Multiway Robotics

Environment Adaptive
With laser navigation and positioning, there's no need to renovate the on-site environment.

Non-stop pallet pose identification
Visual perception non-stop pallet pose identification can realize fast and accurate pick-and-place of goods.

Highly Intelligent
A whole range of functions such as mapping, path planning, auto-charging, and intelligent operations for various scenarios.

Intelligent Safety
Comprehensive fault self-detection 360° obstacle avoidance and sound & light warning.

Contact Us

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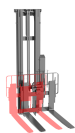
R Series
Reach Truck

Specifications

Model	R16S	R20S
Navigation	Laser/ Sky Navigation/ Mixed Navigation	
Communication	Wi-Fi/ 5G/ Optical Communication	
Driving Features	Forward, Reverse, and Turn	
Control Mode	Auto/Manual	
Rated Load (kg)	1600kg	2000kg
Load Center (mm)	600	
Turning Radius (mm)	1772	1900
Aisle Width (mm)	3150	3150
Maximum Lifting Height (mm)	6700	6300
Dimensions L×W×H (mm)	2591x1508x3070	2605x1508x2820
Fork Dimensions lxexs (mm)	1220x100x45	
Fork Outer Space (mm)	620	
Positioning precision/ Stop Angle (Center of bearing wheel) (mm/ °)	±10/±1°	
Obstacle Clearing Capability	≤10	
Climbing Capacity	≤3° (5%)	
Cross-Groove Capability (mm)	≤30	
Max Driving Speed (m/s)	2	
Battery Voltage/Capacity (V/Ah)	48V/450Ah	
Charging Mode	Auto/Manual	
Run time	8~10h	
Battery Life	Complete charge-discharge 2500 times ≥80%	
Battery Type	Lithium Iron Phosphate	

Where the first column has section groupings:

- Basic Parameter (Model through Fork Outer Space)
- Movement Specifications (Positioning precision through Max Driving Speed)
- Battery Specifications (Battery Voltage through Battery Type)

Note: In the real-time update of product parameters, the above parameters are for reference only and shall prevail.

Attachment
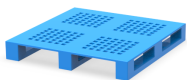
Pitch

Traverse

Automatic distance adjustment

Overweight alarm

Customize

Cold chain
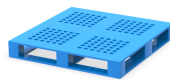
Carrier

2-way pallet

4-way pallet

Cage

Cart

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