



## Intelligent Unmanned Forklift with 1500KG Load Capacity, Lithium Iron Phosphate Battery, and 1335mm Minimum Passage Width

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: 100 Pieces/month



### Product Specification

- Power Supply: Lithium Iron Phosphate
- Minimum Passage Width: 1335mm
- Motor Way: Servo Motor
- Load Weight: 1500KG
- Maximum Lifting Height: 100mm
- Vehicle Body Weight: 350KG
- Communication Interface: Wi-Fi And 4G LTE
- Vehicle Body Dimensions: 1640/935/1955
- Highlight:
  - 1500KG Load Capacity Intelligent Unmanned Forklift
  - Lithium Iron Phosphate Battery Heavy Duty Forklift Truck
  - 1335mm Minimum Passage Width Automated Guided Forklift



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## Intelligent Unmanned Forklift Truck



The Intelligent Unmanned Forklift is an advanced material handling solution designed to revolutionize warehouse and industrial operations. Combining cutting-edge automation technology with robust engineering, this Heavy Duty Forklift Truck offers exceptional efficiency, safety, and reliability for a wide range of heavy lifting tasks.

### Advanced Design & Construction

Measuring 1640mm in length, 935mm in width, and 1955mm in height, the vehicle body dimensions are optimized to navigate through tight spaces while maintaining stability during heavy load transportation. With a substantial vehicle body weight of 350KG, the forklift ensures durability and robustness necessary for industrial environments.

### High-Performance Power System

Powered by a high-performance Lithium Iron Phosphate battery with 24V105Ah capacity, this forklift offers extended operating hours, reduced downtime, and increased productivity. The battery technology guarantees enhanced safety, thermal stability, and longer lifespan compared to traditional battery types.

### Intelligent Navigation & Control

With a minimum passage width requirement of just 1335mm, the forklift efficiently navigates narrow aisles and confined spaces. The intelligent control system provides precise maneuverability, enabling smooth turns and accurate positioning even in challenging environments.



## Key Features

- Product Name: Intelligent Unmanned Forklift
- Forklift Attachments: Customized to meet specific operational needs
- Maximum Lifting Height: 100mm for precise handling
- Maximum Speed: 1.5m/s ensuring efficient transport
- Control Mode: Fully Autonomous with Remote Monitoring capabilities
- Motor Type: High-performance Servo Motor
- Heavy Duty construction for robust industrial applications
- Reliable automation technology combining efficiency and strength



### Technical Specifications

Parameter	Specification
Product Model	TY-CC-0001
Vehicle Dimensions	Length 1640mm * Width 935mm * Height 1955mm
Rated Load	1500KG
Lifting Height	95±5mm
Vehicle Self-weight	350KG
Navigation Method	2D Laser SLAM / 3D Laser SLAM
Drive Form	Single Steering Wheel
Pallet Type	Chuanzi / Rack
Driving Mode	Automatic / Manual
Rotational Diameter	300mm
Minimum Passage Width	1335mm
Navigation Position Accuracy	±10mm
Angular Accuracy	±1°
Operating Speed	1.5m/s
Battery Capacity	24V105Ah

Battery Type	Lithium Iron Phosphate
Idle Running Time	8h~10h
Full Load Running Time	6h~8h
Charging Time	2h
Charging Method	Manual / Automatic Charging
Obstacle Avoidance Method	Obstacle Avoidance Lidar Sensor

## Industrial Applications

The TIANYUE Intelligent Unmanned Forklift is certified with 3C and CE standards and is ideal for large warehouses, manufacturing plants, logistics centers, distribution hubs, port logistics, and cold chain operations. Its intelligent navigation, heavy-duty capabilities, and customizable features make it perfect for enterprises looking to upgrade their material handling systems with reliable and innovative technology.





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