



Intelligent Unmanned Forklift with 1000KG Load Capacity and Automatic Docking Charging Featuring Obstacle Detection Emergency Stop

Our Product Introduction

Basic Information

- Brand Name: TIANYUE
- Certification: 3c.ce
- Minimum Order Quantity: 1 Sets
- Price: Negotiable
- Packaging Details: Wooden Box
- Delivery Time: 30-40 Working Days
- Payment Terms: L/C,T/T
- Supply Ability: 10 Pieces/month



Product Specification

- Pallet Type: Cross Character / Field Character
- Comprehensive Range: 8Hours
- Environmental Temperature And Humidity Range: Temperature: 0 ~50 / Humidity: 10%~90%, Non-compressed Condensation
- Load Capacity: 1000KG
- Charging method: Automatic Docking Charging
- Minimum Turning Radius: 916 Mm
- Product name: Laser SLAM Material Handling Robot
- Power Supply: Lithium Iron Phosphate
- Highlight: **1000KG Load Capacity Intelligent Unmanned Forklift**
Automatic Docking Charging Heavy Duty Forklift Truck
Obstacle Detection Emergency Stop Laser SLAM Material Handling Robot



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Intelligent Unmanned Forklift with Automatic Docking Charging



The Intelligent Unmanned Forklift represents a cutting-edge solution designed to revolutionize warehouse logistics and material handling operations. Engineered with advanced technology and robust features, this Heavy Duty Forklift Truck offers unparalleled efficiency, safety, and adaptability for modern industrial environments.

Advanced Navigation Technology

At the core of this forklift is state-of-the-art navigation technology combining LiDAR and vision-based SLAM (Simultaneous Localization and Mapping). This sophisticated system enables autonomous navigation through complex warehouse layouts with exceptional precision. LiDAR sensors provide accurate spatial mapping by detecting obstacles and measuring distances, while vision-based SLAM uses camera data to create detailed maps and recognize dynamic environmental changes.

Comprehensive Safety Features

Safety is paramount in material handling operations. This forklift is equipped with obstacle detection systems that continuously monitor surroundings to identify potential hazards in real-time. If an obstacle is detected, the forklift automatically slows down or stops to prevent collisions. An integrated emergency stop function allows for immediate halting of operations when necessary, ensuring reliable performance in busy warehouse environments.

Efficient Power Supply

Powered by a high-performance lithium iron phosphate battery, this forklift provides longer operational hours between charges, faster charging times, and improved thermal stability compared to traditional batteries. This advanced power source offers enhanced safety and environmental benefits, making the forklift both reliable and sustainable for demanding warehouse shifts.



Product Features

- Product Name: Intelligent Unmanned Forklift
- Comprehensive Range: 8 Hours
- Navigation Technology: LiDAR and Vision-based SLAM
- Also Known As: Laser SLAM Material Handling Robot
- Safety Features: Obstacle Detection and Emergency Stop
- Power Supply: Lithium Iron Phosphate Battery
- Heavy Duty design for robust material handling
- Advanced autonomous navigation capabilities



Technical Specifications

Product Name	Laser SLAM Material Handling Robot
Application	Warehouse Logistics And Material Handling
Driving Speed	1.1 M/s
Pallet Type	Cross Character / Field Character
Overall Vehicle Dimensions	1522 X 1200 X 861 Mm
Color	Customized
Load Capacity	1000KG
Comprehensive Range	8 Hours
Environmental Temperature and Humidity Range	Temperature: 0 ~50 / Humidity: 10%~90%, Non-compressed Condensation
Charging Method	Automatic Docking Charging

Applications

The TIANYUE Intelligent Unmanned Forklift is an advanced solution designed to revolutionize warehouse logistics and material handling. Certified with 3c.ce, this Heavy Duty Forklift Truck offers unmatched efficiency and reliability in various industrial environments.

With a lifting height of 290 mm and comprehensive working range of up to 8 hours, this forklift is perfectly suited for continuous heavy-duty tasks. It excels in environments where material transport and stacking need to be performed seamlessly without human intervention, reducing labor costs and minimizing risks associated with manual forklift operations.

Customization options including color allow the TIANYUE Intelligent Unmanned Forklift to be tailored to specific corporate branding or facility requirements. Ideal for automated warehouses, smart factories, cold storage logistics, and any scenario where efficiency,

safety, and precision are critical.

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