



Customized Lifting AGV Automatic Guided Vehicle With All-Round Mecanum Wheel Drive Precise Docking Load 1500KG

Our Product Introduction

Basic Information

- Place of Origin: GUANGZHOU
- Brand Name: TIANYUE
- Certification: 3c.ce
- Model Number: TY-FB-JSM-1500
- Minimum Order Quantity: 1
- Packaging Details: wooden box
- Delivery Time: 50 work days
- Payment Terms: T/T
- Supply Ability: 100



Product Specification

- Motor Way: Servo Motor
- Drive Mode: Mecanum Wheel
- Docking Mod: Telescopic Lift Docking
- Size: Customization
- Power Supply: Lithium Iron Phosphate
- Appearance: Customization
- Load Weight: 1500KG
- Highlight: Load 1500KG AGV Automatic Guided Vehicle, Customized Lifting AGV Automatic Guided Vehicle



More Images



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Product Description

AGV automatic guided vehicle with all-round mecanum wheel drive, precise docking load 1500KG, customized lifting

Technical Parameters

Item	Technical Parameters
Product Name	Mecanum Wheel Omni-directional Lifting AGV
Product Dimensions	Length x Width x Height mm (customizable)
Loading Mode	Lift and dock, lifting height 1 meter (customizable)
Rated Load	1500kg (customizable)
Lifting Mechanism	Electric rigid chain or electric hydraulic (customizable)
Control Mode	PLC, microcontroller (customizable)
Navigation Mode	Laser, QR code, magnetic tape (customizable)
Driving Directions	Forward, backward, left turn, right turn, divergence, 360° rotation, lateral, transverse
Drive Mode	Mecanum wheel drive
Drive Power	750W * 4
Drive Power Supply	DC 48V
Travel Speed	Straight: 0-40 meters/minute, Turning: 0-20 meters/minute
Repeat Positioning Accuracy	±5mm
Allowed Floor Flatness	≤5mm
Operating Mode	Can operate continuously for 24 hours
Climbing Ability	≤5%
Charging Mode	Online charging (side charging)
Obstacle Sensor Safety Range	Detection distance: ≤3 meters (adjustable), Sensor detection angle: ≤270° (adjustable), Emergency braking distance: < 20mm
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
Applicable Industries	Assembly manufacturing
Battery	Type: Lithium iron phosphate battery, Voltage: 48V, Capacity: 100Ah
Design Life	>10 years



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