



## Back Lift AGV Automated Guided Vehicle with 800KG Lift Load Capacity Laser Radar Obstacle Avoidance and Automatic Charging

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

- Communication: Wi-Fi / 4G / Ethernet
- Weight (including Battery): 150 Kg
- Overall Dimensions: 980 X 680 X 245 Mm
- Battery Charger Function: Automatic Charging
- Obstacle Avoidance Method: Laser Radar Obstacle Avoidance
- Maximum speed: 1.8 M/s
- Carrying Mode: Back Lift
- Maximum Lifting Stroke: 60±2 Mm
- Highlight: **800KG Lift Load Capacity AGV Automated Guided Vehicle**  
 , **Laser Radar Obstacle Avoidance Smart AGV Robot**  
 , **Automatic Charging Material Handling AGV**



### More Images



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## Product Description

### Back Lift Automated Guided Vehicle System

The AGV Automated Guided Vehicle is a cutting-edge Smart AGV Robot designed to revolutionize material handling processes in various industrial and commercial environments. With a robust lift load capacity of 800 kilograms, this Material Handling AGV is specifically engineered to handle heavy-duty tasks efficiently and reliably.



### Advanced Performance Features

Weighing only 150 kilograms including the battery, the AGV Automated Guided Vehicle is lightweight yet powerful, allowing for easy maneuverability and swift navigation through complex facility layouts. Its compact design ensures optimal performance in tight spaces while maintaining the perfect balance between strength and agility.

Equipped with advanced communication capabilities, the AGV supports Wi-Fi, 4G, and Ethernet connectivity for seamless integration with existing facility networks. This enables real-time data exchange, remote monitoring, and control, enhancing operational efficiency and facilitating smooth coordination among multiple AGV units.

The vehicle achieves an impressive maximum speed of 1.8 meters per second for rapid transportation across large facility areas, while intelligent speed management ensures safety and precision during navigation. The automatic charging function enables autonomous docking and recharging without human intervention, ensuring continuous operation and reduced maintenance costs.

### Product Specifications

- Product Name: AGV Automated Guided Vehicle
- Type: Rotary Lifting And Transporting Robot
- Minimum Passage Width: 820 mm
- Maximum Speed: 1.8 m/s
- Lift Load Capacity: 800 KG
- Obstacle Avoidance Method: Laser Radar Obstacle Avoidance
- Suitable for Material Handling AGV applications
- Advanced AGV Robot designed for efficient transport
- Includes Magnetic Guided AGV navigation technology



### Technical Parameters

Obstacle Avoidance Method	Laser Radar Obstacle Avoidance
Minimum Passage Width	820 mm
Weight (including battery)	150 kg
Maximum Speed	1.8 m/s
Type	Rotary Lifting And Transporting Robot
Lift Load	800 kg
Maximum Lifting Stroke	60±2 mm
Overall Dimensions	980 x 680 x 245 mm
Carrying Mode	Back Lift
Communication	Wi-Fi / 4G / Ethernet



## Industrial Applications

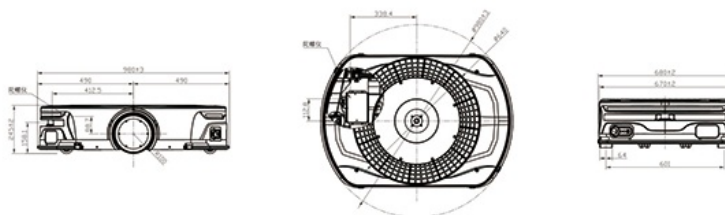
The TIANYUE AGV Automated Guided Vehicle is designed to revolutionize various industrial and commercial settings through its advanced Material Handling AGV capabilities. This smart AGV robot is ideal for applications that require efficient, reliable, and automated transportation of goods within warehouses, factories, and distribution centers.

Equipped with laser radar obstacle avoidance, the TIANYUE AGV ensures safe navigation and seamless operation even in complex environments with dynamic obstacles. Its primary applications include manufacturing plants where movement of heavy parts and components is frequent, assembly lines with fixed path requirements, and distribution centers for order fulfillment and inventory transport.

The minimum passage width of 820 millimeters allows efficient operation in narrow aisles, optimizing space utilization without sacrificing performance. With flexible procurement options including a minimum order quantity of one set and delivery within 30-40 working days, the TIANYUE AGV provides a cutting-edge solution for businesses seeking to enhance productivity, safety, and automation in their operations.



size (mm)



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

# COMPANY PROFILE



HIGH QUALITY



EASY OPERATION



AFTER-SALES SERVICE



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