-directional movement and EPS system, it is ideal for narrow aisle stacking operations.



Type	MQ2530		MQ2545SQ
Rated capacity (kg)	2500		
Load center (mm)	500		
Max. Lifting height (mm)	3000		4500
Service Weight (incl. Battery)	≈3700		≈3900
Overall length(incl. Fork length) (mm)	2250		2300
Overall max. width (mm)	1595		
Travelling speed, laden/unladen (km/h)	7.0~9.0		
Lifting speed, laden/unladen (mm/s)	240/320		220/300
Battery voltage/nominal capacity (V/Ah)	48/400		

MQ30

Multi-Directional Reach Truck (Stand-on)(3t)

MQ30 multi-directional reach truck, with a rated loads of 3.0 tons, capable of multi-directional movements: straight, sideways, diagonal driving, right-angle and in-situ rotation, suitable for handling and stacking long materials in narrow aisle.



Type	MQ30	
Rated capacity (kg)	3000	
Load center (mm)	600	
Max. Lifting height (mm)	8000	
Service Weight (incl. Battery)kg	5630	
Overall length(Without guide wheel)(mm)	2000	
Overall width (mm)	2280/2860	
Side travel speed, laden/unladen (km/h)	6	
Lifting speed, laden/unladen (m/s)	0.2/0.3	
Battery voltage/nominal capacity (V/Ah)	48/460	

①: Standard model data, specifications may vary depending on configuration.

Note: This technical specifications list only partial parameters. For detailed specifications, please consult a professional sales engineer.

MQC25/30

Multi-Directional Forklift (Seated)(2.5-3t)

MQC25/30 multi-directional reach truck, with a rated loads of 2.5-3.0 tons. The mast can move forward or retract entirely, equipped with wide fork positioner. It features independent control of four-wheel steering, allowing straight, sideways, diagonal driving and in-situ rotation. Its aisle width is narrower when moving sideways, making it perfectly suitable for handling long materials. Applied work conditions: ideal for stacking in narrow aisles and handling long or bulky materials.



Type	MQC25		MQC30
Rated capacity (kg)	2500		3000
Load center (mm)	600		
Max. Lifting height (mm)	8000		
Service Weight (incl. Battery)	≈5385①		≈5585①
Overall length(Without guide wheel) (mm)	2300		
Overall max. width (mm)	2160		
Travelling speed, laden/unladen (km/h)	8.0~9.0		
Lifting speed, laden/unladen (mm/s)	200/300		
Battery voltage/nominal capacity (V/Ah)	48/500		

①: Standard model data, specifications may vary depending on configuration.

MQC35/40/45/50

Multi-Directional Forklift (Seated)(3.5-5t)

MQC35/40/45/50 multi-directional reach truck, with a rated loads of 3.5-5.0 tons. The mast can move forward or retract entirely, equipped with wide fork positioner. It features independent control of four-wheel steering, allowing straight, sideways, diagonal driving and pivot turns. Its aisle width is narrower when moving sideways, making it perfectly suitable for handling long materials. Applied work conditions: stacking in narrow aisle, and long and bulk materials stacking.



Type	MQC35	MQC40	MQC45	MQC50
Rated capacity (kg)	3500	4000	4500	5000
Load center (mm)	600			
Max. Lifting height (mm)	8000		8000	
Service Weight (incl. Battery)	≈6370①		≈7750①	
Overall length(Without guide wheel) (mm)	2300			
Overall max. width (mm)	2860		2960	
Side travel speed, laden/unladen (km/h)	7.0 ~ 8.0			
Lifting speed, laden/unladen (km/h)	150/250		190/220	
Battery voltage/nominal capacity (V/Ah)	48/560		80/500	

①: Standard model data, specifications may vary depending on configuration.

Note: This technical specifications list only partial parameters. For detailed specifications, please consult a professional sales engineer.

MQZ25/30

Multi-Directional Reach Truck (Seated)(2.5-3t)

The MQZ series is a seated multi-directional reach truck, with a rated loads of 2.5/3.0 tons, featuring three-wheel independent steering, with a narrow body, reduced turning radius, and higher efficiency. Applied work conditions: medium-density storage and high turnover rate conditions, stacking long materials in narrow aisle.



Type	MQZ25M	MQZ30M
Rated capacity (kg)	2500	3000
Load center (mm)	600	
Max. Lifting height (mm)	10500	
Service Weight (incl. Battery)	5100	5200
Overall length(mm)	2550	2566
Overall width(mm)	1770/1270	
Travelling speed, laden/unladen (km/h)	8.0~10.0	
Lifting speed, laden/unladen (mm/s)	320/400	300/400
Battery voltage/nominal capacity (V/Ah)	48/700	

MQK30

Muti-directional Counterbalance forklift(3t)

MQK30 multi-directional counterbalance forklift, with a rated loads of 3.0 tons. The mast can tilt and is equipped with fork positioner and side-shifter forks. It features dual front-wheel driving with three-point support, and three-wheel independent steering, allowing for straight, sideways, diagonal driving and pivot turns with high flexibility. Its aisle width is narrower when moving sideways and straight, making it perfectly suitable for stacking long materials in narrow aisles. Compared with ordinary counterbalanced forklifts, the stacking aisle is reduced, and it has side travel mode and high flexibility; Compared with the reach truck, the stacking efficiency is improved, and there is no need to move the fork forward for stacking in the roadway.



Type	MQK30	
Rated capacity (kg)	3000	
Load center (mm)	500	
Max. Lifting height (mm)	8000	
Service Weight (incl. Battery)	≈7900	
Overall length(mm)	2520	
Overall max. width (mm)	1640	
Side travel speed, laden/unladen (km/h)	7.0~8.0	
Lifting speed, laden/unladen (mm/s)	220/350	
Battery voltage/nominal capacity (V/Ah)	48/880	

Note: This technical specifications list only partial parameters. For detailed specifications, please consult a professional sales engineer.

STANDARD & OPTIONAL

MQ25	
Standard configuration	Optional function
· 920mm fork length · PU wheel · Blue light/warning light · Lead acid battery · Joystick control operation · EPS steering · Intelligent charger · Full AC system	· Mast heighten · Four forks · Fork positioner · 48V/300Ah lithium battery · Camera and color video display · Fingertips operation · Curved mirror · Blue spot light · Cold storage option
MQZ25/30	
Standard configuration	Optional function
· All wheels EPS steering · Curtis controller · Full AC system · Fork positioner · Camera and video color display · Fingertips operation · Large capacity lead-acid battery · PU wheels	· Lithium battery · Side-shift fork positioner · Color changing · ~25 degree cold storage
MQC series	
Standard configuration	Optional function
· Fork Positioner · Integrated Handle · Suspension Seat · OPS Safety Function · Camera and video color display · Blue Light · LED Light · Intelligent charger · Color changing	· Lithium Battery · Four Forks · Closed Cabin · Cabin Heating · Continuous Switching · Imported Solideal tire · Fork sensing function
MQ30	
Standard configuration	Optional function
· 1200mm fork length · PU wheel+solid wheel · Blue light/warning light · 48V/460Ah lithium battery · Fingertips operation · Fork positioner · Wireless HD Camera & LCD Display	· Mast heighten · Four forks
MQK30	
Standard configuration	Optional function
· 920mm fork length · Solid rubber tyre · Blue light and warning light · Lead acid battery · Integrated handle · Fork positioner with side-shifter · Wireless HD Camera & LCD Display	· 1070/1220mm fork length · Lithium battery · Closed cabin · Four forks · Cold storage (- 25°C)