



Customizable Dimensions AGV Automated Guided Vehicle with DC48V Drive Power Supply and 500-2000 Kg Load Capacity

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

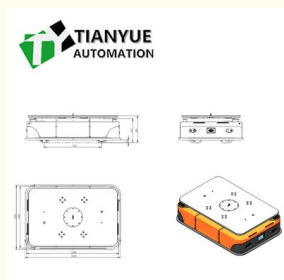


Product Specification

- Navigation Method: Laser, QR Code, SLAM Navigation (Optional)
- Operating environment: Indoor / Warehouse / Factory Floor
- Rotation: 360-degree Spin In Place
- Power Source: Battery
- Size: L1236*W836*H350 (mm) Customizable
- Drive Power Supply: DC48V
- On-the-spot Rotation Radius: 600mm
- Drive Method: Differential Dual Steering Wheel Drive
- Highlight: Customizable Dimensions AGV Automated Guided Vehicle, DC48V Drive Power Supply Smart AGV Robot, 500-2000 Kg Load Capacity Automated Guided Vehicle System



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Product Description

Customizable Automated Guided Vehicle System

The AGV Automated Guided Vehicle is a cutting-edge Smart AGV Robot designed to revolutionize material handling and logistics operations across various industries. Engineered with precision and advanced technology, this Smart AGV Robot offers unparalleled efficiency, safety, and adaptability, making it an essential component of any modern Automated Guided Vehicle System.



Advanced Power & Safety Features

One of the standout features of this Automated Guided Vehicle System is its robust drive power supply, utilizing a reliable DC48V power source. This ensures consistent and powerful performance, enabling the AGV to operate smoothly in demanding environments.

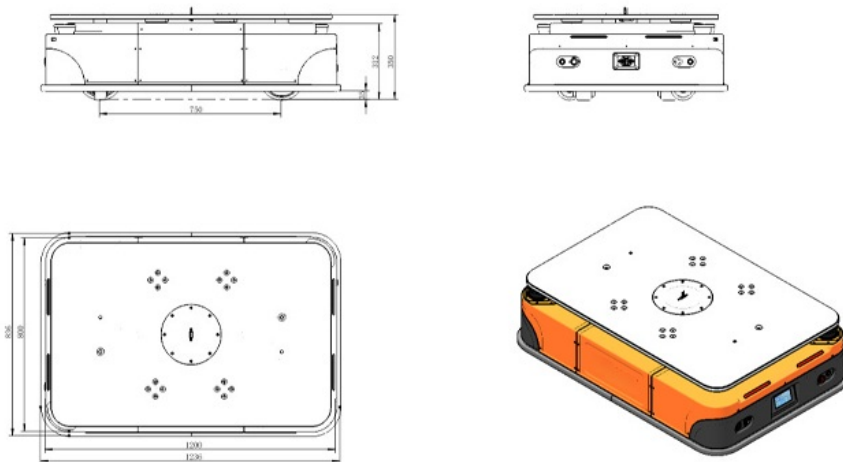
Safety is paramount in the design of this Smart AGV Robot. It is equipped with an emergency stop switch located at each corner of the vehicle, providing immediate shutdown capability in case of unforeseen hazards or emergencies.



Customizable Design & Performance

With a self-weight of approximately 550kg including the battery, this AGV strikes an optimal balance between sturdiness and maneuverability. The dimensions are fully customizable based on specific application requirements, allowing businesses to tailor the vehicle's size to fit their unique spatial constraints and operational needs.

Load capacity is a critical factor in performance, and this Smart AGV Robot excels with a load capacity range from 500 kg to 2000 kg. This wide range accommodates various load types and weights, making it suitable for diverse applications from light assembly line transfers to heavy pallet transport.



Key Features

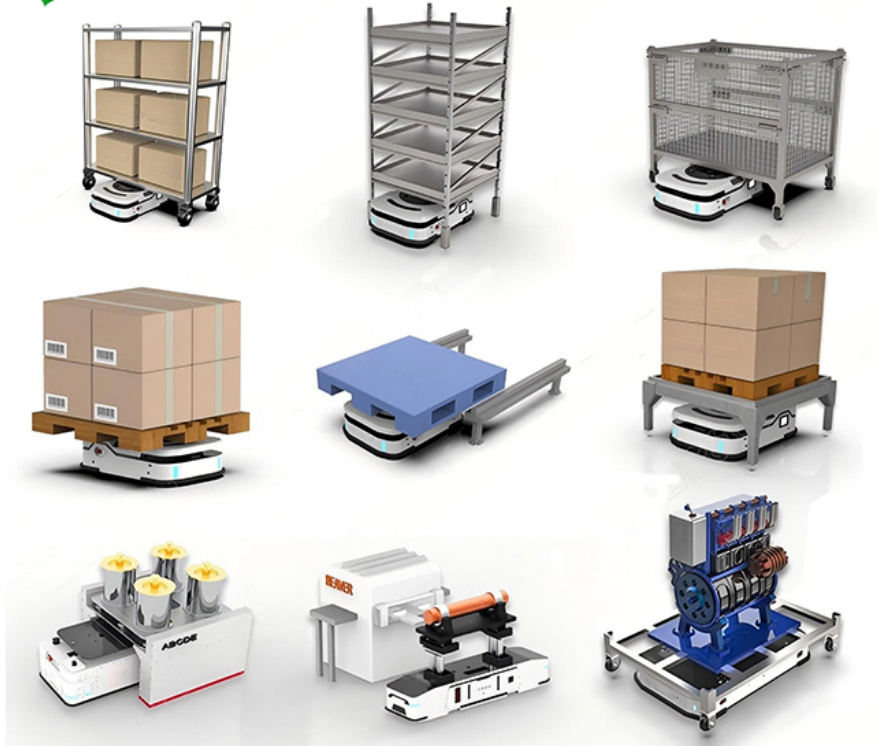
- Product Name: AGV Automated Guided Vehicle
- Navigation Method: Laser, QR Code, SLAM Navigation (Optional)
- Size: L1236*W836*H350 (mm), Customizable
- Load Capacity: 500 Kg to 2000 Kg
- Comprehensive Endurance: 8 hours
- On-the-spot Rotation Radius: 600mm
- Industrial AGV Vehicle designed for efficient material handling
- Smart AGV Robot with advanced navigation and control systems
- Supports Magnetic Guided AGV functionality for flexible routing

Technical Specifications

Parameter	Specification
Rotation	360-degree Spin In Place
Load Capacity	500 Kg To 2000 Kg
Power Source	Battery
Drive Power Supply	DC48V
On-the-spot Rotation Radius	600mm
Emergency Stop Switch	One In Each Corner
Comprehensive Endurance	8h
Navigation Method	Laser, QR Code, SLAM Navigation (Optional)
Operating Environment	Indoor / Warehouse / Factory Floor

Travel Speed

1.5m/s



Applications & Industries

The TIANYUE AGV Robot is an advanced Automated Guided Vehicle designed to optimize material handling and logistics processes across various industries. Certified with 3c and CE standards, this Warehouse AGV ensures safety, reliability, and compliance, making it an ideal solution for modern warehouses and manufacturing facilities.

In large-scale warehouses, the Warehouse AGV can autonomously transport goods between storage areas and shipping docks, reducing manual labor and minimizing human error. Its on-the-spot rotation radius of 600mm and travel speed of 1.5m/s allow it to navigate tight spaces and busy aisles with ease.

Manufacturing plants benefit from the TIANYUE Warehouse AGV, where it can shuttle components and finished products between production lines and storage zones. Logistics centers and distribution hubs leverage the Warehouse AGV to streamline order fulfillment processes.





HIGH QUALITY



EASY OPERATION



AFTER-SALES SERVICE

The TIANYUE AGV Robot stands out as a versatile and dependable solution for diverse material handling scenarios. Whether in warehousing, manufacturing, or logistics, this Warehouse AGV delivers precision, safety, and operational efficiency, making it an indispensable asset for forward-thinking enterprises.



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