



## AGV Automated Guided Vehicle with $\pm 5\text{mm}$ Parking Accuracy, Laser SLAM Navigation, and Customizable Table Size for Warehouse Transport

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

- Running Way: Cement Floor
- Accurate Positioning:  $\pm 10\text{mm}$
- Control System: PLC
- Carrier Height: Customizable
- Parking Accuracy:  $\pm 5\text{mm}$
- Job Type: Roller Conveyor Type
- Navigation Method: Laser SLAM With Reflective Fusion Navigation
- Drive Form: Two-wheel Differential Drive
- Highlight:  **$\pm 5\text{mm}$  Parking Accuracy AGV, Laser SLAM Navigation Automated Guided Vehicle, Customizable Table Size AGV Robot**



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Product Description

AGV Automated Guided Vehicle System

Advanced material handling solution with  $\pm 5\text{mm}$  parking accuracy and customizable table size (950mm \* 580mm \* 780mm) designed for warehouse transport automation.



Product Overview

The AGV Automated Guided Vehicle represents state-of-the-art material handling technology engineered to optimize industrial processes. This advanced system enhances efficiency, reduces labor costs, and improves safety in manufacturing plants, warehouses, and distribution centers. With robust design and intelligent navigation capabilities, the AGV seamlessly integrates into existing workflows, providing reliable and flexible automation.

Key System Features

The roller conveyor configuration enables smooth goods transfer, ideal for continuous movement along production lines. Operating on cement floors ensures stable performance in industrial environments. Multiple table styles including roller tables, lift tables, and custom configurations provide operational flexibility.

Power & Drive System

Powered by Lithium Iron Phosphate battery technology for high energy density, safety, and long cycle life. The two-wheel differential drive system offers excellent maneuverability and precise control for navigating complex industrial layouts.

Technical Specifications

Parameter	Specification
Job Type	Roller Conveyor Type

Accurate Positioning	±10mm
Table Style	Roller / Lift Table / Customized
Carrier Height	Customizable
Parking Accuracy	±5mm
Drive Form	Two-wheel Differential Drive
Docking Method	Jack Up
Battery Charger Function	Automatic Charging
Running Way	Cement Floor

**Product Features**

- Product Name: AGV Automated Guided Vehicle
- Drive Form: Two-wheel Differential Drive
- Carrier Height: Customizable to fit various industrial needs
- Running Way: Designed for smooth operation on cement floors
- Table Style: Options include Roller Table, Lift Table, or Customized configurations
- Parking Accuracy: High precision parking with ±5mm accuracy
- Part of an advanced Automated Guided Vehicle System for efficient material handling
- Reliable AGV Robot technology ensuring seamless navigation and operation
- Robust Industrial AGV Vehicle suitable for diverse manufacturing environments



**Industrial Applications**

The TIANYUE AGV Automated Guided Vehicle is certified with 3C and CE standards, ensuring international compliance for safety and performance. Ideal for warehouse automation, factory production lines, and various industrial settings requiring precise material movement.

With automatic battery charging, customizable carrier heights, and precise positioning capabilities, this system supports just-in-time delivery and lean manufacturing principles across automotive, electronics, food processing, and distribution industries.



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