

50KG Load Weight Three-Dimensional Warehousing Shuttle AS/RS with High-Density Storage and Modular Design

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 Day
- Payment Terms: L/C,T/T
- Supply Ability: 100 Pieces/month



Product Specification

- Load Mode: Jacking Up The Backpack
- Material: High-strength Steel Frame With Durable Plastic Components
- Type: Automated Storage And Retrieval System (AS/RS)
- Navigation: Laser SLAM Navigation + QR Code Navigation
- Maintenance: Modular Design For Easy Maintenance And Replacement
- Storage density: High-density Storage With Multi-level Racks
- Product name: Three-Dimensional Warehousing Shuttle
- Power Supply: Lithium Iron Phosphate
- Highlight: **50KG Load Weight Three-Dimensional Warehousing Shuttle**
 , High-Density Storage Automated Storage And Retrieval System
 , Modular Design AS/RS



More Images

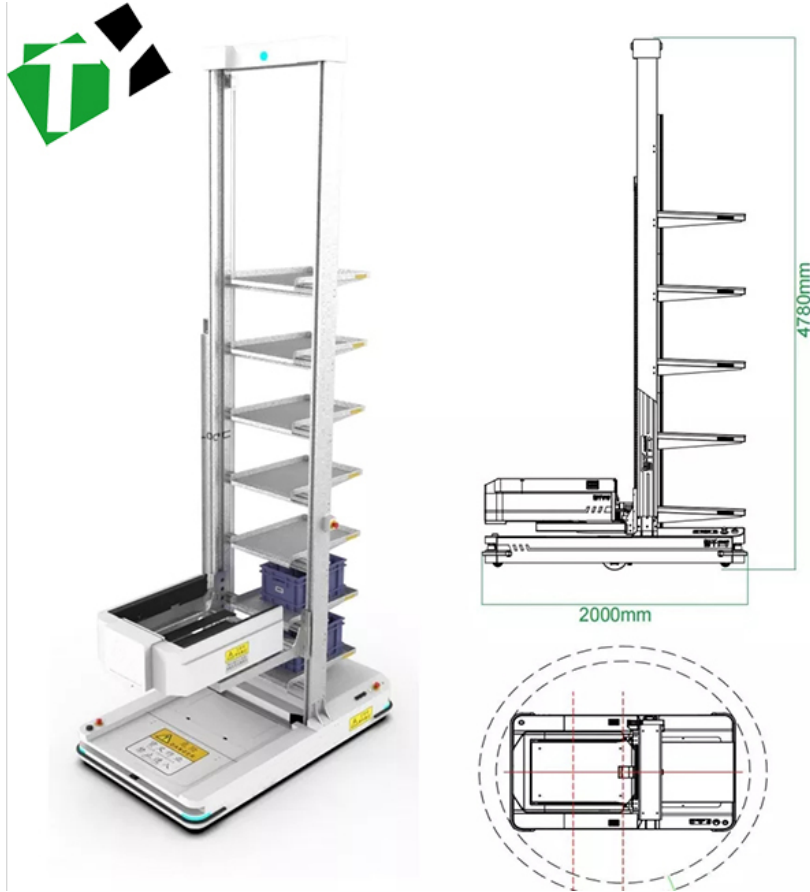


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Product Description

50KG Load Weight Three-Dimensional Shuttle Storage Automated Storage And Retrieval System ASRS

Maximize storage density with our advanced Three-Dimensional Warehousing Shuttle system, designed to revolutionize storage and retrieval operations within automated warehouses. This cutting-edge component of Automated Three-Dimensional Warehouse systems offers unparalleled efficiency and reliability for modern logistics and inventory management.



Product Overview

Engineered to optimize space utilization and streamline warehouse workflows, our 3D Warehouse Shuttle Solution ensures swift and precise handling of goods, significantly enhancing overall productivity. Constructed with a high-strength steel frame and durable plastic components, the shuttle withstands rigorous industrial demands while maintaining lightweight, agile performance.

The innovative jacking-up mechanism for backpack loading allows precise transportation of loads up to 500 kg per shuttle, accommodating various product sizes from small components to bulkier items. This method enhances navigation through complex storage racks for efficient stacking and retrieval across multiple levels.

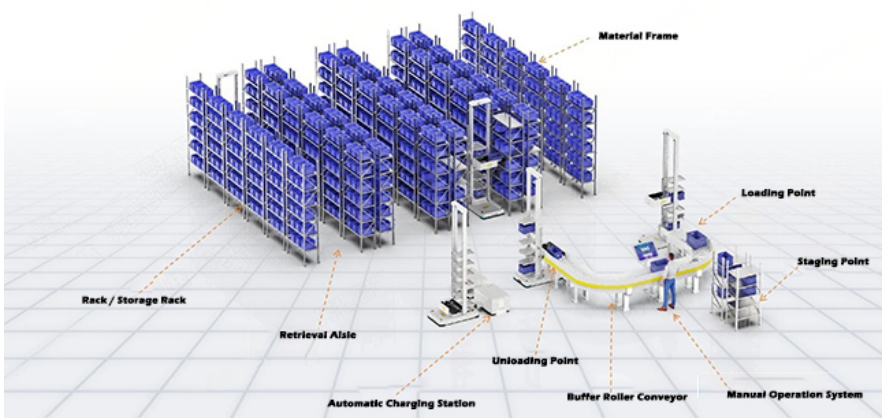
Key Features



- Product Name: Three-Dimensional Warehousing Shuttle
- Power Supply: Lithium Iron Phosphate for efficient, long-lasting energy
- Customizable sizing to fit specific warehouse requirements
- Advanced Laser SLAM Navigation combined with QR Code Navigation
- Customizable dimensions to maximize storage capacity
- Modular design for easy maintenance and component replacement
- High-Density Shuttle Storage System optimizing warehouse space utilization
- 3D Automated Storage Shuttle technology for efficient material handling
- Reliable and scalable solution for enhanced warehouse automation

Technical Specifications

CTU Intelligent Warehouse Layout Simulation



Product Name	Three-Dimensional Warehousing Shuttle
Type	Automated Storage And Retrieval System (AS/RS)
Power Supply	Lithium Iron Phosphate

Load Capacity	Up To 500 Kg Per Shuttle
Material	High-strength Steel Frame With Durable Plastic Components
Installation Time	Typically 2-4 Weeks Depending On Scale
Storage Density	High-density Storage With Multi-level Racks
Safety Features	Obstacle Detection, Emergency Stop, Collision Avoidance
Dimensions	Customizable Based On Warehouse Size
Load Mode	Jacking Up The Backpack

Applications & Industries



The TIANYUE Three-Dimensional Warehousing Shuttle is certified with 3C and CE standards and designed to optimize storage and logistics management across multiple industrial sectors. Ideal for manufacturing, e-commerce, pharmaceuticals, and cold storage facilities requiring high-density storage solutions.

These automated shuttles seamlessly transport goods across multiple warehouse levels, reducing manual labor and minimizing errors. Integration with warehouse management systems (WMS) enables real-time inventory tracking and faster order fulfillment.

With customizable sizing, flexible payment terms (L/C and T/T), and a supply capacity of 100 pieces per month, TIANYUE offers scalable solutions for both new automated warehouses and facility retrofits.





HIGH QUALITY



EASY OPERATION



AFTER-SALES SERVICE



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