Intelligent Unmanned Forklift with ±10mm/±1° Positioning Accuracy 1.35m/s Driving Speed and 1350mm Rotational Radius Heavy Duty Forklift Truck

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

- Rotational Radius: 1350mm
- Safety Features: Obstacle Detection, Emergency Stop, Anti-collision System
- Maximumspeed: 0.8m/s-1.35m/s
- Color: Customized
- Driving Speed: 1.35m/s
- Navigation Technology: LiDAR And Vision-based SLAM
- Safety Protection: Laser Scanning
- Fork Minimum Height: 35mm
- Rotational Radius: 1350mm
- Safety Features: Obstacle Detection, Emergency Stop, Anti-collision System
- Maximumspeed: 0.8m/s-1.35m/s
- Color: Customized
- Driving Speed: 1.35m/s

More Images

for more products please visit us on roboticsagv.com

Our Product Introduction

Product Description

Intelligent Unmanned Forklift - Heavy Duty Material Handling Solution

The Intelligent Unmanned Forklift is a cutting-edge solution designed to revolutionize material handling in warehouses, factories, and logistics centers. This Heavy Duty Forklift Truck combines advanced navigation technologies with robust safety features to deliver unparalleled efficiency and reliability in heavy-duty operations.

Product Overview

One of the standout attributes is its impressive fork minimum height of just 35mm, enabling easy sliding underneath pallets with minimal clearance. This feature is especially critical for handling delicate or tightly stacked goods.

The forklift boasts a compact yet powerful design with dimensions customizable to meet specific operational needs. The standard size measures 1705mm in length, 977mm in width, and 2039mm in height, providing a balanced footprint that fits seamlessly into various warehouse layouts. Its rotational radius of 1350mm allows for exceptional maneuverability in tight corners and confined spaces.

Advanced navigation technology utilizes LiDAR and vision-based SLAM (Simultaneous Localization and Mapping) to accurately map surroundings and navigate autonomously without human intervention. This combination ensures precise positioning and smooth movement, even in dynamic or complex settings.

Comprehensive safety systems include obstacle detection, emergency stop functionality, and anti-collision systems that identify and respond to unexpected objects or personnel, preventing accidents and protecting both the forklift and surrounding infrastructure.

for more products please visit us on roboticsagv.com

Key Features

- Product Name: Intelligent Unmanned Forklift
- Heavy Duty Forklift Truck designed for robust industrial applications
- Safety Features: Obstacle Detection, Emergency Stop, Anti-collision System
- Repeatability Positioning Accuracy: ±10mm/±1°
- Safety Protection: Laser Scanning technology for enhanced operational safety
- Load Capacity: 1,500 Kg suitable for Heavy Duty Forklift Truck tasks
- Rotational Radius: 1350mm ensuring precise maneuverability
- Reliable Heavy Duty Forklift Truck performance with intelligent automation

Technical Specifications

Battery Life	8h
Rotational Radius	1350mm
Safety Features	Obstacle Detection, Emergency Stop, Anti-collision System
Safety Protection	Laser Scanning
Load Capacity	1,500 Kg
Color	Customized
Navigation Technology	LiDAR And Vision-based SLAM
Driving Speed	1.35m/s
Dimensions (L*W*H)	1705*977*2039mm (customized)
Repeatability Positioning Accuracy	±10mm/±1°

Applications

The TIANYUE Intelligent Unmanned Forklift is an advanced solution designed to revolutionize material handling in various industrial environments. Engineered to operate autonomously with a driving speed of 1.35m/s and a robust load capacity of 1,500 kg, it is ideal for heavy lifting and transportation tasks in warehouses, manufacturing plants, distribution centers, and logistics hubs.

Primary applications include large-scale warehousing and automated storage systems, where it efficiently moves pallets and heavy goods without human intervention. Compact dimensions allow navigation through narrow aisles and confined spaces, optimizing storage density and workflow efficiency.

In manufacturing scenarios, this forklift excels at transporting raw materials, components, and finished products between production lines or assembly stations. Distribution centers and logistics companies benefit from streamlined loading/unloading processes and enhanced supply chain efficiency.

With a supply ability of 10 pieces per month, flexible payment terms including L/C and T/T, and secure wooden box packaging with delivery in 30-40 working days, this technology integrates easily into existing operations.

Guangzhou Tianyue Automation Technology Co., Ltd.

13570415240 mkliangjintian@gmail.com roboticsagv.com

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