

V202310-EN

MiMA[®]
Min. Space Max. Performance

BANYITONG SCIENCE & TECHNOLOGY DEVELOPING CO.,LTD.

Since 1994

ELECTRIC FORKLIFT

FULL RANGE PRODUCTS 2023

MiMA[®]
Min. Space Max. Performance



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One Stand Solutions for Internal Material Handling and Storage

www.mimaforklift.com |

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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 loads storage

07

AGV Forklift Body Solution

We develop and manufacture forklift bodies based on your AGV system.



1994

Nearly 30 years of forklift history

600+

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 600 employees. We are 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 3,000+ units delivered. In 2023, 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



Regular Warehousing Forklift

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

55%

Reduce the aisle width



Narrow Aisle Warehousing Forklift

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

200%

Increase the pallet quantity

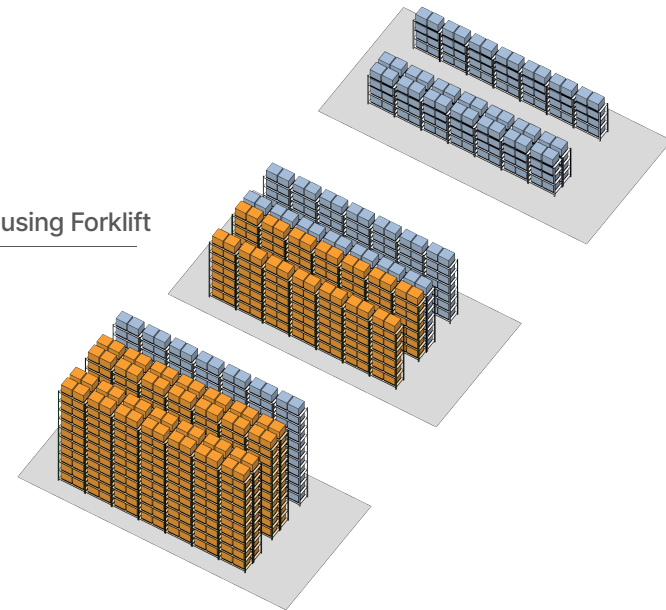
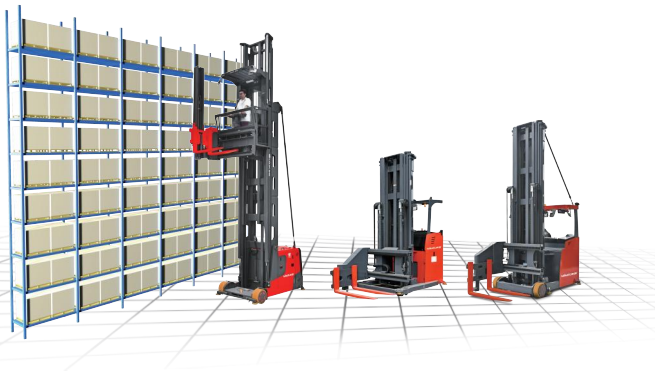


VNA Forklift

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

60%

Reduce the cost of each pallet



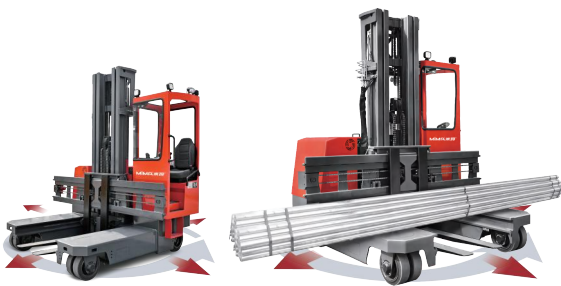
Long Material Handling Intensive Storage Solution

Special Forklift Solutions for Long Loads Storage



Warehouses often face challenges in storing large loads like lumber or pipes in confined areas, compromising 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.

Moreover, MiMA offers a forklift for 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

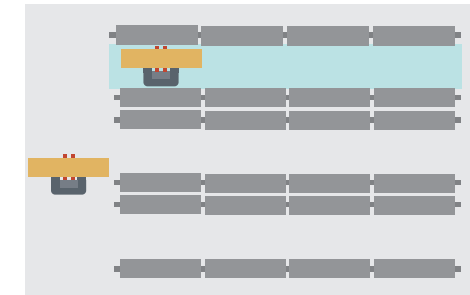
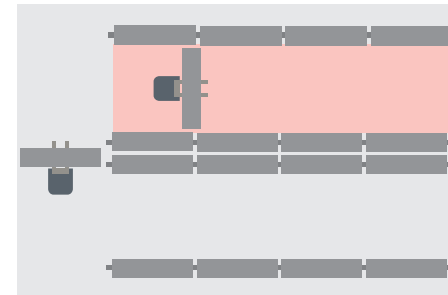
15m

Long materials can reach up to

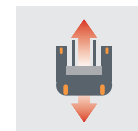
6m

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



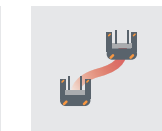
Diagonal driving mode



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 90% of design to testing in-house 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 engineer

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 Mutli-directional
Rated Capacity 2500kg
Max.lift height 8000mm



MQZ25
Seated Mutli-directional
Rated Capacity 2500kg
Max.lift height 10000mm



MQC25/35/45/50
Seated Mutli-directional
Rated Capacity 2500-5000kg
Max.lift height 8000mm



MQB30
Stand-on 4-directional
Rated Capacity 3000kg
Max lift height 8000mm



MQK30
Seated Mutli-directional
Counterbalance Forklift
Rated Capacity 3000kg
Max.lift height 8000mm



MQC30D
Seated 4-directional
Rated Capacity 3000kg
Max.lift height 8000mm

3-WAY PALLET STACKER



MC10/16
Stand-on VNA Forklift
Rated Capacity 1000/1600kg
Max.lift height 7500/10000mm



MCA16
Seated VNA Forklift
Rated Capacity 1600kg
Max.lift height 12000mm



MCC16
Man-up Turret Truck
Rated Capacity 1600kg
Max. lift height 14200mm

ARTICULATED FORKLIFT



MJ20
Articulated Forklift
Rated Capacity 2000kg
Max.lift height 12500mm

ELECTRIC ORDER PICKER



MHA10
Order Picker
Rated Capacity 1000kg
Max.lift height 6000mm



MHA13
Order Picker
Rated Capacity 1360kg
Max.ift height 9500mm

ELECTRIC FORKLIFT TRUCK



MK15/20
4-wheel Counterbalanced Forklift Truck
Rated Capacity 1500/2000kg
Max. lift height 6000mm



MK25/30
4-wheel Counterbalanced Forklift Truck
Rated Capacity 2500/3000kg
Max.lift height 6000mm

ELECTRIC REACH TRUCK



MF12
Stand-on Reach Truck
Rated Capacity 1200kg
Max.ift height 6000mm



MF15D
Stand-on Reach Truck
Rated Capacity 1500kg
Max.lift height 5000mm



MK35/40
4-wheel Counterbalanced Forklift Truck
Rated Capacity 3500/4000kg
Max.lift height 7000mm



MK45/50
4-wheel Counterbalanced Forklift Truck
Rated Capacity 4500/5000kg
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



MFZ16/20
Seated Reach Truck
Rated Capacity 1600/2000kg
Max.lift height 12000mm



TKA10/15
3-wheel Counterbalanced Forklift Truck
Rated Capacity 1000/1500kg
Max.lift height 4000/4500mm



TKC16/20
3-wheel Counterbalanced Forklift Truck
Rated Capacity 1600/2000kg
Max.lift height 6000mm

**ELECTRIC
PALLET
STACKER**



MBB09
Electric Pallet Stacker
Rated Capacity 900kg
Max.lift height 3000mm



MBB10/16/20
Electric Pallet Stacker
Rated Capacity 1000/1600/2000kg
Max.lift height 5500mm



MBD12/15
Electric Pallet Stacker
Rated Capacity 1200/1500kg
Max.lift height 3000mm



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

**ELECTRIC
PALLET
TRUCK**



ME15L/ME20L
Electric Pallet Truck
Rated Capacity 1500kg/2000kg
Battery 24V-20AH/30AH/40AH/60AH
48V-15AH/20AH/30AH



MEW20
Electric Pallet Truck
Rated Capacity 2000kg
Battery 24V100AH



ME20/25/30/40
Electric Pallet Truck
Rated Capacity 2000/3000/4000kg
Battery 24V210AH/24V210AH/
24V210AH/24V270AH



ME60/80
Electric Pallet Truck
Rated Capacity 6000/8000kg
Battery 24V270AH/48V200AH



MEB60
Electric Pallet Truck
Rated Capacity 6000kg
Battery 24V420AH



ME100
Electric Pallet Truck
Rated Capacity 10000kg
Battery 48V300AH

AGV FORKLIFT BODY



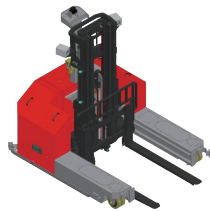
AGV MULTI-DIRECTIONAL FORKLIFT BODY



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 heght 8000mm



MQC45/50
Rated Capacity 4500/5000kg
Max. lift height 7000mm

AGV COUNTERBALANCE FORKLIFT BODY



TKC16/20
Rated Capacity 1600/2000kg
Max.lift height 6000mm



MKV25/30/35/40
Rated Capacity 2500/3000
3500/4000kg
Max.lift height 6000mm

AGV 3-WAY PALLET STACKER BODY



MC10/16
Rated Capacity 1000/1600kg
Max.lift height 7500/10000mm



MCA16
Rated Capacity 1600kg
Max.lift height 12000mm



MCC16
Rated Capacity 1600kg
Max.lift height 14200mm

AGV
PALLET
STACKER
BODY



MB14
Rated Capacity 1400kg
Max. lift height 3500mm



MB15/20
Rated Capacity 1500kg/2000kg
Max. lift height 5000mm

AGV
STACKER
BODY



MBV15/20/30
Rated Capacity 1500/2000/3000kg
Max. lift height 4500mm



MBV20PRO/25PRO
Rated Capacity 2000/2500kg
Max. lift height 4500mm

AGV
PALLET
TRUCK
BODY



MEV20
Rated Capacity 2000kg
Max. lift height 120mm



ME20/25/30/40
Rated Capacity 2000/2500
3000/4000kg
Max. lift height 120mm

ELECTRIC
TOW
TRACTOR



MG30
Rated Capacity 3000kg
Traction Capacity 750N



MGA40/60
Rated Capacity 4000/6000kg
Traction Capacity 800/1200N



MEB/50/60
Rated Capacity 5000/6000kg
Max. lift height 120mm



MEA100
Rated Capacity 10000kg
Max. lift height 100mm

CUSTOMIZED SOLUTIONS

CUSTOMIZED PALLET STACKER



CUSTOMIZED COUNTERBALANCE FORKLIFT

