



Lifting Platform Mecanum Wheel Omnidirectional AGV Automated Guided Vehicle Load 1000kg High-Precision Movement

Our Product Introduction

Basic Information

- Place of Origin: GUANGZHOU
- Brand Name: TIANYUE
- Certification: 3c.ce
- Model Number: TY-FB-JSM-1000
- Minimum Order Quantity: 1
- Packaging Details: wooden box
- Delivery Time: 65 work days
- Payment Terms: T/T
- Supply Ability: 100



Product Specification

- Structure Type: Customized
- Motor Way: Servo Motor
- Drive Mode: Mecanum Wheel
- Size: Customization
- Power Supply: Lithium Iron Phosphate
- Load Weight: 1000KG
- Highlight: **AGV Automated Guided Vehicle Load 1000kg, Omnidirectional AGV Automated Guided Vehicle**



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Product Description

AGV Automated Guided Vehicle Lifting platform Mecanum wheel omnidirectional AGV, load 1000kg. High-precision movement

Lifting Omnidirectional Docking Platform AGV Technical Specifications

Item	Technical Parameters
Product Name	Lifting Omnidirectional Docking Platform AGV
Product Dimensions	L x W x H mm (customizable)
Loading Mode	Electric rigid chain structure platform lifting, lifting stroke customizable 1-2M
Load Capacity	1000KG-2000KG (customizable)
Control Mode	PLC, Microcontroller (customizable)
Navigation Mode	Laser, QR code, Magnetic tape (customizable)
Travel Direction	Forward, backward, left turn, right turn, bifurcation, 360° rotation, lateral, transverse, omnidirectional
Drive Mode	Mecanum wheel drive
Drive Steering Power	1000W * 4
Drive Power Supply	DC 48V
Travel Speed	Straight: 0-40 m/min, Turning: 0-20 m/min
Repeat Positioning Accuracy	±5mm
Allowed Surface Flatness	≤5 mm
Working Mode	Can work continuously for 24 hours
Climbing Ability	≤5%
Charging Mode	Online charging (side charging)
Obstacle Sensor Safety Sensing Range	Detection distance: ≤3 m (adjustable), Sensor detection angle: ≤270° (adjustable), Emergency braking distance: < 20 mm
Safety Protection	Front obstacle detection sensor, dual protection safety edge anti-collision mechanism, emergency stop switch
Alarm Mode	Audible and visual alarm, tri-color light, musical horn
Working Noise	Below 70 dB (A)
Battery	Type: Lithium iron phosphate battery, Voltage: 48V, Capacity: 200Ah (customizable)
Design Life	>10 years



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