



Polyurethane Tyre Material AGV Automated Guided Vehicle with Servo Steering and Dual Rudder Wheel Drive for Industrial Automation

Our Product Introduction

Basic Information

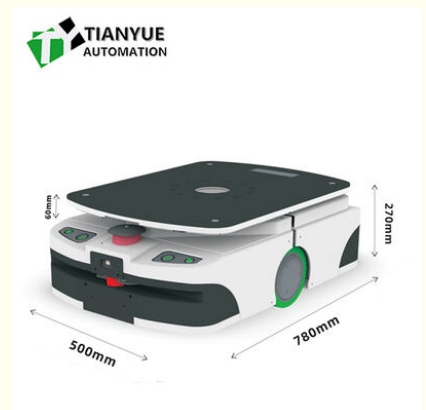
- Brand Name: TIANYUE
- Certification: 3c.ce
- Minimum Order Quantity: 1 Sets
- Price: Negotiable
- Packaging Details: Regular Packaging
- Delivery Time: 30-40 Working Days
- Payment Terms: L/C,T/T,
- Supply Ability: 100 Pieces/month



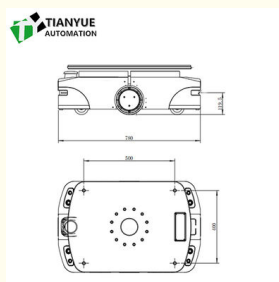
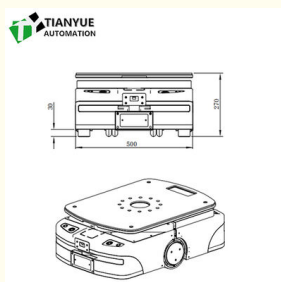
Product Specification

- Drive Method: Dual Rudder Wheel Drive
- Lifting Stroke: 60mm
- Travel Speed: 1.5m/s
- Navigation Accuracy: $\pm 5-10\text{mm}$
- Dimensions: L780*W500*H270 mm Customizable Based On Application
- Steering Type: Servo Steering
- Navigation Method: Laser, QR Code, SLAM Navigation (optional)
- Other Name: Agv Autonomous Guided Vehicles
- Highlight: **Polyurethane Tyre Material AGV Automated Guided Vehicle**

Servo Steering AGV Automated Guided Vehicle,
 Dual Rudder Wheel Drive Industrial AGV Vehicle



More Images



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Product Description

Polyurethane Tyre Material Automated Guided Vehicle System



Advanced Industrial Automation Solution

The AGV Automated Guided Vehicle represents cutting-edge technology in industrial automation and material handling. Engineered to optimize efficiency and precision in manufacturing and logistics environments, this industrial AGV vehicle meets the demanding requirements of modern material handling applications with advanced navigation systems and robust load capacity.

Precision Navigation & Movement

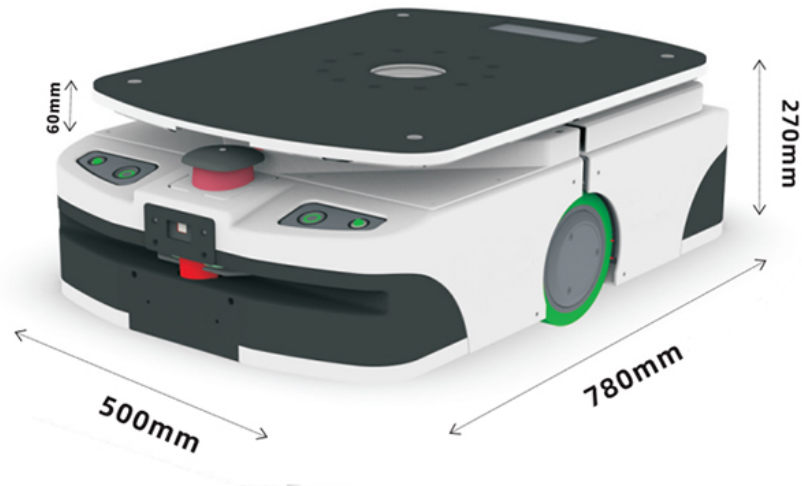
Featuring exceptional navigation accuracy of $\pm 5-10\text{mm}$, the vehicle maneuvers through complex industrial layouts with minimal deviation. Versatile travel functions include forward/backward movement, left/right turning, branching, and on-the-spot rotation for navigating tight spaces and complex pathways.

Heavy-Duty Performance

With a substantial 400KG load capacity, this material handling AGV transports heavy materials or multiple items simultaneously, reducing trips and enhancing throughput across automotive, electronics, food and beverage, and pharmaceutical industries.

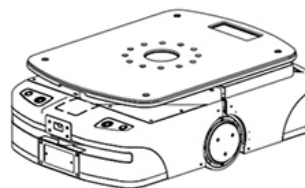
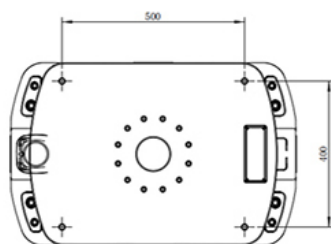
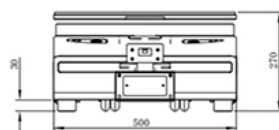
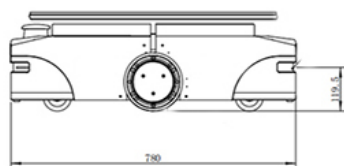
Autonomous Operation

The automatic charging system enables the vehicle to autonomously return to charging stations when battery levels are low, minimizing downtime and ensuring continuous operation without manual intervention.



Product Features

- Product Name: AGV Automated Guided Vehicle
- Also Known As: AGV Autonomous Guided Vehicles
- Lifting Stroke: 60mm
- Tyre Material: Polyurethane
- Navigation Methods: Laser, QR Code, SLAM Navigation (optional)
- Drive Method: Dual Rudder Wheel Drive
- Suitable for Factory Automation AGV applications
- Supports Magnetic Guided AGV navigation
- Designed to enhance efficiency with Magnetic Guided AGV technology



Technical Specifications

Parameter	Specification
Dimensions	L780*W500*H270 (mm), Customizable Based On Application

Navigation Accuracy	±5-10mm
Towing Weight	400KG
Steering Type	Servo Steering
Tyre Material	Polyurethane
Navigation Method	Laser, QR Code, SLAM Navigation (optional)
Other Name	AGV Autonomous Guided Vehicles
Drive Method	Dual Rudder Wheel Drive
Charging Method	Automatic Charging
Travel Speed	1.5m/s

Applications & Industries



Versatile Industrial Applications

The TIANYUE AGV Automated Guided Vehicle optimizes material handling across diverse industrial environments. In manufacturing plants, it efficiently transports raw materials, components, and finished products across production lines, reducing manual labor and minimizing errors.

Advanced Navigation Solutions

Available navigation methods including Laser, QR Code, and SLAM Navigation provide adaptable solutions for various industrial layouts. Magnetic Guided AGV technology ensures high precision in fixed-pathway environments like automotive assembly lines and electronics manufacturing.

Smart Factory Integration

With 360-degree spin capability and 1.5m/s travel speed, the AGV enhances operational flexibility in warehouses, assembly areas, and distribution centers, supporting Industry 4.0 initiatives through seamless communication with automated equipment.

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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