

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.



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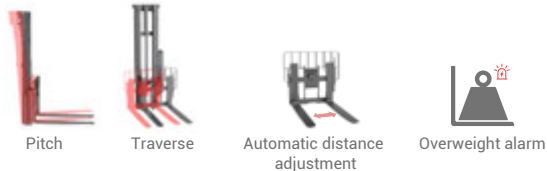
R Series Reach Truck

Specifications

	Model	R16S	R20S
Basic Parameter	Navigation	LiDAR Navigation / 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 l×x×s (mm)	1220x100x45	
	Fork Outer Space (mm)	620	
Movement Specifications	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 Specifications	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	

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

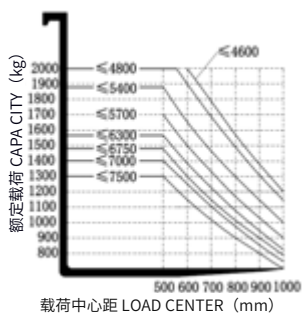
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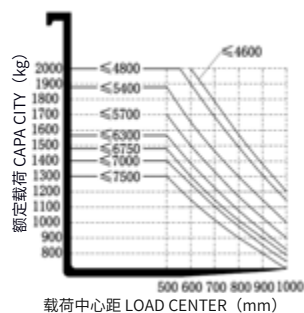
Carrier



R20S-负载曲线CAPACITY CHART (mm)
起升高度LIFT HEIGHT (mm)



R20S-负载曲线CAPACITY CHART (mm)
起升高度LIFT HEIGHT (mm)



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Cold chain

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