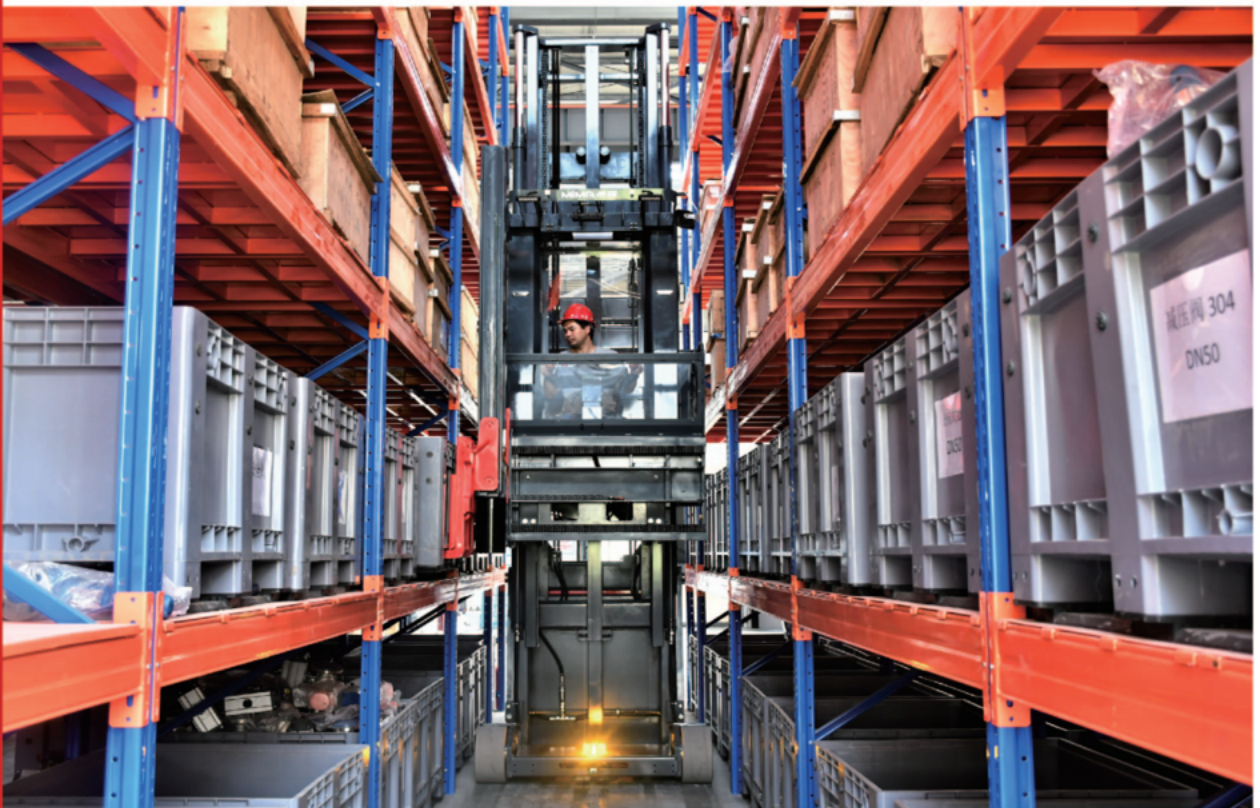


FLIFT

MCC16 Series

Man-mounted three-way stacker

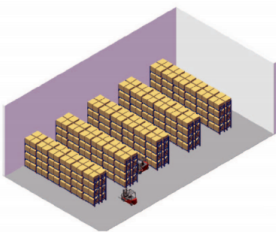


Ultra-narrow roadway intensive storage solution

Henan Jingcheng Xiandai Forklift Co., Ltd

[Https://www.hnxdcc.com](https://www.hnxdcc.com)

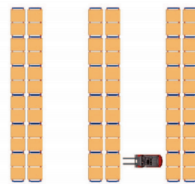
Extreme warehouse capacity



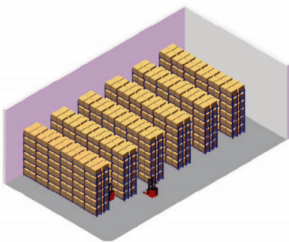
Counterbalance forklift



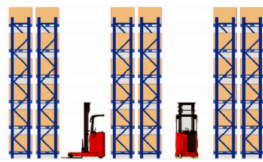
Shelf height: 5m



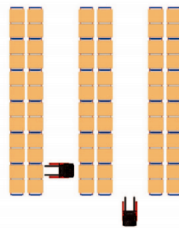
Narrow roadway width: 4m



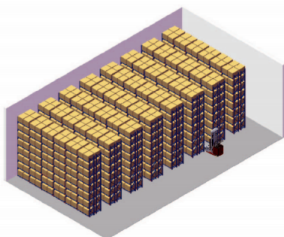
Reach stacker truck



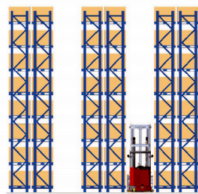
Shelf height 7.5m



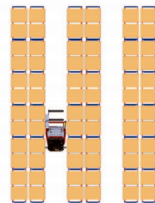
Narrow roadway width: 3m



Three-way reach stacker



Shelf height above 10m,
maximum to 14 meters



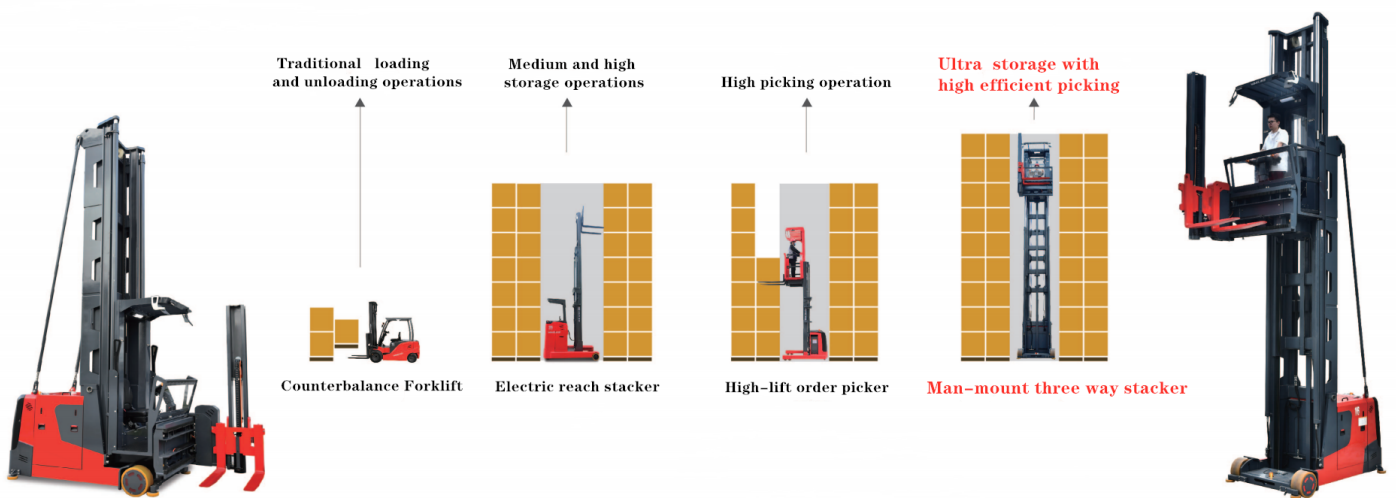
Narrow roadway width: 1.65m



Surcharge storage and ultra narrow roadway

FLIFT

Ultra high storage capacity



Traditional loading and unloading operations

Medium and high storage operations

High picking operation

Ultra storage with high efficient picking

Counterbalance Forklift

Electric reach stacker

High-lift order picker

Man-mount three way stacker

The fork can be freely rotated 180°, working in the ultra-narrow 1.65m channel can be forked to pick up the goods, the vehicle does not need to turn.

It has the functions of both a reach stacker and a high-lift order picker, especially the picking of scattered goods. At the same time, the man-mount operation mode provides excellent working vision and is safer.



The vehicle is equipped with a side shift rotation linkage function as standard, which can quickly adjust the fork direction with one key operation in the ultra-narrow roadway, which is convenient for forking and retrieving goods on both sides of the shelf.



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The driver can control and grasp all the status of the vehicle through the integrated control panel.

Support fork side shift movement, final draft lifting, main and secondary mast synchronous lifting and descending and other practical functions.

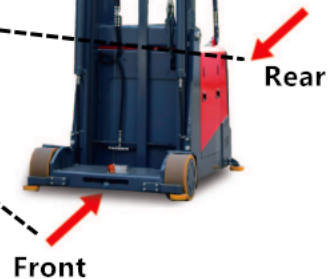


HD reversing image display

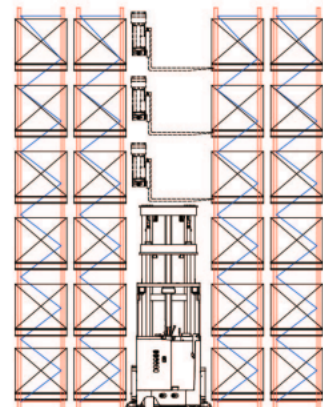
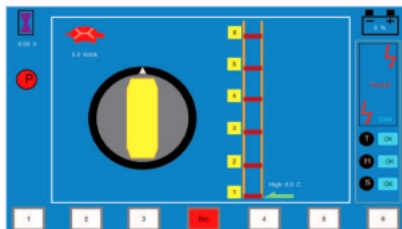


Laser safety avoidance

After detecting obstacles or people in front of and behind the set distance, automatically accelerate until stopping, ultra-high safety



Through the setting of the height sensor and the optimization of the hydraulic and electrical system of the whole vehicle,



The one-click operation fork reaches the specified height, completely liberating the manpower operation.

High Safety



All wheel electromagnetic braking,
very short braking distance

Powerful Special Mast Structure

The gantry channel steel adopts imported high-strength customized steel to ensure the super high load capacity. The fork of the high-level stacking operation is less shaky, The operation is more safer.



3-way pallet stacker(seated)

Vehicle grade 80V, low energy consumption,
can provide longer endurance.
Lifting and turning and driving motors all adopt AC mode.
Without the electric brush.



80V electrical system,
High voltage and low current.
The AC motor

Maintenance -Free



Two type of driving mode



Central integrated control assembly



Seating type



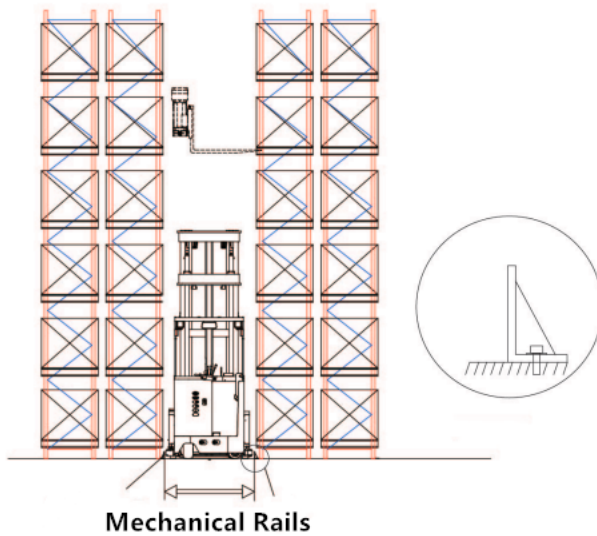
Standing type

Multiple Driving Modes in the Narrow Aisle

1: Mechanical Rail Mode

Beams are installed at the bottom of the shelf, guide rails are installed on the ground in the roadway, and vehicles drive along the track in the roadway,

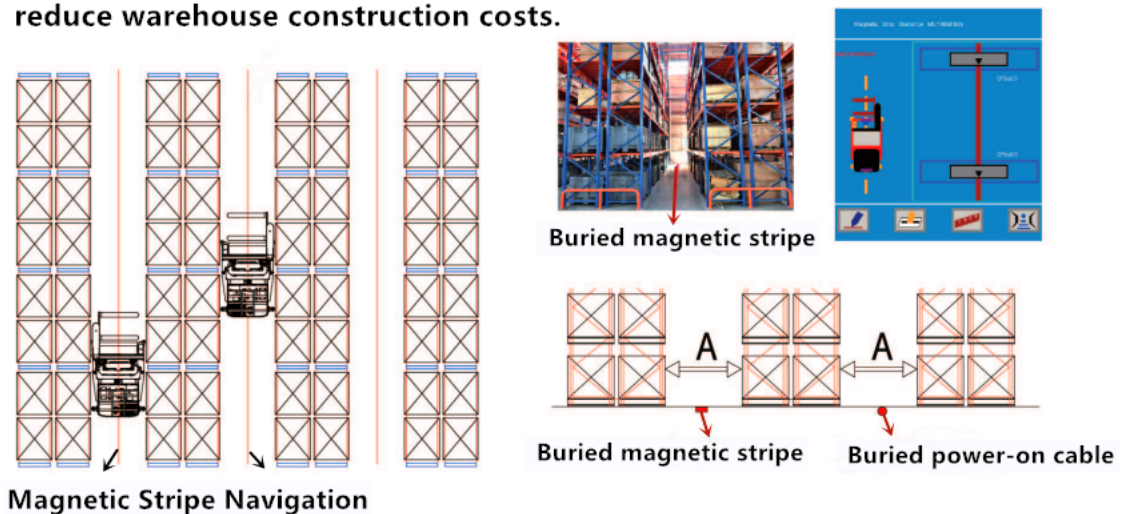
Driving efficiently and safely.



2: Magnetic Navigation Mode

The low-floor beams are saved, and the goods can be placed directly on the ground without the need to install ground rails.

Avoid ground construction and reduce warehouse construction costs.



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Man-Mount Pallet Stacker Specification

Driving Type		Man- Mount/Standed/Seated
Rated Capacity	kg	1600
Loading Center	mm	600
Carry Distance	mm	435
Service Weight	kg	7720
Wheel Type		PU
Wheelbase	mm	1950
Wheel Size (Load-bearing wheels)	mm	Ø380x192
Wheel Size (Driving wheels)	mm	Ø400x160
Tire Quantity (Front/ Driving)		2/1x
Tread	b11 (mm)	1310
The Lowered Mast Height	h1 (mm)	3665
Main Mast Lifting Height	h3 (mm)	4500
Secondly Mast Lifting Height	h9 (mm)	1700
Mast Extended Height	h4 (mm)	7130
Overhead Guard Height	h6 (mm)	2590
Height of the Station Board From the Ground	h7 (mm)	445
Total Lifting Height	h3+h9 (mm)	6200
Max. Picking Order Height	h12+1600 (mm)	6545
Overall Width	L2 (mm)	3475
Overall Width	b1/b2 (mm)	1244/1502
Fork Size	L xW xT	1200x125x50
Fork outer distance	b5(mm)	260-725
Lateral Movement Distance	mm	1300
The distance from the center of the fork rotation from the center of the front axle	l8(mm)	1095
Guide wheel outer distance	b6(mm)	1550
Mini. Ground clearance	m1(mm)	45
Mini. ground clearance in the center of the body's wheelbase	m2(mm)	80
Turning Radius	Wa(mm)	2235
Mini.aisle width Pallet size(1200mmx1200mm)	mm	1650
Driving Speed Full / Empty load	Km/h	10/10
Lifting Speed Full/ Empty load	mm/s	320/320
Descent Speed Full/ Empty load	mm/s	400/380
Max. Gradeability	% (tan θ)	5/8
Driving Braking Mode		Regenerative Brake
Parking Braking Mode		Electromagnetic
Driving Motor (A C)	KW	8
Lifting Motor (A C)	KW	21
Battery Capacity	V/ah	80/560
Battery Replacement Mode		Side Pull Type
Steering System		Electronic Steering

