

Movement Accuracy $\pm 10\text{mm}$ AGV Automated Guided Vehicle with 2000 Kg Load Capacity and Laser Radar Obstacle Avoidance for Industrial Automation

Our Product Introduction

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Basic Information

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

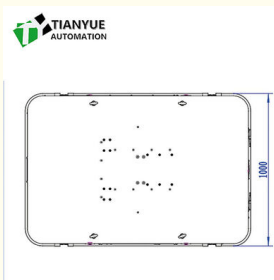
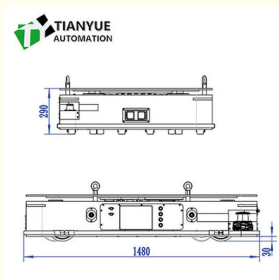


Product Specification

- Pickup Quantity: Customized
- Lifting Method: 48v Electro-hydraulic
- Obstacle Avoidance Method: Laser Radar Obstacle Avoidance
- Load Capacity: 2,000 Kg
- Power Source: Battery
- Lifting Stroke: 60-90mm
- Communicationinterface: Wi-Fi / 4G / Ethernet
- Travel Speed: 1m/s
- Drivetrain: Dual Differential Wheel Set Omnidirectional Drive
- Working Method: Submerged Lifting Type
- Highlight: **Movement Accuracy $\pm 10\text{mm}$ AGV Automated Guided Vehicle, 2000 Kg Load Capacity Industrial AGV Vehicle, Laser Radar Obstacle Avoidance Warehouse AGV**



More Images



Product Description

Movement Accuracy $\pm 10\text{mm}$ Automated Guided Vehicle System

Customized Pickup Quantity Material Handling Solution for Industrial Automation



The AGV Automated Guided Vehicle is a cutting-edge solution designed to revolutionize material handling and logistics in various industrial environments. Engineered to meet the demanding needs of modern factory automation, this robust and versatile Industrial AGV Vehicle offers exceptional performance, reliability, and flexibility.

With a load capacity of up to 2,000 Kg, this system is ideal for transporting heavy loads efficiently and safely across factory floors and warehouse settings, making it an indispensable asset in any Warehouse AGV system.

The lifting stroke ranges from 60 to 90mm, ensuring stable and secure handling of materials during transportation. This precise lifting capability minimizes the risk of damage and improves overall operational efficiency.

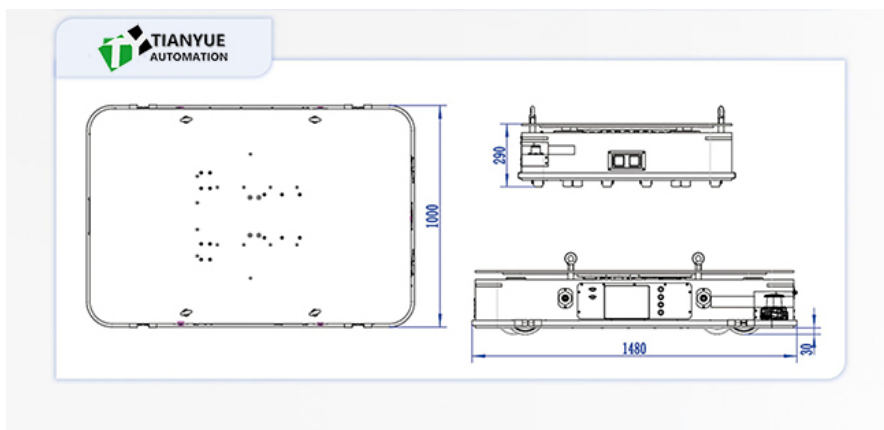
Advanced Communication & Control

Supporting Wi-Fi, 4G, and Ethernet connectivity, this AGV ensures seamless integration into existing factory automation networks. Real-time data exchange and remote monitoring facilitate smooth coordination and control across multiple units.

Power & Operation

Powered by a high-capacity battery system, the AGV supports continuous operation throughout demanding work shifts. Multiple control options include hand pendant, remote control, and computer-based management, providing flexibility and precision for diverse operational requirements.

Key Features



- Product Name: AGV Automated Guided Vehicle
- Operating Environment: Indoor, Warehouse, Factory Floor
- Movement Accuracy: $\pm 10\text{mm}$ for precise navigation
- Travel Speed: Up to 1m/s for efficient operation
- Load Capacity: Supports up to 2,000 Kg
- Lifting Stroke: Adjustable between 60-90mm
- Equipped as an AGV Robot for automated material handling
- Utilizes Magnetic Guided AGV technology for reliable path following
- Designed as a Magnetic Guided AGV ensuring safety and accuracy in movement

Technical Specifications



Parameter	Specification
Travel Speed	1 m/s
Power Source	Battery
Load Capacity	2,000 Kg

Lifting Stroke	60-90 mm
Size (L*W*H)	1480 mm * 1000 mm * 280 mm
Battery Life	Up To 8 Hours
Movement Accuracy	±10 mm
Communication Interface	Wi-Fi / 4G / Ethernet
Pickup Quantity	Customized
Obstacle Avoidance Method	Laser Radar Obstacle Avoidance

Applications



The TIANYUE AGV Automated Guided Vehicle is designed to revolutionize material handling across various industries. With its robust load capacity and precise movement accuracy, this Warehouse AGV is ideal for environments demanding high efficiency and reliability.

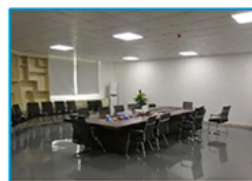
Primary Application Areas

Warehouses & Distribution Centers: Magnetic Guided AGV technology ensures smooth and accurate navigation along predefined paths, reducing human labor and minimizing errors.

Manufacturing Plants: Efficiently transports raw materials, components, and finished products between workstations, facilitating safe and timely delivery for just-in-time production processes.

Logistics Hubs & Airports: Enhances throughput and reduces turnaround times for cargo and baggage handling.

The compact size of 1480mm*1000mm*280mm and lifting stroke of 60-90mm make it perfectly suited for maneuvering in confined spaces while handling substantial loads.





HIGH QUALITY



EASY OPERATION



AFTER-SALES SERVICE



Guangzhou Tianyue Automation Technology Co., Ltd.

☎ 13570415240

✉ mkliangjintian@gmail.com

🌐 roboticsagv.com

Shop 23,24-101 ,32 Lihong Bei Lu, Jiutan Cun, Huadu District, Guangzhou City, China