



## Electromagnetic Brake System AGV Automated Guided Vehicle with 58±2 mm Lifting Stroke for Non-compressed Condensation Environments

Our Product Introduction

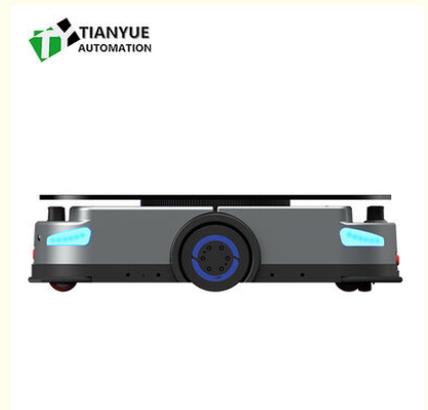
### Basic Information

- 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

- Charging method: Manual / Automatic
- Rotational Diameter: 1055 Mm
- Product name: Lifting And Transporting Robot Guided Vehicle
- Navigation Angle Accuracy: ±0.5°
- Running Speed: ≤1.5 M/s
- Maximum Lifting Stroke: 58±2 Mm
- Environmental Temperature: 0 ~50 / Humidity: 10%~90%,  
And Humidity Range: Non-compressed Condensation
- Navigation Accuracy: ±5-10mm
- Highlight: **Electromagnetic Brake System AGV,  
Non-compressed Condensation AGV,  
58±2 mm Lifting Stroke AGV**



### More Images



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## Electromagnetic Brake System Automated Guided Vehicle



The AGV Automated Guided Vehicle is a state-of-the-art Smart AGV Robot designed to revolutionize industrial material handling and logistics processes. Engineered with precision and advanced technology, this Industrial AGV Vehicle offers unparalleled efficiency, safety, and reliability in various manufacturing and warehouse environments.

**Key Power System:** 51.2 V / 30 Ah Lithium Iron Phosphate battery providing long-lasting power, rapid charging capabilities, and enhanced safety with superior thermal stability and extended lifecycle.

### Advanced Safety Features

The electromagnetic brake system delivers precise and immediate stopping power, ensuring smooth and secure halting even under heavy loads or emergency situations. This technology enhances operational safety for both the AGV and surrounding personnel.

### Operational Specifications

**Carrying Mode:** Back lift configuration for efficient material handling

**Minimum Passage Width:** 840 mm for navigating tight spaces

**Maximum Lifting Stroke:** 58±2 mm for precise load handling

**Load Capacity:** 1000 KG for heavy-duty applications



## Product Features

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Product Name AGV Automated Guided Vehicle Also Known As Lifting And Transporting Robot Guided Vehicle Maximum Lifting Stroke 58±2 mm  
Minimum Passage Width 840 mm Load Weight Capacity 1000 KG Charging Method Manual / Automatic Type Magnetic Guided AGV Category  
Smart AGV Robot Application Industrial AGV Vehicle



## Technical Parameters

Parameter	Specification
Product Name	Lifting And Transporting Robot Guided Vehicle
Brake System	Electromagnetic
Environmental Range	Temperature: 0 ~50 / Humidity: 10%~90%, Non-compressed Condensation
Carrying Mode	Back Lift
Rotational Diameter	1055 mm
Navigation Accuracy	±5-10 mm
Load Weight	1000 KG
Charging Method	Manual / Automatic
Running Speed	≤1.5 m/s
Minimum Passage Width	840 mm



## Industrial Applications

The TIANYUE AGV Automated Guided Vehicle is engineered to optimize material handling processes across various industries. With navigation angle accuracy of  $\pm 0.5^\circ$  and navigation accuracy between  $\pm 5-10\text{mm}$ , it ensures precise movement in complex operational environments.

### Key Application Areas

**Warehouse Automation:** Transport goods between storage locations and loading docks

**Manufacturing:** Just-in-time delivery of components to assembly lines

**Logistics Hubs:** Automated transport solutions for distribution centers

**Healthcare & Retail:** Reliable automated transport in hospitals and retail distribution

The electromagnetic braking system and compact design allow efficient maneuvering in narrow spaces, making it ideal for facilities with limited aisle widths. With flexible supply capabilities and negotiable pricing, businesses can easily integrate this Smart AGV Robot into existing systems.





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