MiMA®
Min. Space Max. Performance

ELECTRIC FORKLIFT

PRODUCTS RANGE 2025



One-Stop Solutions for Internal Material Handling and Storage

www.mimaforklift.com

MiMA®
Min. Space Max. Performance

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SOLUTION

03 **VNA High-Density Warehousing Solution**
Special forklift solution for high-level stacking in very narrow aisle.

05 **Long Material Handling Intensive Storage Solution**
Special forklift solutions for long materials storage.

07 **AGV Forklift Body Solution**
We develop and manufacture forklift bodies based on your AGV system.

1994
Nearly 30 years of forklift history

700+
Employees

50+
National invention patents

72000m²
Total area

Founded in 1994, Banyitong Science & Technology Developing Co., Ltd. is a high-tech enterprise specializing in designing and manufacturing high-end electric material handling equipment. The company covers an area of 72,000 square meters with 700 employees. We are one of the first batch of national "SRDI"(Specialization, Refinement, Differentiation, Innovation)small giant enterprises in Anhui Province, with a highly qualified R&D team of over 100 engineers. We're also an industrial technology R&D center in Anhui province.

"MiMA", our product brand, is interpreted as Min. Space, Max. Performance! We aim to create more excellent value for customers through our professional products and realize more fantastic dreams together with our customers.



VNA High-Density Warehousing Solution

Special Forklift Solution for High-level Stacking in Very Narrow Aisle



MiMA presents the definitive 3-way forklift, tailor-made for high-density storage. Elevate storage optimization, simplify cargo workflows, and enhance staff performance. Trusted globally with 4,000 units delivered. In 2024, MiMA played a pivotal role in defining China's 3-way stacking forklift standards and holds 40+ domain-specific patents.



100%
Increase the shelf height

55%
Reduce the aisle width

200%
Increase the pallet quantity

60%
Reduce the cost of each pallet



Regular Warehousing Forklift

Aisle width : 3.5m-4.5m
Shelf height : 3.0m-6m



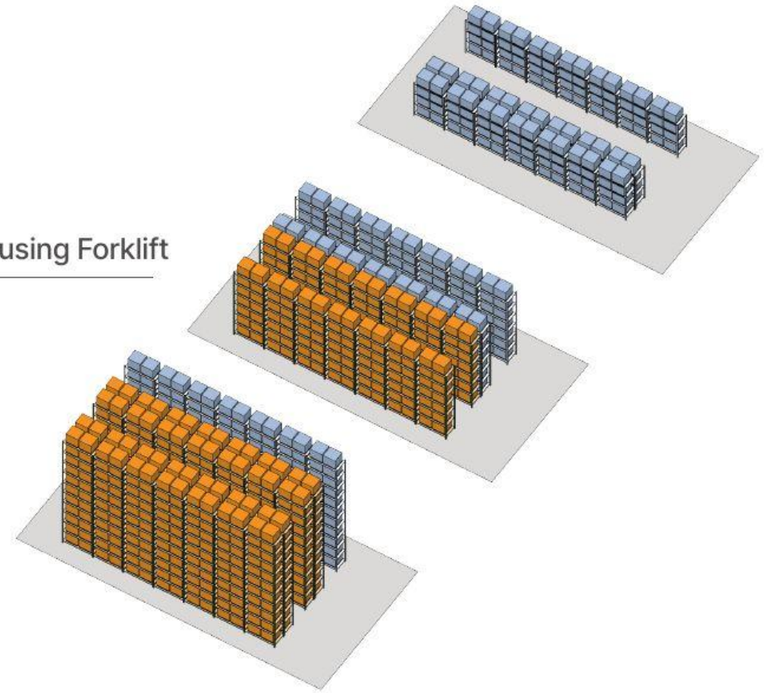
Narrow Aisle Warehousing Forklift

Aisle width : 2.5m-3.0m
Shelf height : 7.5m-12m
Storage capacity rate increased by 150%



VNA Forklift

Aisle width : 1.5m-1.7m
Shelf height : 10m-14.2m
Storage capacity rate increased by 200%



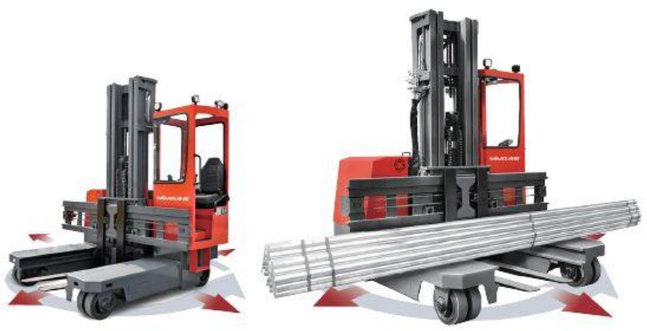
Long Material Handling Intensive Storage Solution



Special Forklift Solutions for Long Materials Storage

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, rotate on-the-spot, and drive diagonally, it easily navigates through narrow entrances or aisles.

MiMA can offer the forklift from outdoor to indoor transfers. It allows seamless operations, enabling rapid stacking tasks, reducing transfer times, and enhancing stacking efficiency.



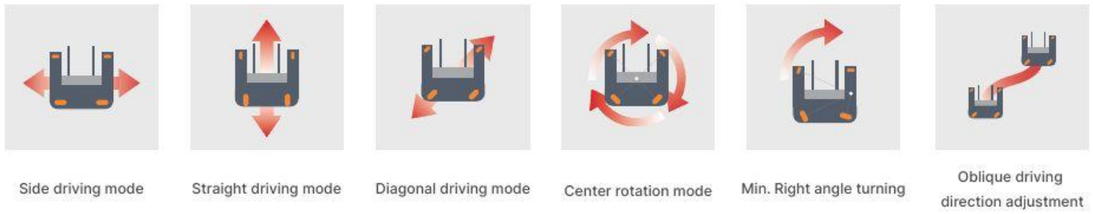
2.5m
Aisle for side driving as narrow as

60%
Rack height increased by

15m
Long materials can reach up to

6m
Fork carriage can be customized as wide as

Using the multi-directional travel mode, long materials can be transported in narrower aisles. The longer the material, the more obvious the advantage of traveling and stacking in narrow aisles.



Side driving mode | Straight driving mode | Diagonal driving mode | Center rotation mode | Min. Right angle turning | Oblique driving direction adjustment

AGV Forklift Body Solution

We Develop and Manufacture Forklift Bodies Based on Your AGV System.



With extensive experience, MiMA expertly develops and manufactures AGV forklift bodies for global projects, delivering over 5,000 units in three years. Handling nearly 90% process from design, producing, checking to testing in our company which ensures top-notch quality and timely delivery. MiMA's modular approach also provides cost-effective, safe, and reliable AGV products, offering unparalleled value to customers.



30+
AGV forklift body models

50%
Annual sales growth rate

20+
AGV body R&D engineers

10000
Production and sales of customized forklifts

- MiMA's professional technical design team can provide the best solution according to customer's needs in the shortest time!
- 30+mechanical engineers, 20+electrical engineers, 10+PLC vehicle control software engineers.
- MiMA has delivered over 10,000 customized forklifts to thousands of customers!
- Rich experience in non-standard projects is a hassle-free guarantee for AGV forklift projects!

Technology Docking Process

1. Provide customer requirements	2. Provide the first version of the program
3. Technical program confirmation	4. Detailed model and proposal
5. Confirmation of model and program	6. Design and production

MULTI-DIRECTIONAL FORKLIFT



MQ25

Stand-on
Multi-directional Forklift
Rated Capacity 2500kg
Max. lift height 8000mm



MQ30

Stand-on
Multi-directional Forklift
Rated Capacity 3000kg
Max. lift height 8000mm



MQZ25/30

Seated
Multi-directional Forklift
Rated Capacity 2500kg/3000kg
Max. lift height 10500mm



MQC25/30/35/40/45/50

Seated
Multi-directional Forklift
Rated Capacity 2500-5000kg
Max. lift height 8000-11000mm



MQK30

Seated
Multi-directional Counterbalanced Forklift
Rated Capacity 3000kg
Max. lift height 8000mm



MQK30-2 Series

Seated
Multi-directional Counterbalanced Forklift
Rated Capacity 3000kg
Max. lift height 8000mm

ELECTRIC REACH TRUCK



MF12

Stand-on Reach Truck
Rated Capacity 1200kg
Max. lift height 6000mm



MF15D

Stand-on Reach Truck
Rated Capacity 1500kg
Max. lift height 6000mm



MF15/20

Stand-on Reach Truck
Rated Capacity 1500/2000kg
Max. lift height 7500mm



MF25/30

Stand-on Reach Truck
Rated Capacity 2500/3000kg
Max. lift height 8000mm



MFE14

Stand-on Electric
Scissors Reach Truck
Rated Capacity 1400kg
Max. lift height 10160mm



MFE20

Stand-on Electric
Scissors Reach Truck
Rated Capacity 2000kg
Max. lift height 10160mm



MFZ16/20

Seated Reach Truck
Rated Capacity 1600/2000kg
Max. lift height 10500/12500mm



MFZ25/30

Seated Reach Truck
Rated Capacity 2500/3000kg
Max. lift height 8500mm

3-WAY PALLET STACKER



MC12/16

Stand-on VNA Forklift
Rated Capacity 1200/1600kg
Max. lift height 9000/10000mm



MCA16

Seated VNA Forklift
Rated Capacity 1600kg
Max. lift height 12000mm



MCC16

Man-up Turret Truck
Rated Capacity 1600kg
Max. lift height 12500mm+1700mm



MCC16 open cab

Man-up Turret Truck
Rated Capacity 1600kg
Max. lift height 12500mm+1700mm



MCC14F80

Man-up Turret Truck
for Cold Storage
Rated Capacity 1400kg
Max. lift height 12500mm+1700mm

ARTICULATED FORKLIFT



MJ20/25/30

Articulated Forklift
(Upgradeable to a Quad Mast)
Rated Capacity 2000-3000kg
Max. lift height 12500mm

ELECTRIC ORDER PICKER



MHA10

Medium-level
Order Picker
Rated Capacity 1000kg
Max. lift height 6000mm



MHA13

High-level
Order Picker
Rated Capacity 1360kg
Max. lift height 9500mm



MHA10

Medium-level
Order Picker
Rated Capacity 1000kg
Max. lift height 6000mm



MHA13

High-level
Order Picker
Rated Capacity 1360kg
Max. lift height 9500mm



MEC20

Order Picker
Rated Capacity 2000kg
Max. lift height 200mm

ELECTRIC COUNTERBALANCED FORKLIFT



MK15/18

4-wheel Counterbalanced Forklift
Rated Capacity 1500/1800kg
Max. lift height 7000mm



MK20/25

4-wheel Counterbalanced Forkift
Rated Capacity 2000/2500kg
Max. lift height 7000mm



MK30/35/38/40

4-wheel Counterbalanced Forklift
Rated Capacity 3000kg/3500kg /3800kg/4000kg
Max. lift height 7000mm



MK45/50

4-wheel Counterbalanced Forklift
Rated Capacity 4500/5000kg
Max. lift height 6000mm



MN18

Stand-on Counterbalanced Truck
Rated Capacity 1800kg
Max. lift height 6200mm



TKA10/15

3-wheel Counterbalanced Forklift
Rated Capacity 1000/1500kg
Max. lift height 4000/4500mm



TKC16/20

3-wheel Counterbalanced Forklift
Rated Capacity 1600/2000kg
Max. lift height 7500mm

ELECTRIC PALLET STACKER



MBB09

Electric Pallet Stacker
Rated Capacity 900kg
Max. lift height 3000mm



MBB10

Electric Pallet Stacker
Rated Capacity 1000kg
Max. lift height 3500mm



MBB16/20

Electric Pallet Stacker
Rated Capacity 1600/2000kg
Max. lift height 5500mm



MBC16/20

Electric Pallet Stacker
Rated Capacity 1600/2000kg
Max. lift height 5000mm



MB15/20

Electric Pallet Stacker
Rated Capacity 1500/2000kg
Max. lift height 5500mm



MFA15/20

Electric Reach Stacker
Rated Capacity 1500/2000kg
Max. lift height 5500mm



MBF20

Electric Walkie Straddle Stacker
Rated Capacity 2000kg
Max. lift height 5000mm



MBG16

Walkie Reach Stacker
Rated Capacity 1600kg
Max. lift height 5921mm

ELECTRIC PALLET TRUCK



ME20/25

Electric Pallet Truck
Rated Capacity 2000/2500kg



ME30/40

Electric Pallet Truck
Rated Capacity 3000/4000kg



ME60/80

Electric Pallet Truck
Rated Capacity 6000/8000kg



ME36

Electric Pallet Truck
Rated Capacity 3630kg



MEG25

Electric Pallet Truck
Rated Capacity 2500kg

ELECTRIC TOW TRACTOR



MG30

Electric Tow Tractor
Rated Capacity 3000kg



MGA40/60

Electric Tow Tractor
Rated Capacity 4000/6000kg



MGC40

Electric Tow Tractor
Rated Capacity 4000kg

AGV FORKLIFT BODY

AGV COUNTERBALANCED FORKLIFT BODY



MBV15

Rated Capacity 1500kg
Max. lift height 4500mm



MBV15(Rubber tire)

Rated Capacity 1500kg
Max. lift height 4500mm



MBV20

Rated Capacity 2000kg
Max. lift height 4500mm



MBV20PRO/25PRO

Rated Capacity 2000/2500kg
Max. lift height 4500mm



MBV30

Rated Capacity 3000kg
Max. lift height 4500mm



TKA15

Rated Capacity 1500kg
Max. lift height 4500mm



TKC20

Rated Capacity 2000kg
Max. lift height 4500mm



MKV20/25/30/35/40

Rated Capacity 2000-4000kg
Max. lift height 6000mm

AGV PALLET TRUCK BODY



MEV20

Rated Capacity 2000kg
Max. lift height 110mm



ME25/30/40

Rated Capacity 2500 3000/4000kg
Max. lift height 115mm



MEA100

Rated Capacity 10000kg
Max. lift height 100mm

AGV PALLET STACKER BODY



SLIM MB14

Rated Capacity 1400kg
Max. lift height 3500mm



Standard MB20

Rated Capacity 2000kg
Max. lift height 5000mm

AGV ELECTRIC REACH TRUCK BODY



MF15/20/25/30

Stand-on Reach Truck
Rated Capacity 1500/2000/
2500/3000kg
Max. lift height 7500mm/8000mm



MFZ16/20/25/30

Seated Reach Truck
Rated Capacity 1600/2000/
2500/3000kg
Max. lift height 12000mm

AGV 3-WAY PALLET STACKER BODY



MC12/16

VNA 3-way Forklift
Rated Capacity 1200/1600kg
Max. lift height 10000mm



MCA16

VNA 3-way Forklift
Rated Capacity 1600kg
Max. lift height 12000mm

AGV MULTI-DIRECTIONAL FORKLIFT BODY



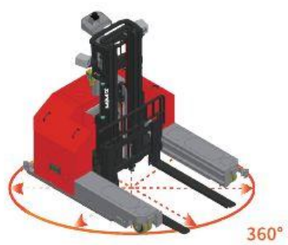
MQV15

Rated Capacity 1500kg
Max. lift height 4500mm



MQV20

Rated Capacity 2000kg
Max. lift height 5000mm



MQV30

Rated Capacity 3000kg
Max. lift height 8000mm



MQV20H

Rated Capacity 2000kg
Max. lift height 8000mm

AGV ELECTRIC TOW TRACTOR BODY



MG30

Rated Capacity 3000kg



MGA40/60

Rated Capacity 4000/6000kg