

## Smart AGV Robot with 360-degree Spin In Place, Customizable Load Capacity, and Servo Steering for Factory Automation

Our Product Introduction

### Basic Information

- Brand Name: TIANYUE
- Certification: 3c.ce
- Minimum Order Quantity: 1 Sets
- Price: Negotiable
- Packaging Details: Regular Packaging
- Delivery Time: 30-40 Working Days
- Payment Terms: L/C,T/T,
- Supply Ability: 100 Pieces/month

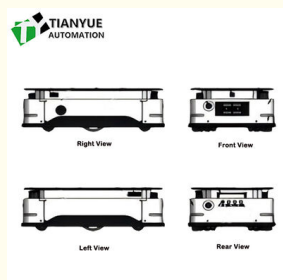


### Product Specification

- Navigation method: Laser Guidance / Magnetic Tape / Vision Guidance
- Steering Type: Servo Steering
- Tyre Material: Polyurethane
- Overall Dimensions: 950mm×580mm×300mm
- Operation Type: Hand Pendant+remote +computer Control
- Load Capacity: 1 - 1000KG/Customized
- Drive Type: Two-wheel Differential
- Operation Type: Under-ride Lifting
- Movement Modes: Forward, Backward, Turning (self-rotation)
- Highlight: **360-degree Spin In Place AGV Automated Guided Vehicle**  
**, Customizable Load Capacity Smart AGV Robot**  
**, Servo Steering Automated Guided Vehicle System**



### More Images



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## Product Description

### Magnetic Tape Automated Guided Vehicle System



The AGV Automated Guided Vehicle represents cutting-edge factory automation technology, engineered to revolutionize material handling processes. This Smart AGV Robot delivers exceptional performance, reliability, and flexibility for modern industrial environments, optimizing production lines and enhancing logistics efficiency.

#### Advanced Steering & Maneuverability

Featuring a sophisticated servo steering system, this AGV provides smooth, precise navigation through complex factory layouts. The 360-degree spin capability enables effortless rotation in tight spaces, maximizing warehouse utilization and streamlining material handling workflows while enhancing operational safety.

#### Customizable Load Capacity

With load capacity ranging from 100 to 1000 kilograms, this versatile vehicle accommodates diverse applications from lightweight components to heavy pallets and machinery. Customizable specifications ensure seamless integration across various industrial settings.

#### Flexible Operation Control

Multiple operation types including hand pendant, remote, and computer control provide intuitive flexibility. Integration with factory management systems enables automated scheduling, route optimization, and real-time monitoring for comprehensive operational control.

### Key Features



Product Name: AGV Automated Guided Vehicle

360-degree Spin In Place for enhanced maneuverability

Application Areas: Manufacturing, Warehousing, Logistics, Automotive

Durable Polyurethane Tyres for smooth movement

Adjustable Lifting Height: 20-90 mm, customizable

Operation Types: Hand Pendant, Remote, and Computer Control

Ideal for Warehouse AGV operations and automation

Comprehensive Automated Guided Vehicle System integration

Advanced AGV Robot for streamlined material handling

## Technical Specifications

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**Right View**



**Front View**



**Left View**



**Rear View**

Parameter	Specification
Lifting Height	20-90 mm / Customized
Load Capacity	100 kg to 1000 kg
Operation Type	Hand Pendant + Remote + Computer Control
Rotation	360-degree Spin In Place
Navigation Method	Laser Guidance / Magnetic Tape / Vision Guidance
Tyre Material	Polyurethane
Application Areas	Manufacturing, Warehousing, Logistics, Automotive
Steering Type	Servo Steering
Overall Dimensions	950mm × 580mm × 300mm

## Applications & Integration



The TIANYUE AGV Robot, certified with 3C and CE standards, ensures safety and reliability in complex industrial environments. Ideal for precision assembly lines in electronics, automotive, and aerospace manufacturing, this Smart AGV Robot handles delicate components efficiently with customizable lifting heights and adaptable load capacity from 1 to 1000 kilograms.

With supply capacity of 100 pieces monthly and delivery within 30-40 working days, TIANYUE meets large-scale industrial demands. The AGV seamlessly integrates into existing automated guided vehicle systems, streamlining workflows and reducing labor costs across manufacturing plants, assembly workshops, and distribution hubs.





HIGH QUALITY



EASY OPERATION



AFTER-SALES SERVICE



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