

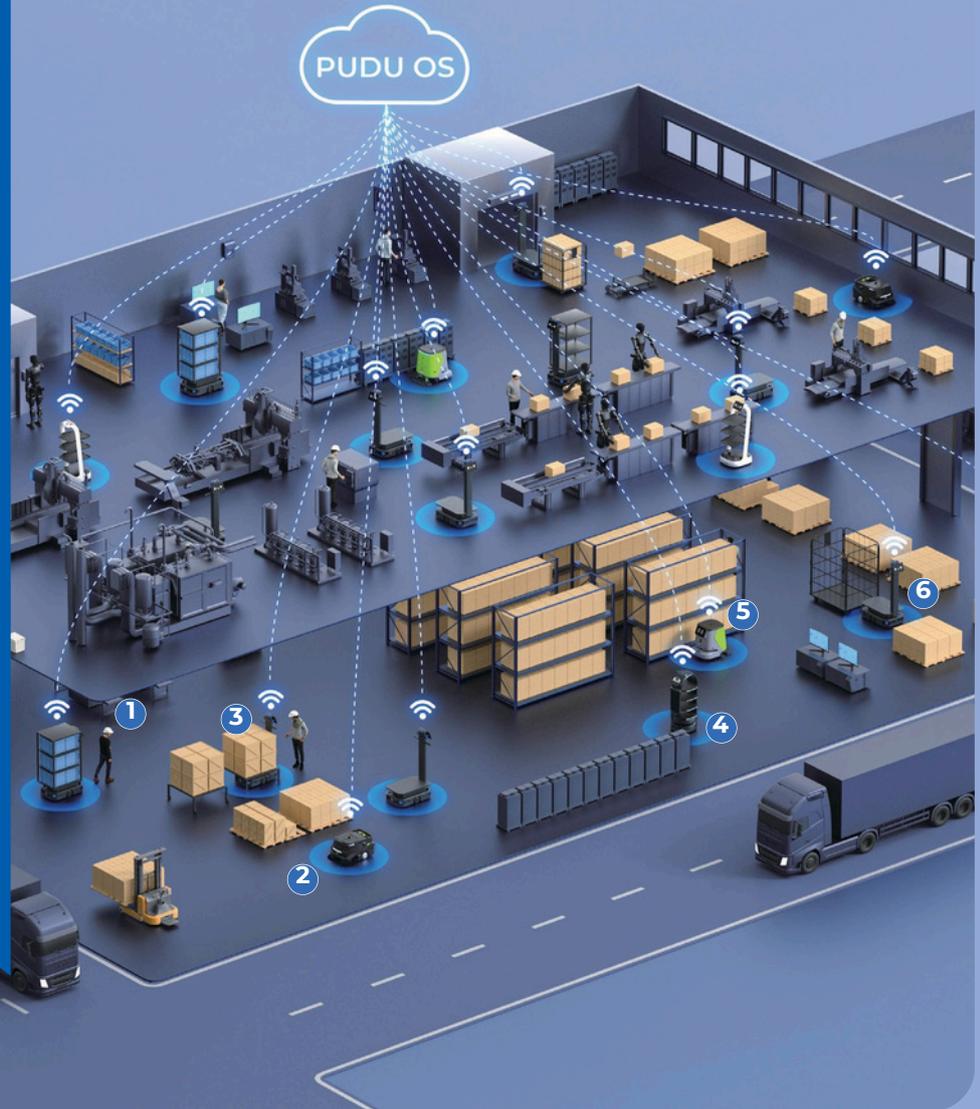
PUDU WAREHOUSING SOLUTIONS

Streamline Your Warehouses with PUDU Robotics

PUDU Robotics offers a comprehensive suite of intelligent cleaning and delivery robots designed to enhance warehouse efficiency and automation. Leveraging advanced AI navigation and sensor technologies, our robots map environments, avoid obstacles, and determine optimal routes, ensuring a clean facility and seamless logistics operations.

Usage:

- Goods transport
- Order picking assistant
- Daily Cleaning



1

Autonomous Order Picking

Robots follow operators through dense shelving for efficient order fulfillment.

2

AI-Powered Spot Cleaning

Smart AI spots debris and cleans it instantly for consistent cleanliness.

3

Heavy Load Transport

Capable of autonomously lifting and transporting goods weighing up to 600kg (1,322 lbs).

4

Multi-Tray Small Item Delivery

Delivers diverse small items using multiple trays.

5

Continuous Floor Maintenance

Fully autonomous cleaning and auto-charging, operating 24/7 with sweeping, vacuuming, dust mopping, and scrubbing.

6

Diversified Application Series

The PUDU T300/T600 series offers Standard, Underride, Lifting, Tray, Conveyor and Towing models for versatile goods transport.

Challenges:

About Deliveries:

- Labor shortages and rising costs
- Inefficient material synchronization
- Narrow aisles with mixed human-robot traffic
- Frequent production line layout changes

About Cleaning:

- High cleanliness standards (e.g., dust-free workshop/cleanrooms)
- Huge cleaning areas
- Lack of digital cleaning tools
- Carbon-neutral compliance

Why Choose PUDU Robotics?



Seamless Integration & Rapid Deployment

No facility modifications required.
Quick route and point adjustments for dynamic layouts.
Compatible with VDA5050 for coordination with other robots.



Autonomous Goods Transport

Auto-lift/tow capabilities for up to 600kg(1322 lbs) loads.
Precise docking with machines and roller conveyors.
Supports auto-transport and follow-me modes.



Sweep First, Scrub Later

MT1 sweeps up debris and dust, then CCI follows with a deep scrub.
24/7 autonomous cleaning with auto-charging and water refill.
Real-time task reporting.



Advanced IoT Integration

Seamless elevator and door traversal for cross-floor operations.
Compatible with call buttons and other IoT devices.



Safety & Reliability

Complies with ISO 3691-4 standards.
Ultra-narrow clearance of 650-750mm.
360° obstacle avoidance.



Open Platform for Customization

The PUDU Open Platform enables seamless integration and remote management of robots. Developers can access PuduOS services to create customized solutions for specific needs.

2-5x

Efficiency Boost

99.95%

G2P: Picking Accuracy Rate

70%

Flexible Deployment & Setup Improvement

17000

USD Annual Cleaning Cost Reduction

Cleaning Robots:

4,032,000

Hours Saved for Smarter Workflows

6,048,000

Liters of Detergent Saved

Delivery Robots:

700 million+

Task Completions

17.8 million+

Total Operating Hours

DATA AS OF DECEMBER 30, 2024



🔍 Pudu Robotics



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