



Intelligent Unmanned Forklift with 1.4m Turning Radius, 1500KG Rated Load, and LiDAR Vision SLAM Navigation for Heavy Duty Warehouse Handling

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



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Product Specification

- Positioning Accuracy: $\pm 10\text{mm}$
- Maximum speed: 0.8m/s-1.5m/s
- Ambient Temperature Range: 0°-40°
- Working environment: Indoor Warehouses And Factories
- Rated Load: 1500KG
- Turning Radius: 1.4m
- Pallet Type: Field Character / River Character Pallet
- Navigation system: LiDAR And Vision-based SLAM
- Highlight: **1.4m Turning Radius Intelligent Unmanned Forklift**, **1500KG Rated Load Heavy Duty Forklift Truck**, **LiDAR Vision SLAM Navigation Automated Guided Forklift**



More Images



Product Description

Intelligent Unmanned Forklift Truck

Advanced servo motor heavy duty forklift featuring precise 1.4m turning radius, optimized for heavy load handling in warehouse and industrial environments.



Product Overview

The Intelligent Unmanned Forklift is a cutting-edge solution designed to revolutionize material handling in modern warehouses and industrial environments. With compact dimensions of 1721L×868W×1737H, this forklift fits seamlessly into various operational settings while maintaining powerful performance capabilities.



Key Features

- Product Name: Intelligent Unmanned Forklift
- Motor Type: High-performance Servo Motor
- Rated Load Capacity: 1500KG for heavy lifting tasks
- Lifting Height Range: Adjustable from 90mm to 200mm
- Compatible Pallet Types: Field Character and River Character Pallets
- Power Supply: Durable and efficient Lithium Iron Phosphate battery
- Advanced real-time 3D obstacle detection and avoidance technology
- Compact 1.4m turning radius for tight space maneuverability

Pick-and-place robot



PRODUCT SPECIFICATIONS

DIMENSIONS

1721L*868W*1737H MM

SELF-WEIGHT OF THE BODY

≤350KG

ROTATIONAL DIAMETER

Φ2766MM

LIFTING STROKE

90-200 MM

RATED LIFTING LOAD

1500 KG

Technical Specifications

Positioning Accuracy	±10mm
Working Environment	Indoor Warehouses And Factories
Pallet Type	Field Character / River Character Pallet
Size	1721L×868W×1737H (mm)
Motor Type	Servo Motor
Lifting Height	90mm-200mm
Power Supply	Lithium Iron Phosphate
Navigation System	LiDAR And Vision-based SLAM
Ambient Temperature Range	0°-40°C
Rated Load	1500KG



Applications

The TIANYUE Intelligent Unmanned Forklift is engineered for demanding material handling applications across various industries. Certified with 3C and CE standards, this heavy duty forklift truck delivers reliable performance in warehouses, manufacturing plants, distribution centers, and logistics operations.

Ideal for automated pallet transport, production line material movement, and cargo handling in port and terminal operations. The forklift's intelligent navigation and obstacle avoidance systems ensure safe operation in complex environments while maximizing productivity.





HIGH QUALITY



EASY OPERATION



AFTER-SALES SERVICE



Guangzhou Tianyue Automation Technology Co., Ltd.



13570415240



mkliangjintian@gmail.com



roboticsagv.com

Self-Compiled Buildings 7-8, Shitouji Jewelry Co., Ltd., No. 2 Daguan Yuan Road, Jewelry City, Huadu District, Guangzhou City, Guangdong Province, China