

Contact Us

Tel: +86 133 9286 4873    +86-755 2998 5090  
E-mail: sales@mw-robot.com  
Website: www.mw-r.com  
Address: 18th Floor, Jingting Building, Guangming Street, Guangming District, Shenzhen

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Multiway  
X1



An OOTB autonomous forklift

- ✔ One instruction for unlimited use
- ✔ User-defined commission
- ✔ Multi-device user task assigning
- ✔ Smart cloud-based O&M management system

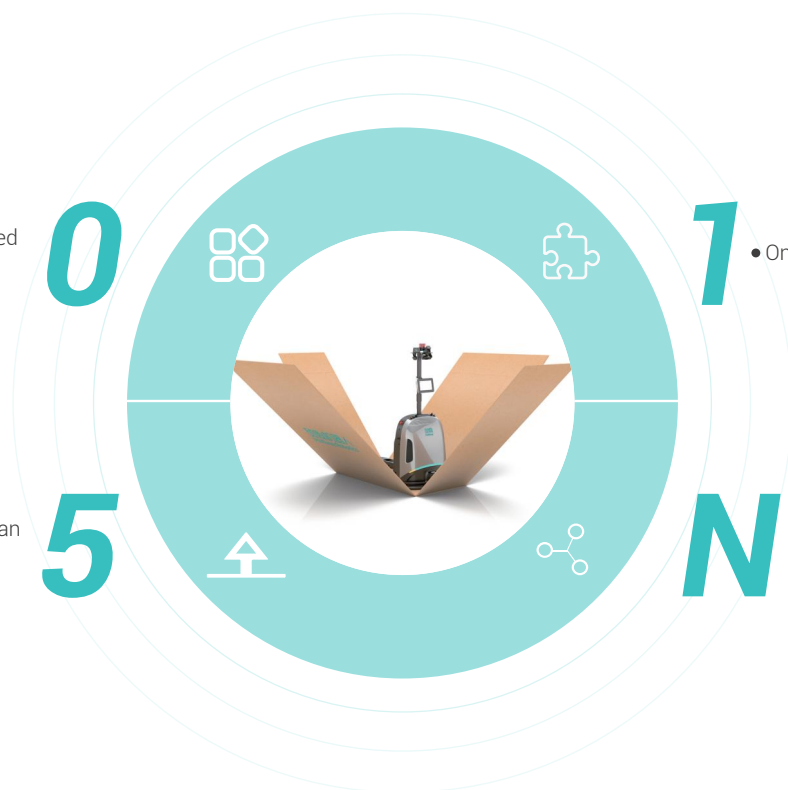




## Work out of the box

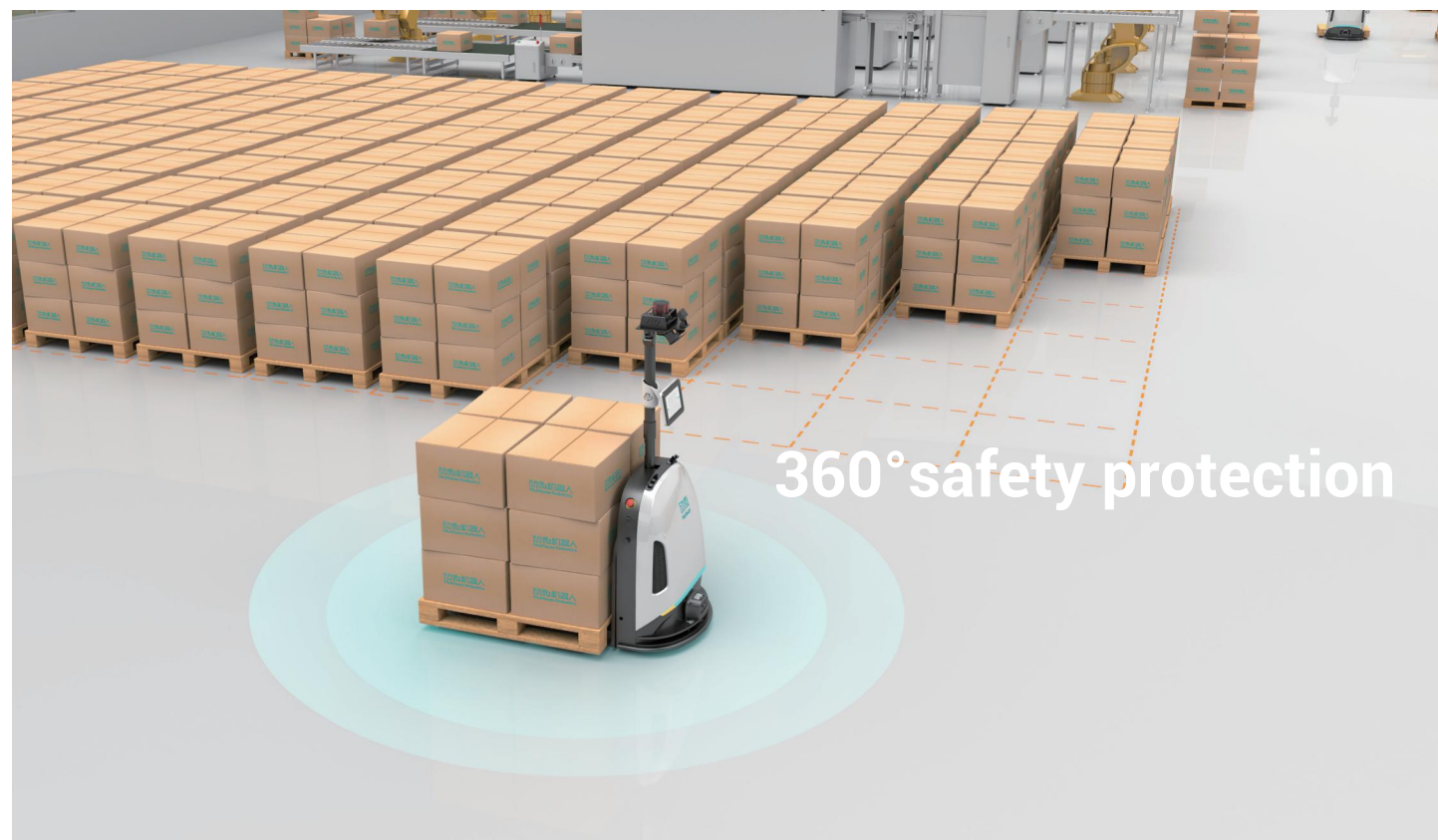
- SLAM navigation, in need of no retrofitting on the scene

- Enabled in 5min as an OOTB product



- One instruction for unlimited use

- Multi-scenario/-industry application



## User-defined commission, with no help from professionals

Users can complete commission via HMI/Pad, where no network is needed.



Enabled in 5min



Support Wi-Fi



Support 4G/5G





# Smart material handling everywhere



## Pallet position detection

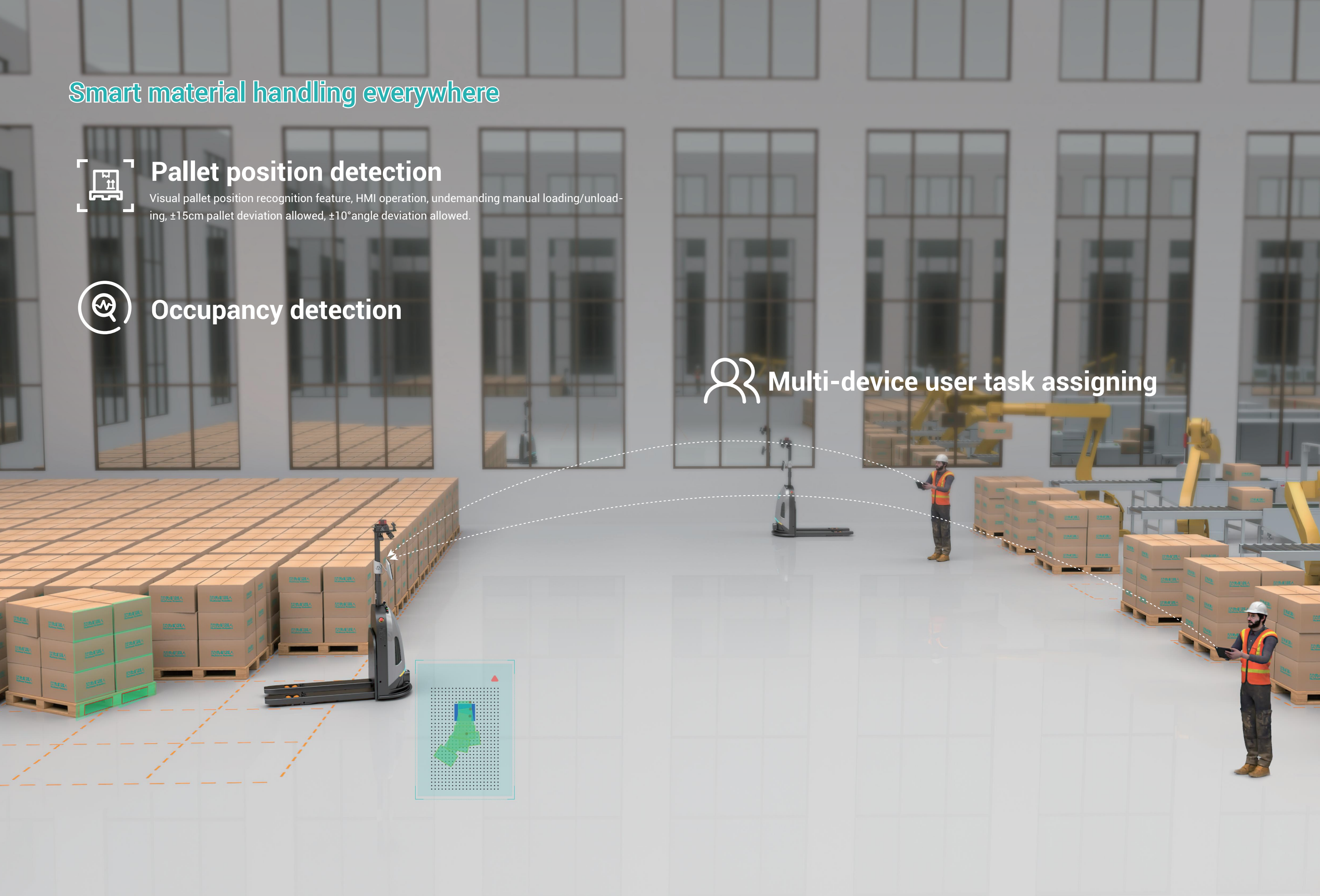
Visual pallet position recognition feature, HMI operation, undemanding manual loading/unloading,  $\pm 15\text{cm}$  pallet deviation allowed,  $\pm 10^\circ$  angle deviation allowed.



## Occupancy detection



## Multi-device user task assigning





## Multi-scenario use with flexibility

# Multiway



### Point-to-point transport

Ground transport from point A to point B in the minimalist circulation



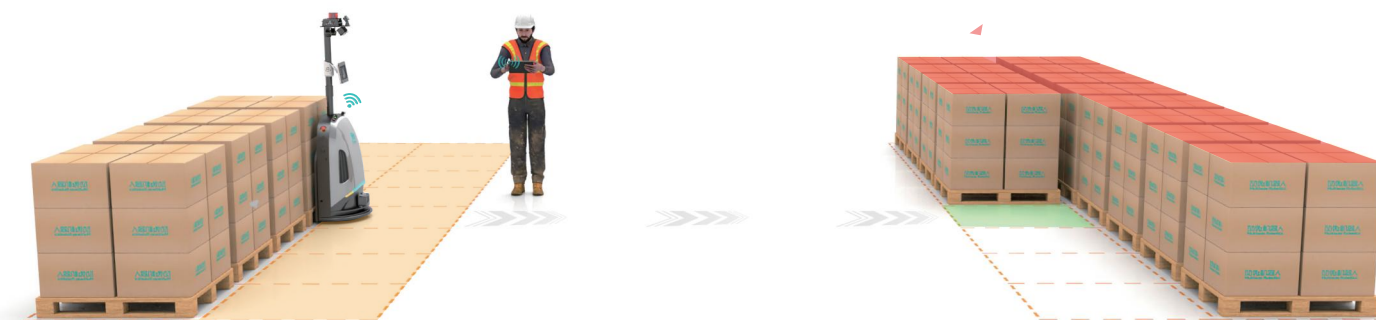
### Point-to-area transport

Assembly line operation between the designated stock and Ground stacking.



### Area-to-area transport

The one-key setting of trans-workshop batch transport at one time.



## Auto charging system

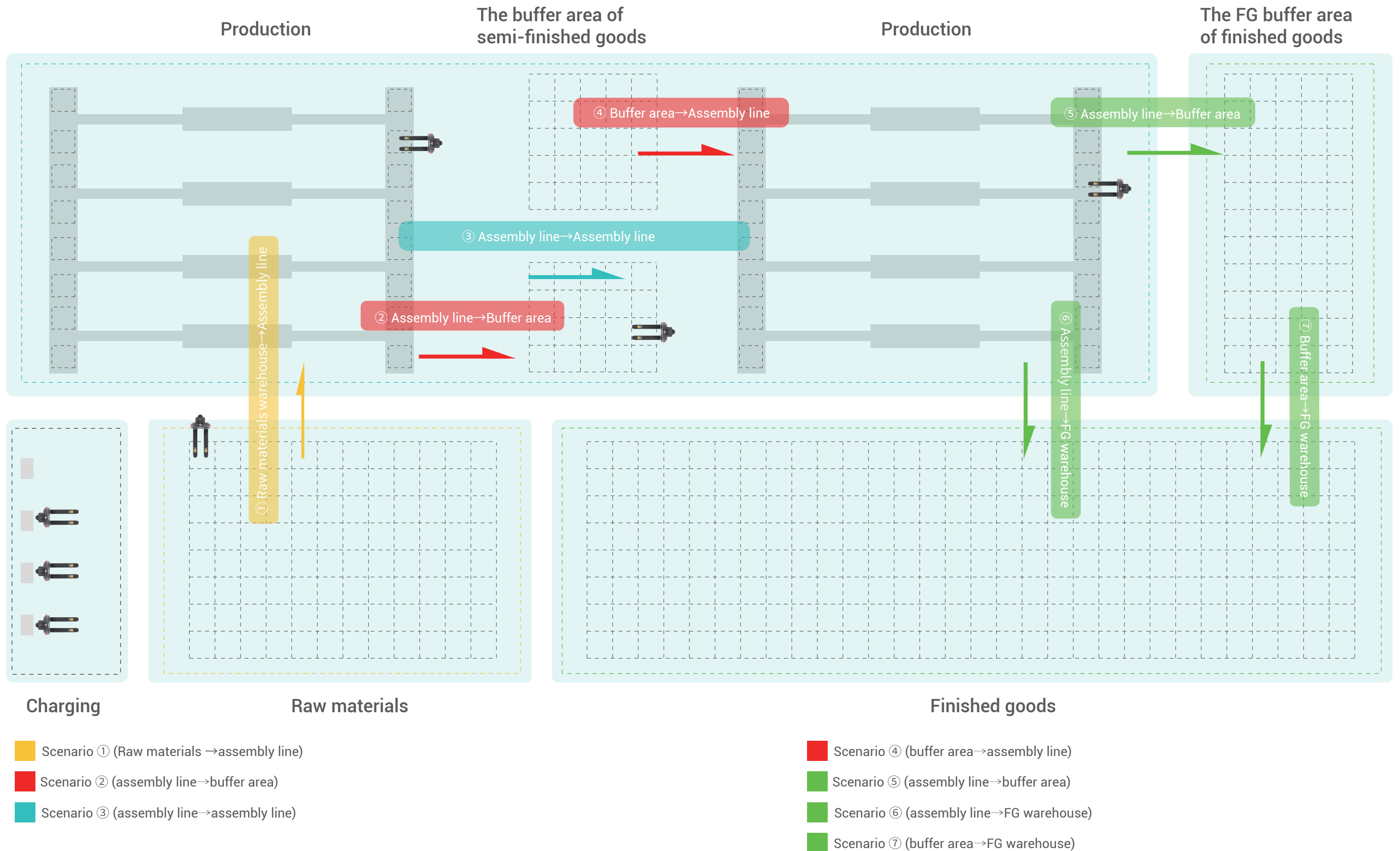
A wide selection of charging strategies on demand, such as time-based charging, minimum threshold charging, and end-of-task charging.







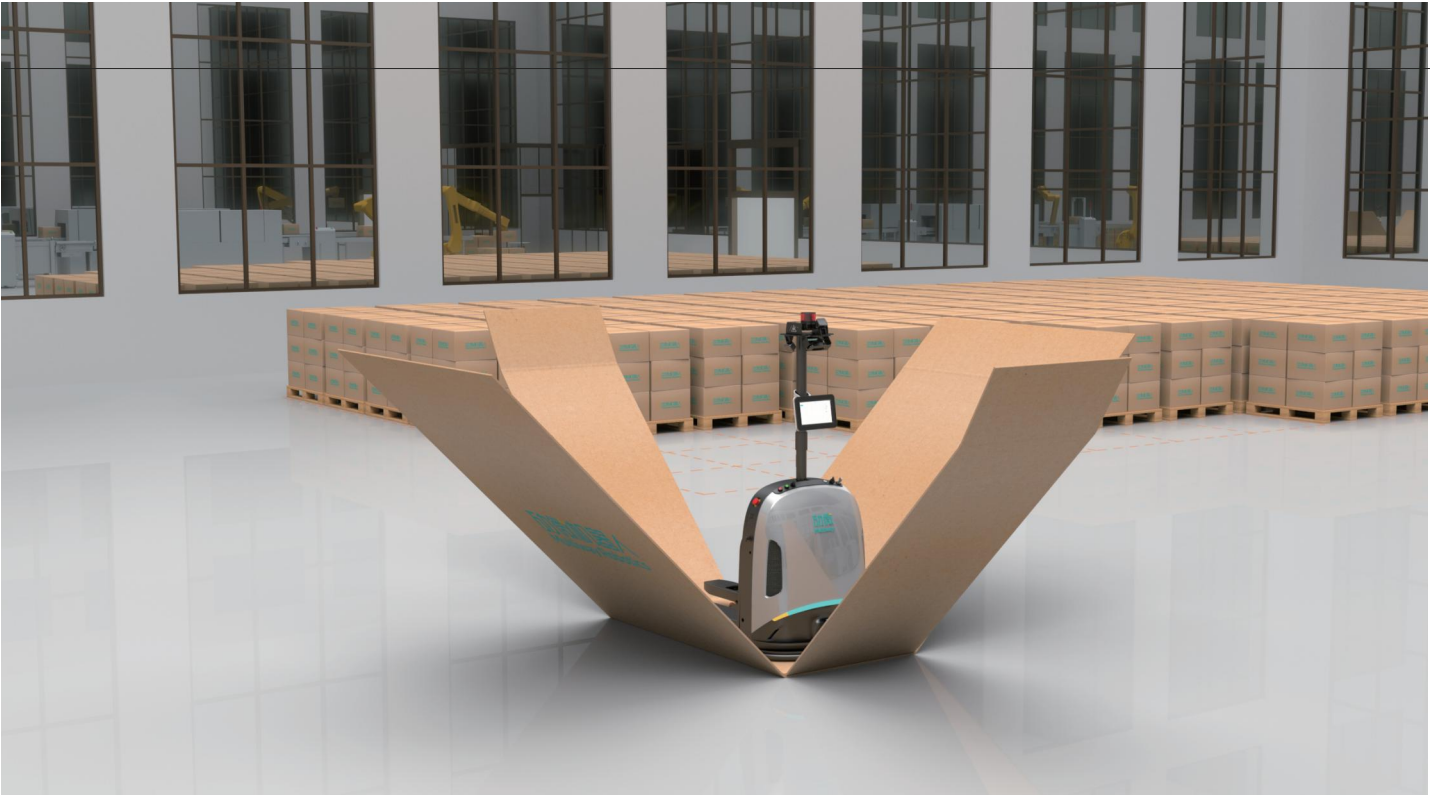
# Application in all procedures of smart factory





# Technical Specifications

● standard    ○ customization —		
Navigation	Laser SLAM	●
Communication	Wireless Wi-Fi	●
	4G/5G	○
Basic Specifications	Rated Load	2000 kg (4400 lbs)
	Load centre	600mm (23.6 in)
	Lifting Height	205±5 mm(8 in)
	Fork height, lowered	90±5 mm (3.5 in)
	Fork Dimensions l/e/s	1150x173x60 mm (45.3x7x2.4 in)
	Turning Radius	1330 mm (51.5 in)
	Aisle width	2400 mm (87 in)
	Weight	420 kg (838 lbs)
	Dimensions L×W×H	1610x850x(1950~2350) mm (63×33.5×76.4 in)
Movement Specifications	Driving Features	Forward, backward, arc
	Driving Speed	1.1~1.3 m/s (2.7 mph)
	Positioning Precision	±10 mm (0.4 in)
	Cross-Groove Capability	≤10 mm (≤0.4 in)
Safety Protection	Manual/Auto	●
	Path Deviation Protection, Positioning Fault Protection	●
	Component Fault Protection	●
	Obstacle Avoidance Radar	●
	Stereo Obstacle Avoidance	●
	Fork Head Anti-Collision Detection	●
	Anti-Collision Strip	●
	Emergency Stop Button	●
	Sound & Light (Warning)	●
	HMI	●
Battery Specifications	Charging Mode	Manual
	Rated Voltage(V)	48V
	Lithium Iron Phosphate(Ah)	40Ah
	Discharge Rate/Runtime(h)	6~8h
Visual Functions	Pallet Detection	●
	Pallet Position Identification	●
Certification	CE	○



## Low cost and high return indicate cost-effectiveness

