

Intelligent Unmanned Forklift with Laser RFID Navigation System 300KG Load Capacity and Polyurethane Tires for Warehouse Operations

Our Product Introduction

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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: 100 Pieces/month



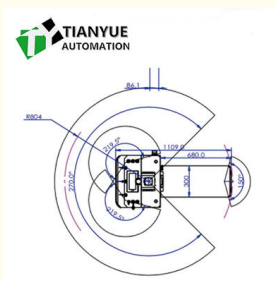
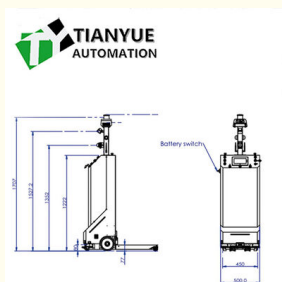
Product Specification

- Navigation System: Laser/RFID
- Communication interface: Wi-Fi And 4G LTE
- Operating speed: 0.8m/s-1.4m/s
- Product name: Single Fork Arm Unmanned Forklift
- Battery type: Lithium Iron Phosphate Battery
- Appearance: Customization
- Obstacle avoidance: Advanced Real-time Obstacle Detection And Avoidance
- Battery Voltage: 48V/23Ah
- Highlight: **Laser RFID Navigation System Intelligent Unmanned Forklift**

300KG Load Capacity Heavy Duty Forklift Truck, Polyurethane Tires Single Fork Arm Unmanned Forklift



More Images



Product Description

Single Fork Arm Unmanned Forklift

Advanced automated material handling solution designed for warehouse operations with ambient temperature range of 0°C to 40°C



Product Overview

The Single Fork Arm Unmanned Forklift is an innovative automated solution that revolutionizes material handling in warehouses, factories, and distribution centers. This heavy duty forklift combines cutting-edge technology with robust engineering to deliver unmatched efficiency, safety, and reliability for industrial applications requiring precision automation.

Engineered with a 300KG load capacity, the forklift offers versatile drive system options including Mecanum wheels for omnidirectional movement in tight spaces or traditional steering wheel configuration. The durable polyurethane tires ensure smooth operation, reduced noise levels, and long-lasting performance across various surfaces.

Advanced connectivity features including Wi-Fi and 4G LTE interfaces enable seamless integration with warehouse management systems and industrial IoT networks, supporting real-time data transmission and remote monitoring capabilities.

Key Features

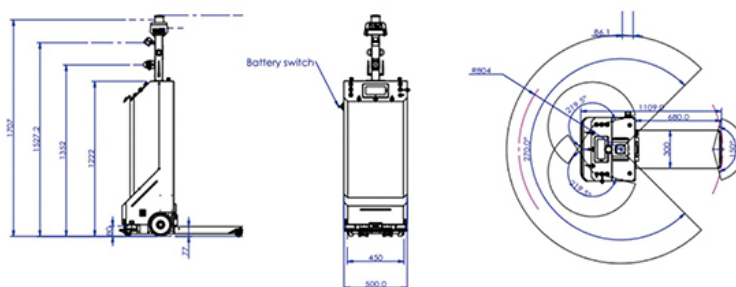


TIANYUE
AUTOMATION



- Intelligent Unmanned Forklift with Single Fork Arm design
- Advanced LiDAR and Vision-based SLAM navigation technology
- Integrated Laser and RFID navigation system
- Real-time obstacle detection and avoidance
- Durable polyurethane tires for long-lasting performance
- Heavy duty construction for demanding industrial environments
- Efficient material handling with autonomous operation
- Robust design for heavy lifting applications

Technical Specifications



Product Name	Single Fork Arm Unmanned Forklift
Load Capacity	300KG
Operating Speed	0.8m/s - 1.4m/s
Driving Speed	1.4m/s
Tire Type	Polyurethane
Navigation Technology	LiDAR and Vision-based SLAM

Navigation System	Laser/RFID
Battery Voltage	48V/23Ah
Size & Appearance	Customized

Applications & Benefits

The TIANYUE Intelligent Unmanned Forklift is ideal for warehouses, manufacturing plants, logistics centers, and distribution hubs where efficiency and precision are paramount. With $\pm 10\text{mm}$ positioning accuracy, the forklift ensures safe and accurate transportation of goods while reducing human error and enhancing operational productivity.

Advanced communication interfaces enable seamless integration into automated systems, supporting continuous operation and real-time data exchange in large-scale facilities. The 48V/23Ah battery provides extended operational time, making it suitable for demanding work cycles.

This heavy duty forklift truck is particularly beneficial in challenging environments such as cold storage facilities, clean rooms, and chemical plants where manual operation presents safety concerns. The intelligent unmanned design significantly reduces labor costs while improving safety and efficiency in material handling operations.



HIGH QUALITY



EASY OPERATION



AFTER-SALES SERVICE



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