

Empowering the World with Billions of Robots

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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SL Series

Pallet Stacker



Specifications

	Model	SL14	SL16	SL20
Basic Parameter	Navigation	LiDAR Navigation(3D SLAM) / Mixed Navigation		
	Communication	Wi-Fi / 5G / Optical Communication		
	Driving Features	Forward, Reverse, and Turn		
	Control Mode	Auto/Manual		
	Rated Load (kg)	1400kg	1600kg	2000kg
	Load Center (mm)	600		
	Weight (Including battery) (kg)	930	1080	1250
	Turning Radius (mm)	1184	1273	1477
	Aisle Width (mm)	2300	2400	2500
	Maximum Lifting Height (mm)	3500	3500	4000
	Dimensions L×W×H (mm)	1751×998× (1940/2140/2340)	1792×958× (1940/2140/2340)	1851×958× (1940/2140/2340)
	Fork Dimensions l×exs (mm)	1150×170×60	1150×180×60	1150×185×60
	Fork Outer Space (mm)	540/620/680		
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)	1.38		
	Battery Voltage/Capacity (V/Ah)	24V/200Ah		
Battery Specifications	Charging Mode	Auto/Manual		
	Run time	6~8h		
	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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