



Intelligent Unmanned Forklift with LiDAR and Vision-Based SLAM Navigation, Full Load Climbing Ability 5%, and Accurate Positioning $\pm 10\text{mm}/\pm 1^\circ$

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

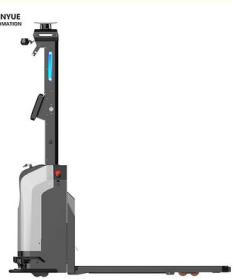


Product Specification

- Narrow Alley And Wide Road: 2210mm
- Ambient Temperature Range: 0°-50°
- Controlmode: Fully Autonomous With Remote Monitoring
- Drive: Mecanum Wheel Or Steering Wheel
- Full Load Climbing Ability: 5%
- Dimensions: L*W*H 1736*977*1985mm
- Rotational Radius: 1350mm
- Accurate Positioning: $\pm 10\text{mm}/\pm 1^\circ$
- Highlight:
 - LiDAR and Vision-Based SLAM Navigation Intelligent Unmanned Forklift
 - Full Load Climbing Ability 5% Heavy Duty Forklift Truck
 - Accurate Positioning $\pm 10\text{mm}/\pm 1^\circ$ Automated Guided Forklift



More Images



Product Description

Intelligent Unmanned Forklift Truck



Advanced Automated Material Handling

The TIANYUE Intelligent Unmanned Forklift represents a breakthrough in autonomous material handling technology. This heavy-duty forklift truck combines precision, efficiency, and robust performance to meet the demanding needs of modern warehouses and manufacturing facilities. Engineered with advanced LiDAR and vision-based SLAM navigation technology, it operates autonomously to maximize productivity and safety while minimizing human intervention.



Key Performance Features

This intelligent forklift features an impressive 5% full load climbing ability, ensuring reliable operation on inclines and ramps even when fully loaded. With precise positioning accuracy of $\pm 10\text{mm}$ and angular accuracy of $\pm 1^\circ$, it maneuvers in tight spaces with remarkable precision. The forklift operates effectively in ambient temperatures from 0° to 50° Celsius and adapts to various aisle widths up to 2210mm.

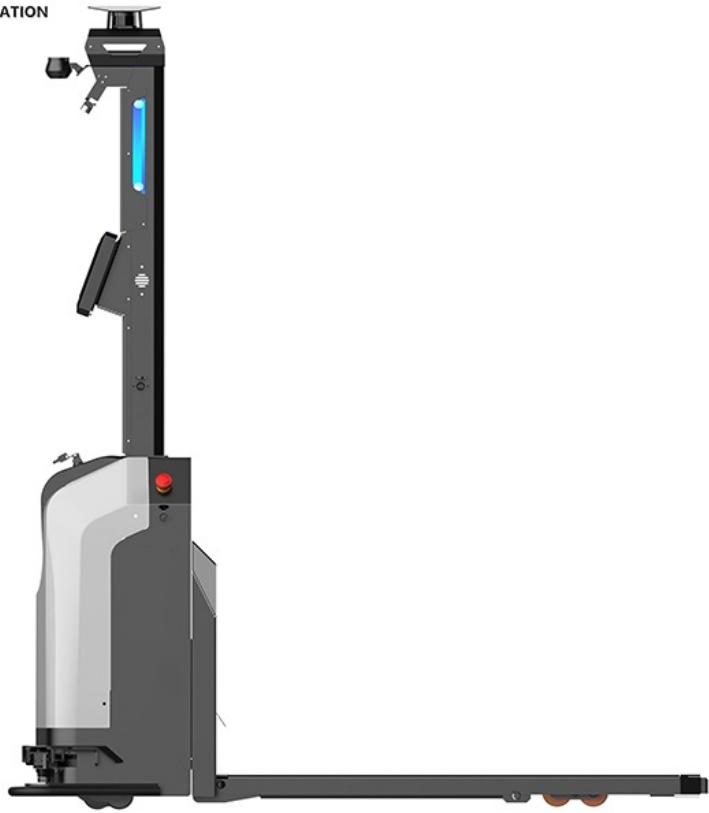
Technical Specifications

Forklift Type	Push Up The Forklift
Full Load Climbing Ability	5%
Navigation Technology	LiDAR and Vision-based SLAM
Control Mode	Fully Autonomous with Remote Monitoring
Rotational Radius	1350mm
Safety Features	Obstacle Detection and Emergency Stop
Ambient Temperature Range	0°-50° Celsius
Accurate Positioning	$\pm 10\text{mm}/\pm 1^\circ$
Forklift Attachments	Customized
Dimensions (L×W×H)	1736×977×1985mm



Advanced Features

- Intelligent Unmanned Forklift with autonomous operation
- Heavy-duty construction with 5% full load climbing ability
- Advanced LiDAR and Vision-based SLAM navigation technology
- Comprehensive safety features including obstacle detection and emergency stop
- 600mm load center distance for optimal stability and balance
- Precise positioning with $\pm 10\text{mm}/\pm 1^\circ$ accuracy
- Robust design for demanding industrial applications



Industrial Applications

The TIANYUE Intelligent Unmanned Forklift is ideal for warehouses, logistics centers, manufacturing plants, and distribution facilities. Its precise positioning and autonomous capabilities make it perfect for environments requiring reliable material handling in tight spaces. The push-up forklift design enhances loading and unloading efficiency, while the customizable attachments accommodate various operational requirements.

Certified with 3C and CE standards, the TIANYUE Intelligent Unmanned Forklift offers flexible ordering with a minimum quantity of 1 set. Delivery within 30-40 working days with secure wooden packaging. Payment terms include L/C and T/T options with a supply capacity of 10 pieces per month.





HIGH QUALITY



EASY OPERATION



AFTER-SALES SERVICE



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