AGV Automated Guided Vehicle with ±5-10mm Stopping Precision Wi-Fi RFID Bluetooth Communication and 0-1.5ton Load Capacity

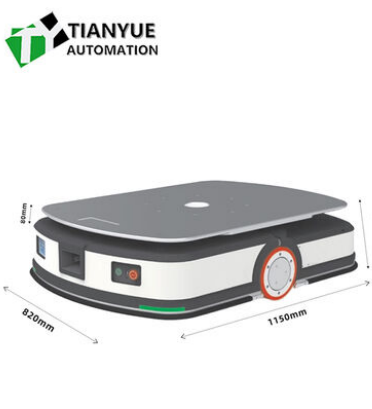
Our Product Introduction

Basic Information

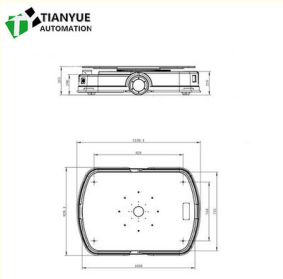
- Brand Name: TIANYUE
- Certification: 3c.ce
- Minimum Order Quantity: 1 Sets
- Price: Negotiable
- Packaging Details: Regular Packaging
- Delivery Time: 30-40 Working Days
- Payment Terms: L/C,T/T,
- Supply Ability: 100 Pieces/month

Product Specification

- Steering Type: Servo Steering
- Operating Temperature: 0-50°C
- Charging Method: Automatic Charging
- Load Mode: Back Lifting
- Load Capacity: 0 - 1.5ton/Customized
- Drive Method: Differential Drive
- Size: 1150mm*850mm*265mm(customized)
- Navigationmethod: Laser, QR Code, SLAM Navigation (optional)
- Highlight: **±5-10mm Stopping Precision AGV Automated Guided Vehicle** , **Wi-Fi RFID Bluetooth Communication Material Handling AGV** , **0-1.5ton Load Capacity Factory Automation AGV**



More Images



Our Product Introduction

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Product Description

Automated Guided Vehicle System with ±5-10mm Stopping Precision

TIANYUE AUTOMATION

Advanced Material Handling Solution

The AGV Automated Guided Vehicle represents a cutting-edge solution designed to revolutionize industrial material handling processes. Engineered with precision and adaptability, this Material Handling AGV offers versatile load capacity ranging from 0 to 1.5 tons, with customization options to meet specific operational requirements.

Smart Communication & Integration

Equipped with multiple communication interfaces including Wi-Fi, RFID, and Bluetooth, the vehicle ensures seamless integration with existing factory automation systems. This multi-protocol communication support facilitates real-time data exchange, enabling efficient coordination and monitoring within complex production environments.

Autonomous Operation & Charging

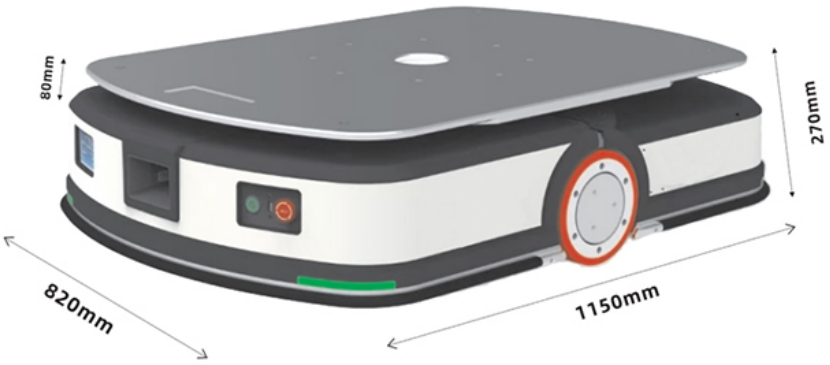
The AGV utilizes automatic charging that minimizes downtime and maximizes operational availability. It autonomously navigates to charging stations when battery levels are low, ensuring continuous operation without manual intervention.

Precision Performance

With stopping accuracy of ±5-10mm, the AGV positions loads exactly where needed, reducing material damage risk and streamlining loading/unloading processes. This level of control is crucial in environments where exact placement is essential.

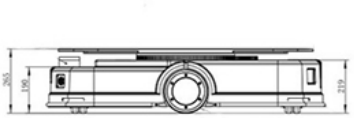
Robust Environmental Compatibility

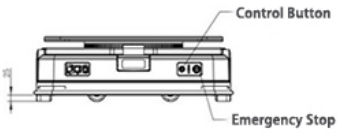
Designed to operate efficiently within a temperature range of 0 to 50°C, the AGV is suitable for various industrial settings from climate-controlled warehouses to challenging factory floors.

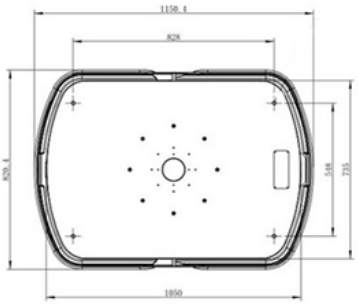


Key Features

- Product Name: AGV Automated Guided Vehicle
- Load Mode: Back Lifting for efficient material handling
- Brake Mode: Reliable Electromagnetic Brake system
- Communication Options: Wi-Fi, RFID, and Bluetooth enabled
- Stopping Precision: High accuracy within ±5-10mm
- Load Capacity: 0 - 1.5 ton, customizable to your needs
- Designed as a Smart AGV Robot for enhanced factory automation
- Ideal for Material Handling AGV applications in various industries
- Supports seamless integration in Factory Automation AGV systems







Technical Specifications

Steering Type	Servo Steering
Charging Method	Automatic Charging
Brake Mode	Electromagnetic Brake
Load Mode	Back Lifting
Type	Smart Cart AGV
Stopping Precision	±5-10mm
Load Capacity	0 - 1.5 ton / Customized
Communication	Wi-Fi / RFID / Bluetooth
Lifting Height	0-80mm (Customized)
Operating Temperature	0-50°C

Industrial Applications

The TIANYUE Automated Guided Vehicle System is an advanced solution designed to revolutionize material handling across various industries. This AGV Robot is engineered with precision stopping capabilities of ±5-10mm and features an electromagnetic brake mode to ensure safe and reliable operation.

With a load capacity ranging from 0 to 1.5 tons (customizable) and compact dimensions of 1150mm×850mm×265mm, the AGV Robot fits seamlessly into diverse production environments including manufacturing plants, warehouses, distribution centers, and logistics hubs.

> The system excels in automating transportation tasks requiring efficiency and accuracy, including repetitive material transfers, assembly line supply, and inventory management operations.

HIGH QUALITY

EASY OPERATION

AFTER-SALES SERVICE

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