



Customized AGV Automated Guided Vehicle with Electromagnetic Brake System and Laser Guidance Navigation

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

- Customized Way: As Requested
- Accurate Positioning: $\pm 10\text{mm}$
- Temperature: 0-40°C
- Drive Method: Two-Wheel Differential Drive
- Navigation Technology: Laser Guidance
- Lifting Stroke: 0-60mm
- Steering Type: Servo Steering
- Brake System: Electromagnetic
- Highlight: **Electromagnetic Brake System AGV Robot, Laser Guidance Navigation Automated Guided Vehicle System**
Customized Solutions AGV Automated Guided Vehicle



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Product Description

Custom Automated Guided Vehicle System with Electromagnetic Brake

The AGV Automated Guided Vehicle represents a significant advancement in material handling and factory automation. Engineered to enhance operational efficiency, this high-performance AGV Robot meets the rigorous demands of modern industrial environments with state-of-the-art features and robust construction.

Extended Operational Capabilities

Equipped with a powerful battery system, the AGV Robot operates continuously for up to 8 hours on a single charge, minimizing downtime and maximizing productivity in 24/7 manufacturing or warehouse operations. The extended battery life reduces charging frequency, extending battery lifespan and lowering maintenance costs.

Robust Environmental Performance

Operating within a temperature range of 0-40°C, this Factory Automation AGV maintains optimal performance in various industrial settings, ensuring consistent and efficient material handling regardless of environmental conditions.

Advanced Navigation & Control

The advanced servo steering system provides smooth, accurate, and responsive maneuverability, allowing the vehicle to navigate complex factory layouts with precision. Laser guidance technology enables autonomous navigation with exceptional accuracy, detecting obstacles and adjusting routes dynamically in real-time.

Versatile Lifting Capabilities

With a lifting stroke range of 0-60mm, the AGV accommodates various load types and heights, making it suitable for lifting and transporting pallets, containers, and other materials commonly found in manufacturing and warehousing operations.



Key Features

- Product Name: AGV Automated Guided Vehicle
- Accurate Positioning: ± 10 mm for precise navigation
- Navigation Technology: Advanced Laser Guidance system
- Brake System: Reliable Electromagnetic braking
- Customized Way: Tailored solutions as requested
- Operating Environment: Suitable for Indoor, Warehouse, and Factory Floor settings
- Magnetic Guided AGV capabilities for flexible route management

Smart AGV Robot design enhances operational efficiency
Part of a comprehensive Automated Guided Vehicle System



Technical Specifications

Parameter	Specification
Size (L*W*H)	949*650*253mm (customizable)
Accurate Positioning	±10mm
Customized Way	As Requested
Brake System	Electromagnetic
Steering Type	Servo Steering
Operating Temperature	0-40°C
Communication	Wi-Fi / 4G / Ethernet
Drive Method	Two-Wheel Differential Drive
Lifting Stroke	0-60mm
Navigation Technology	Laser Guidance



Applications & Industries

The TIANYUE AGV Robot, certified with 3c and CE standards, is designed to optimize material handling and logistics operations across various industries. With a supply capacity of 100 pieces per month and a minimum order quantity of one set, this AGV Robot offers flexible and scalable automation solutions.

Industry Applications

In manufacturing plants, the AGV efficiently transports raw materials, work-in-progress items, and finished goods between workstations. Warehouses and distribution centers benefit from automated pallet movement, order picking, and inventory replenishment. The automotive industry utilizes AGVs for just-in-time component delivery on assembly lines, while the food and beverage sector employs them for hygienic transport of packaged goods. Hospitals and pharmaceutical environments rely on AGVs for secure transportation of medical supplies.

Customization & Service

Customization options are available to meet specific operational requirements. With regular packaging and delivery within 30-40 working days, customers receive reliable service. Flexible payment terms including L/C and T/T, along with negotiable pricing, make this AGV Robot an attractive investment for improving automation efficiency.





HIGH QUALITY



EASY OPERATION



AFTER-SALES SERVICE



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