



## 80kg Load Intelligent Guided Vehicle For Long Distance Forklift Panel Docking And Transportation

Our Product Introduction

### Basic Information

- Place of Origin: GUANGZHOU
- Brand Name: TIANYUE
- Certification: 3c.ce
- Model Number: TY-MS-D-80
- Minimum Order Quantity: 1
- Packaging Details: wooden box
- Delivery Time: 50 work days
- Payment Terms: T/T
- Supply Ability: 100

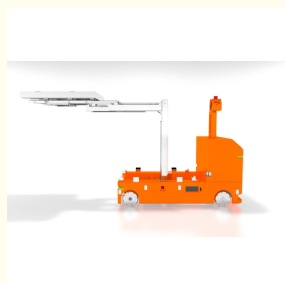


### Product Specification

- Motor Way: Servo Motor
- Drive Mode: Mecanum Wheel
- Docking Mod: Telescopic Lift Docking
- Size: Customization
- Power Supply: Lithium Iron Phosphate
- Appearance: Customization
- Load Weight: 80kg
- Highlight: **80kg load Intelligent Guided Vehicle,  
80kg load smart cart agv,  
Long Distance Intelligent Guided Vehicle**



### More Images



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## Product Description

AGV Automated Guided Vehicle High-precision forward extended lift omnidirectional AGV, long-distance fork take panel dock

Project	Technical Parameters
Product Name	Omnidirectional Side-moving Fork Extension Platform AGV
Product Dimensions	L x W x H mm (customizable)
Loading Mode	Forward-moving extendable platform fork to pick up goods, extension length 1500mm, lifting height 1500mm (customizable)
Load Capacity	80KG (customizable)
Design	Custom design
Control Mode	PLC, Microcontroller (customizable)
Guidance Mode	Laser, QR code, Magnetic stripe (customizable)
Travel Direction	Forward, Backward, Left turn, Right turn, Fork, 360° rotation
Drive Mode	Mecanum wheel drive
Drive Power	750W * 4
Mecanum Wheel Size	11 inches * 4
Drive Power Supply	DC 48V
Travel Speed	Straight: 0-40 m/min, Turn: 0-20 m/min
Repeat Positioning Accuracy	±5mm
Permissible Road Surface Flatness	≤5 mm
Working Mode	Can work continuously for 24 hours
Climbing Ability	≤5%
Charging Mode	Online charging (side charging)
Obstacle Sensor Safety Detection Range	Detection distance: ≤3 m (adjustable), Sensor detection angle: ≤270° (adjustable), Emergency stop distance: < 20 mm
Safety Protection	Front obstacle detection sensor, Dual safety edge anti-collision mechanism, Emergency stop switch
Alarm Mode	Audible and visual alarm, Three-color light, Music horn
Applicable Industries	Semiconductor, 3C electronics, Photovoltaic
Battery	Type: Lithium iron phosphate battery, Voltage: 48V, Capacity: 80Ah
Design Life	>10 years



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