

MIMA®
Min Space, Max Performance



Multi-directional forklift MQ25

Long material handling and storage solutions



INTERTRAC

Material Handling ☎ 900 818 978

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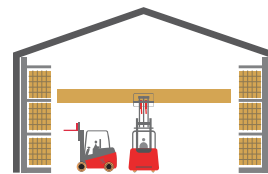
BANYITONG SCIENCE & TECHNOLOGY DEVELOPING CO., LTD.

Advantages

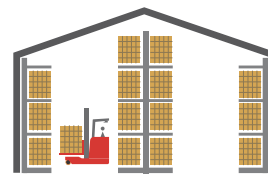


Specialized solutions for long material handling and warehousing

Starting from improving the efficiency and safety of long material handling and improving the storage utilization rate, MIMA has developed a professional multi-directional forklift to solve the industry pain points of difficult long material handling, difficult storage, and low warehouse utilization rate. The multi-directional forklift can drive in multiple directions. It can operate in a narrower shelf channel and improve storage capacity greatly. Using a multi-directional forklift to handle long materials makes the operation more flexible and the process more convenient. The operator has a good vision and is safer, which greatly improves the efficiency of long material handling and storage.



use other forklifts



use multi-directional forklift

Mode Introduction

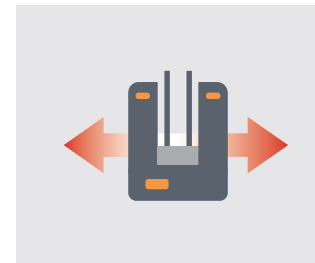


MQ25

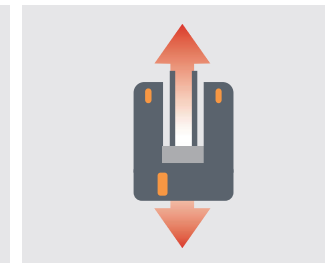
Stand on Multi-directional Forklift
with Narrow Body

Rated load	2.5T
Drive direction	All-direction
Max. lift height	8000mm
Drive style	stand on

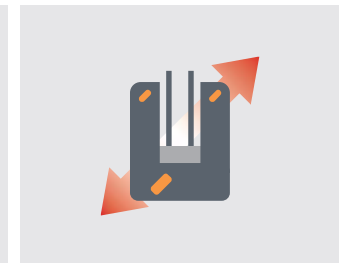
Flexible Driving Modes



Sideways



Forward and backward



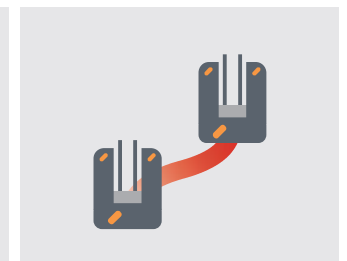
Diagonal



Neutral turn



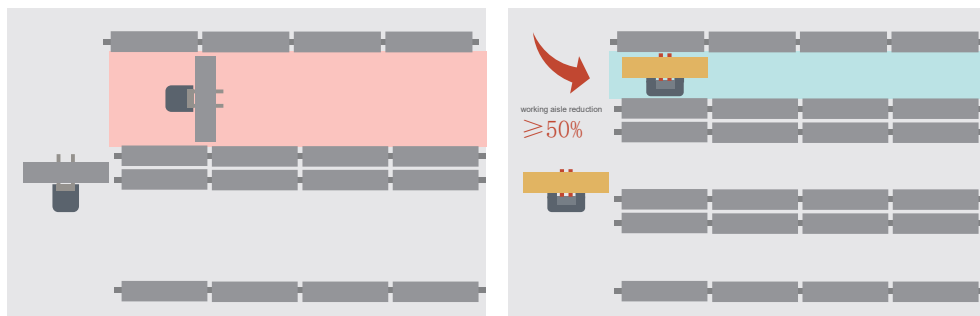
Min. right angle turns



Diagonal adjustment

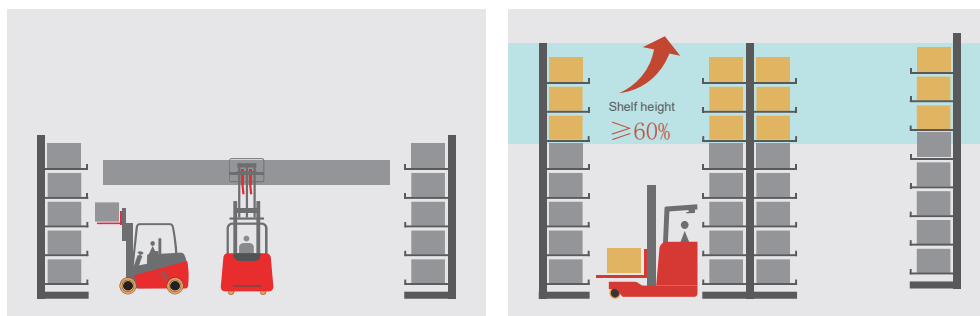
Narrow Aisles

Multiple driving modes for transporting long materials.
The required working aisle is narrower, the longer the materials, and the better the effect.



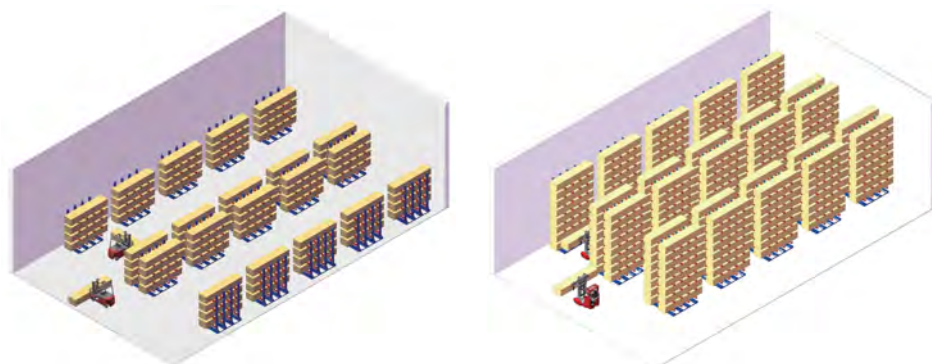
High Level Rack

The shelf height is increased by 60% compared with counterbalanced forklifts.



High Storage Capacity

The aisle can be reduced and the shelf height is increased, which increases the usable area of the warehouse and improves the storage capacity rate.



One is all

Electric forklift + Reach truck + Long materials handling

	Forklift types	Driving mode	Goods	Height
	Reach Truck MF20	can not do sideways	Regular goods	7.5m
	Multi-directional Forklift MQ25	Multi Driving Modes can do sideways	- Regular goods - Long materials	8m



Parameters

	 MQ25
Side-moving aisle width	2800mm
Overall width	1595mm
Lifting height	8000mm
Outside width of forks	244-772mm
Reach stroke	783mm
Tyres	PU
Drive system	single drive, three pivots
Fork positioner	customizable
Ultra wide fork carriage and four-fork	customizable

Forks



	Standard fork	Fork positioner	Four-fork	Ultra wide fork carrier
Outside width of forks	0.75m	0.4m~2.54m	2.5m	customizable
Materials length	3m	8m	8m	customizable

*When there is no positioning fork hole, the width of the fork should be 1/3-1/5 of the length of the material. The longer the goods, the wider the fork is required to prevent the material from falling unstably, causing material damage or vehicle loss. For details, please consult a professional sales engineer.

Comfortable ergonomic design



Stand drive



Operation table



Full AC motors



Side-pull battery

HD Laser camera^[1]HD display screen^[2]Tyre display^[3]

PU Tyre

[1][2] MQ25 SE [3] MQ25standard. 06

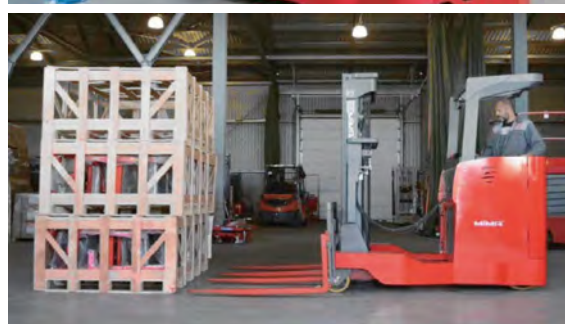
Applications



- with 13+ years of experience in R&D and producing the four/full directional forklift
- have supplied more than thousands of sets of four/full directional forklifts to customers all over the world

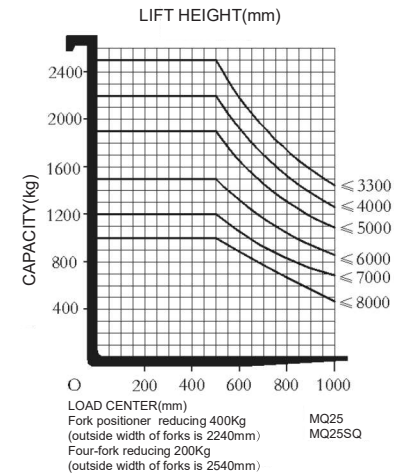


- completed after-sales service system no-worry service



Features			
1.1	Manufacture	MIMA	MIMA
1.2	Model	MQ2530	MQ2545SQ
1.3	Power type	Battery	Battery
1.4	Operation type	Stand-on	Stand-on
1.5	Rated Load capacity	Q(kg)	2500
1.6	Load center	C(mm)	500
1.7	Load distance	x(mm)	175
1.8	Wheelbase	y(mm)	1700
Weight			
2.1	Service weight(incl.battery)	kg	≈3700
2.2	Battery(±5%)	kg	665
Wheel			
3.1	Tyre type (front/rear)	PU	PU
3.2	Front tyre(Diameter x width)dual	mm	φ267×114
3.3	Rear drive tyre(Diameter x width)single	mm	φ380×165
3.4	Rear balance tyre(Diameter x width)dual		φ204×76
3.5	Front wheel tread	b3(mm)	1304
3.6	Rear wheel tread	b4(mm)	726
Dimension			
4.1	Mast tilting,F/R	α/β(°)	3/5
4.2	Lifting height	h1(mm)	3000
4.3	Free lifting height(with load backrest)	h2(mm)	80
4.4	Mast closed height	h3(mm)	2082
4.5	Full lifting height(with load backrest)	h4(mm)	3960
4.6	Overhead guard height	h5(mm)	2300
4.7	From pedal to overhead guard	h6(mm)	/
4.8	Driving pedal to ground	h8(mm)	350
4.9	Min.ground clearance	h7(mm)	80
4.10	Height of backrest	h9(mm)	970
4.11	Height of left and right leg	h10(mm)	405
4.12	Overall length(with fork)	l1(mm)	2250
4.13	Reach stroke	l2(mm)	783
4.14	Overall width	b1(mm)	1595
4.15	Fork	l/e/s(mm)	920×122×40
4.16	Rear truck width	b2(mm)	1190
4.17	Fork outside width	b5(mm)	244-772
4.18	Inner leg width	b6(mm)	892
4.19	Backrest width	b7(mm)	1088
4.20	Turning radius	Wa(mm)	1975
4.21	Aisle width when moving sideways (for 1000 x 1000 pallet)	As12(mm)	2800
Performance			
5.1	Driving speed, load/unload	km/h	7.8/9.0
5.2	Lifting speed, load/unload	mm/s	240/320
5.3	Lowering speed,load/unload	mm/s	340/290
5.4	Max.straight gradeability(S2-5min)	%(tanθ)	10
5.5	Max.side gradeability(S2-5min)	%(tanθ)	5
5.6	Steering type	Electric steering	Electric steering
5.7	Driving wheels display	LCD	LCD
5.8	Blake type	Electromagnetic	Electromagnetic
Drive			
6.1	Driving motor	AC	AC
6.2	Driving motor power(S2-60min)	kw	5.5
6.3	Lifting motor	AC	AC
6.4	Lifting motor power(S3-15%)	kw	8.6
6.5	Battery	V/Ah	48/400
Other			
7.1	Battery replacement type	Side pull	Side pull
7.2	Battery charger	48V 50A	48V 50A
Options			
8.1	Screen display	Follow-up camera	Follow-up camera
8.2	Controllable fork	Custom	Custom
8.3	Ultra wide fork and four-fork	Custom	Custom

Lifting Capacity Chart



Product 2D view

