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AUTOXING

Industrial Smart Delivery Robot Solutions

Setting up in minutes

Auto delivery

Auto charging

Elevator compatible

Flexible line matching

AUTOXING

Contents

Gathering leading figures in the autopilot industry

With rich industry experience

AUTOXING utilizes intelligent robots to empower industries

Helping clients enhance smart productivity and management efficiency

About AUTOXING

Industry Experience	R&D Team	Manufacturing	Suppliers
20 years	85 %	180,000 ㎡	50+

AUTOXING is a high-tech enterprise dedicated to the development and popularization of fully automatic unmanned commercial robots. With years of accumulation in areas such as autonomous driving, AI, positioning navigation, and big data, AUTOXING has become a pioneer and leader in indoor autonomous driving technology scenes. Its main business focuses on the intelligent and commercialized operation of robots. The company's R&D team consists of technical personnel from various prestigious institutions such as Stanford University, Tsinghua University, and Beijing University of Aeronautics and Astronautics, with 20 years of relevant industry experience.

Full-stack Independent R&D

- Robot Perception, Decision, and Control Algorithms
- Robot Chassis, Cabin Hardware
- Big Data Cloud Platform
- APP, Mini Programs

Stable and Reliable Supply Chain and Manufacturing

- 50+ Suppliers
- 180,000 ㎡ Manufacturing Plant

Multiple R&D Centers

R&D Centers

Beijing, Shenzhen, Guangzhou

R&D Proportion

R&D Center

R&D Team 85%

Patents

Inventions, Patents, Copyrights

100+ patent applications, most are invention patents

Financing

Well-known Investment Institutions

Rounds of institutional investment obtained in a short time

Company Core Business

Company Core Products

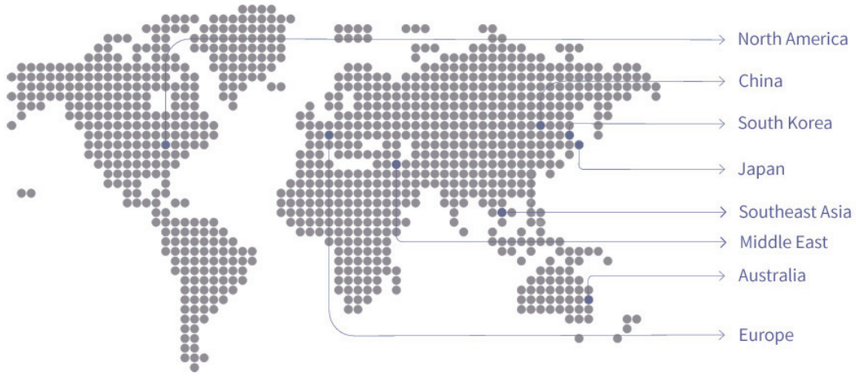
Industrial Robots

Open Robot Chassis

Commercial Service Robots

Leading the Industrial Field with Global Applications

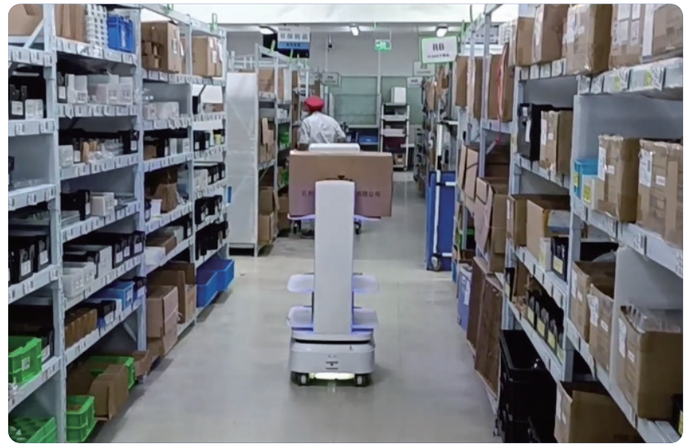
AUTOXING robots, with industry-leading remote automation rapid deployment and revolutionary multi-sensor fusion perception technology, operate stably in complex industrial environments, continuously helping companies reduce costs and increase efficiency. Currently exported to more than 50 countries worldwide, our solutions have helped over 1500 customers improve production efficiency.



Exported worldwide
50+ Countries

Customers who have improved production efficiency through our solutions
1500+

Midea美的 · BYD · Panasonic · BEUMERGROUP
DELPHI · faurecia · TOYOTA · 上海电气 SHANGHAI ELECTRIC
SAMSUNG · NXP · KOSTAL · LUXSHARE ICT 立讯精密








Benefits of Industrial Smart Delivery Robots

Intelligent handling enables seamless connectivity and rapid response at every stage of production planning, playing an irreplaceable role in intelligent manufacturing.

Production Line based Smart Matching

- JIT matching line
- Lean production
- Production order and distribution informatization

High Efficiency

- 24*7 operation
- Fast delivery speed
- Replacement of repetitive manual work
- Full record of material and delivery tasks

Digitalized Management and Control

- Flexible task setting
- Timely delivery
- Fixed route loop delivery
- Traceable operation logs
- Quantified results, optimized management

Flexible Material Delivery Structure

- Rapid switching of large quantities of materials during production changeovers
- Flexible scheduling and allocation

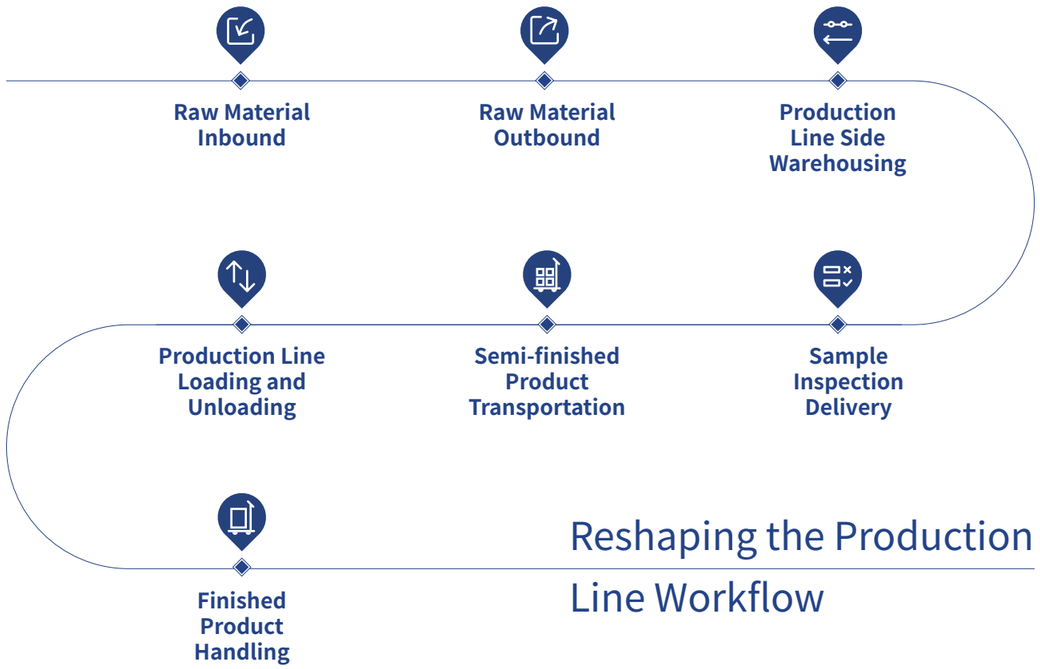
Time and Manpower Savings

- Cost savings
- Release from labor-intensive work
- Hazardous work
- Routine inspection tasks

Enhanced Brand and Competitiveness

- Smart production system
- Enhanced production competitiveness

Usage Scenarios of Industrial Delivery Robots



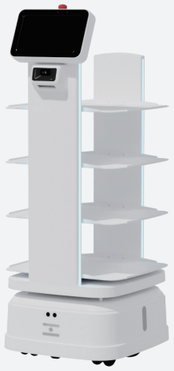
Reshaping the Production Line Workflow

D Series Delivery Robots

D-80 for light item handling, agile movement, intelligent operation in narrow spaces such as production lines, reducing ineffective personnel movement and improving efficiency.

D-150 and D-300 with a load capacity of up to 300kg, supporting flexible customization and replacement of carriers.

D-300E with a large cargo area, a load capacity of up to 300kg, combining carrying capacity with flexibility.



D-80

D-150

D-300

D-300E

Specs and Accessories

D-80

D-150

D-300

D-300E

	D-80	D-150	D-300	D-300E
Dimensions (mm) L× W× H	570×500×1240	740×500×1240	740×500×1240	900×600×1240
Maximum Load Capacity (kg)	80	150	300	300
Empty Vehicle Weight (kg)	65	90	85	95
Loading Area (mm)	500*424	580*500	620*500	770*600
Screen Size	10.1 inches	10.1 inches	10.1 inches	10.1 inches
Minimum Passage Width	60cm	70cm	70cm	80cm
Maximum Speed	1.2m/s			
Navigation Method	Free Navigation / Track Navigation / Hybrid Navigation / Follow			
Positioning Accuracy	10mm			
Network	4G/wifi			
Battery	12h endurance, 5h charging			
Certification	CE / FCC / KC / NCC / EMC			
Expandable Peripherals	Elevator, automatic door, notification lights and speakers, call buttons, follow bracelets, rollers, cabinets, shelves			

L Series L-type Lifting Robots

Intelligent Lifting: L series robots have lifting functions, can autonomously identify shelves, and perform lifting operations, achieving unmanned material handling.

Production System Integration: Supports quick integration with MES, ERP, WMS systems, and supports production system task assignment to robots.

RCS Scheduling: Supports multi-robot scheduling.

L-150

L-300

L-300E

L-600

Specs and Accessories

L-150

L-300

L-300E

L-600

Dimensions (mm) L× W× H	740×500×1240	740×500×1240	900×600×1240	950×650×1240
Maximum Load Capacity (kg)	150	300	300	600
Empty Vehicle Weight (kg)	76	85	90	100
Loading Area (mm)	700*600	700*600	940*810	940*810
Screen Size	10.1 inches	10.1 inches	10.1 inches	10.1 inches
Minimum Passage Width	70cm	70cm	80cm	80cm
Maximum Speed	1.2m/s			
Navigation Method	Free Navigation / Track Navigation / Hybrid Navigation / Follow			
Positioning Accuracy	10mm			
Network	4G/wifi			
Battery	12h endurance, 5h charging			
Certification	CE / FCC / KC / NCC / EMC			
Expandable Peripherals	Elevator, automatic door, notification lights and speakers, call buttons, follow bracelets, rollers, cabinets, shelves			

S Series Sub-type Lifting Robots

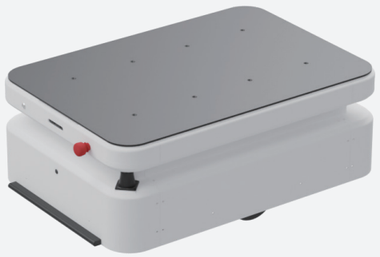
Intelligent Lifting: S series robots have lifting functions, can autonomously identify shelves, and perform lifting operations, achieving unmanned material handling.

Production System Integration: Supports quick integration with MES, ERP, WMS systems, and supports production system task assignment to robots.

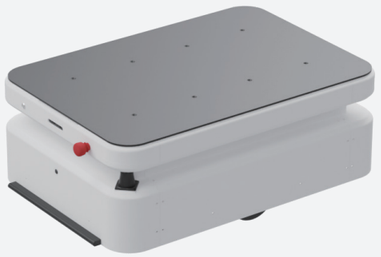
RCS Scheduling: Supports multi-robot scheduling.

S-150

S-300



S-300E



S-600

Specs and Accessories




	S-150	S-300	S-300E	S-600
Dimensions (mm) L × W × H	740×500×310	740×500×310	900×600×310	950×650×365
Maximum Load Capacity (kg)	150	300	300	600
Empty Vehicle Weight (kg)	70	80	95	90
Loading Area (mm)	700*600	700*600	940*810	940*810
Minimum Passage Width	70cm	70cm	80cm	80cm
Maximum Speed	1.2m/s			
Navigation Method	Free Navigation / Track Navigation / Hybrid Navigation / Follow			
Positioning Accuracy	10mm			
Network	4G/wifi			
Battery	12h endurance, 5h charging			
Certification	CE / FCC / KC / NCC / EMC			
Expandable Peripherals	Elevator, automatic door, notification lights and speakers, call buttons, follow bracelets, rollers, cabinets, shelves			

Flexible Customization and Expansion

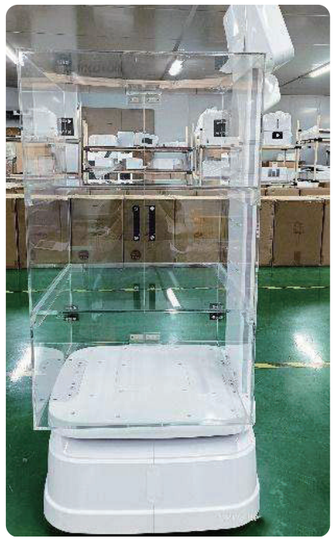
Carriers can be freely customized

- Flexible customization according to scenarios
- Supports robot profile changes

Carriers can be communication controlled

- Supports chassis adjustment
- Supports upper computer control







Flexible Customization and Expansion

Lifting robot supports self-made shelves

- Flexible adaptation to shelves
- Integration with logistics, production systems

Flexible adaptation to shelves

- Heavy load
- Support standard shelves



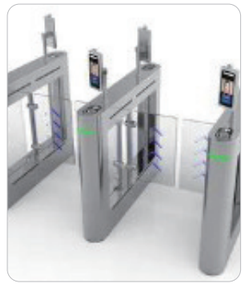

Fully Self-developed and Expandable Peripherals

The entire product line has strong scalability, and different modules can be installed to meet the actual needs of different business scenarios based on customer on-site business processes.

IoT Devices

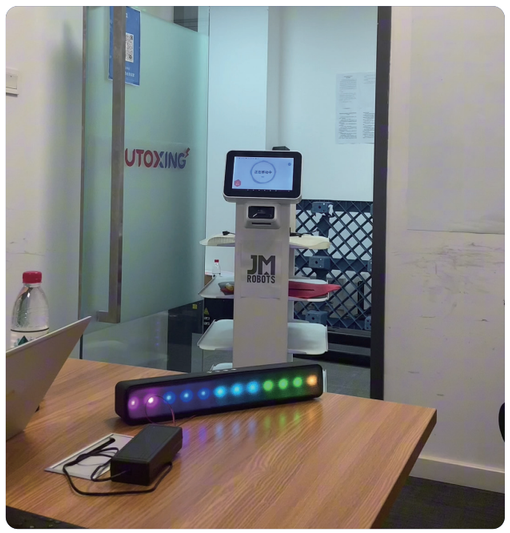
Autonomous elevator riding/ automatic door/ rolling door/ gate






Automatic Notification Devices

Notifications through lights, speakers, telephones, etc.



Call Devices

Can be called via call buttons, PADs, phones, etc.

Follow Devices

Robots can recognize and follow people

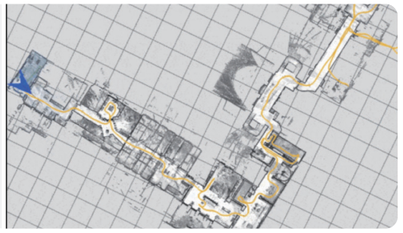

Other Industrial Peripherals

Barcode scanners, RFID, printing, USB devices


Advantages of AUTOXING Industrial Robots

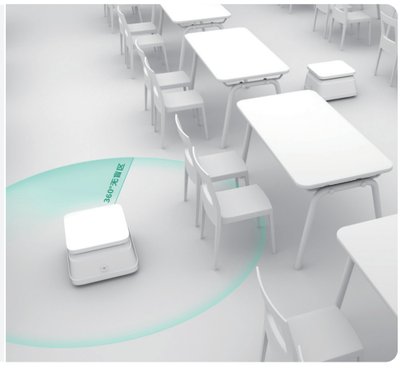
Rapid Deployment in Minutes, Simple and Convenient

- Fully Remote Deployment
- Zero On-site Presence Required
- No Limitation on Site Size



Stable Positioning, Navigation, and Obstacle Avoidance in Complex Factory Environments

- Multi-sensor Fusion Technology Based on AI Deep Learning Algorithms
- Global + Local Multi-level Navigation Routing
- Sensible Obstacle Avoidance in Three-dimensional Space
- Unaffected by Environmental Changes



Open at the Source Code Level, Quick Integration with Factory Systems

- Open API/SDK at the Chassis Level
- Compatible with WMS, MES, RCS Systems
- Modular Openness at the Algorithm Level for Software and Hardware

Flexible Customization for Factory Material Handling

- Flexible Adjustment of Workflow Settings
- Routes and Material Handling Processes Easily Adjustable
- Intelligent Autonomous Charging Strategy

Multi-robot Intelligent Scheduling

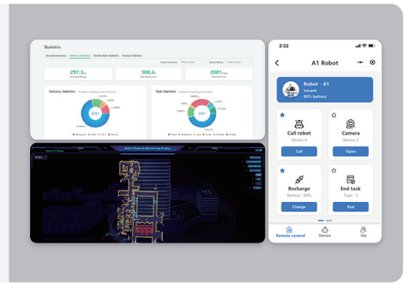
- Local + Cloud-based Scheduling

Compatible with Indoor and Outdoor Environments

- Walking in Indoor and Outdoor Environments
- Seamless Navigation in Complex Indoor and Outdoor Conditions

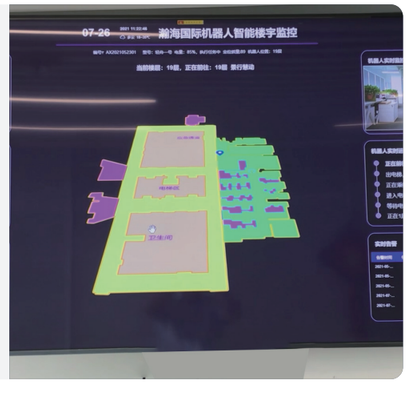
Multi-terminal + Cloud Integration Solution

- Robots can be Operated via Robot Terminals, Mobile Phones, PADs, PCs, etc.



Robot Big Data Cloud Computing Platform (Support Private Cloud, Offline Operation)

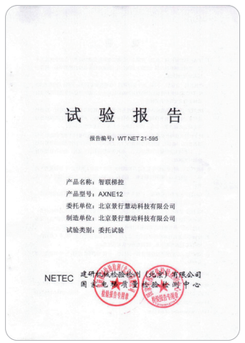
- Flexible Over-the-Air (OTA) Upgrades for the Entire Robot
- Real-time Remote Monitoring via Cloud
- Cloud-based Data Recording and Analysis Tasks, Traceable Processes
- Visualized Operation Data Displayed on Large Screens



AUTOXING Domestic and International Certifications

Robot Quality Certification

Battery UN38.3 Report

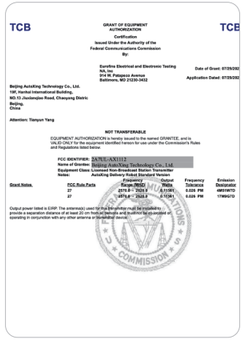


Elevator Module Certification

ECM Certification

ISO9001 Certification

CE Certification



FCC Certification

KC Certification

Service and After-sales Support

Deployment and Usage: Quickly Get Started in 10 Min

Comprehensive Agent Training and Certification Mechanism

After-sales Maintenance: Fully Automated Response

Seamless Expansion: Minute-level Seamless Scalability

Service Capabilities

Remote Services

Provide Online Technical Support and Remote Technical Support Services

On-site Services

Engineers Can Provide Installation Guidance, Usage Guidance, Operation Debugging, Maintenance, Fault Clearing, Technical Upgrades, etc. on-site

Factory Repair

Faulty Robots are Sent to Designated Repair Centers for "Door-to-door" Repairs

Service Content

After-sales Service

Installation, Debugging, Acceptance, Maintenance, Maintenance, Inspection, Spare Parts Sales…

Business Support

Customization, Map Updates, Training, Teaching, Operational Support, Sensitive Period Guarding…

Technical Support

Secondary Development, Software Upgrades, Debugging, Fault Analysis, Fault Repair…