

Roller-type Transfer AGV with $\pm 10\text{mm}$ Navigation Accuracy, 100KG Load Capacity, and Customizable Dimensions

Our Product Introduction

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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

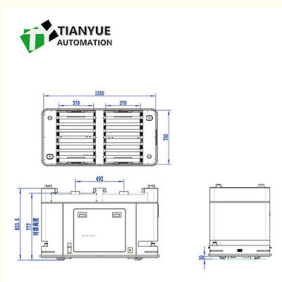


Product Specification

- Travel Speed: 1.5m/s
- Steering Type: Servo Steering
- Communication: Wi-Fi / RFID / Bluetooth
- Dimensions: Customizable Based On Application
- Docking Mod: Conveyor
- Productname: Roller-type Transfer AGV
- Load Weight: 100KG
- Table Size: Customized
- Highlight: $\pm 10\text{mm}$ Navigation Accuracy Roller-type Transfer AGV
, 100KG Load Capacity Automated Guided Vehicle
, Customizable Dimensions AGV Robot



More Images



Product Description

Navigation Accuracy $\pm 10\text{mm}$ Automated Guided Vehicle System



The Roller-type Transfer AGV is a state-of-the-art Smart AGV Robot designed to revolutionize material handling and transportation within various industrial environments. Engineered with precision and efficiency in mind, this advanced Automated Guided Vehicle offers unparalleled navigation accuracy of $\pm 10\text{mm}$, ensuring smooth and reliable movement throughout complex warehouse layouts and production floors.

Enhanced Safety & Control

Featuring an electromagnetic brake system, this AGV provides enhanced safety and stability during operation. The brake allows for secure instant stops when necessary, improving overall control and reducing wear on mechanical components in dynamic warehouse environments.

Customizable Design

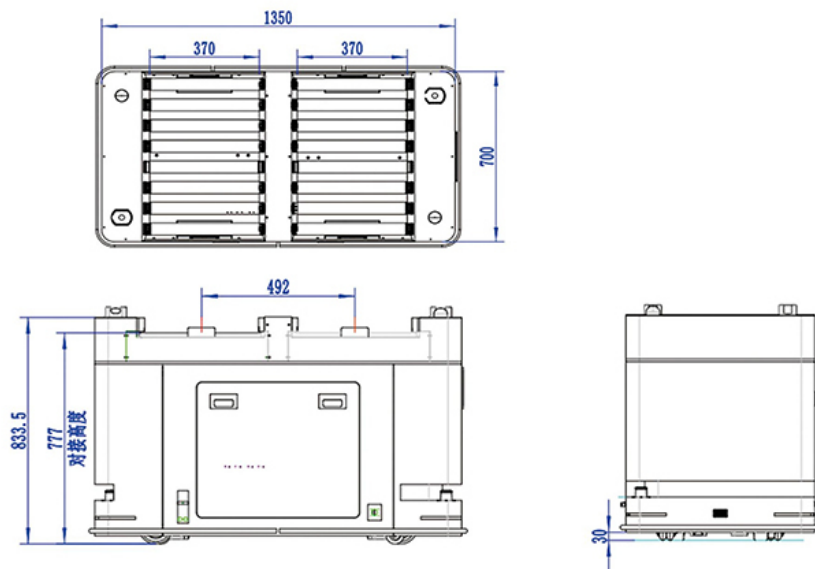
The Roller-type Transfer AGV offers fully customizable dimensions and table sizes tailored to specific application requirements. This flexibility enables seamless integration with different loads and conveyor systems, making it suitable for compact spaces or larger transport needs.

Intelligent Integration

As a Smart AGV Robot, it integrates smoothly with existing warehouse management systems (WMS) and manufacturing execution systems (MES). This connectivity enables real-time tracking, efficient task scheduling, and communication with other automated equipment.

Durable Construction

Built from high-quality materials with modular design, this AGV withstands continuous operation in demanding industrial settings. Easy maintenance access reduces downtime and maximizes operational uptime.



Key Features

- Product Name: AGV Automated Guided Vehicle
- Model: Roller-type Transfer AGV
- Obstacle Avoidance Method: Laser Radar Obstacle Avoidance
- Battery Life: 8 Hours
- Load Capacity: 100KG
- Docking Mode: Conveyor
- Part of an advanced Automated Guided Vehicle System
- Designed as an Industrial AGV Vehicle for efficient material handling
- Ensures high precision and safety within the Automated Guided Vehicle System

Technical Specifications

Parameter	Specification
Product Name	Roller-type Transfer AGV
Dimensions	Customizable Based On Application
Table Size	Customized
Load Weight	100KG
Navigation Accuracy	±10mm
Obstacle Avoidance Method	Laser Radar Obstacle Avoidance
Docking Mode	Conveyor
Communication	Wi-Fi / RFID / Bluetooth
Steering Type	Servo Steering

Battery Life

8 Hours



Industrial Applications

The TIANYUE Roller-type Transfer AGV is designed to revolutionize material handling processes across various industries. With a load capacity of 100KG and travel speed of 1.5m/s, this AGV Robot is ideal for efficient transportation of goods within manufacturing plants, warehouses, and distribution centers.

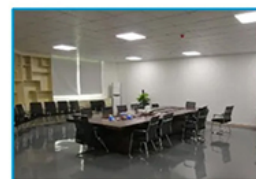
Manufacturing & Warehousing

In manufacturing facilities, it transports raw materials, components, and finished products between workstations, assembly lines, and storage areas, reducing manual labor and streamlining workflows. Warehouses benefit from automated pallet and package transfers, improving order fulfillment speeds and accuracy.

Logistics & E-commerce

Well-suited for logistics hubs and e-commerce fulfillment centers where rapid and reliable material movement is critical. The compact design allows operation in narrow aisles and congested spaces.

With laser radar obstacle avoidance technology, the AGV ensures smooth navigation and safety in dynamic environments. The 8-hour battery life supports continuous operation throughout standard shifts, while customizable programming enables easy integration into existing infrastructure.





HIGH QUALITY



EASY OPERATION



AFTER-SALES SERVICE



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