

## 50KG Load AGV Automated Guided Vehicle Full Front-Moving Fork Picks Up LCD Panels Dust-Free Working Environment

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: TY
- Certification: CE、3C
- Model Number: TY-MAS-MQ-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: Telescopic Lift Docking
- Size: Customization
- Power Supply: Lithium Iron Phosphate
- Appearance: Customization
- Load Weight: 50kg
- Shell Material: Stainless Steel
- Highlight: **50KG Load AGV Automated Guided Vehicle, LCD Panels AGV Automated Guided Vehicle**



### More Images

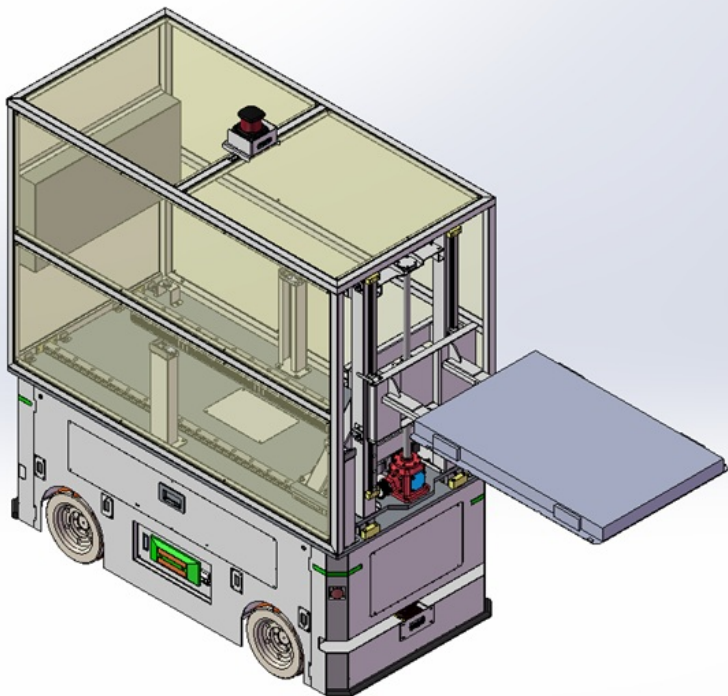


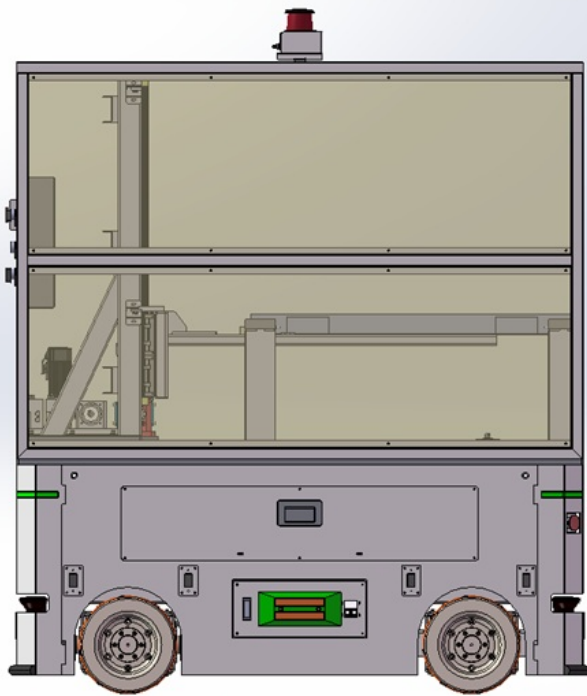
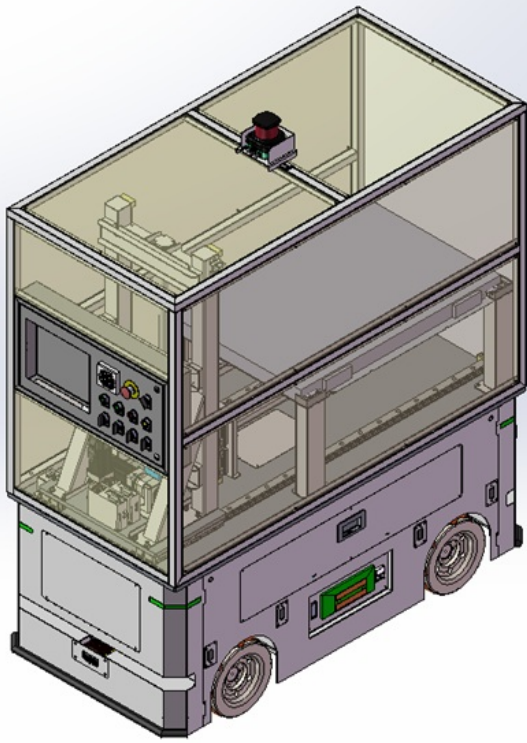
## Product Description

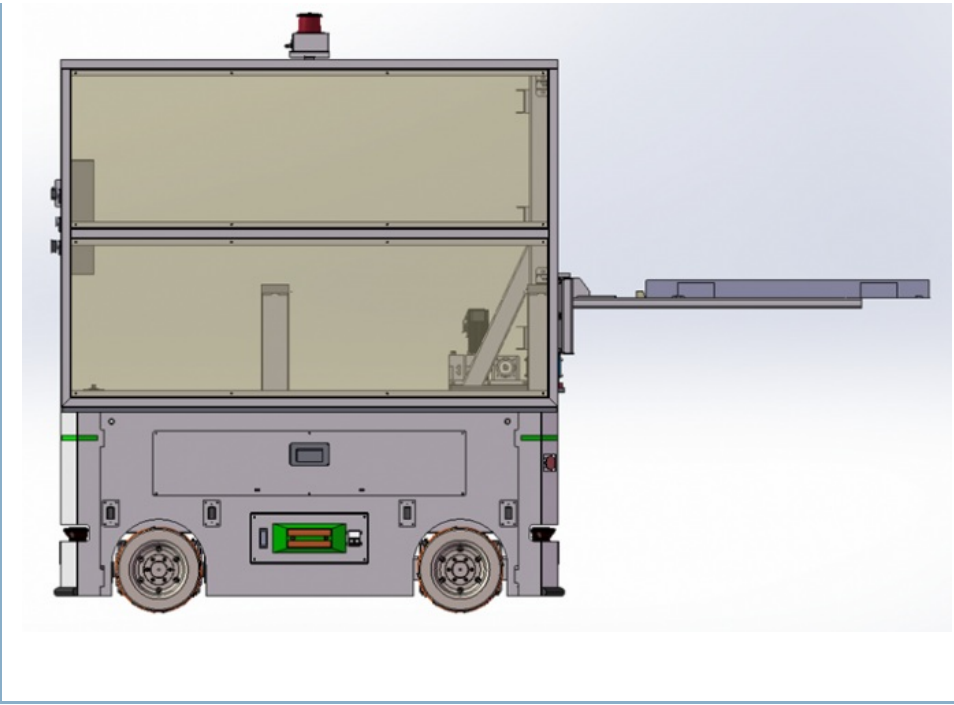
### Technical Specifications (Customizable)

Item	Technical Specifications
Product Name	Omni-directional Forward-moving Lift Fork AGV
Product Size	Length 1500 * Width 720 * Height 1810mm (according to actual design)
Product Color	As per customer-specified color palette
Cargo Mode	Front fork lift (with telescopic mechanism), forward-moving lift fork, lifting height travel 800mm
Lifting Range	Minimum fork arm 950mm; maximum 1550mm
Rated Load	50kg (friction coefficient between ground and polyurethane $\geq 0.5$ )
Telescopic Range	1120mm
Control Mode	Balance mechanism controlled by PLC
Navigation Mode	Laser navigation
Driving Directions	Forward, backward, left turn, right turn, diverging, lateral movement, horizontal movement
Communication Mode	According to customer requirements
Drive Mode	Mecanum wheel drive
Drive Power	400W*4
Wheel Size	8 inches
Drive Power Supply	DC 48V
Travel Speeds	Straight: 0-40m/min, Turning: 0-20m/min
Turning Radius	$\geq 800$ mm
Allowable Floor Smoothness	$\leq 5$ mm
Operating Mode	Continuous operation 24 hours
Climbing Ability	$\leq 3\%$
Charging Mode	Online charging (side charging)
Obstacle Sensor Safety Range	Detection distance $\leq 3$ m (adjustable), sensor detection angle $\leq 270^\circ$ (adjustable), emergency braking distance $< 20$ mm
Safety Protection	Front obstacle detection sensor + dual safety edge collision prevention mechanism + emergency stop switch
Alarm Form	Audible and visual alarm
Operating Noise	Normal operation less than 70dB(A)
Battery	48V 60Ah lithium battery

These technical specifications provide detailed information about the product's dimensions, functions, performance, and safety features, customizable to meet various application needs.







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