



Precise Docking Warehouse AGV Automation For Heavy Duty Coil Materials Load 1T-10T

Our Product Introduction

Basic Information

- Place of Origin: GUANGZHOU
- Brand Name: TIANYUE
- Certification: 3c.ce
- Model Number: TY-ZZJL-MJ1500
- Minimum Order Quantity: 1
- Packaging Details: wooden box
- Delivery Time: 60 work days
- Payment Terms: T/T
- Supply Ability: 100



Product Specification

- Motor Way: Servo Motor
- Drive Mode: Mecanum Wheel
- Size: Customization
- Power Supply: Lithium Iron Phosphate
- Load Weight: 1500KG
- Highlight: **Precise Docking warehouse agv automation,
Precise Docking heavy duty agv,
10T heavy duty agv**



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Product Description

AGV Automated Guided Vehicle Precise docking of heavy-duty coil materials, dual or four steering wheels, load 1T-10T

Technical Parameters

Item	Technical Parameters
Product Name	Omnidirectional Coil Material Docking Lift Platform AGV
Product Dimensions	L x W x H mm (Customizable)
Loading Mode	High-precision docking lift, coil material docking transport
Load Capacity	1500KG (Customizable)
Control Mode	PLC, Microcontroller (Customizable)
Guidance Mode	Laser, QR Code, Magnetic Strip (Customizable)
Travel Directions	Forward, Backward, Left Turn, Right Turn, Branching, 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, Turn: 0-20 m/min
Repeat Positioning Accuracy	±5mm
Allowed Ground 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, dual safety edge collision prevention mechanism, emergency stop switch
Alarm Mode	Audible and visual alarm, tri-color light, music horn
Working Noise	Below 70 dB (A)
Battery	Type: Lithium Iron Phosphate, Voltage: 48V, Capacity: 150Ah (Customizable) as required
Design Life	>10 years

应用案例 Application



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