

# 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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# 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)                                     | 930                                                  |
|                         | 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×exs (mm)                                          | 1150×170×60                                          |
|                         | 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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