



Mecanum Wheel industrial AGV robot Energy Storage Battery Docking Load 1000KG

Our Product Introduction

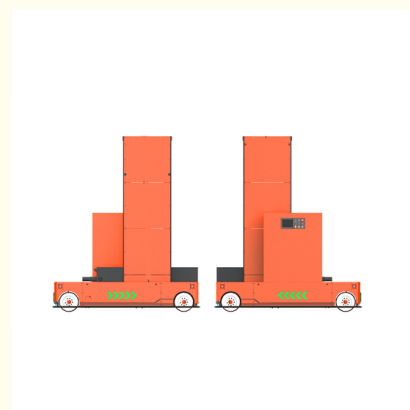
Basic Information

- Place of Origin: GUANGZHOU
- Brand Name: TIANYUE
- Certification: 3c.ce
- Model Number: TY-FB-MCN-1000
- 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: Mecanum Wheel
- Docking Mod: Telescopic Lift Docking
- Size: Customization
- Power Supply: Lithium Iron Phosphate
- Appearance: Customization
- Load Weight: 1000KG
- Highlight: Mecanum Wheel industrial AGV robot,
1000KG industrial AGV robot,
1000KG auto guided vehicle



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Product Description

AGV Automated Guided Vehicle Omnidirectional energy storage battery docking, high precision, load 1000KG, Mecanum wheel

No.	Item	Unit	Design Value
Machine Characteristics			
1	Product Model		WJ10
2	Navigation Mode		Color Tape + QR Code
3	Rated Load (Q)	kg	1000
4	Self Weight (with battery)	kg	4800
5	Travel Brake		Electromagnetic
6	Tire Type		Mecanum Wheel
7	Number of Wheels		4
Dimension Parameters			
8	Lifting Stroke (h2)	mm	2290
9	Overall Length (excluding edge) (L)	mm	2700
10	Overall Width (excluding edge) (W)	mm	2800
11	Overall Height (excluding edge) (h3)	mm	3300
12	Wheelbase (Y)	mm	2155
13	Wheel Track (b1)	mm	2515
14	Minimum Ground Clearance (m)	mm	80
15	Horizontal Angle Adjustment	°	±1
16	Minimum Turning Radius (Ast)	mm	1925
Performance Parameters			
17	Max Forward Speed (unloaded/loaded)	km/h	3/2.5
18	Max Side Speed (unloaded/loaded)	km/h	2.5/2.0
19	Max Lifting Speed (unloaded/loaded)	mm/s	55/55
20	Max Gradeability	%	3
21	Diagonal Dimension (A)	mm	3850
Others			
22	Battery Specifications	V/Ah	48/300

FUNCTION DESCRIPTION

1. The use of Mecanum wheel four-wheel drive can realize the movement function in any direction in a two-dimensional plane, including straight, horizontal, diagonal, arbitrary curve movement, small turning radius steering and other omnidirectional movement forms;
2. Alarm function: The equipment is equipped with a low battery alarm function, as well as system fault diagnosis and battery display functions;
3. Status display function: The device status is displayed on the device control panel display, and fault information can be displayed;
4. In order to achieve precise docking of goods, the power lifting mechanism has functions such as left and right, front and rear angle adjustment, push-out pressure detection, etc.; this equipment is suitable for high-precision, fast-paced operations such as energy storage cabinet packing.



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