

Product Overview

The MQC80 Multi-Directional Forklift features an 8-ton load capacity. Its mast can move forward or retract as a whole and is equipped with fork positioner, with an optional four-fork configuration.

With independently controlled four-wheel steering, the truck supports forward, lateral, diagonal travel, and 360° on-the-spot rotation. Thanks to its excellent lateral travel capability, it requires a much narrower aisle width, making it ideal for handling long materials up to 20 meters in length.

Performance Features

- Dual-drive braking system: Provides superior braking performance and safe operation on wet or icy surfaces, ensuring enhanced operator safety.
- Ergonomic design: Integrated control handle and multifunction intelligent display with wheel angle indication, offering comfortable and intuitive operation.
- High-capacity mast: Designed with heavy-duty channel steel, capable of handling up to 10 tons, with a large load center distance and excellent performance at high lift heights.
- Fully electric steering: Delivers precise and efficient steering while reducing energy consumption and environmental impact.

Key Advantages

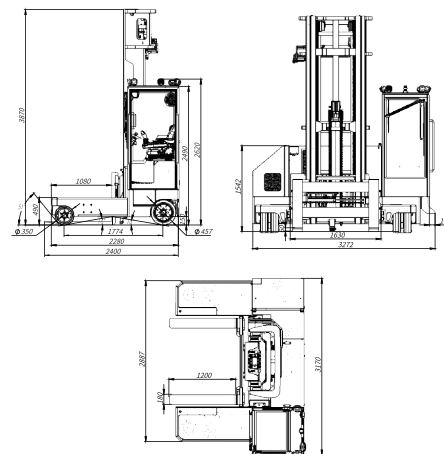
- Equipped with an 80V / 840Ah lithium battery, providing strong power output and extended endurance for long, continuous operations.
- Modular vehicle design for easier maintenance and servicing.
- High endurance performance: Full AC system with brushless AC motors ensures high efficiency and energy savings, meeting the demands of heavy-duty applications.
- Enhanced operator comfort: Electronic steering reduces steering effort and operator fatigue, significantly improving productivity.



ELECTRIC MULTI-DIRECTIONAL FORKLIFT MQC80

Technical Specification

1.1	Brand		MIMA
1.2	Model		MQC80
1.3	Drive Type		Electric
1.4	Operation Type		Seated
1.5	Rated Load	kgm	8000
1.6	Load Center	mm	600
1.7	Height with Mast Retracted	mm	3900
1.8	Lift Height	mm	8000
1.9	Overall Length	mm	2400
1.10	Overall Width	mm	3170
1.11	Fork Dimensions	mm	1200×180×60
1.12	Fork Outside Spread	mm	600-1550
1.13	Travel Speed	Km/h	Straight forward 7-8, Sideways 8-9, Slow speed 3
1.14	Lifting Speed (Laden / Unladen)	mm/s	250/300
1.15	Lowering Speed (Laden / Unladen)	mm/s	350/250
1.16	Gradeability (Laden / Unladen)	%	8/10
1.17	Service Brake		Regenerative + Electromagnetic
1.18	Parking Brake		Electromagnetic
1.19	Drive motor, rating	KW	2×8
1.20	Lift motor, rating	KW	2×15
1.21	Lithium battery	V/Ah	80/840



Long Material Handling/ Narrow-Aisle Warehousing Solution

1.5–8 Tons Capacity - Handles Materials up to 20m



MQ15/25

Stand-on Multi-directional Forklift

Rated Load Capacity: 1500/2500kg
Max. Lifting Height: 5000/8000mm
Driving mode: Multi-directional



MQZ25/30

Seated Multi-directional Forklift

Rated Load Capacity: 2500/3000kg
Max. Lifting Height: 10500mm
Driving mode: Multi-directional



MQ30

Stand-on Multi-directional Forklift

Rated Load Capacity: 3000kg
Max. Lifting Height: 8000mm
Driving mode: Multi-directional



MQC25/30/40/50/80

Seated Multi-directional Forklift

Rated Load Capacity: 2500-8000kg
Max. Lifting Height: 3000-12000mm
Driving mode: Multi-directional



MQK30

Multi-directional Counterbalance Forklift

Rated Load Capacity: 3000kg
Max. Lifting Height: 8000mm
Driving mode: Multi-directional



MQK30/40

Multi-directional Counterbalance Forklift

Rated Load Capacity: 3000/4000kg
Max. Lifting Height: 8000/7500mm
Driving mode: Multi-directional



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