



Electromagnetic Brake AGV Automated Guided Vehicle with Lithium Iron Phosphate Battery and $\pm 5\text{mm}$ Movement Accuracy for Warehousing

Our Product Introduction

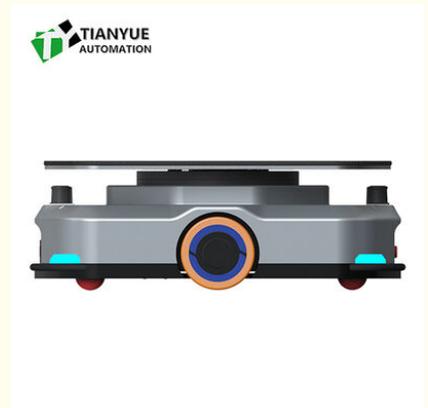
Basic Information

- 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

- Color/application: Warehousing
- Brake Mode: Electromagnetic Brake
- Movement Accuracy: ± 5
- Application areas: Material Handling / Assembly Line / Inventory Transport
- Driving Speed: ≤ 1.5 M/s
- Battery Specifications: 51.2 V / 20 Ah (Lithium Iron Phosphate)
- Size: 810 X 545 X 280 Mm
- Maximum Lifting Stroke: 60 ± 2 Mm
- Highlight:
 - Electromagnetic Brake AGV Automated Guided Vehicle
 - Lithium Iron Phosphate Battery Warehouse AGV
 - $\pm 5\text{mm}$ Movement Accuracy Industrial AGV Vehicle



More Images



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Electromagnetic Brake Automated Guided Vehicle System



Product Overview

The AGV Automated Guided Vehicle is a cutting-edge solution designed to enhance efficiency and safety in modern industrial environments. Engineered for seamless material handling and transportation within warehouses, manufacturing facilities, and distribution centers, this Warehouse AGV offers precise navigation, reliable performance, and adaptability to various operational needs.

Advanced Safety & Performance Features

Equipped with an electromagnetic brake system, the vehicle ensures quick and secure stopping capabilities. This brake mode enhances operational safety while reducing mechanical wear and tear. The highly responsive electromagnetic braking system provides smooth and controlled deceleration even in complex warehouse layouts.

Power & Performance Specifications

Powered by a high-performance lithium iron phosphate battery (51.2V/20Ah), this AGV maintains consistent performance throughout extended working hours. The battery technology offers excellent energy density, long cycle life, and enhanced safety features, minimizing downtime and frequent recharging needs.

With a driving speed of up to 1.5 meters per second and movement accuracy of ± 5 millimeters, the vehicle balances efficiency with precision. This high level of accuracy is critical for exact positioning tasks such as loading/unloading pallets and navigating narrow aisles.

Operational Flexibility

The AGV supports multiple control methods including hand pendant, remote control, and computer control. This versatility allows for manual guidance when needed, remote operation for safety, and seamless integration into broader automated systems through intelligent control platforms.



Product Features

- Product Name: AGV Automated Guided Vehicle
- Lifting Load Capacity: 400KG
- Application Areas: Material Handling, Assembly Line, Inventory Transport
- Brake Mode: Electromagnetic Brake for enhanced safety
- Type: Laser SLAM Lifting and Transporting Robot
- Operating Temperature Range: 0 to 50
- Advanced Industrial AGV Vehicle designed for efficient automation
- Smart AGV Robot with precise navigation and load handling capabilities
- Reliable Industrial AGV Vehicle suitable for various industrial environments



Technical Parameters

Parameter	Specification
Color Application	Warehousing
Maximum Lifting Stroke	60±2 mm
Rotational Diameter	840 mm
Battery Specifications	51.2 V / 20 Ah (Lithium Iron Phosphate)
Movement Accuracy	±5 mm
Driving Speed	≤1.5 m/s
Application Areas	Material Handling / Assembly Line / Inventory Transport
Brake Mode	Electromagnetic Brake
Size	810 × 545 × 280 mm
Charging Method	Automatic Return To Charge



Applications

The TIANYUE AGV Automated Guided Vehicle is an advanced solution designed for various material handling applications. This Smart AGV Robot excels in warehouse environments, offering efficient and reliable automation to optimize logistics and streamline operations.

Warehousing Applications

With a driving speed of up to 1.5 meters per second and rotational diameter of 840 mm, the vehicle navigates smoothly through narrow aisles and complex pathways. Its maximum lifting stroke of 60±2 mm enables precise handling of loads, while the electromagnetic brake system ensures safe and stable stopping during operation.

Manufacturing & Assembly Line Applications

Well-suited for manufacturing plants and assembly lines where repetitive transport tasks are necessary. The AGV can autonomously follow predefined routes or dynamically adjust its path based on real-time data, reducing manual labor and minimizing human error.

Supply Details: 100 pieces per month capacity | Minimum order: 1 set | Delivery: 30-40 working days | Pricing: Negotiable | Payment: L/C, T/T



广州市添越自动化技术有限公司
Guangzhou Tianyue Automation Technology Co., Ltd.

COMPANY PROFILE









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专利34项 先后荣获国家高新技术企业认定



高新技术企业证书

企业名称: 广州市添越自动化技术有限公司
证书编号: GR202214612006
发证日期: 2022年12月22日
有效期: 三年



HIGH QUALITY



EASY OPERATION



AFTER-SALES SERVICE



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