



## Laser Radar Obstacle Avoidance AGV Robot with Polyurethane Tyre Material and Customized Table Size for Automated Material Transport

Our Product Introduction

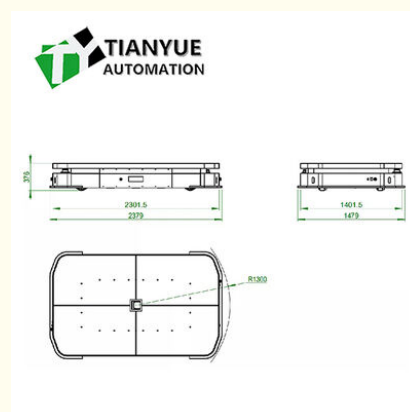
### Basic Information

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



### Product Specification

- Table Size: Customized
- Safetyfeatures: Obstacle Detection, Emergency Stop, Safety Bumpers
- Applications: Material Handling, Assembly Line Transport, Inventory Management
- Lifting Height: 100mm
- Obstacle Avoidance Method: Laser Radar Obstacle Avoidance
- Battery Charger Function: Automatic Charging
- Comprehensive Endurance: 8h
- Navigation Accuracy:  $\pm 5\text{mm}$
- Drive Method: Four Steering Wheels
- Driving Mode: Forward And Backward + 360-degree On-the-spot Rotation + Left And Right Lateral Movement
- Highlight: **Laser Radar Obstacle Avoidance AGV Robot, Polyurethane Tyre Material AGV Robot,**



### More Images



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## Product Description

### Laser Radar Obstacle Avoidance Automated Guided Vehicle System

Advanced AGV system utilizing polyurethane tyre material for automated material transport in industrial environments.



### Product Overview

The AGV Automated Guided Vehicle revolutionizes material handling and warehousing operations with state-of-the-art technology that delivers unparalleled efficiency, precision, and safety. This advanced system ensures seamless navigation, accurate positioning, and reliable obstacle avoidance to enhance operational productivity.

### Key Features

- Laser radar obstacle avoidance for real-time collision prevention
- Customizable table size to accommodate diverse material handling needs
- High navigation accuracy of  $\pm 5\text{mm}$  for precise path following
- Optimized for warehousing applications with robust construction
- Automatic charging function for uninterrupted 24/7 operation
- Supports magnetic guidance systems for flexible navigation options

### Technical Specifications

Navigation Accuracy	$\pm 5\text{mm}$
Lifting Height	100mm
Tyre Material	Polyurethane
Applications	Material Handling, Assembly Line Transport, Inventory Management
Color Application	Warehousing
Table Size	Customized
Drive Method	Differential Wheel
Maximum Speed	Up to 1.5 M/s

Battery Charger Function	Automatic Charging
Navigation Mode	Laser Navigation

## Applications

The TIANYUE Smart AGV Robot is certified with 3C and CE standards and designed for diverse industrial applications including warehousing operations, manufacturing plants, hospitals, airports, and distribution centers. Its magnetic guided AGV technology ensures precise navigation while laser navigation provides obstacle detection and route optimization.



HIGH QUALITY



EASY OPERATION



AFTER-SALES SERVICE



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