



## AGV Automated Guided Vehicle Omnidirectional Double-Conveying SMT Type AGV Load 50KG For SMT Materials

Our Product Introduction

### Basic Information

- Place of Origin: GUANGZHOU
- Brand Name: TIANYUE
- Certification: 3c.ce
- Model Number: TY-FB-SMT-50
- 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: Conveyor
- Size: Customization
- Power Supply: Lithium Iron Phosphate
- Appearance: Customization
- Load Weight: 50kg
- Application: SMT
- Highlight: **Omnidirectional AGV Automated Guided Vehicle**  
**, 50KG Load AGV Automated Guided Vehicle**



### More Images



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## Product Description

AGV Automated Guided Vehicle Omnidirectional double-conveying SMT type AGV, load 30-50KG, for SMT materials

Item	Technical Parameters
Product Name	Dual-Belt Conveyor SMT Type AGV
Product Dimensions	Length X * Width X * Height X mm (according to actual design)
Product Color	Specified by the customer color plate
Load Mode	Dual-station docking mode for SMT machine docking
Load Capacity	50kg (the friction coefficient between the ground and polyurethane is not less than 0.5)
Control Mode	As per customer requirements
Guidance Mode	Laser guidance
Driving Directions	Forward, Backward, Left Turn, Right Turn, Divergence, Lateral Move, Horizontal Move
Communication Mode	As per customer requirements
Driving Mode	Mecanum wheel drive
Drive Power Supply	DC 48V
Traveling Speed	Straight: 0-40m/min, Turn: 0-20m/min
Turning Radius	≥800mm
Allowable Floor Flatness	≤5mm
Operating Mode	Can operate continuously for 24 hours
Climbing Ability	≤3%
Charging Mode	Online charging (side charging)
Obstacle Sensor Safety Range	Detection distance ≤3m (adjustable), Sensor detection angle ≤270° (adjustable), Emergency braking distance < 20mm
Safety Protection	Front obstacle detection sensor + dual safety edge anti-collision mechanism + emergency stop switch
Alarm Forms	Sound and light alarm
Working Noise	Normal operation less than 70dB(A)
Battery	48V 60Ah lithium battery
Design Life	>10 years

This AGV is used to transport PCB material frames and transport them to the designated loading/unloading machine to realize the recycling of empty PCB material frames and the transportation of full material frames. It is highly flexible and equipped with an intelligent logistics scheduling system and is connected with the ERP system to realize intelligent distribution, turnover, warehousing and other operations of parts, semi-finished products and finished products.



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