



Two Way Power Rollers AGV Automated Guided Vehicle 1T-5T Load Customizable

Our Product Introduction

Basic Information

- Place of Origin: GUANGZHOU
- Brand Name: TIANYUE
- Certification: 3c.ce
- Model Number: TY-ZZGT-5000
- Minimum Order Quantity: 1
- Packaging Details: wooden box
- Delivery Time: 45 work days
- Payment Terms: T/T
- Supply Ability: 100

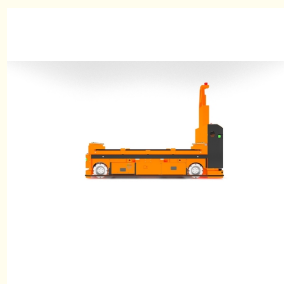


Product Specification

- Drive Mode: Mecanum Wheel
- Color: Customized
- Load: Customized
- Docking Method: Power Roller
- Size: Customized
- Docking Accuracy: $\pm 5\text{mm}$
- Power Supply: Lithium Iron Phosphate
- Motor Way: Servo Motor
- Highlight: **AGV Automated Guided Vehicle 1T, Customizable AGV Automated Guided Vehicle, 5T automated guided carts**



More Images



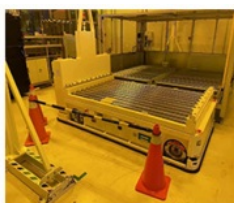
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Product Description

AGV automatic guided vehicle's heavy-duty two-way power rollers are accurately docked and driven by Mecanum. 1T-5T load

Parameter	Details
Product Name	Overload Bidirectional Roller Precise Docking AGV
Product Size	Length × Width × Height in millimeters (Customizable according to customer requirements)
Loading Mode	Portable roller
Load Capacity	1000 kg - 5000 kg (Customizable according to requirements)
Control Mode	PLC, microcontroller (Customizable according to requirements)
Guidance Mode	Laser, QR code, magnetic stripe (Customizable according to requirements)
Travel Directions	Forward, backward, left turn, right turn, bifurcation, 360° rotation, lateral movement, transverse movement, omnidirectional
Drive Mode	Mecanum wheel drive (Customizable according to requirements)
Drive Power Supply	DC 48V
Travel Speed	Straight: 0-40 meters/minute, Turning: 0-20 meters/minute
Repeat Positioning Accuracy	±5 millimeters
Allowed Floor Flatness	≤5 millimeters
Operating Mode	Continuous operation 24 hours
Climbing Ability	≤5%
Charging Mode	Online charging (side charging)
Obstacle Sensor Safety Detection Range	Detection distance: ≤3 meters (adjustable), sensor detection angle: ≤270° (adjustable), emergency braking distance: < 20 millimeters
Safety Protection	Front obstacle detection sensor, dual safety touch bumper mechanism, emergency stop switch
Alarm Mode	Audible and visual alarm, tricolor light, music horn
Working Noise	Less than 70 decibels (A)
Battery	Type: LiFePO4 battery, Voltage: 48V, Capacity: 120Ah
Design Life	Over 10 years

应用案例
Application



Guangzhou Tianyue Automation Technology Co., Ltd.



13570415240



mkliangjintian@gmail.com



roboticsagv.com

Shop 23,24-101 ,32 Lihong Bei Lu,Jiutan Cun,Huadu District,Guangzhou City,China