

# 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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## Pallet Stacker MW-SL14



## Specifications

Model		SL14
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)	1400kg
	Load Center (mm)	600
	Weight (Including battery) (kg)	940
	Turning Radius (mm)	1184
	Aisle Width (mm)	2300
	Maximum Lifting Height (mm)	2500
	Dimensions L×W×H (mm)	1751×998× (1940/2140/2340)
	Fork Dimensions l×w×s (mm)	1150×170×60
	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)	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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