



ELECTRIC FORKLIFT

PRODUCTS RANGE 2025



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STEP INTO MIMA

Founded in 1994, Banyitong Science & Technology Developing Co., Ltd. is a high-tech enterprise specializing in the design, development, and manufacturing of high-end electric material handling equipment. Headquartered in Hefei, Anhui, the company operates under the brand MIMA (Min. Space, Max. Performance), covering an area of 72,000 square meters and 710+ employees with engineers making up 15% of the workforce.

With a strong commitment to innovation, we have continuously led the industry in Very Narrow Aisle (VNA) solutions, becoming the first company in China to develop and mass-produce three-way pallet stackers and multi-directional forklifts for long material handling. In recent years, we have stepped into the era of intelligent automation with the launch of advanced AGV (Automated Guided Vehicle) solutions.

In 2024, we proudly established a subsidiary in the United States and set up six major sales and service centers across China to further expand our sales and service network.

For over 30 years, we have continuously driven technological innovation and accumulated extensive experience and technical capabilities to help our customers overcome various complex warehousing challenges.

We take particular pride in our leadership in VNA dense storage, long material handling, heavy-duty applications, and AGV solutions. With excellent performance in efficiency, stability, and intelligence, the MIMA brand has become a market leader in VNA and AGV forklift solutions in China.

We will continue to uphold our innovation-driven approach, striving to make material handling easier and more efficient for our customers.

1994
 Surpass 30+ years of forklift history

710+
 Employees

300
 Over 300 dealers & distributors worldwide

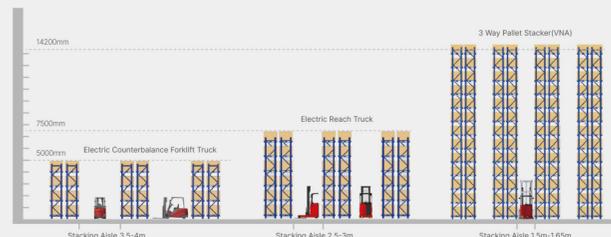
DEVELOPMENT HISTORY

1994 Enter the forklift industry, engaging in whole-vehicle trade and service.	1999 Establish Hefei production base, developing and selling electric pallet trucks and stackers.	2000 Found Hefei Banyitong Technology Development Co., Ltd., with the Lu Ming Road plant covering an area of 23,000 sqm.	2003 Launch the world's first MFA small reach truck, and establish the foreign trade team.	2005 Complete the R&D and launch of the full series of counterbalanced electric forklifts.
2015 Complete the R&D of the VNA 3-way pallet stacker magnetic navigation system.	2010 Complete the R&D and launch of the ultra-high tonnage electric pallet truck (30T).	2009 Be the first Chinese brand to design, develop, and mass-produce long material multi-directional forklifts.	2007 Be the first Chinese brand to design, develop, and mass-produce VNA 3-way pallet stackers.	2006 Create the MIMA brand, "Min Space, Max Performance" - achieving great dreams in small spaces.
2017 The Dalhe Road put into use, with the company's land area exceeding 72,000 sqm.	2020 Complete the R&D of the VNA articulated forklift and the man-up turret truck.	2021 Be selected as one of National Key "SRDI" Little Giant Enterprises in Anhui Province.	2023 One of the largest manufacturers of AGV bodies in China.	2024 Establish the U.S. branch.

VNA HIGH-DENSITY WAREHOUSING SOLUTION

MIMA 3-way pallet stackers deliver an ultra high-density storage solution, boosting warehouse utilization by up to 200%. With a three-stage full free-lift mast, they can stack up to 14.2 meters high in aisles as narrow as 1.5 meters.

- Developing and manufacturing 3-way pallet stackers since 2007
- Over 5,000 units sold worldwide
- Contributed to the formulation of China's national standards for electric 3-way pallet stackers



LONG MATERIAL HANDLING SOLUTION

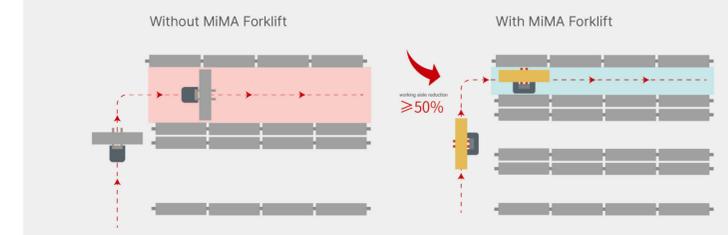
The Perfect Solution For Your Long Material Handling Needs

Warehouses often face challenges in storing large loads like lumber or pipes in confined areas, promoting storage density and efficiency. MIMA's multi-directional forklift is designed precisely for such situations. With its ability to move straight, sideways, 360° in-situ rotation, and drive diagonally, it easily navigates through narrow entrances or aisles.

MIMA can offer the forklift from outdoor to indoor transfers. It allows continuous operation, enabling rapid stacking tasks, reducing transfer times, and enhancing stacking efficiency.



- 2.5m**
Aisle for side driving as narrow as
- 60%**
Rack height increased by
- 20m**
Long materials can reach up to



NARROW AISLE FORKLIFT SOLUTION

MULTI-DIRECTIONAL FORKLIFT



MQ30 Rated Capacity 3000kg Max. lift height 8000mm
MQC25 Rated Capacity 2500kg Max. lift height 8000mm
MQC30 Rated Capacity 3000kg Max. lift height 8000mm
MQC40 Rated Capacity 4000kg Max. lift height 8000mm
MQC50 Rated Capacity 5000kg Max. lift height 8000mm
MQC80 Rated Capacity 8000kg Max. lift height 8000mm



MQ25 Rated Capacity 2500kg Max. lift height 8000mm
MQZ25 Rated Capacity 2500kg Max. lift height 10500mm
MQZ30 Rated Capacity 3000kg Max. lift height 10500mm
MQK30 Rated Capacity 3000kg Max. lift height 8000mm
MQK30 Rated Capacity 3000kg Max. lift height 8000mm
MQK40 Rated Capacity 4000kg Max. lift height 7500mm

3-WAY PALLET STACKER



MC08 Rated Capacity 800kg Max. lift height 6000mm
MC12 Rated Capacity 1200kg Max. lift height 9000mm
MC16 Rated Capacity 1600kg Max. lift height 10000mm
MCA16 Rated Capacity 1600kg Max. lift height 12000mm
MCC12 Rated Capacity 1200kg Max. lift height 11000mm
MCC14 Rated Capacity 1400kg Max. lift height 12500mm+1700mm
MCC16 Rated Capacity 1600kg Max. lift height 12500mm+1700mm
MCC16 U Rated Capacity 1600kg Max. lift height 12500mm+2000mm

ARTICULATED FORKLIFT



MJ20 Rated Capacity 2000kg Max. lift height 12500mm
MJ30 Rated Capacity 3000kg Max. lift height 8000mm
MJ25 Rated Capacity 2500kg Max. lift height 8000mm

ELECTRIC ORDER PICKER



MHA10 Rated Capacity 1000kg Max. lift height 6000mm
MHA13 Rated Capacity 1360kg Max. lift height 9500mm
MHA10 Rated Capacity 1000kg Max. lift height 6000mm
MHA13 Rated Capacity 1360kg Max. lift height 9500mm

ELECTRIC REACH TRUCK



MFZ16 Rated Capacity 1600kg Max. lift height 10500mm
MFZ20 Rated Capacity 2000kg Max. lift height 12500mm
MFZ25 Rated Capacity 2500kg Max. lift height 8500mm
MFZ30 Rated Capacity 3000kg Max. lift height 8500mm
MFE15 Rated Capacity 1500kg Max. lift height 10160mm
MFE20 Rated Capacity 2000kg Max. lift height 10160mm



MF12 Rated Capacity 1200kg Max. lift height 6000mm
MF15 Rated Capacity 1500kg Max. lift height 7500mm
MF18 Rated Capacity 1800kg Max. lift height 7500mm
MF20 Rated Capacity 2000kg Max. lift height 7500mm
MF25 Rated Capacity 2500kg Max. lift height 8000mm
MF30 Rated Capacity 3000kg Max. lift height 8000mm

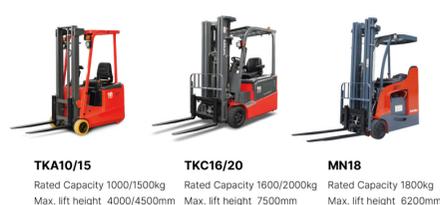
WAREHOUSE EQUIPMENT SOLUTION

COUNTERBALANCE FORKLIFT



MK15 Rated Capacity 1500kg Max. lift height 7000mm
MK20 Rated Capacity 2000kg Max. lift height 7000mm
MK25 Rated Capacity 2500kg Max. lift height 7000mm
MK30 Rated Capacity 3000kg Max. lift height 7000mm
MK35 Rated Capacity 3500kg Max. lift height 7000mm
MK40 Rated Capacity 4000kg Max. lift height 7000mm
MK50 Rated Capacity 5000kg Max. lift height 6000mm

COUNTERBALANCE FORKLIFT



TKA10/15 Rated Capacity 1000/1500kg Max. lift height 4000/4500mm
TKC16/20 Rated Capacity 1600/2000kg Max. lift height 7500mm
MN18 Rated Capacity 1800kg Max. lift height 6200mm

ELECTRIC PALLET TRUCK



ME20/25 Rated Capacity 2000/2500kg Max. lift height 200mm
ME30/40 Rated Capacity 3000/4000kg Max. lift height 195/200mm
ME60 Rated Capacity 6000kg Max. lift height 205mm
ME36 Rated Capacity 3630kg Max. lift height 140mm
MEC20 Rated Capacity 2000kg Max. lift height 200mm

ELECTRIC TOW TRACTOR



MGA40/60 Rated Capacity 4000kg/6000kg
MGC40 Rated Capacity 4000kg

ELECTRIC PALLET STACKER



MB15/20 Rated Capacity 1500/2000kg Max. lift height 5500mm
MBB09 Rated Capacity 900kg Max. lift height 3000mm
MBB16 Rated Capacity 1600kg Max. lift height 5500mm
MBB20 Rated Capacity 2000kg Max. lift height 5500mm
MBG16 Rated Capacity 1600kg Max. lift height 5000mm
MBB20 Rated Capacity 2000kg Max. lift height 5500mm
MBB16/20 Rated Capacity 1600kg/2000kg Max. lift height 5000mm
MFA15/20 Rated Capacity 1500/2000kg Max. lift height 5500mm

AGV FORKLIFT HARDWARE SOLUTION



MBV15 Rated Capacity: 1500kg Lifting Height: 4500mm
MBV20 Rated Capacity: 2000kg Lifting Height: 4500mm
MBV25 Rated Capacity: 2500kg Lifting Height: 4500mm
MBV30 Rated Capacity: 3000kg Lifting Height: 4500mm
MBV50 Rated Capacity: 5000kg Lifting Height: >1400mm
SLIM MB12 Rated Capacity: 1200kg Lifting Height: 3500mm
SLIM MB14 Rated Capacity: 1400kg Lifting Height: 3500mm
SLIM MB16 Rated Capacity: 1600kg Lifting Height: 3500mm
SLIM MB20 Rated Capacity: 2000kg Lifting Height: 4000mm
MEV20 Rated Capacity: 2000kg Lifting Height: 110mm
MEV25 Rated Capacity: 2500kg Lifting Height: 110mm
MEV30 Rated Capacity: 3000kg Lifting Height: 110mm



TKC Rated Capacity: 2000kg Lifting Height: 6000mm
MKV20 Rated Capacity: 2000kg Lifting Height: 6000mm
MKV25 Rated Capacity: 2500kg Lifting Height: 6000mm
MKV30 Rated Capacity: 3000kg Lifting Height: 6000mm
MKV35/40 Rated Capacity: 3500-4000kg Lifting Height: 6000mm
MBQ10 Rated Capacity: 1000kg Lifting Height: 1600-2500mm
MQK10V Rated Capacity: 1000kg Lifting Height: 2500-8000mm
MQV15 Rated Capacity: 1500kg Lifting Height: 4500mm
MQV20 Rated Capacity: 2000kg Lifting Height: 2500-6500mm



MQV30 Rated Capacity: 3000kg Lifting Height: 2500-8000mm
MFV Rated Capacity: 1600kg/2000kg Lifting Height: 4600-8000mm
1MFV14 Rated Capacity: 1400kg Lifting height: 8000mm
MFZ Rated Capacity: 1600kg-3000kg Lifting Height: 3600-12500mm
MC12/16 Rated Capacity: 1200kg/1600kg Lifting Height: 9000/10000mm
MCA16 Rated Capacity: 1600kg Lifting Height: 4500-12000mm
MG30 Rated Traction Weight: 3000kg
MGA40 Rated Traction Weight: 4000kg
MGA60 Rated Traction Weight: 6000kg