

Load 1T Combined Single Lift Backpack Industrial AGV Trolley Customization

Our Product Introduction

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Basic Information

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



Product Specification

- Motor Way: Servo Motor
- Drive Mode: Dual Steering Wheel Drive
- Docking Mod: Back Lift
- Size: Customization
- Power Supply: Lithium Iron Phosphate
- Load Weight: 1000KG
- Highlight: **1T AGV Trolley, 1T Industrial AGV, Customization AGV Trolley**



More Images



Product Description

AGV Automated Guided Vehicle Combined single-lift backpack AGV, with docking adjustment XY slide, load 1T

Project	Technical Parameters
Product Name	Single Lifting and Loading AGV
Product Dimensions	L x W x H mm (Customizable)
Loading Mode	Single Lifting Platform, X ± 120 mm, Y ± 50 mm, Rotation $\pm 2^\circ$
Load Capacity	1000 KG (Customizable)
Control Mode	PLC, Single Chip (Customizable)
Guidance Mode	Laser, QR Code, Magnetic Strip (Customizable)
Travel Directions	Forward, Reverse, Left Turn, Right Turn, Fork, 360° Rotation, Translation, Horizontal Movement, Omnidirectional
Drive Mode	Dual-Steering Wheel Drive
Drive Power Supply	DC 48V
Travel Speed	Linear: 0-40 m/min, Turning: 0-20 m/min
Repeat Positioning Accuracy	± 5 mm
Allowable Road Surface Flatness	≤ 5 mm
Operation Mode	Continuous 24-Hour Operation
Climbing Ability	$\leq 5\%$
Charging Mode	Online Charging (Side Charging)
Obstacle Sensor Safety Sensing Range	Detection Distance: ≤ 3 m (Adjustable), Sensor Detection Angle: $\leq 270^\circ$ (Adjustable), Emergency Braking Distance: < 20 mm
Safety Protection	Front Obstacle Detection Sensor, Dual Protection Safety Bumper, Emergency Stop Switch
Alarm Form	Audible and Visual Alarm, Three-color Lamp, Music Horn
Working Noise	Below 70 dB (A)
Battery	Type: Lithium Iron Phosphate Battery, Voltage: 48V, Capacity: 210Ah
Design Life	> 10 Years



应用案例
Application

汽车总成组装线应用
Application in car assembly line

汽车悬挂与车身合装应用
Application automotive suspension and body assembly line

汽车动力总成合装应用
Application in whole synthesis of automotive power



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