



Load 1000-5000KG AGV Automated Guided Vehicle Mecanum Wheel Omnidirectional Platform

Our Product Introduction

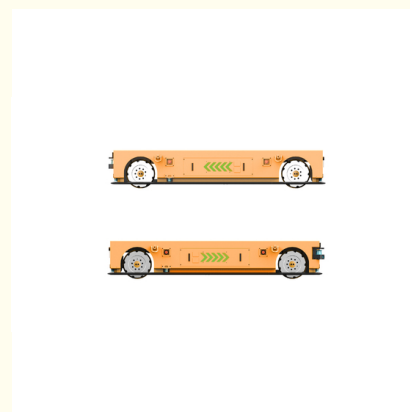
Basic Information

- Place of Origin: GUANGZHOU
- Brand Name: TIANYUE
- Certification: 3c.ce
- Model Number: TY-PT-01
- 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
- Load Weight: 1000-5000KG
- Size: Customized
- Customized Way: As Requested
- Power Supply: Lithium Iron Phosphate
- Highlight: **load 5000KG Automated Guided Vehicle, load 5000KG AGV Vehicle, Omnidirectional Platform AGV Vehicle**



More Images



for more products please visit us on roboticsagv.com

Product Description

AGV Automated Guided Vehicle Mecanum wheel omnidirectional platform AGV, load 1000-5000KG, customized

Technical Parameters for Mecanum Wheel All-Directional Platform AGV

Parameter	Details
Product Name	Mecanum Wheel All-Directional Platform AGV
Product Dimensions	Length × Width × Height (customizable according to customer requirements)
Loading Mode	Precise docking lifting, lifting stroke customizable up to 50mm for rolls
Load Capacity	1000KG-5000KG (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, fork, 360° rotation, lateral movement, translation, omnidirectional
Drive Mode	Mecanum wheel drive
Drive Power	DC 48V
Travel Speed	Linear: 0-40 m/min, Turning: 0-20 m/min
Repeat Positioning Accuracy	±5mm
Allowable Road Surface Flatness	≤5 mm
Operating Mode	Continuous operation for 24 hours
Climbing Ability	≤5%
Charging Mode	Online charging (side charging)
Obstacle Sensor Safety Range	Detection distance: ≤3 m (adjustable), sensor detection angle: ≤270° (adjustable), emergency braking distance: < 20 mm
Safety Protection	Front obstacle detection sensor, double protection safety touch edge collision prevention mechanism, emergency stop switch
Alarm Form	Audible and visual alarm, tri-color light, horn
Operating Noise	Less than 70 dB (A)
Battery	Type: Lithium Iron Phosphate Battery, Voltage: 48V, Capacity: customizable
Design Life	>10 years



应用案例
Application



重型机械制造半成品转运应用
Application in heavy machinery manufacturing semi-finished transport system





汽车总成车间搬运应用
Application in car assembly line



印刷行业转运应用
Application in printing industry transport system



 13570415240  mkliangjintian@gmail.com  roboticsagv.com

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