

Intelligent Unmanned Forklift with LiDAR And Vision-based SLAM Navigation 1.2m/s Operating Speed and 48V/300Ah Battery Capacity

Our Product Introduction

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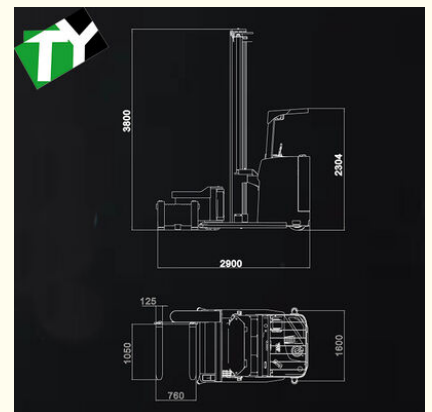
Basic Information

- Brand Name: TIANYUE
- Certification: 3c.ce
- Minimum Order Quantity: 1 Sets
- Price: Negotiable
- Packaging Details: Regular Packaging
- Delivery Time: 30-40 working Days
- Payment Terms: L/C,T/T
- Supply Ability: 100 pieces/month



Product Specification

- Positioning Accuracy: $\pm 10\text{mm}$
- Navigationsystem: LiDAR And Vision-based SLAM
- Motor Way: Servo Motor
- Operatingspeed: 1.2m/s
- Operating Temperature: $0^{\circ}\text{--}40^{\circ}$
- Load: 1-3T
- Battery Capacity: 48V/300Ah
- Endurance Time: 8h
- Highlight: **LiDAR And Vision-based SLAM Navigation
Intelligent Unmanned Forklift**
**1.2m/s Operating Speed Heavy Duty Forklift
Truck**
**48V/300Ah Battery Capacity Automated Guided
Forklift**



More Images



LiDAR And Vision-based SLAM Navigation System Equipped Intelligent Unmanned Forklift



Advanced Automated Material Handling Solution

This state-of-the-art Heavy Duty Forklift Truck revolutionizes material handling with advanced automation technology. Featuring a maximum lifting height of 6 meters, it handles palletized goods and heavy loads across manufacturing, distribution, and storage sectors.

Key Features

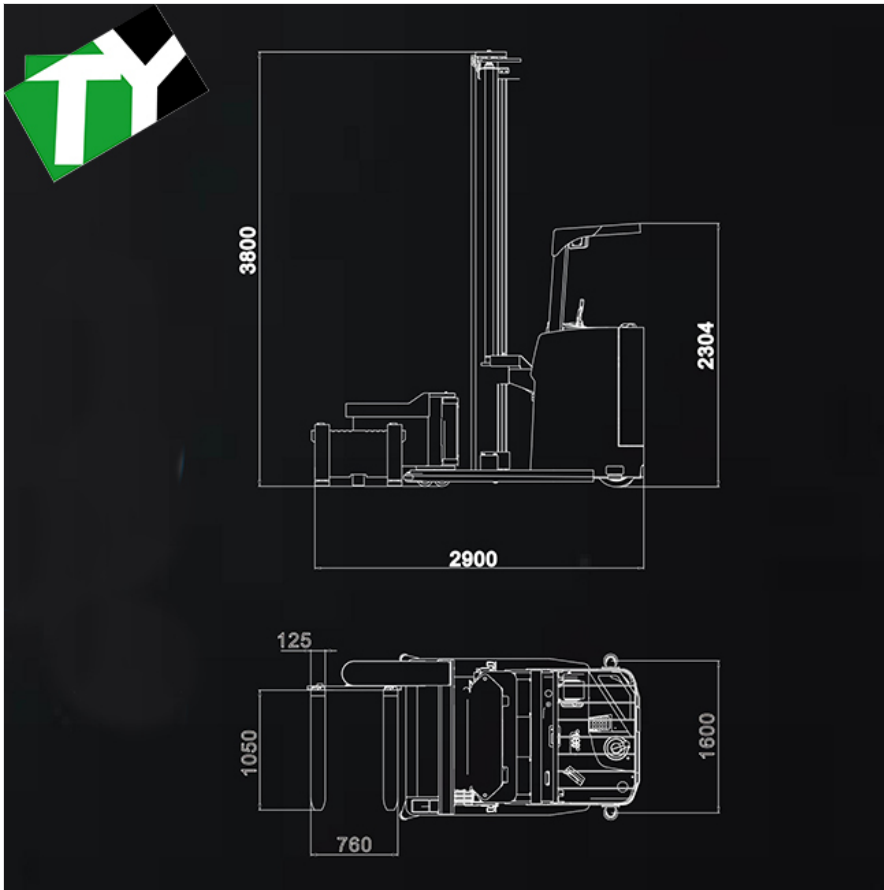
Advanced Navigation: LiDAR and vision-based SLAM technology for precise autonomous movement

Safety Protection: Laser scanning system for obstacle detection and collision prevention

Dual Connectivity: Wi-Fi and 5G LTE interfaces for real-time monitoring and control

Robust Performance: 1-3 ton load capacity with 48V/300Ah battery for extended operation

Wide Temperature Range: Operates reliably from 0°C to 40°C



Technical Specifications

Parameter	Specification
Operating Speed	1.2 m/s
Load Capacity	1-3 T
Battery Capacity	48V/300Ah
Endurance Time	8 h
Motor Type	Servo Motor
Maximum Lifting Height	6 m
Power Supply	Lithium Iron Phosphate



Industrial Applications

This intelligent forklift excels in demanding environments including:

- Large-scale warehouses and distribution centers
- Automotive manufacturing facilities
- Port operations and logistics hubs
- E-commerce fulfillment centers
- Cold storage facilities

With $\pm 10\text{mm}$ positioning accuracy and advanced communication interfaces, it integrates seamlessly with warehouse management systems for optimized material handling workflows.



HIGH QUALITY



EASY OPERATION



AFTER-SALES SERVICE



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