



Website



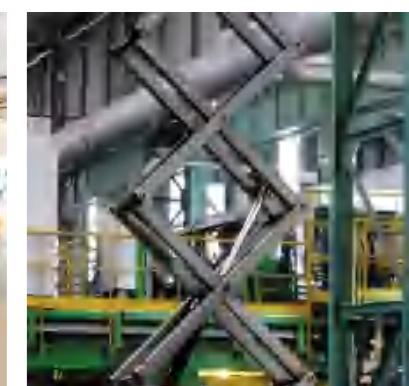
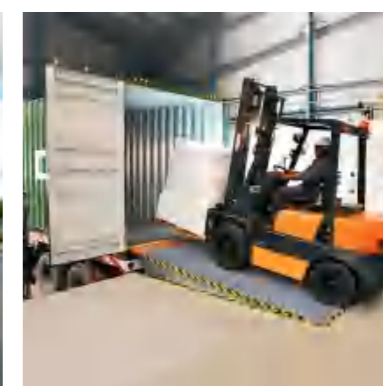
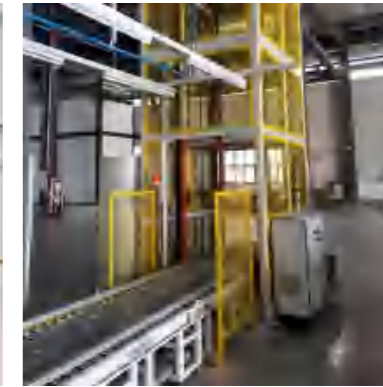
Whatsapp

Gradin



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 Factory Address: No. 166, Zhaoyi Road, Guodian Street, Licheng District, Jinan, Shandong, China  
 办公地址：山东省济南市高新区舜华路 879 号山东省大数据产业基地 A 座 21 层  
 Official Address: 21st Floor, Building A, Ji'nan Data Industrial Base, No. 879 Shunhua Road, High-tech Zone, Jinan, Shandong, China

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 邮箱 Email: sales@gradinlifts.com



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Fax : +86 531 5560 3225

Website : www.gradinlifts.com

Email : sales@gradinlifts.com



12-Month Warranty

24/7 Online Service

Competitive Price

Quick Delivery

High Quality



办公大楼  
Gradin Office Building



## About Us

Gradin Group is a highly influential, comprehensive entity with many years of experience in the field of industrial automation. Its registered capital is 10 million USD, and its headquarters is located in Building A of the Big Data Industry Base in Jinan High tech Zone, Shandong Province. The production workshop covers an area of 30,000 square meters. Since its establishment in 2013, the group has always adhered to the business philosophy of “innovation, collaboration, stability, and responsibility”, committed to promoting the coordinated development of its various industries through research and development innovation and resource integration, and creating a globally competitive enterprise cluster.

At present, the group holds multiple physical companies with business scope covering lifting platforms, aeri work platforms, logistics transportation and lifting equipment, AGV (AMR) robot automation systems, conveying and lifting systems, application and integration of advanced industrial information software. The company adheres to the development philosophy of Industry 4.0, committed to advancing “smart manufacturing” and “technology enterprises.” By leveraging IoT and big data technologies, it deeply integrates information technology with automation, providing customers with efficient and intelligent equipment and system solutions.

Since its establishment, the group has provided equipment and solutions to over 5,000 clients across various sectors, including logistics and warehousing, food, automotive, heavy industry, non-standard automation, ports, and aero-space, accumulating extensive industry experience. At the same time, the company’s team consistently maintains an enterprising mindset, engaging in long-term collaborations with domestic and international scientific research institutions, renowned universities, and enterprises, continually enhancing its technical strength and innovation capabilities. Currently, the group’s subsidiary companies have received numerous accolades in their respective fields, such as being the President Unit of the China Elevator Industry Association, Shandong Province Gazelle Enterprise, Jinan City Gazelle Enterprise, as well as obtaining ISO9001 Quality Management System Certification, ISO9001 Environmental Management System, EU CE Certification, and China’s AAA-level Enterprise Credit Certification.

The group always adheres to the product concept of “technology is the primary productive force” and is committed to providing efficient, safe, intelligent, and convenient products and services to global customers. Adhere to the management philosophy of “people-oriented”, pay attention to the career development and growth of employees, and strive to build a high-quality and professional team to promote sustainable development.

Vision: Strive to become a leading enterprise in the global vertical conveying industry.

Mission: Strive for excellence in products, drive innovation for the future, create greater value for customers, and create lasting value for society.

Core values: Act with integrity, build products with integrity, and run business with integrity.

## Development History

In 2013, Jinan Gradin Machinery Co., Ltd. was established and began to engage in the research and development, production, and sales of elevators.

In 2015, a production factory was established in Jibei Development Zone, covering an area of 1000 square meters, and Jinan Zhongding Lifting Machine Co.LTD was established. Since then, the company has been able to independently design and produce more non-standard products.

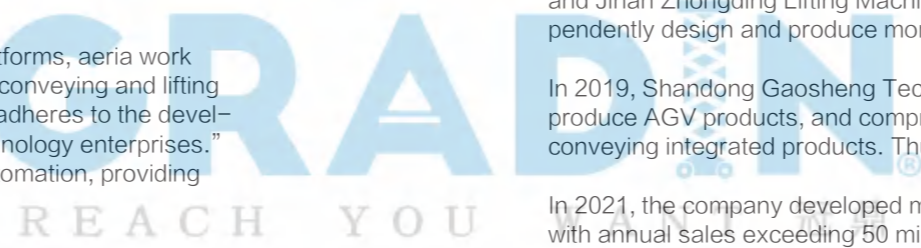
In 2019, Shandong Gaosheng Technology Co., Ltd. was established to independently research, develop, design, and produce AGV products, and comprehensively layout the extension and closed-loop of three-dimensional vertical conveying integrated products. Thus, the company completed its phased industrial layout.

In 2021, the company developed multiple products to fill market gaps and pioneered their application in multiple fields, with annual sales exceeding 50 million yuan.

In 2023, the company was selected as a national high-tech enterprise. Jigang New Business Factory was established, with an additional 20000 square meters of expanded production area. Super purification workshop of 1500 square meters.

In 2024, the output value exceeded 100 million yuan, and the company was elected as the vice president unit and chairman unit by the industry association. It is also a gazelle enterprise in Shandong Province. In the same year, the company’s new 3000 square meter office building located in the big data industry base was put into operation.

Future: Strive to be a leading company in the global vertical conveying industry.



## 公司简介 Company Profile



# 资质证书 Qualifications

# Gradin Customer Inquiry

(The photocopy is valid)



Please fax this inquiry form to GRADIN Customer Service Center, fax: 0531 5560 3325, we will contact you as soon as possible!

### Inquiry Unit

Company Name: \_\_\_\_\_ \* Company Address: \_\_\_\_\_

City: \_\_\_\_\_ Postal Code: \_\_\_\_\_ \*

Department Position: \_\_\_\_\_ \* Contact: \_\_\_\_\_ \*

Telephone: \_\_\_\_\_ \* Cell Phone: \_\_\_\_\_

Fax: \_\_\_\_\_ \* E-mail: \_\_\_\_\_

### Inquiry Content

Serial Number	Part Number	Product Name And Specifications	Quantity	Remark

Please select the following ( for single choice  for multiple choice)

Has your company used lifting, stacking, handling, environmental protection, tools and other equipment in the past or currently?

Yes  No

What brand of product do you use? \_\_\_\_\_

What are you most dissatisfied with:

Product Quality  Pre-sales Service  Technical Support  After-sales Service  Other: \_\_\_\_\_

What you pay most attention to when purchasing equipment:

Company Size  Brand  Quality  Price  After-sales Service  Other: \_\_\_\_\_

What information do you think GRADIN should provide to satisfy everyone's understanding of GRADIN?

Company News  Company Updates  Technical Support  Product Information  Other: \_\_\_\_\_

Your suggestion: \_\_\_\_\_

Accept the GRADIN Terms and Conditions of Sales, Service and Technical Support contained in this catalogue

Note: The information marked with \* is mandatory

Signature and seal of the inquiring party:

Date:

Remark:

Please read our GRADIN Sales, Service and Technical Support Terms and Conditions carefully.

You can go to our company website <https://www.gradinlift.com> to register as a member and make inquiries and orders.

You can also contact us by calling the GRADIN service hotline 86-183 4004 8768.

# Gradin Order Form

(The photocopy is valid)

Please fax this order form to GRADIN Customer Service Center, fax: 0531 5560 3325, we will contact you as soon as possible!

Are you already a customer?  Yes  NO  
 Customer Number: □□□□□□□□ (If you forget, please call to inquire)

**Order Unit**  
 Company Name: \_\_\_\_\_ \* Company Address: \_\_\_\_\_  
 City: \_\_\_\_\_ Country/Province: \_\_\_\_\_  
 Postal Code: \_\_\_\_\_ Department: \_\_\_\_\_ \*  
 Contact: \_\_\_\_\_ \* Telephone/Mobile: \_\_\_\_\_ \*  
 Fax: \_\_\_\_\_ \* E-mail: \_\_\_\_\_

### Order Contents

Part Number	Product Name And Specifications	Quantity	Unit Price	Total Price

● (The above prices include taxes and shipping costs)

<b>Shipping Address</b>	<b>Invoice Delivery Address</b>
Company Name: _____	Company Name: _____
Shipping Address: _____	Shipping Address: _____
City: _____ Post Code: _____	City: _____ Post Code: _____
Department/Position: _____	Department/Position: _____
Contact: _____	Contact: _____
Telephone/Mobile: _____	Telephone/Mobile: _____
Fax: _____	Fax: _____

### Please Select The Delivery Method:

GRADIN transport agency door-to-door delivery  Customer self-collection

### Please select payment method:

Bank Wire Transfer  Cashier's Check  Company Cheque  Other: \_\_\_\_\_

### What kind of invoice do you need?

VAT invoice  Ordinary invoice  Other: \_\_\_\_\_

Accept the GRADIN Terms and Conditions of Sales, Service and Technical Support contained in this catalogue

Note: The information marked with \* is mandatory  
 Purchaser's signature and seal: \_\_\_\_\_  
 Date: \_\_\_\_\_

**Remark:**  
 Please confirm the current price of the product with customer service before placing an order.  
 Please read our "GRADIN Sales, Service and Technical Support Terms and Conditions" carefully before placing an order.  
 After signing and stamping, the customer agrees and accepts GRADIN's "GRADIN Sales, Service and Technical Support Terms and Conditions".  
 A copy of this order is valid. You can also call or visit our website <https://www.gradinlift.com> for quotation and order.

# 专业团队 Professional Team



# Gradin 出口销售服务条款

## Gradin Export Sales Service Terms

### 订单基础

“订单”是指 Gradin 与客户之间关于出口销售和采购的产品、工业设备、商业及贸易协议。所有客户可通过我们的商品目录获取产品信息或者通过电子邮件与我们的销售客服沟通所需产品，达成协议。

本合同适用《联合国国际货物销售合同公约》（CISG）及中国法律

### 付款条件

所有款项需采用款到发货方式支付。付款方式包括电汇、信用证（即期信用证、远期信用证）以及遵循的规则（如 UCP600）、信用卡或其他经批准的方式。如果客户在发货日起的宽限期内未支付到期款项，请及时与 Gradin 客服联系，对接付款展期磋商，否则将对未付款项加收 1.5% 的滞纳金。对于非标定制类产品，客户需在合同签订时支付定金 50%，在产品交付前，客户需要支付剩余款项 50%。若客户未按约定支付定金或余额，Gradin 有权取消订单或要求赔偿。

### 货运政策

产品交货地点应为合同约定的进出口口或分销中心。除非另有约定，Gradin 将选择承运人并负责将产品运输至客户指定的交货地点。若发生分批交货的情况，Gradin 保留对运输费用调整的权利。客户如需使用指定承运人或特殊装运服务，应承担相应费用。所有运输安排将根据国际贸易术语解释通则（Incoterms）进行，具体交货条件（如 FOB、CIF 等）将在订单确认中明确。

### 风险转移与损失

按 INCOTERMS 条款执行，产品交给承运人并办理提供相关单据（如提货单）后，损失风险即转移至客户。客户需承担过程中任何损失或损害的责任。在客户付款之前，所有产品仍为 Gradin 的财产。如运输过程中产品受损，客户需向承运人提出索赔，Gradin 将协助处理相关事宜。

### 检验与瑕疵

客户在收到产品后应立即进行检验。若自交货日起七天内未书面通知 Gradin 产品存在瑕疵，Gradin 将不再承担责任。如果客户收到包装受损的商品，应在打开包装前拍照并通知 Gradin 进行确认。对于运输过程中出现的小范围划伤等损伤，属于正常验收范围。非标订制产品，如需我司进行上面安装服务，我们将以“交钥匙”形式交付。

### 有限保证

除非产品目录另有明确说明，Gradin 为目录商品提供自产品风险转移给客户起 12 个月的质量保证。正常磨损不在保修范围内。如在保修期内发现产品缺陷，客户应按 Gradin 指示退货。Gradin 有权决定是否修理或更换产品。除上述保证外，Gradin 不承担任何其他形式的保证责任，且不对因误用、不当选择或不当操作所导致的缺陷负责。

### 有限责任

Gradin 对间接或附带损害不承担责任，除非中国法律另有规定，Gradin 的责任仅限于客户支付的款项金额。

### 产品适宜性与法律效力

客户对产品的选择、卸货及适用性负责。Gradin 力求确保产品符合适用的法律，但对选择、卸货及适用性的相关法律不提供任何保证。客户在选择产品之前应查阅本国相关法律与法规，客户保证其购买产品的使用不会违反适用法律。

### 不可抗力

因不可抗力事件导致的延迟或无法履行某些条款，如：自然灾害、战争、罢工、政府管制、疫情（如 WHO 宣布的 PHEIC）等无法预见且无法克服的事件。Gradin 会在事件发生 48 小时内书面通知对方，并在 15 日内提供官方证明。不可抗力持续 60 日以上，任何一方可终止合同，双方无责。

### 撤销订单

客户欲撤销订单需获得 Gradin 的书面批准，撤销订单可能需要支付货物重新存储及其他相关费用。

### 完整协议与转让

本条款及 Gradin 的订单确认书、报价单、发票、网站中的条款与产品目录及销售条款共同构成完整的协议。客户一旦收到订单确认或货物，应视为接受这些条款和条件。未经 Gradin 书面同意，客户不得转让订单或其中的其他权益，任何未经同意的转让对 Gradin 无效。

### 保密

双方对合同内容及商业信息保密，保密期持续至合同终止后 5 年。

### 弃权、法律选择与争议解决

任何一方未主张或未坚持某项权利或条款，不构成放弃该权利或条款。争议需先通过双方高管层协商解决，协商期不超过 30 日，如果协商未果则提交中国国际经济贸易仲裁委员会（CIETAC）并按照其当时有效的仲裁规则进行仲裁，仲裁地点为北京。

### Order Basis

An “Order” refers to the agreement between Gradin and the Customer regarding the export, sale, and purchase of products, industrial equipment, and commercial or trade arrangements. All Customers may obtain product information through our catalog or communicate with our sales team via email to finalize product requirements and reach an agreement. This contract is governed by the United Nations Convention on Contracts for the International Sale of Goods (CISG) and the laws of China.

### Payment Terms

All payments must be made in full before shipment. Accepted payment methods include: Telegraphic Transfer (T/T), Letter of Credit (Sight L/C or Usance L/C) under rules such as UCP600, Credit card or other approved methods.If the Customer fails to settle payment within the grace period after the shipment date, they must contact Gradin’s customer service immediately to negotiate a payment extension. Otherwise, a 1.5% late fee will be charged on the overdue amount. For non-standard customized products, the Customer must pay a 50% deposit upon contract signing and the remaining 50% before delivery. If the Customer fails to pay the deposit or balance as agreed, Gradin reserves the right to cancel the order or claim compensation.

### Shipping Policy

The delivery location shall be the port of entry/exit or distribution center specified in the contract. Unless otherwise agreed, Gradin will select the carrier and air-range transportation to the designated delivery location. Gradin reserves the right to adjust shipping fees in case of partial deliveries. If the Customer requests a specific carrier or special shipping services, additional costs shall be borne by the Customer. All shipping arrangements shall comply with Incoterms, and specific delivery terms (e.g., FOB, CIF) will be clarified in the order confirmation.

### Risk Transfer and Loss

Per Incoterms, risk of loss transfers to the Customer once the products are handed over to the carrier and relevant documents (e.g., Bill of Lading) are processed. The Customer assumes liability for any loss or damage during transit. Title to the products remains with Gradin until full payment is received. If products are damaged during transportation, the Customer must file a claim directly with the carrier, and Gradin will assist in resolving the matter.

### Inspection and Defects

The Customer must inspect products immediately upon receipt. If no written notice of defects is provided to Gradin within seven (7) days from delivery, Gradin shall no longer be liable. For goods with damaged packaging, the Customer must photograph the packaging before opening and notify Gradin for confirmation. Minor scratches or damages during transit are considered acceptable under normal inspection standards. For non-standard customized products requiring installation services by Gradin, delivery will be in “turnkey” form.

### Limited Warranty

Unless otherwise stated in the product catalog, Gradin provides a 12-month quality warranty for catalog products, commencing from the transfer of risk to the Customer. Normal wear and tear is excluded. If defects are discovered during the warranty period, the Customer must return the products as instructed by Gradin. Gradin reserves the right to repair or replace the products. Beyond this warranty, Gradin disclaims all other warranties and is not liable for defects caused by misuse, improper selection, or operation.

### Limitation of Liability

Gradin shall not be liable for indirect or consequential damages, unless otherwise required by Chinese law. Gradin’s liability is limited to the total amount paid by the Customer.

### Product Suitability and Legal Compliance

The Customer is responsible for product selection, unloading, and suitability. While Gradin strives to ensure compliance with applicable laws, it provides no guarantees regarding legal requirements for selection, unloading, or suitability. The Customer must review relevant local laws and regulations before purchasing and warrants that the use of purchased products will not violate applicable laws.

### Force Majeure

In the event of force majeure (e.g., natural disasters, war, strikes, government actions, or pandemics such as a WHO-declared PHEIC) causing delays or non-performance, Gradin shall notify the other party in writing within 48 hours and provide official documentation within 15 days. If force majeure persists for 60 days, either party may terminate the contract without liability.

### Order Cancellation

Order cancellation by the Customer requires written approval from Gradin and may incur restocking fees or other related costs.

### Entire Agreement and Assignment

These Terms, along with Gradin’s order confirmations, quotations, invoices, website terms, catalogs, and sales clauses, constitute the entire agreement. Receipt of order confirmation or goods implies acceptance of these Terms. The Customer may not assign any rights under the order without Gradin’s written consent.

### Confidentiality

Both parties shall maintain confidentiality of contract details and business information for five (5) years after contract termination.

### Waiver, Governing Law, and Dispute Resolution

Failure to enforce any right or clause does not constitute a waiver. Disputes shall first be negotiated by senior management within 30 days. If unresolved, disputes shall be submitted to the China International Economic and Trade Arbitration Commission (CIETAC) in Beijing for arbitration under its current rules.

# 国际业务售后服务条款

## International After-Sales Service Terms

### 1. 服务范围与承诺

#### 1.1 服务类型：

产品保修、技术咨询、故障维修、备件更换、软件升级、操作培训（按合同约定）。

#### 1.2 响应时效：

紧急故障：48 小时内提供远程支持或派遣工程师。  
非紧急问题：5 个工作日内出具解决方案。

### 2. 保修条款

#### 2.1 保修期限：

自货物交付之日起 12 个月（特殊设备可延长至 24 个月），以先到为准。

#### 2.2 保修条件：

仅限正常使用下的非人为损坏，需提供完整购买凭证及出厂编号。

不涵盖：不当操作、自然灾害、未经授权的改装或维修。

#### 2.3 保修服务形式：

现场服务：卖方或授权服务商在约定地区内提供上门维修。  
返厂维修：买方承担往返运费及进口关税，维修周期不超过 30 日。

### 3. 备件与技术支持

#### 3.1 备件供应：

卖方承诺保修期内免费提供必要备件，停产产品提供至少 5 年备件支持通知期。

#### 3.2 技术文档：

提供英文版操作手册、维修指南及安全警示（如需其他语言版本，费用由买方承担）。

#### 3.3 远程支持：

7 × 24 小时英语技术支持。

### 4. 非保修服务

#### 4.1 收费原则：

人工费按 100 美元/小时计，备件费按卖方最新价格表的 \*\*120%\*\* 收取。

#### 4.2 服务协议：

可签订年度维护合同（AMC），涵盖定期巡检、预防性维护及优先响应权。

### 5. 责任限制

#### 5.1 免责情形：

因买方未按操作规范使用、超负荷运行或未及时维护导致的损坏。

#### 5.2 赔偿上限：

卖方累计责任不超过合同总价的 100%，间接损失（如利润损失、停产损失）不予赔偿。

### 6. 合规与数据安全

#### 6.1 环保要求：

报废产品需按买方所在国法规处理（如欧盟 WEEE 指令），费用由买方承担。

#### 6.2 数据隐私：

远程维护中获取的买方数据仅用于技术服务，遵守欧盟 GDPR 等数据保护法规。

### 7. 争议解决

#### 7.1 适用法律：

优先适用《联合国国际货物销售合同公约》（CISG），未尽事项按卖方所在国法律解释。

#### 7.2 争议管辖：

中国国际经济贸易仲裁委员会（CIETAC）并按照其当时有效的仲裁规则进行仲裁，仲裁地点为北京。

### 1.Scope and Commitment of Services

#### 1.1 Types of Services:

Product warranty, technical consultation, fault repair, spare parts replacement, software upgrades, operation training (as per contract agreement).

#### 1.2 Response Time:

Emergency Faults: Provide remote support or dispatch engineers within 48 hours.

Non-Emergency Issues: Provide a solution within 5 business days.

### 2.Warranty Terms

#### 2.1 Warranty Period:

12 months from the date of delivery (special equipment may be extended to 24 months), whichever comes first.

#### 2.2 Warranty Conditions:

Limited to non-human damage under normal use, a complete purchase certificate and factory number are required.

Does not cover: improper operation, natural disasters, unauthorized modifications or repairs.

#### 2.3 Warranty Service Forms:

On-Site Service: Seller or authorized service provider will provide on-site repair within the agreed region.

Return-to-Factory Service: The buyer is responsible for round-trip freight and import duties, with a repair period not exceeding 30 days.

### 3.Spare Parts and Technical Support

#### 3.1 Spare Parts Supply:

The seller promises to provide necessary spare parts free of charge within the warranty period, and for discontinued products, spare parts will be supported for at least 5 years with notice.

#### 3.2 Technical Documents:

English version of operation manuals, maintenance guides, and safety warnings (other language versions at the buyer’s expense).

#### 3.3 Remote Support:

24/7 English technical support.

### 4.Non-Warranty Services

#### 4.1 Charging Principles:

Labor charges are \$100 per hour, spare parts are charged at 120% of the seller’s latest price list.

#### 4.2 Service Agreement:

An annual maintenance contract (AMC) may be signed, covering regular inspections, preventive maintenance, and priority response rights.

### 5.Liability Limitations

#### 5.1 Exemption Situations:

Damages caused by the buyer’s failure to operate according to the guidelines, overload operation, or failure to maintain the equipment on time.

#### 5.2 Compensation Limit:

The seller’s cumulative liability shall not exceed 100% of the total contract price. Indirect losses (such as profit loss, production downtime) will not be compensated.

### 6.Compliance and Data Security

#### 6.1 Environmental Requirements:

Disposed products must be handled in accordance with the buyer’s country’s regulations (e.g., EU WEEE Directive), and the buyer bears the cost.

#### 6.2 Data Privacy:

Data obtained during remote maintenance will only be used for technical service and will comply with data protection regulations, such as the EU GDPR.

### 7.Dispute Resolution

#### 7.1 Applicable Law:

Priority is given to the United Nations Convention on Contracts for the International Sale of Goods (CISG), and any unresolved matters will be interpreted according to the laws of the seller’s country.

#### 7.2 Dispute Jurisdiction:

Disputes shall be settled by the China International Economic and Trade Arbitration Commission (CIETAC) in accordance with its current arbitration rules, with the arbitration location in Beijing.

## A Cargo Lifts 1–30

### Hydraulic Cargo Lifts 1–14

Two-Post Cargo Lift  
Dual-cylinder Four-Post Cargo Lift  
Four-cylinder Eight-Post Cargo Lift  
Four-Post 90-Degree Cargo Lift  
Stainless Steel Cargo Lift  
Explosion-proof Cargo Lift  
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Rotating Platform/Tilter & Upender

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Loading and Unloading Platform

# TWO-POST CARGO LIFT

## 单体导轨式货梯



单体导轨式升降平台是一种紧凑型垂直升降设备，适用于有限空间内的高效货物运输。该设备台面尺寸小于 1.5m × 1.5m，载重能力可达 1.5 吨，适用于仓库、工厂、商场及其他需要楼层间货物搬运的场景。

The Two-Post Cargo Lift is a compact vertical lifting device designed for efficient cargo transportation in limited spaces. The platform size is less than 1.5m × 1.5m, with a load capacity of up to 1.5 tons, making it suitable for warehouses, factories, shopping malls, and other scenarios requiring inter-floor cargo transfer.



### ► 功能特点 / Functional Characteristics

<p><b>结构简单</b> Simple structure</p>	<p>由于其采用单一导轨设计，结构较为简洁，便于安装。 Featuring a single-track rail design, the structure is simple and easy to install.</p>
<p><b>安全性高</b> High safety</p>	<p>配备超载保护装置、防坠装置及限位装置，确保在操作过程平稳且安全。 Equipped with Overload protection device, anti-fall devices, and limit switches, ensuring stable and secure operation.</p>
<p><b>操作方便</b> Easy operation</p>	<p>可通过按钮或远程控制进行操作，使用方便快捷。 Can be controlled via buttons or remote control, providing convenient and efficient operation.</p>
<p><b>占地空间小</b> Space saving</p>	<p>其升降机构与导轨结合，安装空间紧凑，适用于空间有限的场合。 The integrated lifting mechanism and rail design allow for compact installation, making it ideal for confined spaces.</p>

### ► 产品细节 / Product Details



防滑工作平台：花纹钢板设计，确保人员与货物安全  
Anti-Slip Platform Textured steel plate for personnel and cargo safety



高强度导轨：采用 H 型钢，精度高，稳定性强  
High-Strength Rails: H-beam, precise and stable



耐用链条：标准板式链条，强度高，寿命长  
Durable Chains Standard plate chains, high strength, long lifespan

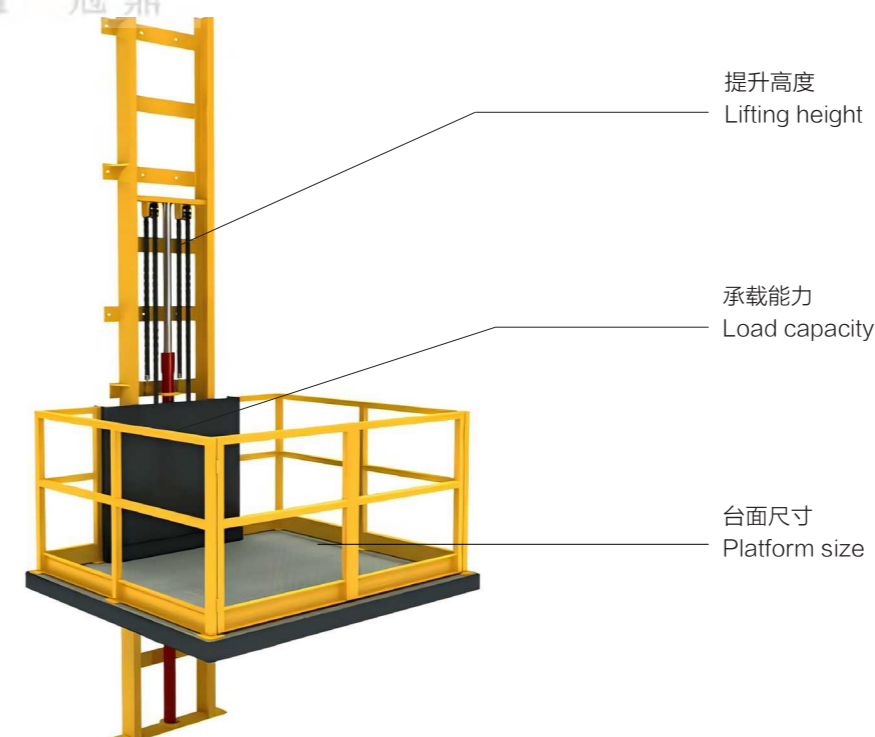


安全钢丝绳：防坠保护，提升操作安全  
Safety Wire Rope Anti-fall protection for enhanced safety

### ► 定制服务 / Customization Services

此类升降平台可根据具体生产需求量身定制。无论是台面尺寸、载重能力、提升高度，还是控制方式、安全配置，都可根据客户的具体要求进行优化设计，确保设备与现场环境完美匹配。

This type of lift platform can be customized according to specific production requirements. Whether it's the platform size, load capacity, lifting height, control method, or safety features, it can be optimized based on the customer's specific needs to ensure the equipment perfectly matches the on-site environment.



GRADIN  
REACH YOU WANT 冠鼎

# DUAL-CYLINDER FOUR-POST CARGO LIFT

## 双缸四柱导轨升降平台



双缸四柱导轨升降平台是一种高稳定性、高承载能力的货物升降设备，适用于仓库、工厂、物流中心等场所的楼层间货物运输。该设备采用双液压缸驱动和四导轨支撑，确保运行平稳、安全可靠。标准台面尺寸不大于 3000\*3000mm，载重能力不超过 10 吨，适用于多种货物搬运需求。

The dual-cylinder four-post cargo lift is a high-stability, high-load-capacity lifting device designed for vertical cargo transportation in warehouses, factories, and logistics centers. It features dual hydraulic cylinder drive and four-rail support, ensuring smooth and reliable operation. The standard platform size does not exceed 3000\*3000mm, with a load capacity of up to 10 tons, making it suitable for various cargo handling needs.



### ► 功能特点 / Functional Characteristics

<b>双缸驱动</b> Dual-Cylinder Drive	双液压缸提供强劲动力，升降平稳可靠。 Dual hydraulic cylinders provide strong power, ensuring smooth and reliable lifting.
<b>四柱导轨</b> Four-Post Rails	高强度结构，提升承载能力，抗偏载性能强。 High-strength structure increases load capacity and enhances resistance to off-center loads.
<b>安全防护</b> Safety Protection	配备防坠装置、限位开关、紧急停止按钮，确保作业安全。 Equipped with anti-fall devices, limit switches, and emergency stop buttons to ensure operational safety.
<b>操作便捷</b> Easy Operation	支持按钮控制、远程控制、PLC 智能控制，使用灵活高效。 Supports button control, remote control, and PLC intelligent control for flexible and efficient use.

### ► 应用场景 / Application Scenarios



仓库 Warehouse

厂房 Factory

工业 Industrial

物流 Logistics

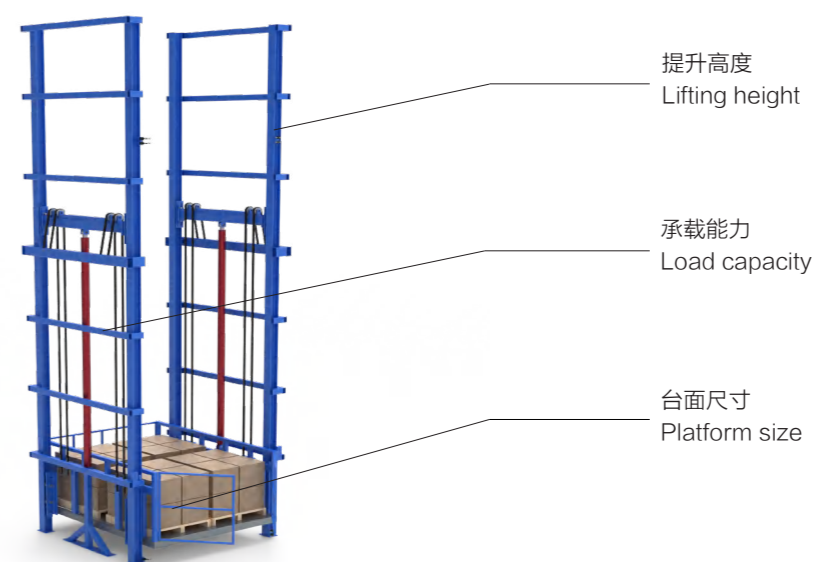
双缸四柱导轨升降平台广泛应用于多个行业，特别适用于仓库物流、工厂生产线、物流中心、商场与零售业、电力能源行业及工业行业等。它能够高效地进行楼层间货物运输，提升搬运效率、节省空间，同时确保操作安全。

The dual-cylinder four-post cargo lift is widely used across various industries, particularly in warehouse logistics, factory production lines, logistics centers, shopping malls and retail, the power and energy sector, and the industrial sector. It enables efficient inter-floor cargo transportation, improving handling efficiency, saving space, and ensuring operational safety.

### ► 定制服务 / Customization Services

此类升降平台可根据具体生产需求量身定制。无论是台面尺寸、载重能力、提升高度，还是控制方式、安全配置，都可根据客户的具体要求进行优化设计，确保设备与现场环境完美匹配。

This type of lift platform can be customized according to specific production requirements. Whether it's the platform size, load capacity, lifting height, control method, or safety features, it can be optimized based on the customer's specific needs to ensure the equipment perfectly matches the on-site environment.

提升高度  
Lifting height承载能力  
Load capacity台面尺寸  
Platform size

# FOUR-CYLINDER EIGHT-POST CARGO LIFT

## 四缸八柱导轨升降平台



四缸八柱导轨升降平台是一种高承载、大台面的重型货物升降设备，采用四液压缸驱动和八导轨支撑，确保运行稳定、安全可靠。该平台具备贯通进出设计，方便货物高效流转，同时采用复合台框结构，增强承载能力和耐用性，适用于重型货物垂直搬运。

The four-cylinder eight-post cargo lift is a heavy-duty lifting device designed for large loads and oversized platforms. It features four hydraulic cylinders and eight guide rails, ensuring stable and reliable operation. The platform is designed for through-access, allowing efficient cargo flow, and adopts a composite frame structure to enhance load capacity and durability. It is ideal for vertical transportation of heavy goods.

### ► 功能特点 / Functional Characteristics

<p><b>四缸驱动</b> Four-Cylinder Drive</p>	<p>采用四液压缸提供强劲动力，确保升降平稳可靠。 Equipped with four hydraulic cylinders for powerful lifting, ensuring smooth and reliable operation.</p>
<p><b>八柱导轨</b> Eight-Post Rail System</p>	<p>高强度八导轨结构，承载能力更强，抗偏载性能优越。 High-strength eight-rail structure enhances load capacity and provides excellent resistance to off-center loads.</p>
<p><b>大台面、大载重</b> Large Platform &amp; High Load Capacity</p>	<p>适用于超大货物和重型设备的垂直搬运，最高可达100吨。 Designed for vertical transportation of oversized cargo and heavy equipment, with a maximum capacity of up to 100 tons.</p>
<p><b>复合台框结构</b> Composite Frame Structure</p>	<p>增强平台稳定性和耐用性，适应高频率作业。 Enhances platform stability and durability, making it suitable for high-frequency operations.</p>

### ► 应用场景 / Application Scenarios



钢铁行业 Steel Industry



工厂生产线 Factory Production Lines



卡车升降 Truck Lift

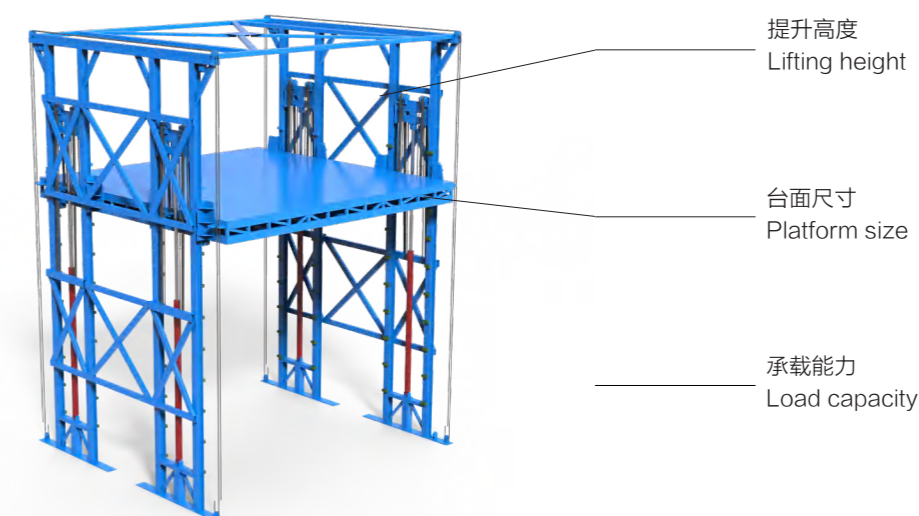
四缸八柱导轨升降平台广泛应用于仓储物流中心、工厂生产线、汽车制造、大型商超、船舶与航空制造、矿业与冶金行业等领域。其大台面、大载重、贯通进出的设计，使其能高效完成重型设备、超大货物的楼层间运输，优化生产与物流流程，提高作业安全性和效率。

The four-cylinder eight-post cargo lift is widely used in warehousing and logistics centers, factory production lines, automotive manufacturing, large retail stores, shipbuilding and aviation, and the mining and metallurgy industries. With its large platform, high load capacity, and through-access design, it efficiently handles heavy equipment and oversized cargo for inter-floor transportation, optimizing production and logistics processes while enhancing operational safety and efficiency working conditions.

### ► 定制服务 / Customization Services

此类升降平台可根据具体生产需求量身定制。无论是台面尺寸、载重能力、提升高度，还是控制方式、安全配置，都可根据客户的具体要求进行优化设计，确保设备与现场环境完美匹配。

This type of lift platform can be customized according to specific production requirements. Whether it's the platform size, load capacity, lifting height, control method, or safety features, it can be optimized based on the customer's specific needs to ensure the equipment perfectly matches the on-site environment.



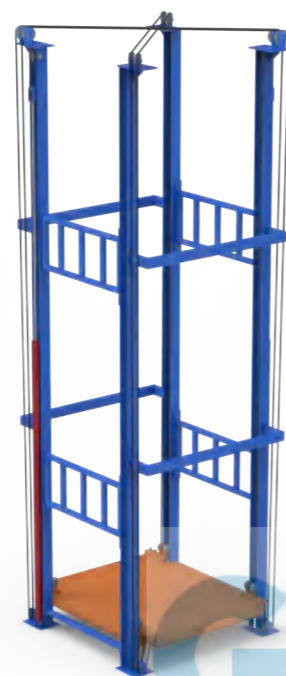
# FOUR-POST 90-DEGREE LIFT

## 四柱90度进出口式提升机



四柱 90 度进出口式提升机采用 H 型钢导轨内置油缸设计，有效节省顶部空间，适用于层高受限的场所。通过油缸下拉驱动实现平稳升降，确保运行安全可靠。其 90 度进出口布局支持正向进货、侧向出货，优化货物流向，提高装卸效率。该设备广泛应用于汽车 4S 店、大型车库、大型停车场，供车辆升降或停放，亦可作为货物升降使用。

The four-post 90-degree lift features a H-beam rail design with an embedded hydraulic cylinder, effectively saving top space, making it ideal for areas with limited ceiling height. It achieves smooth lifting through downward hydraulic cylinder drive, ensuring safe and reliable operation. The 90-degree inlet and outlet layout supports front loading and side unloading, optimizing cargo flow and improving loading and unloading efficiency. This equipment is widely used for automobile 4S stores, large garage, large parking lot, for vehicle lifting or parking, can also be used as a cargo lift.



### ► 功能特点 / Functional Characteristics

#### H 型钢导轨内置油缸设计 H-beam rail with built-in hydraulic cylinder

节省顶部空间，适用于层高受限的场所。  
Saves top space, making it suitable for areas with limited ceiling height.

#### 平稳升降 Smooth lifting

采用油缸下拉驱动，确保平稳、安全的升降过程。  
Utilizes a downward hydraulic cylinder drive to ensure a stable and safe lifting process.

#### 360 度进出设计 360-degree access design

支持全方位的货物或车辆进出，提高灵活性和作业效率。  
Supports all-around entry and exit for cargo or vehicles, enhancing flexibility and operational efficiency.

#### 安全保护装置 Safety protection devices

配备防坠落装置、限位开关、紧急停止按钮，确保运行安全。  
Equipped with an anti-fall mechanism, limit switches, and an emergency stop button to ensure safe operation.

### ► 应用场景 / Application Scenarios



仓库物流 Warehouse Logistics



工业制造 Industrial Manufacturing



汽车升降 Automobile Lifting

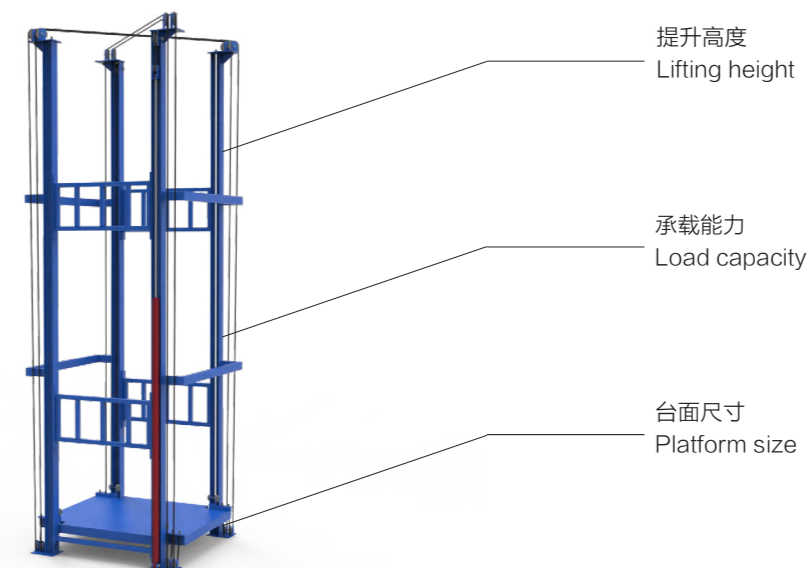
四柱 90 度进出口式提升机广泛应用于汽车升降、仓储物流及工业制造等领域。其 360 度进出设计支持货物或车辆从任意方向进出，提高作业灵活性，优化物流运输流程。

The four-post 90-degree access lift is widely used in automobile lifting, warehouse logistics, and industrial manufacturing. Its 360-degree access design allows cargo or vehicles to enter and exit from any direction, enhancing operational flexibility and optimizing the logistics workflow.

### ► 定制服务 / Customization Services

此类升降平台可根据具体生产需求量身定制。无论是台面尺寸、载重能力、提升高度，还是控制方式、安全配置，都可根据客户的具体要求进行优化设计，确保设备与现场环境完美匹配。

This type of lift platform can be customized according to specific production requirements. Whether it's the platform size, load capacity, lifting height, control method, or safety features, it can be optimized based on the customer's specific needs to ensure the equipment perfectly matches the on-site environment.



# STAINLESS STEEL CARGO LIFT

## 不锈钢货梯



不锈钢货梯专为医药公司、洁净实验室、无尘车间、食品厂、化学原料公司、水下升降机等高标准环境设计。其耐腐蚀、耐磨损、抗氧化性能优越，不易刮伤、生锈，确保长期稳定运行。材质不含铅、不沾油、不易变形，符合严格的卫生和安全要求，同时易于清洁和维护，适用于对洁净度和耐用性要求极高的工作环境。

The stainless steel cargo lift is specially designed for high-standard environments such as pharmaceutical companies, clean laboratories, dust-free workshops, food factories, chemical raw material companies, and underwater lifting systems. It offers excellent corrosion resistance, abrasion resistance, and oxidation resistance, ensuring long-term stable operation without scratches or rust. The material is lead-free, oil-resistant, and deformation-resistant, meeting stringent hygiene and safety requirements, while also being easy to clean and maintain, making it ideal for environments with high cleanliness and durability standards.



### ► 功能特点 / Functional Characteristics

<b>高耐腐蚀性</b> High Corrosion Resistance	采用304/316不锈钢材质，耐腐蚀性能极强，适合恶劣环境下长期使用。 Made of 304/316 stainless steel, offering excellent corrosion resistance, suitable for long-term use in harsh environments.
<b>耐磨损与抗氧化</b> Abrasion and Oxidation Resistance	不容易刮伤和生锈，确保设备长期稳定运行。 Resistant to scratches and rust, ensuring long-term stable operation of the equipment.
<b>无铅、油污防护</b> Lead-Free and Oil-Resistant	材质不含铅、不沾油，保证食品和药品行业的安全标准。 The material is lead-free and oil-resistant, ensuring compliance with safety standards for the food and pharmaceutical industries.
<b>易清洁与保养</b> Easy to Clean and Maintain	表面光滑，不易积垢，便于日常清洁和维护。 The smooth surface makes it resistant to dirt accumulation, making daily cleaning and maintenance convenient.

### ► 应用场景 / Application Scenarios



化学原料公司

Chemical raw materials company

洁净车间

Clean Workshop

洁净实验室

Clean Laboratory

食品厂

Food Factory

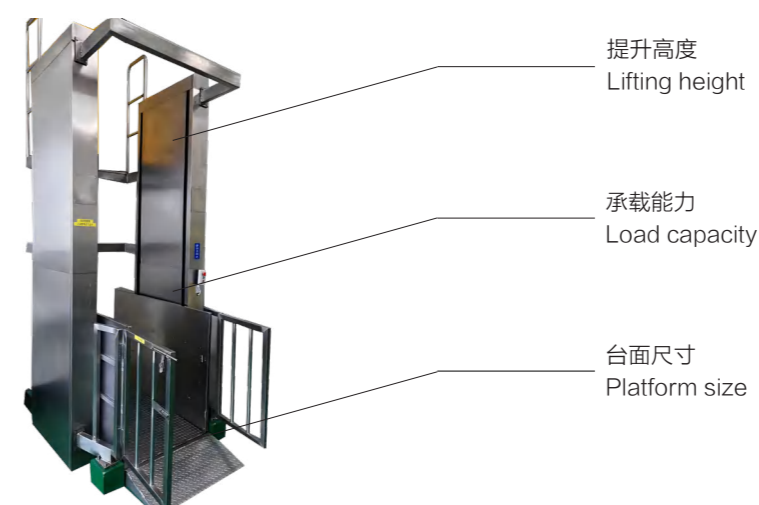
不锈钢货梯广泛应用于医药公司、洁净实验室、无尘车间、食品厂、化学原料公司、水下升降机等对卫生和环境要求极高的场所。其耐腐蚀、耐磨损、抗氧化的特性确保在恶劣环境下的长期稳定运行，特别适合食品、药品等行业的垂直运输与升降作业，能够有效保证工作环境的洁净与安全。

The stainless steel cargo lift are widely used in environments with high hygiene and environmental requirements, such as pharmaceutical companies, clean laboratories, dust-free workshops, food factories, chemical raw material companies, and underwater lifting systems. Their corrosion resistance, abrasion resistance, and oxidation resistance ensure long-term stable operation in harsh environments, making them particularly suitable for vertical transportation and lifting operations in industries like food and pharmaceuticals, effectively maintaining cleanliness and safety in the working environment.

### ► 定制服务 / Customization Services

此类升降平台可根据具体生产需求量身定制。无论是台面尺寸、载重能力、提升高度，还是控制方式、安全配置，都可根据客户的具体要求进行优化设计，确保设备与现场环境完美匹配。

This type of lift platform can be customized according to specific production requirements. Whether it's the platform size, load capacity, lifting height, control method, or safety features, it can be optimized based on the customer's specific needs to ensure the equipment perfectly matches the on-site environment.

提升高度  
Lifting height承载能力  
Load capacity台面尺寸  
Platform size

# EXPLOSION-PROOF CARGO LIFT

## 防爆货梯



防爆货梯是一种专为防止火花、电弧或高温气体引发爆炸而设计的特殊升降设备。它采用防爆电机、防爆控制系统、密封保护设计等技术，能够有效隔离外部环境中的易燃气体或粉尘，保障设备在高危环境下的安全运行。常见应用于化工厂、石油天然气行业、煤矿、电力厂、仓库等危险区域，确保在恶劣环境中货物的安全垂直运输。

The explosion-proof cargo lift is a specialized lifting equipment designed to prevent explosions caused by sparks, electric arcs, or high-temperature gases. It uses explosion-proof motors, explosion-proof control systems, and sealed protection designs, effectively isolating flammable gases or dust in the external environment, ensuring safe operation in hazardous conditions. It is commonly used in chemical plants, oil and gas industries, coal mines, power plants, warehouses, and other hazardous areas, ensuring the safe vertical transportation of goods in harsh environments.



### ► 功能特点 / Functional Characteristics

<b>防爆设计</b> Explosion-Proof Design	配备防爆电机、防爆控制系统、密封保护设计，确保在危险环境下安全运行。 Equipped with explosion-proof motors, explosion-proof control systems, and sealed protection designs to ensure safe operation in hazardous environments.
<b>高安全性</b> High Safety	有效隔离易燃气体或粉尘，防止火花、电弧引发爆炸。 Effectively isolates flammable gases or dust to prevent sparks or electric arcs from causing explosions.
<b>防水防尘</b> Waterproof and Dustproof	配备密封系统，防止外界水分和灰尘进入设备，适应更恶劣的工作条件。 Equipped with a sealing system to prevent external moisture and dust from entering the equipment, making it suitable for harsher working conditions.
<b>低维护成本</b> Low Maintenance Cost	设备结构简单，便于维护，减少故障率，降低长期使用成本。 Simple structure for easy maintenance, reducing failure rates and lowering long-term operating costs.

### ► 防爆配置 / Explosion-proof Configuration



防爆开关  
Explosion-proof Switch



防爆控制箱  
Explosion-proof Control Box



防爆限位开关  
Explosion-proof Limit Switch



防爆召唤开关  
Explosion-proof Call Switch

防爆货梯配备防爆开关、防爆控制箱、防爆限位开关、防爆召唤开关等关键组件，确保在易燃易爆环境下安全运行。所有配置均符合防爆标准，有效防止火花、电弧或高温引发爆炸，适用于化工、石油、煤矿、电力等高危场所。

The explosion-proof freight elevator is equipped with explosion-proof switches, explosion-proof control boxes, explosion-proof limit switches, and explosion-proof call switches, ensuring safe operation in flammable and explosive environments. All configurations comply with explosion-proof standards, effectively preventing sparks, electric arcs, or high temperatures from causing explosions. It is ideal for chemical plants, oil and gas industries, coal mines, and power plants.

### ► 定制服务 / Customization Services

此类升降平台可根据具体生产需求量身定制。无论是台面尺寸、载重能力、提升高度，还是控制方式、安全配置，都可根据客户的具体要求进行优化设计，确保设备与现场环境完美匹配。

This type of lift platform can be customized according to specific production requirements. Whether it's the platform size, load capacity, lifting height, control method, or safety features, it can be optimized based on the customer's specific needs to ensure the equipment perfectly matches the on-site environment.



提升高度  
Lifting height

承载能力  
Load capacity

台面尺寸  
Platform size

# WALL-MOUNTED CARGO LIFT

## 挂墙货梯



挂墙货梯是一种安装在建筑墙体上的垂直升降设备，采用壁挂式结构，无需专门井道，安装便捷，占地空间小。特别适合场地受限、不便开挖地坑的环境。该设备运行平稳，承载能力强，可根据需求定制台面尺寸、载重能力、提升高度等参数，满足不同作业需求。

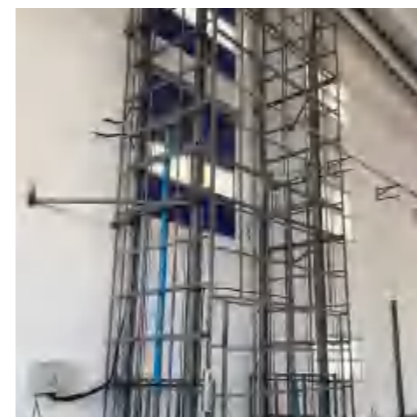
A wall-mounted cargo lift is a vertical lifting device installed on a building wall, featuring a wall-mounted structure that requires no dedicated shaft for easy installation and minimal space usage. It is especially suitable for limited-space environments where pit excavation is not feasible. The equipment operates smoothly with a strong load capacity and can be customized in platform size, load capacity, and lifting height to meet various operational needs.



### ► 功能特点 / Functional Characteristics

<p><b>无需井道</b> No Shaft Required</p>	<p>壁挂式设计，无需专门井道，安装便捷，占地空间小。 Wall-mounted design eliminates the need for a dedicated shaft, ensuring easy installation and minimal space usage.</p>
<p><b>适应性强</b> High Adaptability</p>	<p>特别适用于场地受限、不便开挖地坑的环境。 Ideal for environments with space constraints where pit excavation is not feasible.</p>
<p><b>平稳升降</b> Smooth Lifting</p>	<p>采用优质液压或电动驱动系统，确保运行平稳、安全可靠。 Uses high-quality hydraulic or electric drive systems for stable and safe operation.</p>
<p><b>结构坚固</b> Durable Structure</p>	<p>高强度钢材制造，承载能力强，适用于长期高频率作业。 Built with high-strength steel, providing excellent load capacity and long-term reliability for frequent use.</p>

### ► 应用场景 / Application Scenarios



室内 Indoor



室外 Outdoor



室外外封带卷帘门 Full cover with roller door

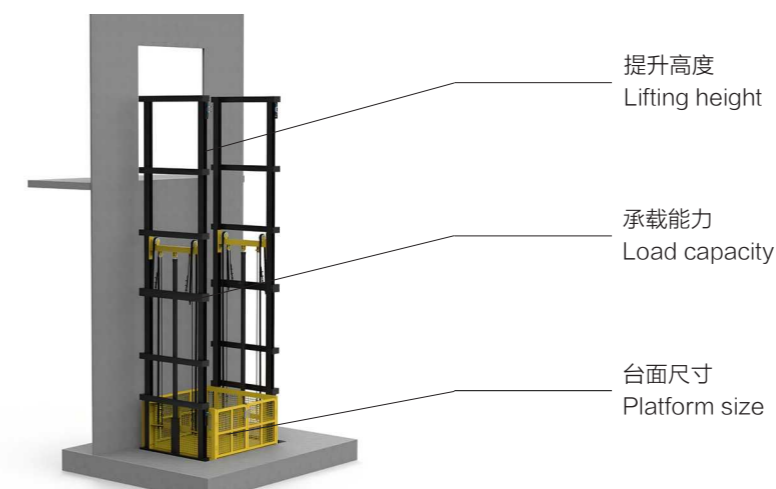
挂墙货梯适用于室内和室外多种环境。室内常见于仓库、工厂、商场等场所，能高效地进行楼层间货物运输，节省空间且不占地面面积。室外应用则适用于工地、仓储设施、装配线等环境，特别适合空间受限或需要跨越大高度的场合。

The wall-mounted cargo lift is suitable for a variety of indoor and outdoor environments. Indoors, it is commonly used in warehouses, factories, shopping malls, etc., efficiently transporting goods between floors while saving space and not occupying floor area. For outdoor applications, it is ideal for environments such as construction sites, storage facilities, assembly lines, and is particularly suited for areas with limited space or where large heights need to be crossed.

### ► 定制服务 / Customization Services

此类升降平台可根据具体生产需求量身定制。无论是台面尺寸、载重能力、提升高度，还是控制方式、安全配置，都可根据客户的具体要求进行优化设计，确保设备与现场环境完美匹配。

This type of lift platform can be customized according to specific production requirements. Whether it's the platform size, load capacity, lifting height, control method, or safety features, it can be optimized based on the customer's specific needs to ensure the equipment perfectly matches the on-site environment.



# VRC STRADDLE LIFT

## 跨坐式往复式提升机



跨坐式往复式提升机的货厢位于两个导轨柱之间，能够有效将负载的重量沿两个柱子均匀分布。这种配置相比悬臂式配置，具有更大的承载能力和更大的货厢平台尺寸，能够承受更高的翻车力（即在装卸过程中产生的力）。跨坐式布局支持C型装卸（从前方进行装卸）和Z型装卸（从对侧进行装卸）两种方式，特别适用于空间不受限制且负载高度要求不无限制的应用场合。

VRC straddle lift features a carriage positioned between two guide columns, effectively distributing the load weight evenly along both columns. Compared to a cantilever configuration, this design offers a higher load capacity and a larger carriage platform while also withstanding greater rollover forces generated during loading and unloading. The straddle layout supports both C-loading (loading and unloading from the front) and Z-loading (loading and unloading from opposite sides), making it ideal for applications without space constraints and without the need for unlimited load height.



GRADIN  
REACH YOU  
WANT 冠鼎

### ► 功能特点 / Functional Characteristics

<b>简约护栏设计</b> Minimal enclosure design	采用最少量的围护结构，在确保安全的同时，提高成本效益。 Utilizes the least amount of enclosure structure to ensure safety while optimizing cost-effectiveness.
<b>装卸方式</b> Loading and unloading options	支持C型装卸（同侧进出）和Z型装卸（对侧进出），适应不同的物流流程。 Supports C-loading (same-side entry and exit) and Z-loading (opposite-side entry and exit) to accommodate different logistics workflows.
<b>适应各种货物尺寸</b> Adaptable to various cargo sizes	设计灵活，可轻松处理不同规格和重量的物料负载。 Flexible design easily handles materials of different sizes and weights.
<b>高效垂直输送</b> Efficient vertical transportation	可在多层楼之间快速、安全地运输货物，提高作业效率。 Quickly and safely moves goods between multiple floors, enhancing operational efficiency.

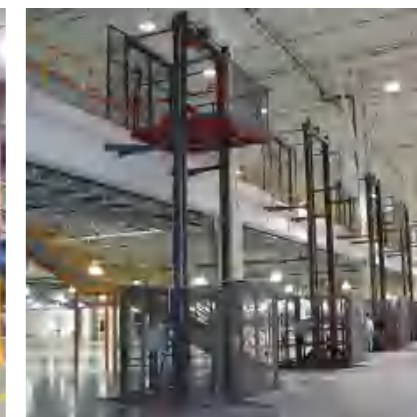
### ► 应用场景 / Application Scenarios



仓储物流 Warehousing and Logistics



汽车部件装配 Automotive parts assembly



制造工厂 Manufacturing Plants

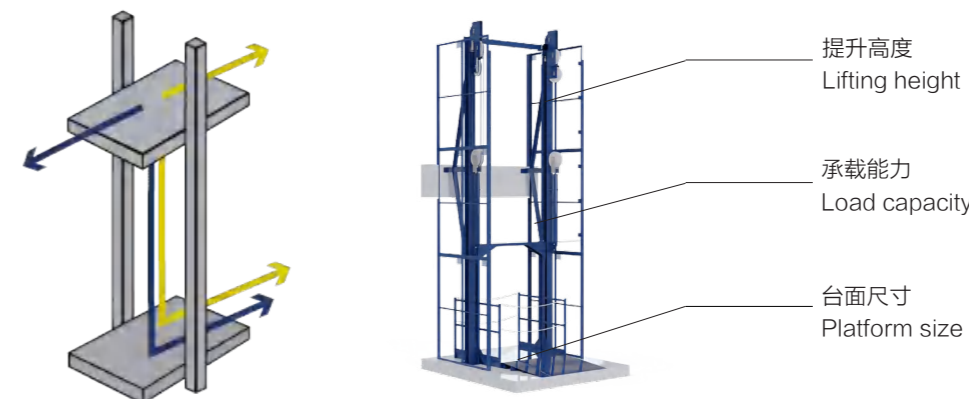
跨坐式往复式提升机广泛应用于仓储物流、制造工厂、零售批发、汽车、食品医药、电子半导体、机场分拣中心及商业建筑等领域。它能够在多层楼之间高效、安全地运输各类货物，优化物流流程，提高作业效率。

VRC straddle lift is widely used in warehousing and logistics, manufacturing plants, retail and wholesale, automotive, food and pharmaceuticals, electronics and semiconductors, airport sorting centers, and commercial buildings. It efficiently and safely transports various goods between multiple floors, optimizing logistics processes and improving operational efficiency, making it especially suitable for applications requiring high load capacity and stability.

### ► 定制服务 / Customization Services

我们的跨坐式往复式提升机支持定制化服务，以满足不同应用需求。可根据实际使用场景定制台面尺寸、载重能力和提升高度，确保最佳适配性。此外，该设备支持多种装卸方式，包括C型装卸（同侧进出）、Z型装卸（前进后出），灵活适用于各种物流流程，提升作业效率。

The VRC straddle lift offers customized services to meet various application requirements. The platform size, load capacity, and lift height can be tailored according to the specific operational needs, ensuring optimal compatibility. Additionally, the lift supports multiple loading and unloading options, including C-loading (same-side entry and exit) and Z-loading (front-to-rear entry and exit), providing flexibility for different logistics processes and enhancing operational efficiency.



# VRC CANTILEVER LIFT

## 悬臂式往复式提升机



悬臂式往复式提升机的货厢由两根导轨柱支撑，位于货厢的一侧。这种配置使得 VRC 的三侧均可方便访问，并支持三种装卸方式：C 型装卸（从前方进出）、Z 型装卸（从对侧进出）和 90 度装卸（从前方装载，侧面卸载）。悬臂式配置提供更高的装卸灵活性，特别适用于空间受限的区域，能够更方便地操作货物。

VRC cantilever lift features a carriage supported by two guide columns on one side. This configuration allows easy access from three sides of the VRC and supports three loading and unloading patterns: C-loading (loading and unloading from the front), Z-loading (loading and unloading from opposite sides), and 90-degree loading (loading from the front and unloading from the side). The cantilever configuration offers greater flexibility in loading and unloading, making it especially suitable for space-constrained areas and enabling easier handling of materials.



### ► 功能特点 / Functional Characteristics

#### 三侧便捷访问

Easy access from three sides

货厢由一侧导轨柱支撑，提供三面可操作区域，方便进行装卸作业。  
Utilizes the least amount of enclosure structure to ensure safety while optimizing cost-effectiveness.

#### 灵活装卸

Flexible loading and unloading options

支持三种装卸模式：C 型装卸（从前方进出）、Z 型装卸（从对侧进出）和 90 度装卸（从前方装载，侧面卸载），适应不同的物流需求。  
Supports three loading and unloading patterns: C-loading (loading and unloading from the front), Z-loading (loading and unloading from opposite sides), and 90-degree loading (loading from the front and unloading from the side), adapting to various logistics needs.

#### 适用于空间受限区域

Suitable for space-constrained areas

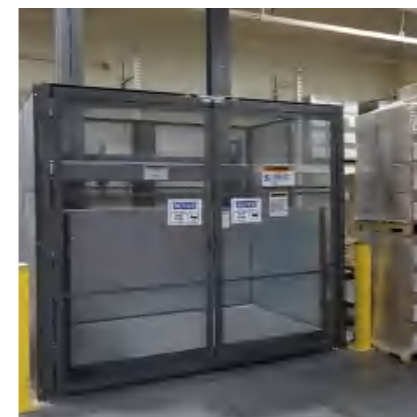
悬臂式配置特别适合空间有限的场所，能够灵活操作货物，提升作业效率。  
The cantilever configuration is ideal for areas with limited space, allowing for flexible handling of materials and improving operational efficiency.

#### 高效垂直输送

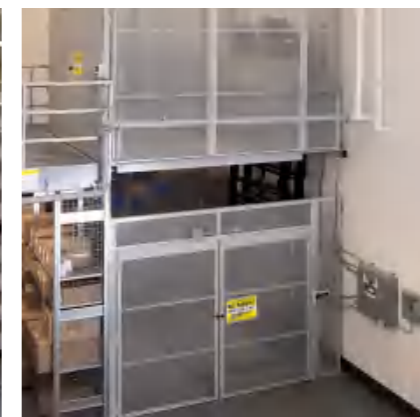
Efficient vertical transportation

在多层楼之间高效、快速地运输物料，减少垂直运输的时间和成本。  
Efficiently and quickly transports materials between multiple floors, reducing the time and cost of vertical transportation.

### ► 应用场景 / Application Scenarios



仓储物流 Warehousing and Logistics



工厂 Factory



零售批发 Retail Industry

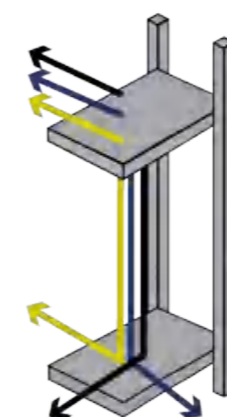
悬臂式往复式提升机广泛应用于仓储物流、制造工厂、零售批发、汽车、食品医药、电子半导体、机场分拣中心及商业建筑等领域。它能够在多层楼之间高效、安全地运输各类货物，优化物流流程，提高作业效率。

VRC cantilever lift is widely used in warehousing and logistics, manufacturing plants, retail and wholesale, automotive, food and pharmaceuticals, electronics and semiconductors, airport sorting centers, and commercial buildings. It efficiently and safely transports various goods between multiple floors, optimizing logistics processes and improving operational efficiency, making it especially suitable for applications requiring high load capacity and stability.

### ► 定制服务 / Customization Services

我们的悬臂式往复式提升机支持定制化服务，以满足不同应用需求。可根据实际使用场景定制台面尺寸、载重能力和提升高度，确保最佳适配性。此外，该设备支持多种装卸方式，包括 C 型装卸（从前方进出）、Z 型装卸（从对侧进出）和 90 度装卸（从前方装载，侧面卸载），灵活适用于各种物流流程，提升作业效率。

The VRC cantilever lift offers customized services to meet various application requirements. The platform size, load capacity, and lift height can be tailored according to the specific operational needs, ensuring optimal compatibility. Additionally, the lift supports multiple loading and unloading options, including C-loading (same-side entry and exit), Z-loading (front-to-rear entry and exit), and 90-degree loading (loading from the front and unloading from the side), providing flexibility for different logistics processes and enhancing operational efficiency.



提升高度  
Lifting height

承载能力  
Load capacity

台面尺寸  
Platform size

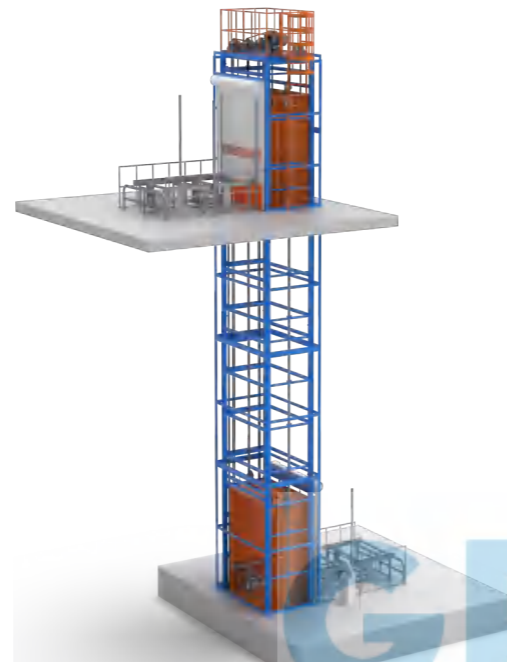
# FOUR-POST Z-TYPE VRC LIFT

## 四柱Z型往复式提升机



四柱式结构的Z型往复式提升机是一种灵活、高效的垂直输送设备，特别适用于需要对侧或前后方向进行装卸的场合。该设备的设计允许货物从两个对侧或前后方向进行装载和卸载，提供了多种装卸方式，极大地提升了作业的灵活性和效率。四柱型结构使其适合搬运各种规格、重量的物料，特别是大型、重型货物。其结构设计使得在空间有限的环境中，操作更加便捷，能够有效节省空间并优化物流流程。

The 4-post Z-type vertical reciprocating conveyor (VRC) is a flexible and efficient vertical transportation system, especially suitable for applications that require loading and unloading from opposite sides or from the front and rear. The design of the equipment allows goods to be loaded and unloaded from both sides or from the front and rear, providing multiple loading and unloading options, greatly enhancing operational flexibility and efficiency. The 4-post structure makes it ideal for handling materials of various sizes and weights, particularly large and heavy loads. Its design allows for easier operation in space-constrained environments, effectively saving space and optimizing logistics processes.



### ► 功能特点 / Functional Characteristics

#### Z型装卸 Z-loading

支持Z型装卸（从对侧进出或前后进出），适应不同物流需求。  
Supports Z-loading (loading and unloading from opposite sides or from front and rear), adapting to various logistics needs.

#### 大承载能力 High load capacity

适用于搬运大型、重型或超大尺寸的物料，能够满足高负载要求。  
Suitable for handling large, heavy, or oversized materials, meeting high load requirements.

#### 高效垂直输送 Efficient vertical transportation

提供快速、安全的垂直运输，节省作业时间，提升工作效率。  
Provides fast and safe vertical transportation, saving operation time and improving work efficiency.

#### 安全保障 Safety assurance

配备多重安全保护装置，如限位开关、防坠落系统和紧急停止按钮，确保操作人员和设备的安全。  
Equipped with multiple safety features, such as limit switches, anti-fall systems, and emergency stop buttons, ensuring the safety of operators and equipment.

### ► 应用场景 / Application Scenarios



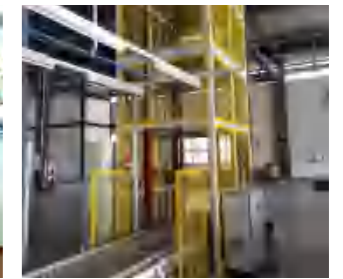
仓储物流中心  
Warehousing and Logistics Center



零配件生产线  
Parts Production Line



零售业  
Retail

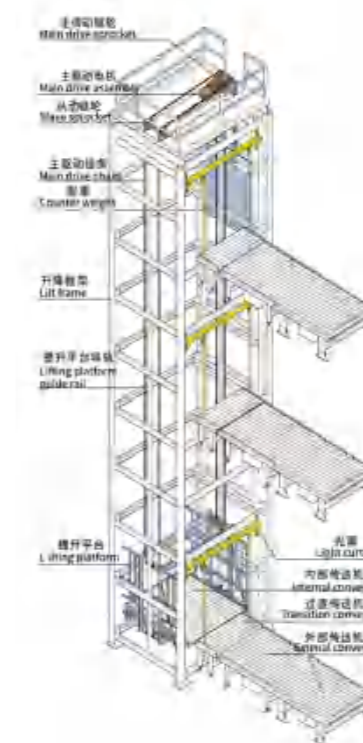
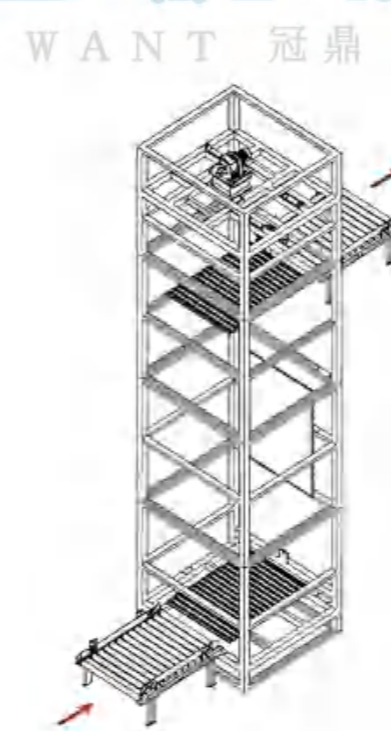


制造工厂  
Manufacturing Plant

四柱式Z型往复式提升机广泛应用于需要高负载、大尺寸物料运输的场合，尤其适用于制造工厂、仓储物流中心、重工业、汽车生产线以及电子和半导体行业等。其灵活的装卸方式使其能够满足不同物流流程的需求，尤其适合空间有限的环境，在多层楼之间高效、快速地运输货物，提高作业效率和生产力。

The 4-post Z-type vertical reciprocating conveyor is widely used in applications that require high load capacity and transportation of large-sized materials, especially in manufacturing plants, warehousing and logistics centers, heavy industries, automotive production lines, and electronics and semiconductor industries. Its flexible loading and unloading options meet various logistics process requirements, making it ideal for space-constrained environments. It efficiently and quickly transports goods between multiple floors, improving operational efficiency and productivity.

### ► 定制服务 / Customization Services



我们的四柱Z型往复式提升机支持定制化服务，以满足不同应用需求。可根据实际使用场景定制台面尺寸、载重能力和提升高度，确保最佳适配性。此外，该设备支持多种配套接驳输送方式，包括滚筒输送，链条输送，板链输送，灵活适用于各种物流流程，提升作业效率。

Our 4-post Z-type vertical reciprocating conveyor (VRC) offers customized services to meet various application needs. The platform size, load capacity, and lift height can be tailored according to the specific operational requirements, ensuring optimal compatibility. Additionally, the system supports various conveyor integration options, including roller conveyors, chain conveyors, and plate chain conveyors, providing flexibility for different logistics workflows and enhancing operational efficiency.

# FOUR-POST C-TYPE VRC LIFT

## 四柱C型往复式提升机



四柱式结构的C型往复式提升机是一种高效、灵活的垂直输送设备，专为需要从同侧进行装卸的场合设计。该设备允许货物从同一侧进行装载和卸载，提供了便捷的操作方式，极大地提高了作业效率。四柱式结构确保了更高的承载能力和稳定性，适用于各种规格和重量的物料，尤其是大型或重型货物的搬运。

The 4-post C-type vertical reciprocating conveyor (VRC) is an efficient and flexible vertical transport device, specifically designed for applications where loading and unloading are done from the same side. The system allows goods to be loaded and unloaded from the same side, offering a convenient operation mode that greatly enhances operational efficiency. The 4-post structure ensures higher load capacity and stability, making it suitable for handling materials of various sizes and weights, particularly large or heavy loads. Its compact design allows for efficient operation in space-constrained environments, optimizing logistics processes while improving safety and ease of operation.

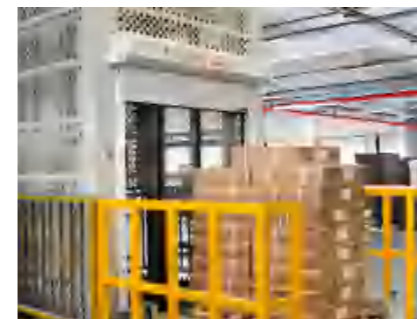


GRADIN  
REACH YOU WANT 冠鼎

### ► 功能特点 / Functional Characteristics

<p><b>C型装卸</b> C-type Loading and Unloading</p>	<p>支持C型装卸（同侧进出），提供便捷的操作模式，提高作业效率。 Supports C-type loading and unloading (loading and unloading from the same side), providing a convenient operating mode that improves operational efficiency.</p>
<p><b>适应性强</b> Strong Adaptability</p>	<p>C型装卸适用于需要频繁装卸的场合，特别是对于需要快速处理的物料运输，能够优化生产流程。 C-type loading and unloading is ideal for applications requiring frequent loading and unloading, especially for material transport that needs to be processed quickly, optimizing the production process.</p>
<p><b>节省空间</b> Space-saving</p>	<p>C型配置能够在有限的空间内提供有效的运输方案，适合空间受限的环境。 The C-type configuration provides an effective transport solution in limited spaces, making it suitable for environments with space constraints.</p>
<p><b>安全保障</b> Safety assurance</p>	<p>配备多重安全保护装置，如限位开关、防坠落系统和紧急停止按钮，确保操作人员和设备的安全。 Equipped with multiple safety features, such as limit switches, anti-fall systems, and emergency stop buttons, ensuring the safety of operators and equipment.</p>

### ► 应用场景 / Application Scenarios



仓储物流 Warehousing and Logistics



生产线 Production Line

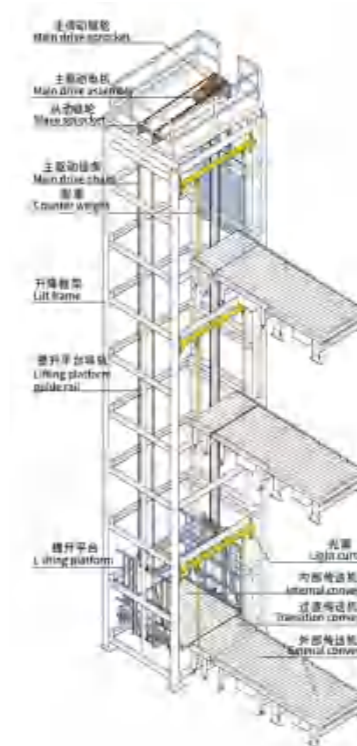
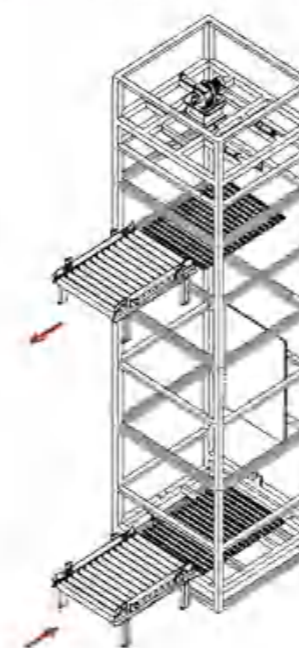


食品行业 Food Industry

C型往复式提升机广泛应用于仓储、生产线、物流中心、食品、医药、零售及批发市场等行业。其简便高效的同侧装卸设计，使得装卸过程更加便捷，特别适合需要频繁搬运和快速处理物料的环境。该设备能够在空间受限的场所提供高效的垂直运输解决方案，同时确保操作安全和物流流程的优化，广泛应用于重型物料、精密设备及商品的搬运。

The C-type vertical reciprocating conveyor (VRC) is widely used in industries such as warehousing, production lines, logistics centers, food, pharmaceuticals, retail, and wholesale markets. Its simple and efficient same-side loading and unloading design makes the process more convenient, especially in environments that require frequent handling and quick material processing. The system provides an efficient vertical transport solution in space-constrained areas while ensuring operational safety and optimizing logistics processes. It is commonly used for handling heavy materials, precision equipment, and goods transportation.

### ► 定制服务 / Customization Services



我们的四柱C型往复式提升机支持定制化服务，以满足不同应用需求。可根据实际使用场景定制台面尺寸、载重能力和提升高度，确保最佳适配性。此外，该设备支持多种配套接驳输送方式，包括滚筒输送、链条输送、板链输送，灵活适用于各种物流流程，提升作业效率。

Our 4-post C-type vertical reciprocating conveyor (VRC) offers customized services to meet various application needs. The platform size, load capacity, and lift height can be tailored according to the specific operational requirements, ensuring optimal compatibility. Additionally, the system supports various conveyor integration options, including roller conveyors, chain conveyors, and plate chain conveyors, providing flexibility for different logistics workflows and enhancing operational efficiency.

# FOUR-POST E-TYPE VRC LIFT

## 四柱E型往复式提升机



四柱 E 型往复式提升机特别适合多楼层的物料运输，尤其是在需要同侧进出的应用场景中。其同侧装卸设计使得装卸作业更加简便，能够有效地提高作业效率。适用于各类需要跨楼层运输的环境，如多层仓库、配送中心和生产车间等。通过提供稳定的垂直输送，四柱 E 型往复式提升机能够在多个楼层之间快速、安全地移动物料，且节省空间，最大程度地提高工作流畅性。

The 4-post E-type vertical reciprocating conveyor is especially suitable for multi-story material transport, particularly in applications requiring same-side loading and unloading. Its same-side loading and unloading design simplifies the process, effectively improving operational efficiency. It is ideal for environments that require vertical transport across multiple floors, such as multi-story warehouses, distribution centers, and production workshops. By providing stable vertical conveyance, the 4-post E-type VRC allows for the fast and safe movement of materials between floors, saving space and maximizing workflow efficiency.



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### ► 功能特点 / Functional Characteristics

#### 多楼层适用性

Multi-floor Applicability

适用于多层楼之间的物料运输，能够高效、稳定地在多个楼层之间搬运货物，节省空间并提升物流效率。  
Suitable for material transport between multiple floors, efficiently and stably moving goods between levels, saving space and improving logistics efficiency.

#### 灵活性高

Strong Adaptability

支持多种装卸模式，可根据工作需求选择合适的进出方式，满足不同物流流程。  
Supports multiple loading and unloading modes, allowing for the selection of the appropriate entry and exit method based on operational needs to meet different logistics processes.

#### 操作效率高

Space-saving

适合复杂的物料运输任务，提高了不同物流流程之间的转换效率。  
Ideal for complex material handling tasks, improving the efficiency of transitions between different logistics processes.

#### 安全保障

Safety assurance

配备多重安全保护装置，如限位开关、防坠落系统和紧急停止按钮，确保操作人员和设备的安全。  
Equipped with multiple safety features, such as limit switches, anti-fall systems, and emergency stop buttons, ensuring the safety of operators and equipment.

### ► 应用场景 / Application Scenarios



多层仓库 Multi-story Warehouse



配送中心 Distribution Center

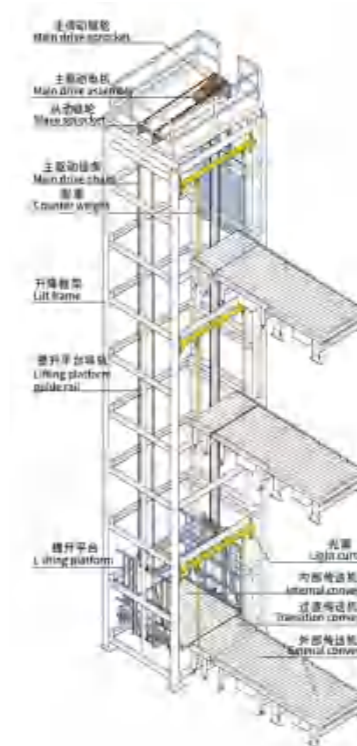


食品行业 Food Industry

四柱 E 型往复式提升机广泛应用于多层仓库、生产车间、配送中心、零售批发市场、食品和制药行业等场所，特别适合需要在多个楼层之间进行物料垂直运输的环境。其高效、稳定的物料搬运能力不仅能优化空间利用，还能显著提高作业效率，满足复杂的物流需求。

The 4-post E-type vertical reciprocating conveyor is widely used in multi-story warehouses, production workshops, distribution centers, retail and wholesale markets, as well as the food and pharmaceutical industries. It is particularly suitable for environments that require vertical material transport between multiple floors. Its efficient and stable material handling capability not only optimizes space utilization but also significantly improves operational efficiency, meeting the needs of complex logistics processes.

### ► 定制服务 / Customization Services



我们的四柱 E 型往复式提升机支持定制化服务，以满足不同应用需求。可根据实际使用场景定制台面尺寸、载重能力和提升高度，确保最佳适配性。此外，该设备支持多种配套接驳输送方式，包括滚筒输送、链条输送、板链输送，灵活适用于各种物流流程，提升作业效率。

Our 4-post E-type vertical reciprocating conveyor (VRC) offers customized services to meet various application needs. The platform size, load capacity, and lift height can be tailored according to the specific operational requirements, ensuring optimal compatibility. Additionally, the system supports various conveyor integration options, including roller conveyors, chain conveyors, and plate chain conveyors, providing flexibility for different logistics workflows and enhancing operational efficiency.

# AUTOMATED VRC LIFTS WITH AGVS

## AGV配套转运提升机



AGV（自动引导车）配套转运往复式提升机是一种高效的物料搬运设备，专为与AGV系统协同工作而设计。该提升机通过与AGV的无缝对接，实现物料的自动化垂直输送，提升了物流系统的整体效率。

The Automated VRC lift with AGV is an efficient material handling device specifically designed to work in conjunction with Automated Guided Vehicle (AGV) systems. By seamlessly integrating with AGVs, this lift facilitates automated vertical transportation of materials, thereby enhancing the overall efficiency of the logistics system.

### ► 功能特点 / Functional Characteristics

#### 自动化协同

Automated Integration

与AGV系统紧密集成，实现物料的自动化上下料，减少人工干预，提高作业效率。  
The lift is designed to work seamlessly with AGV systems, enabling automated loading and unloading of materials, which reduces manual intervention and increases operational efficiency.

#### 高效垂直输送

High-Efficiency Vertical Transport

采用往复式提升机制，确保物料在不同楼层之间的快速、安全传输。  
The lift provides stable and rapid vertical transportation of materials between different floors, meeting the demands of multi-level material handling.

#### 灵活适应性

Flexible Adaptability

可根据不同的物料类型和尺寸进行定制，满足多样化的物流需求。  
The system can be customized to accommodate various types and sizes of materials, ensuring optimal compatibility with diverse operational requirements.

#### 节省空间

Space-Saving Design

紧凑的设计占地面积小，适合空间有限的工作环境。  
With its compact structure, the lift occupies minimal floor space, making it ideal for environments with limited space availability.

### ► 应用场景 / Application Scenarios



多层仓库 Multi-story Warehouse



配送中心 Distribution Center



生产车间 Production Workshop

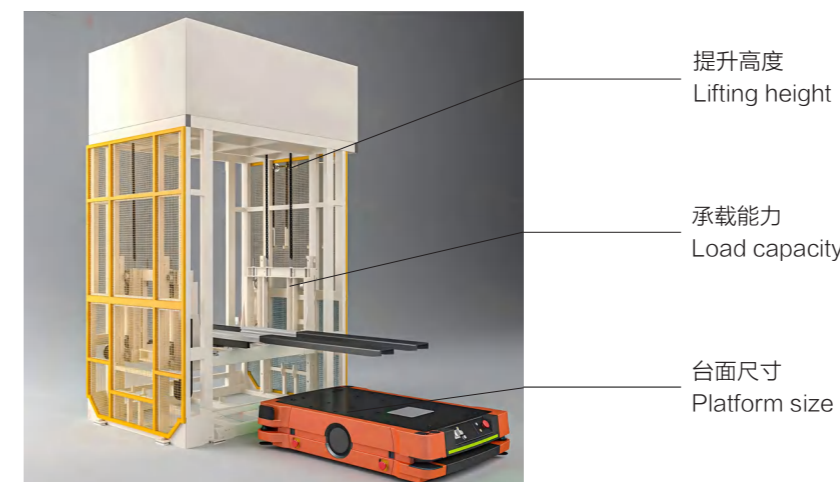
AGV（自动引导车）配套转运往复式提升机广泛应用于多层仓库、生产车间、配送中心等场所，特别适用于需要在多个楼层之间进行物料垂直运输的环境。通过与AGV系统的无缝对接，实现物料的自动化上下料，减少人工干预，提高作业效率。其高效的垂直输送功能，满足多层楼之间的物料传输需求，优化物流流程，提升整体生产效率。

The Automated VRC lift with AGV is widely used in multi-level warehouses, production workshops, distribution centers, and other locations, especially in environments where vertical material transportation between multiple floors is required. By seamlessly integrating with AGV systems, it enables automated loading and unloading of materials, reducing manual intervention and improving operational efficiency. Its efficient vertical transport function meets the material transfer needs between multiple floors, optimizing logistics processes and enhancing overall production efficiency.

### ► 定制服务 / Customization Services

我们的AGV配套转运提升机支持定制化服务，以满足不同应用需求。可根据实际使用场景定制台面尺寸、载重能力和提升高度，确保最佳适配性。此外，该设备支持多种配套接驳输送方式，包括滚筒输送，链条输送，板链输送，灵活适用于各种物流流程，提升作业效率。

Our Automated VRC lift with AGV offers customized services to meet various application needs. The platform size, load capacity, and lift height can be tailored according to the specific operational requirements, ensuring optimal compatibility. Additionally, the system supports various conveyor integration options, including roller conveyors, chain conveyors, and plate chain conveyors, providing flexibility for different logistics workflows and enhancing operational efficiency.



提升高度  
Lifting height

承载能力  
Load capacity

台面尺寸  
Platform size

# CONTINUOUS VERTICAL CONVEYORS

## 连续式提升机



连续垂直输送机 (CVC) 是一种高效的自动物料装载输送设备, 主要应用于箱式元件的连续提升输送。常见的配置有 "Z" 型、"C" 型和 "E" 型, 能够提供快速、稳定的物料输送。其占地面积小、传输速度快, 适合在空间有限的环境中使用。CVC 具有高效的搬运能力, 能够显著提升生产线的整体作业效率, 广泛应用于制造、仓储和物流等领域。

The Continuous Vertical Conveyor (CVC) is an efficient automatic material loading and conveying device, primarily used for the continuous vertical transportation of box-type components. Common configurations include "Z" type, "C" type, and "E" type, providing fast and stable material transport. With a compact footprint and high transfer speed, it is ideal for environments with limited space. The CVC offers high handling capacity, significantly improving the overall operational efficiency of production lines. It is widely used in manufacturing, warehousing, and logistics industries.

### ► 功能特点 / Functional Characteristics

#### 高效输送 Efficient Conveying

连续垂直输送机提供快速、稳定的物料输送, 能够显著提升作业效率, 减少生产过程中的等待时间。

The Continuous Vertical Conveyor provides fast and stable material transport, significantly improving operational efficiency and reducing waiting times in the production process.

#### 节省空间 Space-Saving

设备设计紧凑, 占地面积小, 适合空间有限的环境, 在高密度场所尤为有用。

The compact design and small footprint make it ideal for environments with limited space, especially in high-density areas.

#### 灵活性强 High Flexibility

支持多种配置 (如 Z 型、C 型、E 型等), 能够根据不同的工作需求进行定制, 适应不同的物料运输模式。

Supports various configurations (such as Z-type, C-type, E-type), allowing customization based on different operational needs to adapt to various material handling modes.

#### 自动化集成 Automation Integration

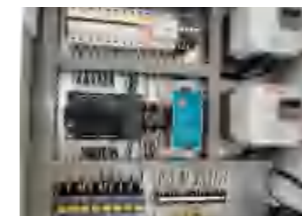
可以与自动化生产线和物流系统无缝集成, 提高整体物流效率。

Can be seamlessly integrated with automated production lines and logistics systems, enhancing overall logistics efficiency.

### ► 产品细节 / Product Details



滚轮输送带 Roller conveyor belt



控制柜 Control cabinet



驱动电机 Drive motor



载货板链 Cargo plate chain

连续垂直输送机通过精心设计的各个组件, 提供高效、稳定的物料运输解决方案。滚轮输送带确保平稳流畅的输送, 控制柜则通过自动化系统管理设备运行, 保障高效和稳定性。高功率的输送电机提供强大动力, 支持长时间持续运行, 载货板链则承载重物 and 大宗物料, 确保运输过程中物料不受阻碍。整体系统紧凑、灵活, 可与自动化生产线无缝对接, 广泛应用于多个行业, 提高了生产和物流效率。

The Continuous Vertical Conveyor offers an efficient and stable material transport solution through carefully designed components. The roller conveyor ensures smooth and seamless material flow, while the control cabinet manages the system's operation through an automated control system, ensuring efficiency and stability. The high-power conveyor motor provides strong power, supporting continuous operation for extended periods, and the load-bearing plate chain handles heavy and bulk materials, ensuring smooth transport without obstructions. The entire system is compact, flexible, and can seamlessly integrate with automated production lines, making it widely applicable in various industries to enhance production and logistics efficiency.

### ► 定制服务 / Customization Services

我们的连续式提升机支持定制化服务, 以满足不同应用需求。可根据实际使用场景定制台面尺寸、载重能力和提升高度, 确保最佳适配性。此外, 该设备支持多种装卸方式, 包括 Z 型、C 型、E 型, 灵活适应不同的物料运输模式, 提升作业效率。

Our Continuous Vertical Conveyor offers customizable services to meet various application needs. The platform size, load capacity, and lifting height can be tailored according to the specific use case to ensure optimal compatibility. Additionally, the equipment supports multiple loading and unloading modes, including Z-type, C-type, and E-type, providing flexibility to adapt to different material handling modes and improving operational efficiency.



C 型 C-Type



E 型 E-Type



Z 型 Z-Type

# CIRCULATING VERTICAL CONVEYORS

## 叉臂循环式提升机



叉臂循环式提升机是一种高效稳定的物料提升设备，适用于不同楼层之间的货物输送。它与进出口输送线组合，形成完整的连续升降系统，实现多楼层、多进多出的自动化作业，节省空间并提高效率。设备通过链条驱动和变频电机控制，自动将物料提升至指定位置，具备精准定位和高效输送的优势。适用于标准化件物料运输，并可与其他输送设备配合使用，满足不同方向的入口和出口需求。

The Circulating Vertical Conveyors is an efficient and stable material handling device, ideal for transporting goods between different floors. It is integrated with input and output conveyor lines, forming a complete continuous lifting system, enabling multi-floor, multi-entry, and multi-exit automated operations that save space and improve efficiency. The device is driven by a chain and controlled by a variable frequency motor, automatically lifting materials to designated positions with precise positioning and high conveying efficiency. It is suitable for transporting standardized items and can be integrated with other conveyor equipment to meet various entry and exit direction requirements.

### ► 功能特点 / Functional Characteristics

#### 结构简单 模块化设计 Simple Structure and Modular Design

设计简洁易懂，采用少量活动部件和封闭式驱动装置，结构紧凑，组装便捷，确保设备高效、安全运行。

The design is straightforward and easy to understand, with minimal moving parts and a closed-drive system. The compact structure ensures easy assembly, providing efficient and safe operation.

#### 多功能运输 Multi-Functional Transport

支持垂直物料运输，实现水平运输，适应多种物品的输送需求，满足各种作业环境。

Supports vertical material transport and can also achieve horizontal transport, adapting to various item types and meeting diverse operational needs.

#### 高效运行与分拣 Efficient Operation and Sorting

设备运行平稳，维护简便，适合跨楼层的物料输送，支持高效自动分拣，优化物流流程，提高工作效率并节省空间。

The equipment runs smoothly with easy maintenance, suitable for cross-floor material handling. It supports efficient automatic sorting, optimizing logistics processes, improving work efficiency, and saving space.

#### 自动化搬运 Automated Handling

与平面输送机配合使用，实现自动搬运，减少人力操作，提高工作效率。

When integrated with flat conveyors, it enables automated material handling, reducing manual labor and enhancing operational efficiency.



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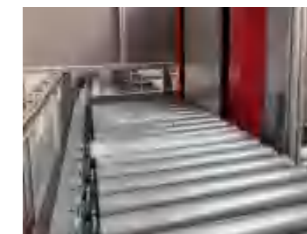
### ► 产品细节 / Product Details



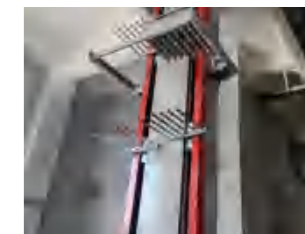
产品叉臂 Product Carrier



传动齿轮 Transmission gear



滚轮输送带 Roller conveyor belt



提升机立柱 Lift Column

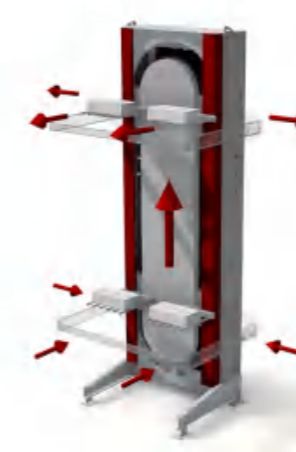
叉臂循环式提升机采用高质量的叉臂设计，确保物料稳固提升和精确定位。传动齿轮系统由耐用材料制成，提供平稳而高效的动力传输，延长设备使用寿命。配备的滚轮输送带能够平稳输送各种物料，降低摩擦力，提升运输效率。提升机立柱采用坚固的结构材料，保证设备的稳定性和承载能力，确保长时间高效、安全运行。每个细节都经过精心设计，确保提升机在高强度作业环境中的优异表现。

The product carrier design of the lifting machine ensures stable and precise positioning of materials during the lifting process. The transmission gears are made from durable materials, providing smooth and efficient power transfer, extending the equipment's lifespan. The equipped roller conveyor belt ensures smooth material transport, reducing friction and enhancing transportation efficiency. The lifting columns are made from sturdy structural materials, ensuring the stability and load-bearing capacity of the equipment, providing reliable and safe operation over extended periods. Every detail is carefully designed to ensure excellent performance in high-demand operational environments.

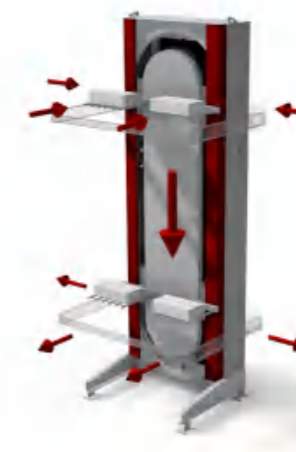
### ► 定制服务 / Customization Services

我们的叉臂循环式提升机支持定制化服务，以满足不同应用需求。可根据实际使用场景定制台面尺寸、载重能力和提升高度，确保最佳适配性。此外，该设备可实现不同方向的入口和出口，有多种形式的输送，灵活适应不同的物料运输模式，提升作业效率。

Our Circulating Vertical Conveyors offers customizable services to meet various application needs. The platform size, load capacity, and lifting height can be tailored according to the specific use case to ensure optimal compatibility. Additionally, the equipment allows for entry and exit in different directions and offers various forms of conveyor systems, providing flexibility to adapt to different material transportation modes, thereby enhancing operational efficiency.



入口方式选择  
Entrance method selection



出口方式选择  
Export method selection

# MATERIAL HANDLING RAIL-GUIDED SCISSOR LIFT

## 轨道行走式升降平台



该升降机专为钢坯铸造行业设计，具有高效、安全和耐用的特点。它非常适合在具有挑战性的工业环境中搬运重型材料，可沿导轨前后移动，并通过按钮控制升降操作，确保性能稳定。

This lift is specifically designed for the steel billet casting industry, featuring efficiency, safety, and durability. It is ideal for handling heavy materials in challenging industrial environments, with forward and backward movement along guide rails and button-controlled lifting operations to ensure stable performance.



### ► 功能特点 / Functional Characteristics

<p><b>强劲动力</b> Strong power</p>	<p>配备动力运输底座，同时支持带电导轨和独立直流电源。 Equipped with a powered transport base, supporting both live rail and self-contained DC power supply.</p>
<p><b>安全防护</b> Safety protection</p>	<p>配有安全护栏，可有效防止操作员意外跌落。 Features safety guardrails to effectively prevent accidental falls of operators.</p>
<p><b>精密设计</b> Precision design</p>	<p>采用高强度精密液压缸和进口密封圈，提高了设备的安全性和使用寿命。 Features safety guardrails to effectively prevent accidental falls of operators.</p>
<p><b>防腐防锈</b> Anti-corrosion and anti-rust</p>	<p>台面采用优质烤漆处理，防锈耐腐蚀，适合恶劣的工业环境。 The worktop is finished with high-quality baked paint for rust and corrosion resistance, suitable for harsh industrial conditions.</p>

### ► 应用场景 / Application Scenarios



通用型轨道行走式升降机  
Universal track-walking lift



高铁隧道线路铺设检修高空升降机  
High-altitude lift for laying and repairing high-speed rail tunnel lines

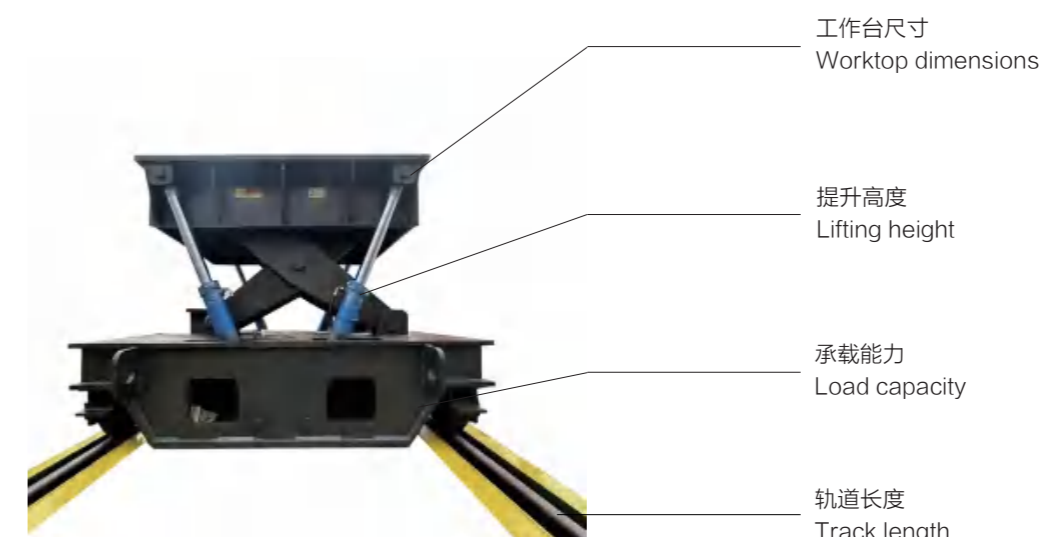
该升降机广泛应用于钢坯铸造、重型机械制造和仓储物流等行业，是提高生产效率和确保工作场所安全的最佳选择。

Widely used in industries such as steel billet casting, heavy machinery manufacturing, and warehousing logistics, this lift is the perfect choice for improving production efficiency and ensuring workplace safety.

### ► 定制服务 / Customization Services

这种非标准定制升降机可根据具体生产需求量身定制。为了给您提供最佳解决方案，请告知您的生产目的和设备参数（如承载能力、提升高度、工作台尺寸等）。

This non-standard customized lift can be tailored to meet specific production needs. To provide you with an optimal solution, please share your production purposes and equipment parameters (such as load capacity, lifting height, worktop dimensions, etc.).



# HEAVY DUTY HYDRAULIC SCISSOR LIFT TABLE

## 大台面大载重升降平台



该升降机专为解决搬运和提升重型物品而设计，具有最大的可靠性。这款升降台的承重能力可根据你的需求定制吨位，非常适合各种重型工业应用。它采用液压系统，确保操作简便，便于无缝升降货物，从而提高运营效率。这款升降台采用优质高强度钢和部件按订单制造，即使在最苛刻的工作环境中也能确保无与伦比的稳定性和可靠性。

This lift is designed to solve the problem of handling and lifting heavy objects with maximum reliability. The load-bearing capacity of this lift can be customized to your tonnage, making it ideal for a variety of heavy industrial applications. It uses a hydraulic system to ensure easy operation and facilitate seamless lifting and lowering of goods, thereby improving operational efficiency. This lift is made to order using high-quality high-strength steel and components to ensure unparalleled stability and reliability even in the most demanding working environments.



### ► 功能特点 / Functional Characteristics

<p><b>高承重力</b> High load-bearing capacity</p>	<p>起重能力最高达四百吨，可高效、有效地处理重物。 With a lifting capacity of up to four hundred tons, it can handle heavy objects efficiently and effectively.</p>
<p><b>液压系统</b> Hydraulic system</p>	<p>采用可靠的液压系统，实现平稳、可控的起升和下降操作。 It uses a reliable hydraulic system to achieve smooth and controlled lifting and lowering operations.</p>
<p><b>增强安全性</b> Enhanced safety</p>	<p>配备过载保护和安全锁等安全功能，确保起重操作安全。 Equipped with safety features such as overload protection and safety locks to ensure safe lifting operations.</p>
<p><b>耐用结构</b> Durable structure</p>	<p>由高强度钢等坚固材料制成，可满足重型工业应用的需求。 Made of strong materials such as high-strength steel, it can meet the needs of heavy industrial applications.</p>

### ► 应用场景 / Application Scenarios



大吨位剪叉升降平台  
Large tonnage scissor lift platform



固定剪叉升降平台带防坠推杆 + 机械硬支撑双保险  
Fixed scissor lift platform with anti-fall push rod and mechanical hard support double insurance

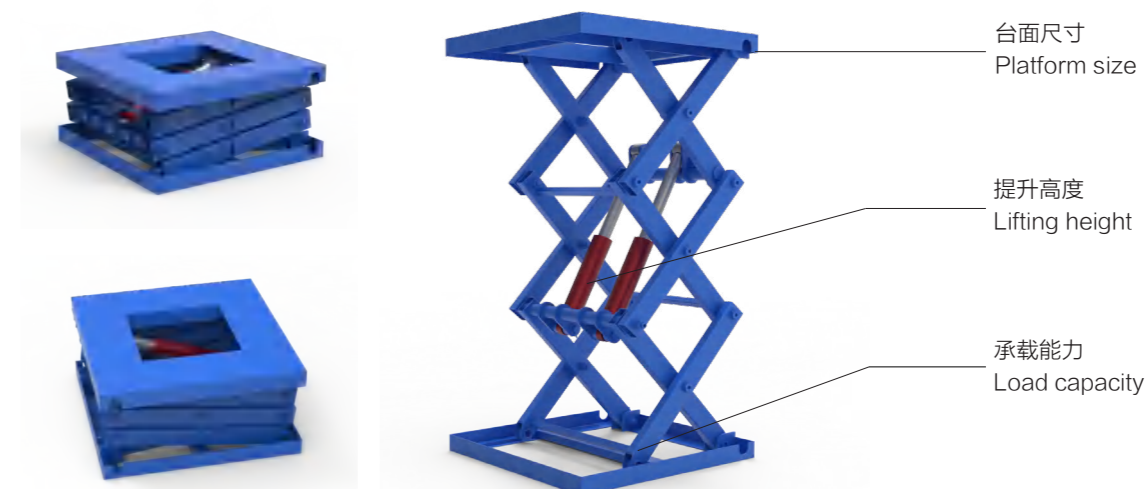
该升降机广泛应用于大型发动机维护维修、大吨位钢卷升降和物流装卸等行业，是提高生产效率和确保工作场所安全的最佳选择。

This lift is widely used in industries such as large engine maintenance and repair, large-tonnage steel coil lifting and logistics loading and unloading. It is the best choice to improve production efficiency and ensure workplace safety.

### ► 定制服务 / Customization Services

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# SCISSOR LIFT TABLES LOW PROFILE

## 超低自高式升降平台



主要用于在有限空间内实现货物的垂直运输。平台装货面与自面的自高 7mm 以内，其特点是平台能够在极低的高度下启动，并自动升高到所需位置，可实现不挖地坑的垂直升高工况。

It is mainly used to realize vertical transportation of goods in limited space. The height between the loading surface and the self-surface of the platform is within 7mm. Its characteristic is that the platform can be started at a very low height and automatically rise to the required position, which can realize vertical lifting conditions without digging a pit.



# GRADIN

REACH YOU

### ► 功能特点 / Functional Characteristics

<p><b>超低起始高度</b> Ultra-low starting height</p>	<p>平台设计紧凑，可在接近地面的高度启动，适合低矮空间。 The platform is compactly designed and can be started at a height close to the ground, suitable for low spaces.</p>
<p><b>自动升降</b> Automatic lifting</p>	<p>通过电动或液压系统，平台能自动升降，操作简便。 The platform can be automatically raised and lowered through an electric or hydraulic system, and the operation is simple.</p>
<p><b>高承载能力</b> High load capacity</p>	<p>尽管结构紧凑，但能承载较重货物，适应多种需求。 Despite the compact structure, it can carry heavier goods and adapt to various needs.</p>
<p><b>稳定性强</b> Strong stability</p>	<p>配备防滑表面、护栏等安全装置，确保运行平稳。 Equipped with safety devices such as anti-slip surface and guardrails to ensure smooth operation.</p>

### ► 应用场景 / Application Scenarios



超低带斜坡升降平台  
Scissor lift tables low profile with slope



U 型升降平台  
U-shaped lifting platforms

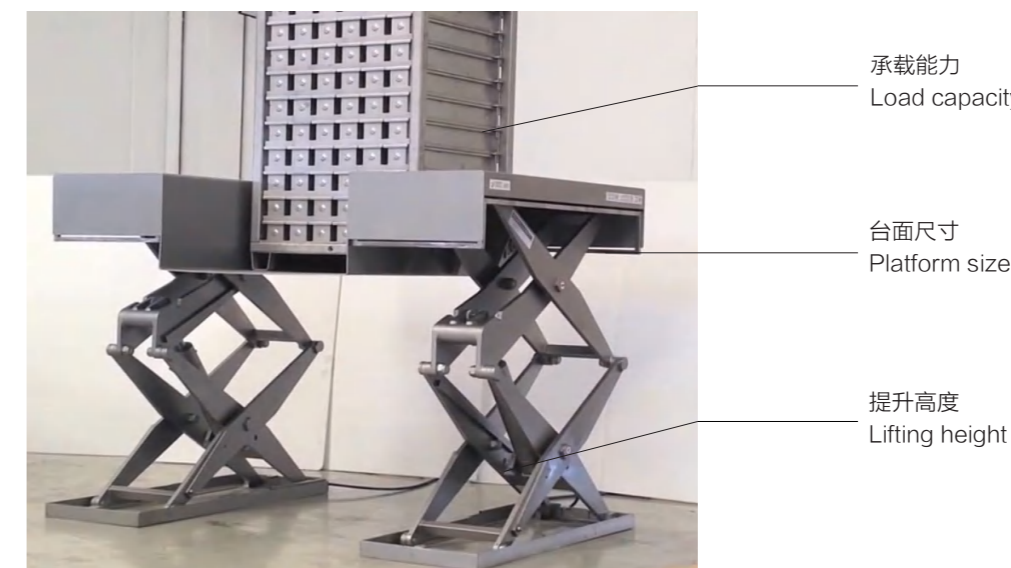
根据使用工况可设计超低带斜坡升降平台、U 型、E 型升降平台。

Scissor Lift Tables Low Profile with slope, U-shaped and E-shaped lifting platforms can be designed according to the working conditions.

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# HIGH-ACCURACY SCISSOR LIFT

## 高精度升降平台



该升降机适用于高精度升降作业，通过液压传动与硬性支撑方式精确的定位台面高度，实现台面直线性导轨驱动，为精密装配、质量检测、重型实验室提供精准、稳定、高效的升降解决方案。

This lift is suitable for high-precision lifting operations. It accurately locates the table height through hydraulic transmission and hard support, realizes the linear guide drive of the table, and provides accurate, stable and efficient lifting solutions for precision assembly, quality inspection, and heavy laboratories.



### ► 功能特点 / Functional Characteristics

#### 高精度定位 High-precision positioning

用液压传动与硬性支撑相结合的方式，实现台面平稳升降，定位精度可达  $\pm 5\text{mm}$ 。  
It adopts a combination of hydraulic transmission and hard support, the table can be raised and lowered smoothly, and the positioning accuracy is  $\pm 5\text{mm}$ .

#### 操作简便 Automatic lifting

人性化控制面板，操作简单，轻松实现台面升降、停止、锁定等功能。  
Equipped with a humanized control panel, the operation is simple and easy to understand, and the table lifting, stopping, locking and other functions can be easily realized.

#### 多种配置可选 High load capacity

可根据客户需求定制不同台面尺寸、承载能力、升降高度、控制方式等，满足多样化应用场景。  
Different table sizes, load capacities, lifting heights, control methods, etc. can be customized according to customer needs.

#### 安全传感器 Strong stability

边缘配备剪切区传感器，检测障碍物或潜在危险，确保人员设备的安全。  
The edge of the platform is equipped with a shear zone sensor to detect any obstacles or potential dangers to ensure the safety of technicians and equipment.

### ► 应用场景 / Application Scenarios



刚性链舞台升降机  
Rigid chain stage lift



刚性链剪叉升降机  
Rigid chain scissor lift

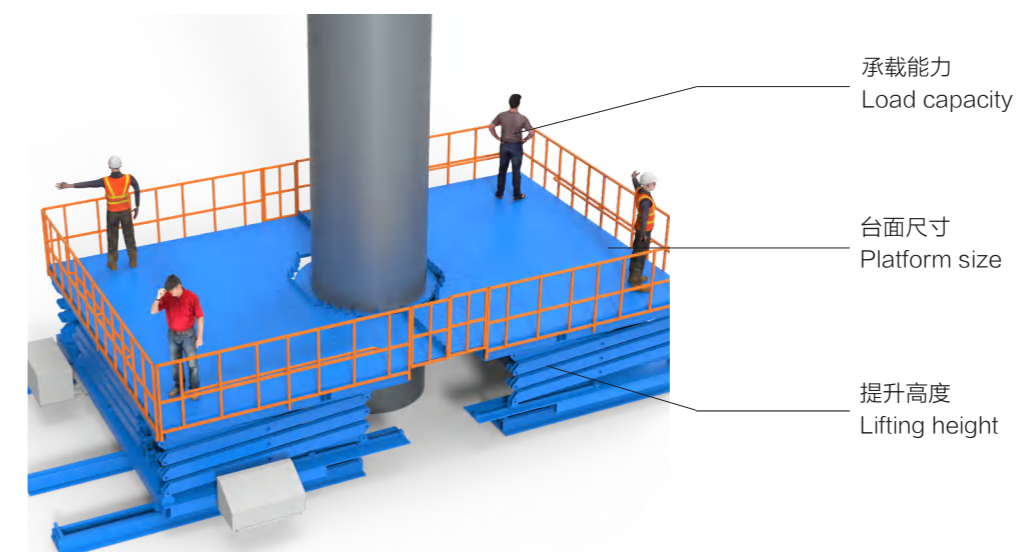
广泛应用于精密装配、舞台升降机、水下作业、电子制造等领域，完成高精度升降作业要求。

Widely used in precision assembly, stage lifts, underwater operations, electronic manufacturing and other fields to complete high-precision lifting operations.

### ► 定制服务 / Customization Services

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# LARGE SCISSOR LIFT PLATFORM FOR SLOPE TESTING

## 倾斜式升降平台



该剪叉式升降平台可用于多种斜坡测试需求，平台升降可以无线遥控操作坡度角度，根据需求定制不同坡面的摩擦力，可用于集装箱货物装卸及不同行业的各种车辆、机械和设备测试。

This scissor lift platform can be used for a variety of slope testing needs. The platform lifting can operate the slope angle wirelessly and remotely, and the friction of different slopes can be customized according to the needs. It can be used for container cargo handling and various vehicles, machinery and equipment testing in different industries.



### ► 功能特点 / Functional Characteristics

<p><b>斜坡模拟</b> Slope simulation</p>	<p>专为斜坡测试而设计，可准确复制各种倾斜角度以模拟真实情况。 Designed for slope testing and can accurately replicate various tilt angles to simulate real situations.</p>
<p><b>精确控制</b> Precise control</p>	<p>配备先进的控制系统，可精确调整斜坡角度，以准确满足测试要求。 Equipped with an advanced control system that can accurately adjust the slope angle to accurately meet the test requirements.</p>
<p><b>安全措施</b> Safety measures</p>	<p>内置安全功能，如护栏、紧急停止按钮和过载保护，在测试中优先操作员的安全。 Built-in safety features such as guardrails, emergency stop buttons and overload protection prioritize operator safety during testing.</p>
<p><b>用户友好型设计</b> User-friendly design</p>	<p>易于使用，具有直观的控制和符合人体工程学的设计元素，可实现高效操作。 Easy to use, with intuitive controls and ergonomic design elements for efficient operation.</p>

### ► 应用场景 / Application Scenarios



斜坡测试平台  
Slope test platform



工程车辆测试  
Engineering vehicle testing

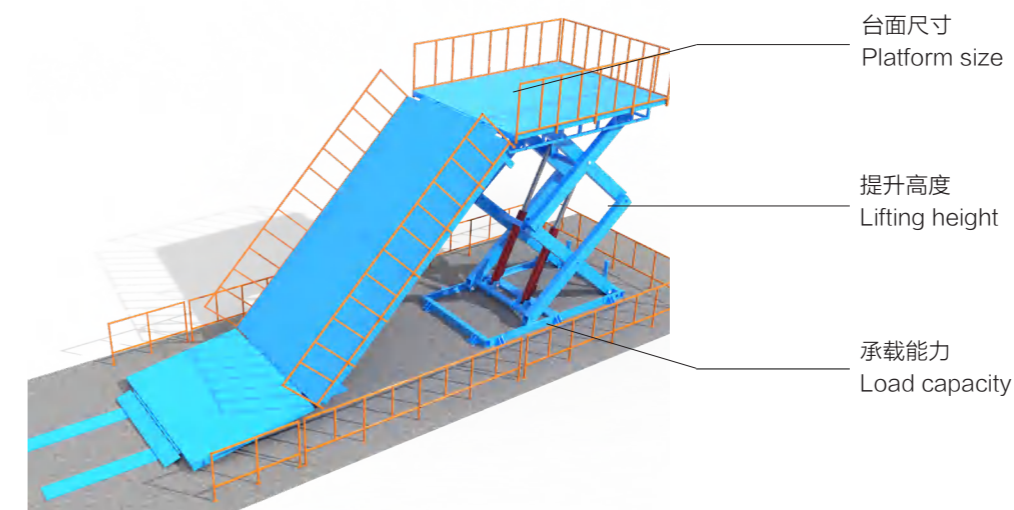
广泛应用于集装箱装卸、各种机械、车辆和设备的测试。

Widely used in container loading and unloading, testing of various machinery, vehicles and equipment.

### ► 定制服务 / Customization Services

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# TRUCK SCISSOR LIFT

## 装卸车升降平台



本系列产品专为高效、安全的货物装卸设计，涵盖卡车升降平台、剪叉式装卸货升降平台等多种类型，广泛应用于物流、仓储、制造等行业。这些设备旨在解决卡车装卸货过程中遇到的高度差、效率低、安全性差等问题，确保货物装卸的便捷性和操作人员的安全。

This series of products is designed for efficient and safe cargo loading and unloading, covering various types such as truck lifting platform, scissor-type loading and unloading lifting platform, etc., and is widely used in logistics, warehousing, manufacturing and other industries. These equipment are designed to solve the problems of height difference, low efficiency and poor safety encountered during truck loading and unloading, ensuring the convenience of cargo loading and unloading and the safety of operators.



### ► 功能特点 / Functional Characteristics

#### 快速调节 Quick adjustment

高度可根据卡车或装卸区域高度进行快速调节，减少等待时间，确保装卸过程流畅。  
The platform height can be quickly adjusted according to the height of the truck or loading and unloading area, reducing waiting time and ensuring a smooth loading and unloading process.

#### 多重安全保护 Multiple safety protections

配备防滑平台、安全护栏、紧急停止按钮等多重安全装置，防止操作中发生意外。  
The equipment is equipped with multiple safety devices such as anti-slip platform, safety guardrail, emergency stop button, etc., which effectively prevent accidents during operation.

#### 高度可调 Adjustable height

平台高度可根据需求进行灵活调节，适应不同车型和装卸环境，确保货物平稳装卸。  
The platform height can be flexibly adjusted according to actual needs, adapting to different vehicle models and loading and unloading environments, ensuring smooth loading and unloading of goods.

#### 远程控制 Remote control

部分型号支持远程控制功能，操作人员可在安全距离内进行设备操作，提升安全性。  
Some models support remote control function, and operators can operate the equipment at a safe distance to improve safety.

### ► 应用场景 / Application Scenarios



大吨位卡车升降平台  
Large tonnage truck lifting platform



剪叉式装卸货升降机  
Scissor loading and unloading lift

该升降机适用于物流中心、仓储、制造业、零售批发等多种场景，满足不同行业的装卸需求。

This lift is suitable for logistics centers, warehousing, manufacturing, retail and wholesale and other scenarios to meet the loading and unloading needs of different industries.

### ► 定制服务 / Customization Services

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# SCISSOR LIFT - CUSTOMIZED TABLE WITH ROLLERS

## 剪叉式升降机--台面定制加辊筒



台面加辊筒的剪叉式升降机是一种结合了剪叉式升降机构和辊筒输送功能的设备。它通过剪叉结构的升降机制实现台面的垂直升降，同时台面上的辊筒可以水平输送物料。这种设备广泛应用于需要频繁调整高度并进行物料输送的场合。

The scissor lift with table and roller is a device that combines the scissor lift mechanism and roller conveying function. It realizes the vertical lifting of the table through the lifting mechanism of the scissor structure, and the rollers on the table can convey materials horizontally. This equipment is widely used in occasions where frequent height adjustment and material conveying are required.



### ► 功能特点 / Functional Characteristics

<b>节省空间</b> Space saving	减少物料搬运所需空间，优化布局。 Reduce the space required for material handling and optimize the layout.
<b>衔接不同设备</b> Connect different equipment	在不同高度的设备间传递物料，确保生产流程顺畅。 Transfer materials between equipment at different heights to ensure smooth production process.
<b>辊筒输送功能</b> Roller conveying function	台面集成辊筒，可实现物料水平输送。辊筒可手动或电动驱动，满足不同输送需求。 The table integrates rollers to realize horizontal conveying of materials. The rollers can be driven manually or electrically to meet different conveying needs.
<b>灵活性强</b> Strong flexibility	可根据客户需求定制台面尺寸、升降高度和承载能力。辊筒材质可选（如钢制、塑料或不锈钢），适应不同工作环境。 The table size, lifting height and load capacity can be customized according to customer needs. The roller material is optional (such as steel, plastic or stainless steel) to adapt to different working environments.

### ► 产品细节 / Product Details



**提升油缸：精密加工，有效防止泄漏，提升整体使用寿命**  
The lifting cylinder is precisely processed to effectively prevent leakage and increase the overall service life



**可定制滚轮：根据客户的需求进行定制和表面处理选项**  
Customizable rollers customized and surface treatment options according to customer needs

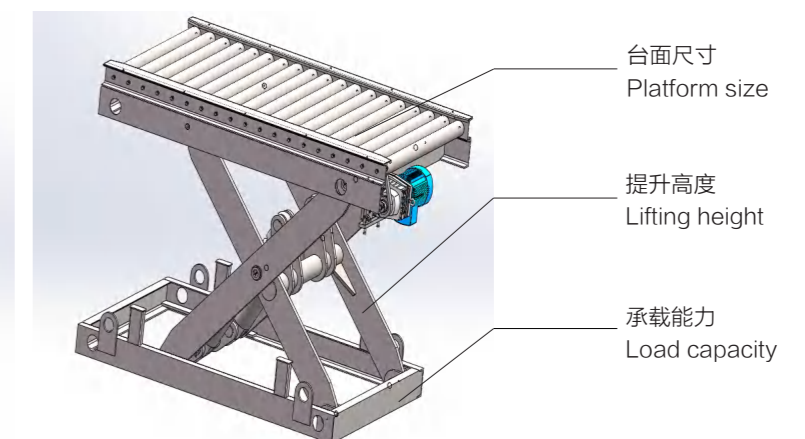
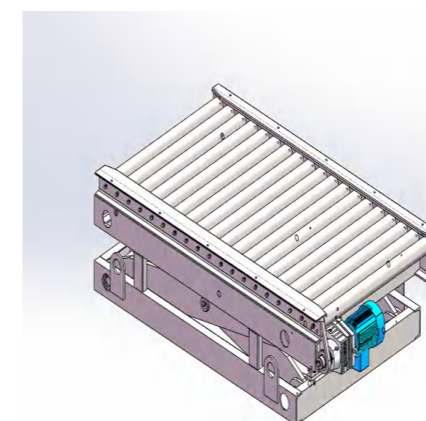


**高强度锰钢结构：优异抗冲击性能使其在极端工作条件下仍能保持稳定**  
High-strength manganese steel structure with excellent impact resistance makes it stable under extreme working conditions

### ► 定制服务 / Customization Services

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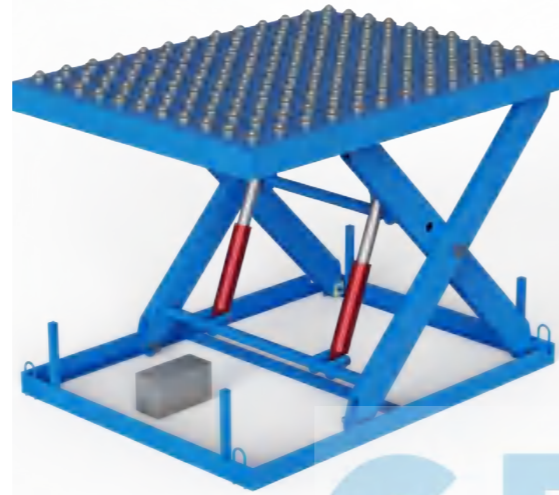
# SCISSOR LIFT - TABLE TOP CUSTOM PLUS BALL BEARINGS

## 剪叉式升降机--台面定制加滚珠



台面加滚珠升降平台是一种结合了升降功能和滚珠输送功能的设备，通过升降机构调整台面高度，适应不同工作需求。实现物料在不同高度之间的转移，台面嵌入滚珠，使物料可以轻松移动，减少摩擦，减少人工搬运，降低劳动强度。其灵活性和高效性使其成为现代化生产和物流中不可或缺的设备。

The table top plus ball bearing lifting platform is a device that combines lifting and ball conveying functions. The table top height is adjusted through the lifting mechanism to adapt to different work needs. To achieve the transfer of materials between different heights, the table top is embedded with balls, so that the materials can be easily moved, reduce friction, reduce manual handling, and reduce labor intensity. Its flexibility and efficiency make it an indispensable equipment in modern production and logistics.



### ► 功能特点 / Functional Characteristics

<p><b>灵活性强</b> Strong flexibility</p>	<p>可根据需求定制台面尺寸、升降高度和承载能力。 The table top size, lifting height and load capacity can be customized according to needs.</p>
<p><b>精准定位</b> Precise positioning</p>	<p>滚珠设计使物料可以精确定位，适合精密操作。 The ball bearing design allows the material to be accurately positioned, which is suitable for precision operation.</p>
<p><b>提高效率</b> Improve efficiency</p>	<p>实现物料快速转移，提升生产效率。 Realize rapid material transfer and improve production efficiency.</p>
<p><b>滚珠输送功能</b> Ball conveying function</p>	<p>台面嵌入滚珠，使物料可以轻松移动，减少摩擦。 The table top is embedded with balls, so that the material can be easily moved and reduce friction.</p>

### ► 产品细节 / Product Details



**滚珠设计：**台面采用高精度滚珠设计减少摩擦阻力，使台面移动更加平稳、灵活  
The tabletop adopts high-precision ball design to reduce friction resistance, making the tabletop move more smoothly and flexibly



**控制系统：**具备高精度、高响应的特点。轻松设置调整设备参数，实现自动化控制  
The control system has the characteristics of high precision and high response. Easily set and adjust equipment parameters through the touch screen or remote operation interface to achieve automatic control

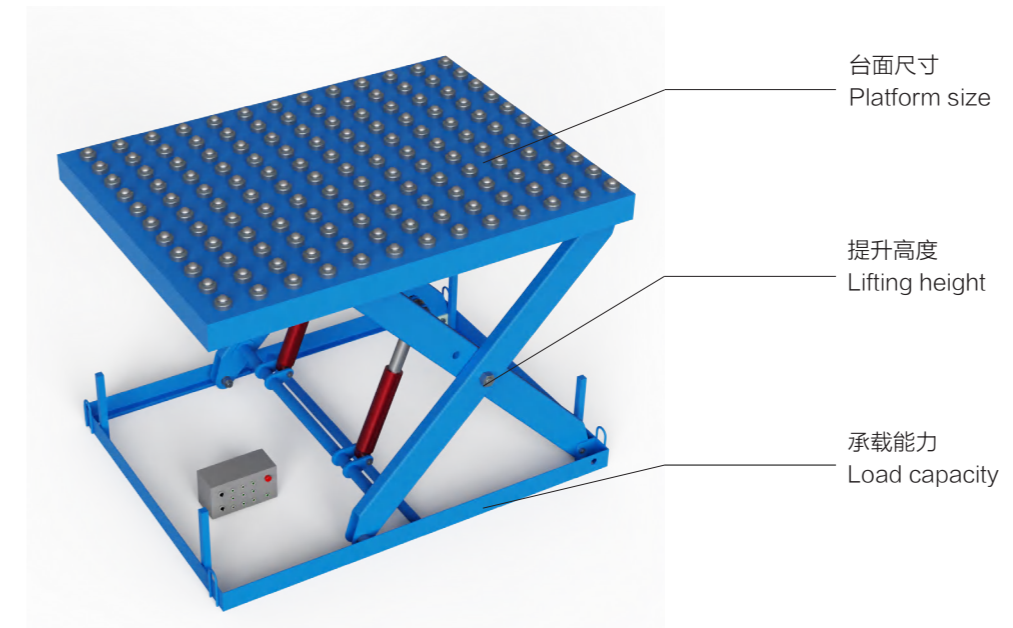


**泵站：**采用高效液压泵和电机组合，提供稳定且强劲的动力输出  
The pump station adopts a high-efficiency hydraulic pump and motor combination to provide stable and strong power output

### ► 定制服务 / Customization Services

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# SCISSOR LIFT - CUSTOM TABLE ROTATION

## 剪叉式升降机--台面定制旋转



这款剪叉式升降机专为需要灵活作业的场景设计，其最大亮点在于可定制旋转台面，突破了传统升降机只能垂直升降的限制，实现 360 度全方位旋转，为您提供更高效、更便捷的高空作业解决方案。

This scissor lift is designed for scenes that require flexible operation. Its biggest highlight is the customizable rotating table, which breaks the limitation of traditional lifts that can only lift vertically and achieves 360-degree rotation, providing you with a more efficient and convenient high-altitude operation solution.



### ► 功能特点 / Functional Characteristics

#### 台面定制旋转 Customized table rotation

台面可根据实际需求定制尺寸和承载能力，并配备360度旋转功能，提高工作效率。  
The table can be customized in size and load capacity according to actual needs, and is equipped with a 360-degree rotation function to improve work efficiency.

#### 稳定可靠 Stable and reliable

采用高强度钢材和精密焊接工艺，结构稳固，运行平稳，确保作业安全。  
High-strength steel and precision welding technology are used, the structure is stable, the operation is smooth, and the operation is safe.

#### 操作简便 Easy to operate

配备人性化控制面板，操作简单易懂，即使非专业人员也能快速上手。  
Equipped with a user-friendly control panel, the operation is simple and easy to understand, even non-professionals can quickly get started.

#### 安全功能 Safety function

配备过载保护和紧急停止控制等安全机制，确保操作员在升降操作期间的安全。  
Equipped with safety mechanisms such as overload protection and emergency stop control to ensure the safety of the operator during lifting operations.

### ► 应用场景 / Application Scenarios



旋转升降展示台  
Rotating lifting display platform



旋转升降舞台  
Rotating lifting stage

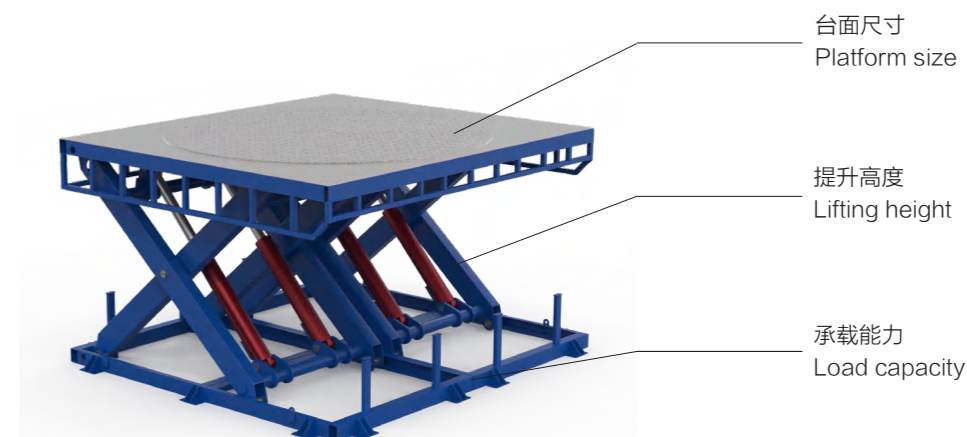
该升降机适用于各类演出舞台、产品展馆等。

This lift is suitable for various performance stages, product exhibition halls, etc.

### ► 定制服务 / Customization Services

这种非标准定制升降机可根据具体生产需求量身定制。为了给您提供最佳解决方案，请告知您的生产目的和设备参数（如承载能力、提升高度、工作台尺寸等）。

This non-standard custom lift can be tailored to specific production needs. In order to provide you with the best solution, please inform your production purpose and equipment parameters (such as load capacity, lifting height, workbench size, etc.).



# SCISSOR LIFT - TABLE CUSTOMIZATION AND FLIPPING

## 剪叉式升降机--台面定制加翻转



本款剪叉式升降机在传统剪叉式结构的基础上，对台面进行了定制化设计，并增加了翻转功能。用户可以根据实际需求，选择不同尺寸、材质、承载能力的台面，例如防滑台面、滚轮台面、绝缘台面等。翻转功能则可以实现台面0-90度的自由翻转，方便货物的装卸和特殊角度的作业。

Product introduction: Based on the traditional scissor lift structure, this scissor lift has customized the table design and added a flipping function. Users can choose table tops of different sizes, materials, and load-bearing capacities according to actual needs, such as non-slip table tops, roller table tops, insulating table tops, etc. The flipping function can realize the free flipping of the table top from 0 to 90 degrees, which is convenient for loading and unloading of goods and operations at special angles.



### ► 功能特点 / Functional Characteristics

<b>台面定制</b> Table top customization	根据用户需求定制台面尺寸、材质、承载能力，满足不同场景的使用需求。 Customize the table top size, material, and load-bearing capacity according to user needs to meet the use requirements of different scenarios.
<b>翻转功能</b> Flipping function	台面可0-90度自由翻转，方便装卸货物和进行特殊角度作业，提高工作效率。 The table top can be flipped freely from 0 to 90 degrees, which is convenient for loading and unloading of goods and special angle operations, and improves work efficiency.
<b>结构稳定</b> Structural stability	采用高强度钢材制造，结构稳定，配备防坠装置等安全设施，确保操作安全。 Made of high-strength steel, the structure is stable, and equipped with safety facilities such as anti-fall devices to ensure safe operation.
<b>维护方便</b> Easy maintenance	结构设计合理，维护方便，使用寿命长。 The structure is reasonably designed, easy to maintain, and has a long service life.

### ► 产品细节 / Product Details



异形台面定制翻转，根据不同使用场景可定制异形台面  
The special-shaped countertop can be customized and flipped according to different usage scenarios

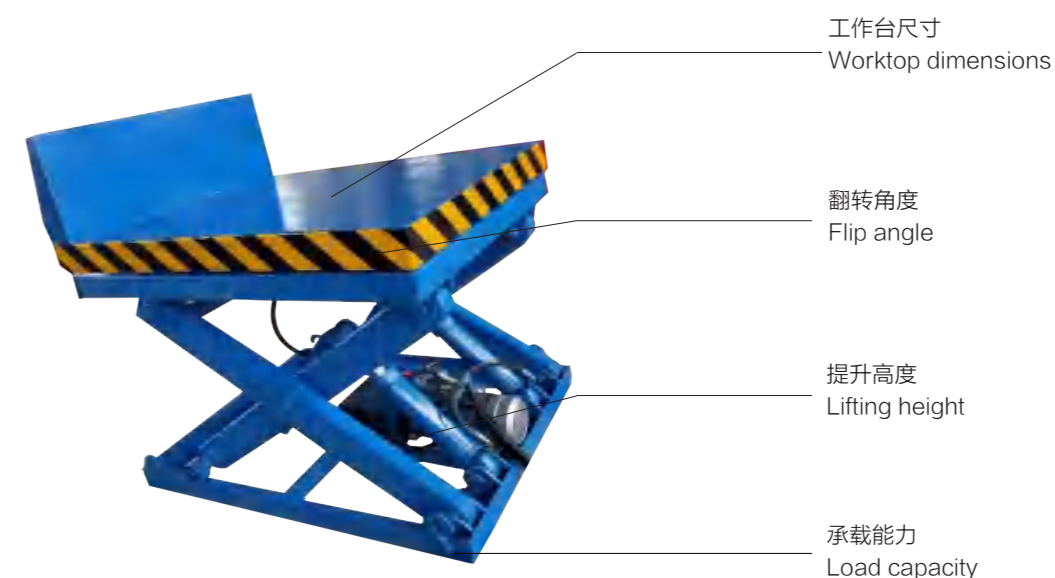


翻转角度定制，0-90° 翻转，可任意角度定制、任意角度停止  
The flip angle can be customized, 0-90° flip, and can be customized and stopped at any angle

### ► 定制服务 / Customization Services

这种非标准定制升降机可根据具体生产需求量身定制。为了给您提供最佳解决方案，请告知您的生产目的和设备参数（如承载能力、提升高度、工作台尺寸等）。

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# SCISSOR LIFT - CUSTOM TELESCOPIC TABLE

## 剪叉式升降机--台面定制伸缩



本产品在传统剪叉式升降机的基础上，创新性地推出了台面定制伸缩功能，可根据实际需求灵活调整台面尺寸，可满足钢铁行业技术人员、园林绿化与市政工程、电力通讯与设备维护以及其他需要灵活调整工作空间和高空作业的场景等不同场景下的使用需求。

Based on the traditional scissor lift, this product innovatively launched the custom telescopic function of the table, which can flexibly adjust the size of the table according to actual needs, and can meet the use needs of different scenarios such as technicians in the steel industry, landscaping and municipal engineering, power communications and equipment maintenance, and other fields that require flexible adjustment of workspace and high-altitude operations.



### ► 功能特点 / Functional Characteristics

<p><b>台面定制伸缩</b> Custom telescopic table</p>	<p>台面可根据实际需求进行伸缩，灵活调整工作区域大小，满足不同尺寸货物搬运或人员作业的需求。 The table can be telescopic according to actual needs, and the size of the working area can be flexibly adjusted to meet the needs of cargo handling or personnel operations of different sizes.</p>
<p><b>稳定可靠</b> Stable and reliable</p>	<p>采用高强度钢材和精密焊接工艺，结构稳固，运行平稳，确保作业安全。 High-strength steel and precision welding technology are used, the structure is stable, the operation is smooth, and the operation is safe.</p>
<p><b>操作简便</b> Easy to operate</p>	<p>配备人性化控制面板，操作简单易懂，即使非专业人员也能快速上手。 Equipped with a user-friendly control panel, the operation is simple and easy to understand, and even non-professionals can quickly get started.</p>
<p><b>安全功能</b> Safety function</p>	<p>配备过载保护和紧急停止控制等安全机制，确保操作员在升降操作期间的安全。 Equipped with safety mechanisms such as overload protection and emergency stop control to ensure the safety of the operator during lifting operations.</p>

### ► 应用场景 / Application Scenarios



多种尺寸方向伸缩可定做  
Various sizes and directions can be customized



钢铁铸造厂定制产品  
Customized products for steel foundries



机械制造厂使用，增加工作效率  
Used by machinery manufacturers to increase work efficiency

该升降机适用于钢铁行业技术人员、园林绿化与市政工程、电力通讯与设备维护等。

This lift is suitable for technicians in the steel industry, landscaping and municipal engineering, power communications and equipment maintenance, etc.

### ► 定制服务 / Customization Services

这种非标准定制升降机可根据具体生产需求量身定制。为了给您提供最佳解决方案，请告知您的生产目的和设备参数（如承载能力、提升高度、工作台尺寸等）。

This non-standard custom lift can be tailored to specific production needs. In order to provide you with the best solution, please inform your production purpose and equipment parameters (such as load capacity, lifting height, workbench size, etc.).



台面尺寸  
Platform size

提升高度  
Lifting height

承载能力  
Load capacity

# SCISSOR LIFT - SPECIAL-SHAPED TABLE LIFT

## 剪叉式升降机--异形台面升降机



剪叉式升降机是一种广泛应用于装配、工业、物流等领域的垂直升降设备，异形台面升降机是在传统剪叉式升降机的基础上，针对特殊应用场景进行优化设计的产品，能够满足不同行业对升降平台的多样化需求，以其稳定性高、承载能力强、操作简便等特点深受用户青睐。

Scissor lift is a kind of vertical lifting equipment widely used in assembly, industry, logistics and other fields. Special-shaped table lift is a product optimized for special application scenarios based on traditional scissor lift. It can meet the diverse needs of different industries for lifting platforms. It is favored by users for its high stability, strong carrying capacity and easy operation.



### ► 功能特点 / Functional Characteristics

#### 异形台面设计

Special-shaped table design

台面形状可根据客户需求进行定制。无论是圆形、椭圆形、多边形，还是其他不规则形状，均可根据实际使用场景进行设计，确保设备能够完美适应特殊工作环境。

The shape of the table can be customized according to customer needs. Whether it is round, oval, polygonal, or other irregular shapes, it can be designed according to the actual use scenario to ensure that the equipment can perfectly adapt to the special working environment.

#### 稳定可靠

Stable and reliable

采用高强度钢材和精密焊接工艺，结构稳固，运行平稳，确保作业安全。

High-strength steel and precision welding technology are used, the structure is stable, the operation is smooth, and the operation is safe.

#### 操作简便

Easy to operate

配备人性化控制面板，操作简单易懂，即使非专业人员也能快速上手。

Equipped with a user-friendly control panel, the operation is simple and easy to understand, and even non-professionals can quickly get started.

#### 安全功能

Safety function

配备过载保护和紧急停止控制等安全机制，确保操作员在升降操作期间的安全。

Equipped with safety mechanisms such as overload protection and emergency stop control to ensure the safety of the operator during lifting operations.

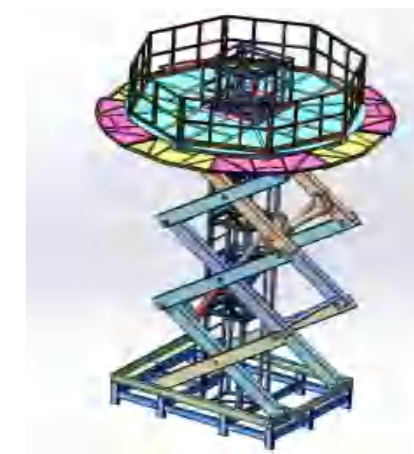
### ► 应用场景 / Application Scenarios



带旋转器的定制剪式举升机  
Custom Scissor Lift with Rotator



钢铁行业重型钢包升降器  
Heavy Duty Ladle Lift for Steel Industry



用于装配的多级剪刀式升降器  
Multi-Stage Scissor Lift for Assembly

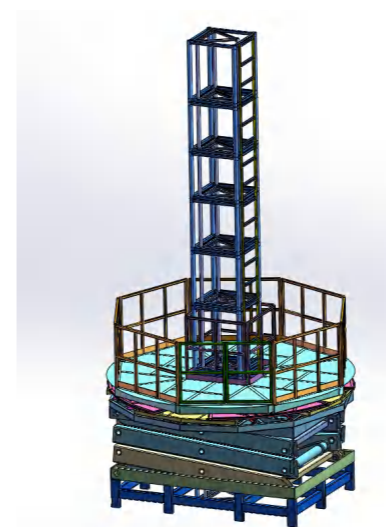
该升降机适用于工业装配、特殊环境等。

This lift is suitable for industrial assembly, special environments, etc.

### ► 定制服务 / Customization Services

这种非标准定制升降机可根据具体生产需求量身定制。为了给您提供最佳解决方案，请告知您的生产目的和设备参数（如承载能力、提升高度、工作台尺寸等）。

This non-standard custom lift can be tailored to specific production needs. In order to provide you with the best solution, please inform your production purpose and equipment parameters (such as load capacity, lifting height, workbench size, etc.).



台面尺寸  
Platform size

提升高度  
Lifting height

承载能力  
Load capacity

GRADIN  
REACH YOU WANT 冠鼎

# SPECIAL STAINLESS STEEL SCISSOR LIFT PLATFORM

## 特殊要求--不锈钢剪叉升降平台



在食品、医药等对卫生安全要求极高的行业，生产环境的洁净度直接关系到产品质量。为此，我们推出316食品级不锈钢剪叉升降平台，专为洁净车间设计，助力企业打造安全、高效的生产环境。

In industries such as food and medicine that have extremely high requirements for hygiene and safety, the cleanliness of the production environment is directly related to product quality. To this end, we launched the 316 food-grade stainless steel scissor lift platform, which is specially designed for clean workshops to help companies create a safe and efficient production environment.



### ► 功能特点 / Functional Characteristics

#### 安全卫生 Safety and hygiene

台面采用316食品级不锈钢，具备优异的耐腐蚀性、耐高温性和易清洁性，有效防止细菌滋生，确保产品卫生安全。  
The tabletop is made of 316 food-grade stainless steel, which has excellent corrosion resistance, high temperature resistance and easy cleaning, effectively preventing bacteria from growing and ensuring product hygiene and safety.

#### 坚固耐用 Sturdy and durable

采用先进的折弯工艺，结构稳固，承重能力强，使用寿命长，满足高强度作业需求。  
It adopts advanced bending technology, has a stable structure, strong load-bearing capacity, and long service life, meeting the needs of high-intensity operations.

#### 易于清洁 Easy to clean

表面光滑平整，无卫生死角，可快速清洁消毒，符合洁净车间卫生标准。  
The surface is smooth and flat, with no sanitary dead corners, and can be quickly cleaned and disinfected, meeting the hygiene standards of clean workshops.

#### 平稳升降 Smooth lifting

采用剪叉式升降机构，运行平稳，定位精准，满足不同高度作业需求。  
It adopts a scissor-type lifting mechanism, which runs smoothly and has precise positioning to meet the needs of operations at different heights.

### ► 应用场景 / Application Scenarios



316 不锈钢酒庄固定剪叉升降平台  
316 stainless steel winery fixed shear and lifting platform



不锈钢剪叉式升降机加风琴罩防护  
Stainless steel scissor lift with organ cover protection



双跨不锈钢升降机食品药品专用  
Double-span stainless steel lift for food and medicine

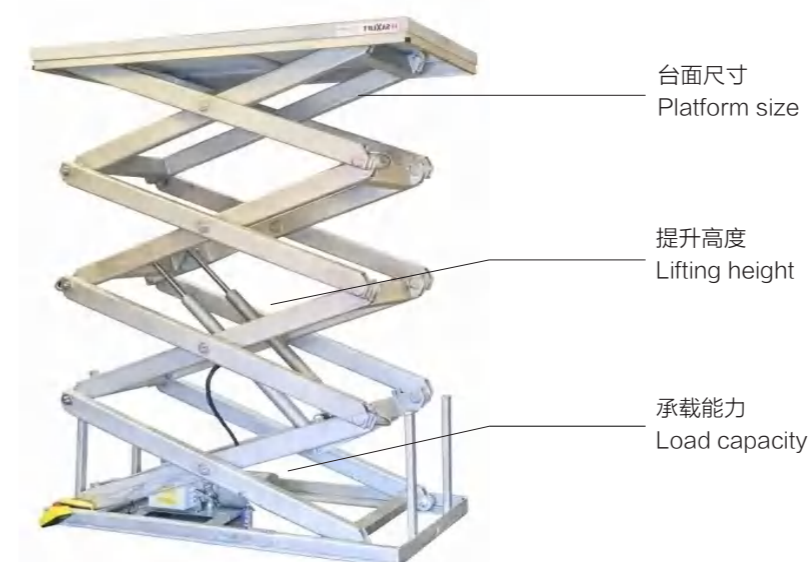
该升降机适用于食品、医药生产包装线确保生产环境洁净无菌，以及电子化工等对洁净度要求较高的行业。

This lift is suitable for food and pharmaceutical production and packaging lines to ensure a clean and sterile production environment, as well as electronic and chemical industries with high cleanliness requirements.

### ► 定制服务 / Customization Services

这种非标准定制升降机可根据具体生产需求量身定制。为了给您提供最佳解决方案，请告知您的生产目的和设备参数（如承载能力、提升高度、工作台尺寸等）。

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# EXPLOSION-PROOF SCISSOR LIFT PLATFORM

## 防爆剪叉式升降平台



防爆剪叉式升降平台是一种专为防止火花、电弧或高温气体引发爆炸而设计的特殊升降设备。它采用防爆电机、防爆控制系统、密封保护设计等技术，能够有效隔离外部环境中的易燃气体或粉尘，保障设备在高危环境下的安全运行。常见应用于化工厂、石油天然气行业、煤矿、电力厂、仓库等危险区域，确保在恶劣环境中货物的安全垂直运输。

The Explosion-proof scissor lift platform is a specialized lifting equipment designed to prevent explosions caused by sparks, electric arcs, or high-temperature gases. It uses explosion-proof motors, explosion-proof control systems, and sealed protection designs, effectively isolating flammable gases or dust in the external environment, ensuring safe operation in hazardous conditions. It is commonly used in chemical plants, oil and gas industries, coal mines, power plants, warehouses, and other hazardous areas, ensuring the safe vertical transportation of goods in harsh environments.



### ► 功能特点 / Functional Characteristics

<b>防爆设计</b> Explosion-proof design	配备防爆电机、防爆控制系统、密封保护设计，确保在危险环境下安全运行。 Equipped with explosion-proof motors, explosion-proof control systems, and sealed protection designs to ensure safe operation in hazardous environments.
<b>高安全性</b> High safety	有效隔离易燃气体或粉尘，防止火花、电弧引发爆炸。 Effectively isolates flammable gases or dust to prevent sparks or electric arcs from causing explosions.
<b>防水防尘</b> Waterproof and dustproof	配备密封系统，防止外界水分和灰尘进入设备，适应更恶劣的工作条件。 Equipped with a sealing system to prevent external moisture and dust from entering the equipment, making it suitable for harsher working conditions.
<b>低维护成本</b> Low maintenance cost	设备结构简单，便于维护，减少故障率，降低长期使用成本。 Simple structure for easy maintenance, reducing failure rates and lowering long-term operating costs.

### ► 防爆配置 / Explosion-proof configuration



防爆开关  
Explosion-proof Switch



防爆控制箱  
Explosion-proof Control Box



防爆限位开关  
Explosion-proof Limit Switch



防爆召唤开关  
Explosion-proof Call Switch

防爆剪叉式升降平台配备防爆开关、防爆控制箱、防爆限位开关、防爆召唤开关等关键组件，确保在易燃易爆环境下安全运行。所有配置均符合防爆标准，有效防止火花、电弧或高温引发爆炸，适用于化工、石油、煤矿、电力等高危险场所。

The Explosion-proof scissor lift platform is equipped with explosion-proof switches, explosion-proof control boxes, explosion-proof limit switches, and explosion-proof call switches, ensuring safe operation in flammable and explosive environments. All configurations comply with explosion-proof standards, effectively preventing sparks, electric arcs, or high temperatures from causing explosions. It is ideal for chemical plants, oil and gas industries, coal mines, and power plants.

### ► 定制服务 / Customization Services

这种非标准定制升降机可根据具体生产需求量身定制。为了给您提供最佳解决方案，请告知您的生产目的和设备参数（如承载能力、提升高度、工作台尺寸等）。

This non-standard custom lift can be tailored to specific production needs. In order to provide you with the best solution, please inform your production purpose and equipment parameters (such as load capacity, lifting height, workbench size, etc.).



台面尺寸  
Platform size

提升高度  
Lifting height

承载能力  
Load capacity

# SPECIAL UNDERWATER LIFTING PLATFORM

## 特殊要求--水下使用升降平台



本产品是一款专为水下环境设计的剪叉式升降平台，采用高品质316L 不锈钢材质，具备出色的耐腐蚀性和耐用性，适用于各种水下实验和设备安装需求。该平台通过其独特的剪叉机械结构，能够稳定、精准地模拟不同水深条件，满足水下舞台、科研、工程及实验领域的多样化需求。

This product is a scissor-type lifting platform designed for underwater environment. It is made of high-quality 316L stainless steel, has excellent corrosion resistance and durability, and is suitable for various underwater experiments and equipment installation needs. Through its unique scissor-type mechanical structure, the platform can stably and accurately simulate different water depth conditions to meet the diverse needs of underwater stages, scientific research, engineering and experimental fields.



## 功能特点 / Functional Characteristics

### 剪叉式结构 Scissor-type structure

剪叉式设计平台稳定性和承载能力强，能够在升降过程中保持平稳运行，避免晃动或倾斜，确保实验数据的准确性和设备的安全性。

The scissor-type design platform has strong stability and load-bearing capacity, and can maintain stable operation during lifting and lowering, avoid shaking or tilting, and ensure the accuracy of experimental data and the safety of equipment.

### 精准高度控制 Accurate height control

配备先进的触摸屏控制系统，轻松设置目标高度，实时监控当前高度。控制系统操作直观，响应迅速，满足高精度实验需求。

Equipped with an advanced touch screen control system, it is easy to set the target height and monitor the current height in real time. The control system is intuitive to operate and responds quickly to meet the needs of high-precision experiments.

### 多功能水下应用 Multifunctional underwater application

该平台专为水下实验设计，可用于安装各类模型和实验设备，广泛应用于海洋工程、水下科研、设备测试等领域。

The platform is designed for underwater experiments and can be used to install various models and experimental equipment. It is widely used in marine engineering, underwater scientific research, equipment testing and other fields.

### 高承载能力 High load-bearing capacity

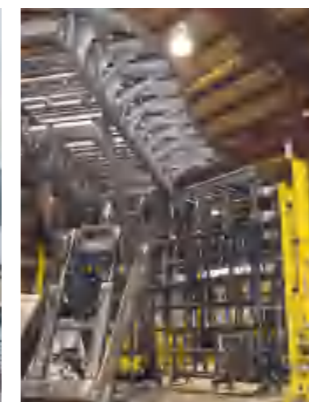
剪叉结构的力学优势，平台能够承载较重的实验设备，同时保持稳定的升降性能，满足高强度实验需求。

The mechanical advantages of the scissor-type structure allow the platform to carry heavier experimental equipment while maintaining stable lifting performance to meet the needs of high-intensity experiments.

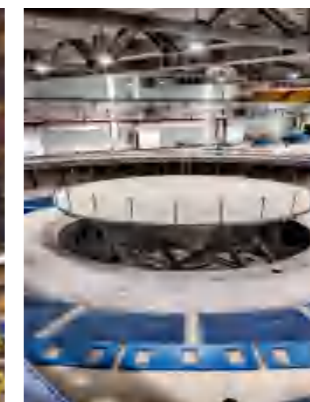
## 应用场景 / Application Scenarios



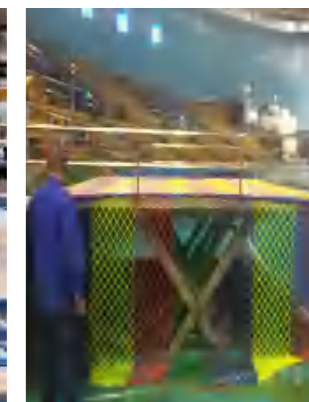
大型圆形水下升降平台  
Large circular underwater lifting platform



加勒比游轮水下升降机  
Caribbean Cruises - Underwater Lifts



聚波水下升降平台  
Jubo underwater lifting platform



青岛极地海洋世界升降舞台  
Qingdao Polar Ocean World Lifting Stage

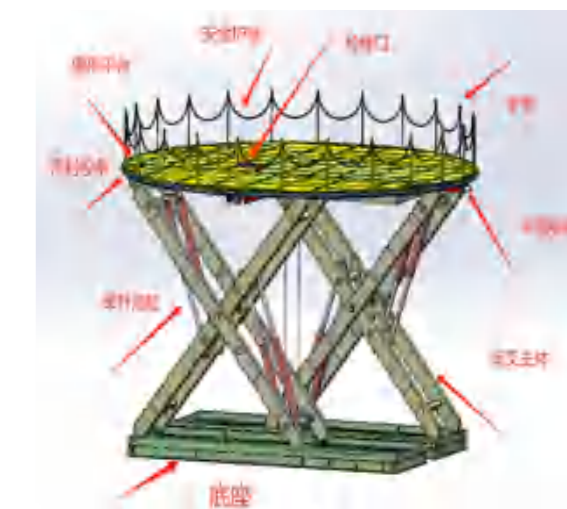
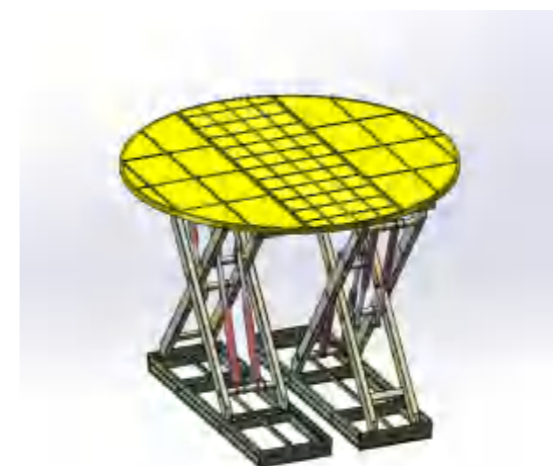
该平台通过其高稳定性、精准控制和耐用性，为水下科研、工程及实验提供了多功能支持，是模拟水下环境、安装设备及开展实验的理想工具。

This platform provides multifunctional support for underwater scientific research, engineering and experiments through its high stability, precise control and durability. It is an ideal tool for simulating underwater environments, installing equipment and conducting experiments.

## 定制服务 / Customization Services

这种非标准定制升降机可根据具体生产需求量身定制。为了给您提供最佳解决方案，请告知您的生产目的和设备参数（如承载能力、提升高度、工作台尺寸等）。

This non-standard custom lift can be tailored to specific production needs. In order to provide you with the best solution, please inform your production purpose and equipment parameters (such as load capacity, lifting height, workbench size, etc.).



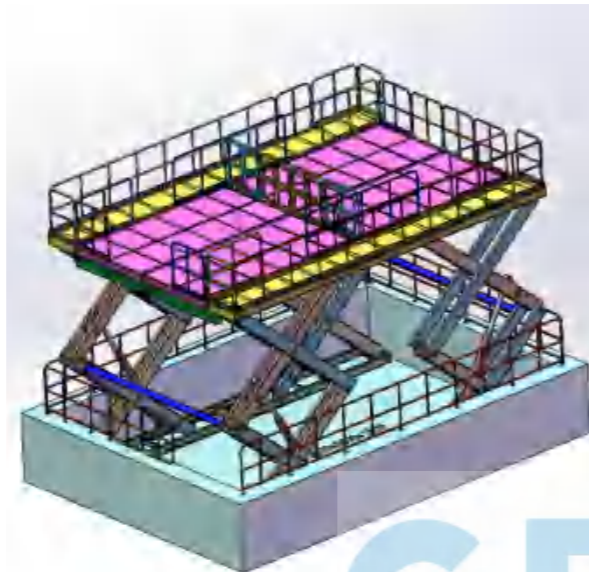
# SPECIAL LIFTING PLATFORM FOR AEROSPACE

## 特殊要求——航空航天使用升降平台



这款专为航空发动机制造商和飞机制造维修领域设计的高精度机械举升机，是您进行飞机风洞实验、发动机检修、飞机组装等高精度作业的理想选择。它采用先进的机械结构和控制系统，能够实现精准平稳的升降，并配备多种安全保护装置，确保作业安全可靠。

This high-precision mechanical lift designed for aircraft engine manufacturers and aircraft manufacturing and maintenance is an ideal choice for high-precision operations such as aircraft wind tunnel experiments, engine maintenance, and aircraft assembly. It adopts advanced mechanical structure and control system, can achieve precise and smooth lifting, and is equipped with a variety of safety protection devices to ensure safe and reliable operation.



# GRADIN

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### ► 功能特点 / Functional Characteristics

#### 高精度升降 High-precision lifting

采用精密机械结构和先进的控制系统，确保平台升降平稳精准，满足航空航天领域对高精度作业。

Adopting precision mechanical structure and advanced control system to ensure smooth and accurate lifting of the platform, meeting the high-precision operation requirements of the aerospace field.

#### 安全可靠 Safe and reliable

配备平台通道梯、安全带连接点、可拆卸扶手等多重安全保护装置，保障人员和设备安全。

Safe and reliable: Equipped with platform access ladders, safety belt connection points, detachable handrails and other multiple safety protection devices to ensure the safety of personnel and equipment.

#### 操作简便 Easy to operate

人性化的操作界面和简便的操作流程，提高工作效率。

Humanized operation interface and simple operation process to improve work efficiency.

#### 降低维护成本 Reduced maintenance cost

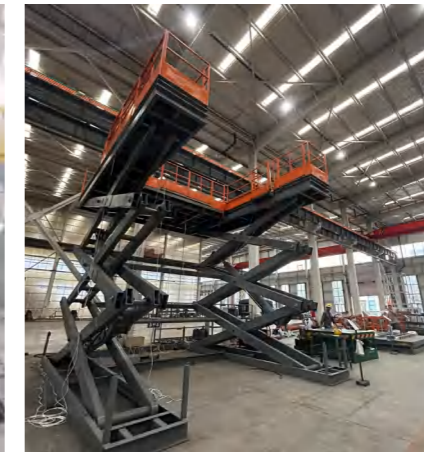
采用高品质材料和精密制造工艺，确保产品经久耐用，降低维护成本。

Adopt high-quality materials and precision manufacturing process to ensure the durability of the product and reduce maintenance cost.

### ► 应用场景 / Application Scenarios



飞机风洞实验检修升降平台  
Aircraft wind tunnel test maintenance lifting platform



U型剪叉平台 - 中国航空工业集团公司济南特种结构研究所  
U-type scissor platform - Jinan Special Structure Research Institute of China Aviation Industry Corporation



航空发动机定位精确升降机  
Aircraft engine positioning precision lift

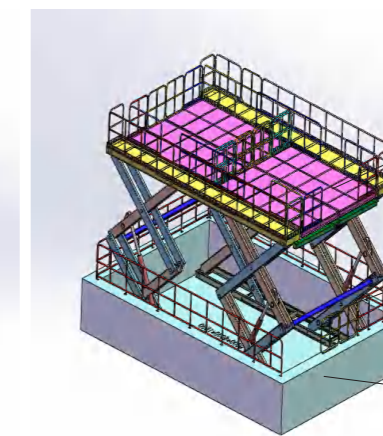
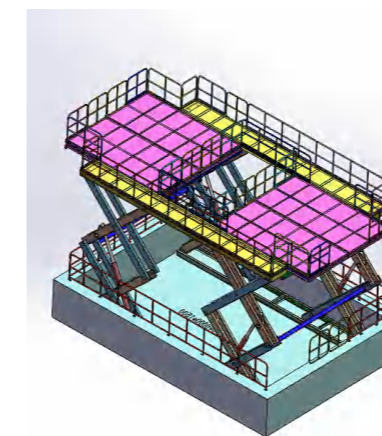
适用于飞机风洞实验检修、飞机发动机检修、联合战斗机组装、台面伸缩飞机检修、飞机垂尾检修等多种场景。

Suitable for aircraft wind tunnel experiment maintenance, aircraft engine maintenance, joint fighter assembly, table telescopic aircraft maintenance, aircraft vertical tail maintenance and other scenarios.

### ► 定制服务 / Customization Services

这种非标准定制升降平台可根据具体生产需求量身定制。为了给您提供最佳解决方案，请告知您的生产目的和设备参数（如承载能力、提升高度、工作台尺寸等）。

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台面尺寸  
Platform size

提升高度  
Lifting height

承载能力  
Load capacity

## CUSTOMIZATION SERVICES

### 定制服务

此产品提供灵活定制服务，能够根据客户的具体需求进行调整。无论是台面定制、台面高度、提升速度、载重能力还是功率，都可以根据实际使用场景进行个性化定制，如需定制请提供使用场景和工况，最大限度地满足不同工作环境的特殊要求。

This product provides flexible customization services and can be adjusted according to the specific needs of customers. Whether it is table customization, table height, lifting speed, load capacity or power, it can be customized according to the actual usage scenario. If customization is required, please provide the usage scenario and working conditions to maximize the special requirements of different working environments.



## CUSTOMIZATION SERVICES

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## CUSTOMIZATION SERVICES

### 定制服务

此产品提供灵活定制服务，能够根据客户的具体需求进行调整。无论是台面定制、台面高度、提升速度、载重能力还是功率，都可以根据实际使用场景进行个性化定制，如需定制请提供使用场景和工况，最大限度地满足不同工作环境的特殊要求。

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固定剪叉升降平台 / Fixed scissor lift platform

# SINGLE LAYER SCISSOR LIFT

## 单层剪叉升降机系列

## PRODUCT MODEL: HW SERIES

产品型号: HW 系列



### ► 产品参数 / Product Parameter

型号 Model	额定载重 Load Capacity(kg)	台面尺寸 Table Size(mm)	最低高度 Min.Height(mm)	最高高度 Max.Height(mm)	电压 Voltage(V)
HW1001	1000	1300*820	205	1000	380/220
HW1002	1000	1600*1000	205	1000	380/220
HW1003	1000	1700*850	240	1300	380/220
HW1004	1000	1700*1000	240	1300	380/220
HW1005	1000	2000*850	240	1300	380/220
HW1006	1000	2000*1000	240	1300	380/220
HW1007	1000	1700*1500	240	1300	380/220
HW1008	1000	2000*1700	240	1300	380/220
HW2001	2000	1300*850	230	1000	380/220
HW2002	2000	1600*1000	230	1000	380/220
HW2003	2000	1700*850	250	1300	380/220
HW2004	2000	1700*1000	250	1300	380/220
HW2005	2000	2000*850	250	1300	380/220
HW2006	2000	2000*1000	250	1300	380/220
HW2007	2000	1700*1500	250	1400	380/220
HW2008	2000	2000*1800	250	1400	380/220
HW4001	4000	1700*1200	250	1050	380
HW4002	4000	2000*1200	250	1050	380
HW4003	4000	2000*1000	300	1400	380
HW4004	4000	2000*1200	300	1400	380
HW4005	4000	2200*1000	300	1400	380
HW4006	4000	2200*1200	300	1400	380
HW4007	4000	1700*1500	350	1300	380
HW4008	4000	2200*1800	350	1300	380

## PRODUCT MODEL: HW SERIES

产品型号: HD 系列



### 产品参数 / Product Parameter

型号 Model	额定载重 Load Capacity(kg)	台面尺寸 Table Size(mm)	最低高度 Min.Height(mm)	最高高度 Max.Height(mm)	电压 Voltage(V)
HD1001	1000	1450*1140	85	860	380/1.5
HD1002	1000	1600*1140	85	860	380/1.5
HD1003	1000	1450*800	85	860	380/1.5
HD1004	1000	1600*800	85	860	380/1.5
HD1005	1000	1600*1000	85	860	380/1.5
HD2001	2000	1600*1200	105	870	380/2.2
HD2002	2000	1600*1000	105	870	380/2.2
HD2003	2000	1600*800	105	870	380/2.2

## ULTRA LOW ELECTRIC LIFTING PLATFORM

超低电动升降平台

紧凑的液压设计, 所有安全组件都符合达标  
高压气缸具有双重安全功能  
硬镀铬活塞杆  
通过简单的按钮升降, 达到符合人体工程学的正确工作高度  
带有紧急开关和控制电缆。

Compact hydraulic design, all safety components are up to standard  
High pressure cylinder has double safety function  
Hard chrome plated piston rod  
Through simple button lifting, the correct working height in line with ergonomics is achieved  
With emergency switch and control cable.



### 产品参数 / Product Parameter

Model	型号		GDS1000	GDS2000	GDS4000
Rated Load	额定载重	kg	1000	2000	4000
Minimum Height	最低高度	mm	305	360	400
Maximum Height	最高高度	mm	1780	1780	2050
Table Size	工作台尺寸	mm	1300*820	1300*820	1700*1200
Voltage	电压	mm	380V/220	380V/220	380V/220
Dead Weight	自重	kg	230	320	570

## PRODUCT MODEL: GD SERIES

产品型号: GD 系列

采用进口高品质泵站, 电动升降, 货物起升平稳有力整体密封性油缸, 有效避免油缸漏油弊端, 提高安全性, 剪叉加厚防夹设计, 结实耐用台面下方增加安全档条装置, 当台面下降遇到障碍物时即会停止, 确保安全。

Adopt imported high-quality pump station, electric lifting, stable and powerful cargo lifting, overall sealed oil cylinder, effectively avoid oil cylinder leakage, improve safety, thickened anti-pinch design of scissor fork, strong and durable, add safety bar device under the table, when the table descends and encounters obstacles, it will stop to ensure safety.



用途广泛, 如: 提升和降低货物, 安装机械时的水平补偿, 输送系统的安装等。

Widely used, such as: lifting and lowering goods, level compensation when installing machinery, installation of conveying systems, etc.

### 产品参数 / Product Parameter

型号 Model	额定载重 Load Capacity(kg)	台面尺寸 Table Size(mm)	最低高度 Min.Height(mm)	最高高度 Max.Height(mm)	电压 Voltage(V)	自重 Net Weight (kg)
GD1001	1000KG	205MM	990MM	1300*820MM	380V/220	180KG
GD1002	1000KG	205MM	990MM	1600*1000MM	380V/220	200KG
GD1003	1000KG	240MM	1300MM	1700*850MM	380V/220	220KG
GD1004	1000KG	240MM	1300MM	1700*1000MM	380V/220	230KG
GD1005	1000KG	240MM	1300MM	2000*850MM	380V/220	230KG
GD1006	1000KG	240MM	1300MM	2000*1000MM	380V/220	250KG
GD1007	1000KG	240MM	1300MM	1700*1500MM	380V/220	400KG
GD1008	1000KG	240MM	1300MM	2000*1700MM	380V/220	470KG
GD2001	2000KG	230MM	1000MM	1300*850MM	380V/220	260KG
GD2002	2000KG	230MM	1000MM	1600*1000MM	380V/220	290KG
GD2003	2000KG	250MM	1300MM	1700*850MM	380V/220	320KG
GD2004	2000KG	250MM	1300MM	1700*1000MM	380V/220	330KG
GD2005	2000KG	250MM	1300MM	2000*850MM	380V/220	330KG
GD2006	2000KG	250MM	1300MM	2000*1000MM	380V/220	350KG
GD2007	2000KG	250MM	1400MM	1700*1500MM	380V/220	460KG
GD2008	2000KG	250MM	1400MM	2000*800MM	380V/220	550KG
GD4001	4000KG	250MM	1050MM	1700*1200MM	380V/220	410KG
GD4002	4000KG	250MM	1050MM	2000*1200MM	380V/220	450KG
GD4003	4000KG	300MM	1400MM	2000*1000MM	380V/220	520KG
GD4004	4000KG	300MM	1400MM	2000*1200MM	380V/220	540KG
GD4005	4000KG	300MM	1400MM	2200*1000MM	380V/220	530KG
GD4006	4000KG	300MM	1400MM	2200*1200MM	380V/220	560KG
GD4007	4000KG	300MM	1300MM	1700*1500MM	380V/220	630KG
GD4008	4000KG	300MM	1300MM	2200*1800MM	380V/220	720KG

# DOUBLE-LAYER FIXED SCISSOR LIFT PLATFORM

双层固定剪叉升降平台

固定剪叉升降平台 / Fixed scissor lift platform

## PRODUCT MODEL: HWS SERIES

产品型号: HWS 系列



### ▶ 产品参数 / Product Parameter

型号	Model	HWS1001	HWS2001	HWS4001
额定载重	Load Capacity(kg)	1000	2000	4000
台面尺寸	Table Size(mm)	1300*820	1300*850	1700*1200
最低高度	Min.Height(mm)	305	360	500
最高高度	Max.Height(mm)	1780	1780	2050
电压	Voltage(V)	380/220	380/220	380

## PRODUCT MODEL: GDS SERIES

产品型号: GDS 系列

采用进口高品质泵站，电动升降，货物起升平稳有力整体密封性油缸，有效避免油缸漏油弊端，提高安全性剪叉加厚防夹设计，结实耐用台面下方增加安全档条装置，当天面下降遇到障碍物时即会挺止，确保安全

Imported high-quality pump station, electric lifting, The lifting of goods is stable and powerful  
The integral sealing oil cylinder can effectively avoid oil leakage and improve safety  
The shear fork is thickened and anti pinch design, which is solid and durable  
The safety bar device is added under the table top to prevent the surface from falling and encountering obstacles. It will stop and ensure safety



### ▶ 产品参数 / Product Parameter

Model	型号		GDS1000	GDS2000	GDS4000
Rated Load	额定载重	kg	1000	2000	4000
Minimum Height	最低高度	mm	305	360	400
Maximum Height	最高高度	mm	1780	1780	2050
Table Size	工作台尺寸	mm	1300*820	1300*820	1700*1200
Voltage	电压	mm	380V/220	380V/220	380V/220
Dead Weight	自重	kg	230	320	570

# MULTI-LAYER FIXED SCISSOR LIFT PLATFORM

多层固定剪叉升降平台

固定剪叉升降平台 / Fixed scissor lift platform

## PRODUCT MODEL: HU SERIES

产品型号: HU 系列



▶ 产品参数 / Product Parameter

型号 Model	额定载重 Load Capacity(kg)	台面尺寸 Table Size(mm)	U 型尺寸 U-Size(mm)	最低高度 Min.Height(mm)	最高高度 Max. Height(mm)	电压 Voltage(V)
HU1001	1000	1450*1140	1080*580	85	860	380/1.5
HU1002	1000	1450*1280	1080*720	85	860	380/1.5
HU1501	1500	1600*1180	1194*580	105	870	380/2.2
HU1502	1500	1600*1320	1194*720	105	870	380/2.2

## PRODUCT MODEL: DUG SERIES

产品型号: DUG 系列



根据使用需求, 台面、承重、升高等因素, 分为单叉、双叉、三叉等型号, 单油缸、双油缸等核心配置, 所需升高高度越高, 为确保整机稳定性, 来制作, 特殊需求也可定制。

According to the use of demand, table, load-bearing, higher factors, divided into single fork, double fork, Trident. The higher the lifting height is, the higher the lifting height is. The stability of the whole machine, to make, special needs can also be customized.

▶ 产品参数 / Product Parameter

Model	型号		DUG1000	DUG1500
Rated Load	额定载重	kg	1000	1500
Minimum Height	最低高度	mm	85	105
Maximum Height	最高高度	mm	860	860
Table Size	工作台尺寸	mm	1450*1140	1600*1200
Voltage	电压	mm	380V/220	380V/220
Dead Weight	自重	kg	240	370

# U-SHAPED FIXED SCISSOR LIFT PLATFORM

U型固定剪叉升降平台



固定剪叉升降平台 / Fixed scissor lift platform

## PRODUCT MODEL: HT SERIES

产品型号: HT 系列

▶ 产品参数 / Product Parameter

型号	Model	HT1000	HT2000
额定载重	Load Capacity(kg)	1000	2000
台面尺寸	Table Size(mm)	1700*1000	1700*1000
最低高度	Min.Height(mm)	470	560
最高高度	Max.Height(mm)	3000	3000
电压	Voltage(V)	380/220	380/220



## PRODUCT MODEL: DGH SERIES

产品型号: DGH 系列

这种“u”形的升降平台非常适合将托盘或笼子提升到安全的工作高度，适合在装配线上作为进料台使用  
配备远程电源系统和控制单元，具有上升、下降和紧急停止控制  
过载安全阀保护操作人员和泵站  
“U”形允许托盘车将托盘/笼放置到升降平台上

This "u" shaped lifting platform is ideal for lifting pallets or cages to a safe working height and suited for use as a feeding table on an assembly line  
Supplied with remote power system and control unit with UP DOWN and Emergency stop controls  
Overload by-pass valve protects operator and pump  
The "U" shape allows a pallet truck to position the pallet/cage onto the lift platform



▶ 产品参数 / Product Parameter

Model	型号		DGH1000	DGH2000
Rated Load	额定载重	kg	1000	2000
Minimum Height	最低高度	mm	470	560
Maximum Height	最高高度	mm	3000	3000
Table Size	工作台尺寸	mm	1700*1000	1700*1000
Voltage	电压	mm	380V/220	380V/220
Dead Weight	自重	kg	500	830

平台车 / Lift Table

# MANUAL LIFT TABLE

## 手动平台车



## HANDHELD: PT150/200/300/500A

### 手握式 PT150/200/300/500A

#### ▶ 产品参数 / Product Parameter



型号	Model	PT150A	PT200A	PT300A	PT500A
额定载重	Load Capacity/(kg)	150	200	300	500
台面尺寸	Table Size(mm)	700*450*35	700*450*35	815*500*50	815*500*50
最低高度	Min.Height(mm)	210	210	280	280
最高高度	Max.Height(mm)	720	720	900	900
轮子直径	Wheel Diameter(m)	100	100	125	125
自重	NetWeight(kg)	40	41	69	74
外包装尺寸	Packing Size(mm)	820*470*230	820*470*230	900*510*310	900*510*310

## HANDHELD: PT150/200Z

### 手握式 PT150/200Z

#### ▶ 产品参数 / Product Parameter



型号	Model	PT150Z	PT200Z
额定载重	Load Capacity/(kg)	150	200
台面尺寸	Table Size(mm)	700*450*35	700*450*35
最低高度	Min.Height(mm)	210	210
最高高度	Max.Height(mm)	720	720
轮子直径	Wheel Diameter(mm)	100	100
自重	Net Weight(kg)	40	41
外包装尺寸	Packing Size(mm)	820*470*230	820*470*230
电压	Voltage(V)	380/220	380/220

## HANDHELD: PTS150/200A

手握式 PTS150/200A

▶ 产品参数 / Product Parameter



型号	Model	PTS150A	PTS200A
额定载重	Load Capacity/(kg)	150	200
台面尺寸	Table Size(mm)	700*450*35	700*450*35
最低高度	Min.Height(mm)	295	295
最高高度	Max.Height(mm)	1260	1260
轮子直径	Wheel Diameter(mm)	100	100
自重	Net Weight(kg)	50	51
外包装尺寸	Packing Size(mm)	820*470*305	820*470*305

## HANDHELD: PT300/500Z

手握式 PTS150/200A

▶ 产品参数 / Product Parameter



型号	Model	PT300Z	PT500Z
额定载重	Load Capacity/(kg)	300	500
台面尺寸	Table Size(mm)	815*500*50	815*500*50
最低高度	Min.Height(mm)	280	280
最高高度	Max.Height(mm)	900	900
轮子直径	Wheel Diameter(mm)	125	125
自重	Net Weight(kg)	70	75
外包装尺寸	Packing Size(mm)	900*510*390	900*510*390

## HANDHELD: PTS150/200Z

手握式 PTS150/200Z

▶ 产品参数 / Product Parameter



型号	Model	PTS150Z	PTS200Z
额定载重	Load Capacity/(kg)	150	200
台面尺寸	Table Size(mm)	700*450*35	700*450*35
最低高度	Min.Height(mm)	295	295
最高高度	Max.Height(mm)	1260	1260
轮子直径	Wheel Diameter(mm)	100	100
自重	Net Weight(kg)	50	51
外包装尺寸	Packing Size(mm)	820*470*305	820*470*305



## HANDHELD: PTD500

手握式 PTSPTD500

▶ 产品参数 / Product Parameter



型号	Model	PTD500
额定载重	Load Capacity/(kg)	500
台面尺寸	Table Size(mm)	1600*800*50
最低高度	Min.Height(mm)	290
最高高度	Max.Height(mm)	900
轮子直径	Wheel Diameter(mm)	125
自重	Net Weight(kg)	120
外包装尺寸	Packing Size(mm)	/

## HANDHELD: PT300/500B

手握式 PT300/500B

▶ 产品参数 / Product Parameter



型号	Model	PT300B	PT500B
额定载重	Load Capacity/(kg)	300	500
台面尺寸	Table Size(mm)	815*500*50	815*500*50
最低高度	Min.Height(mm)	280	280
最高高度	Max.Height(mm)	900	900
轮子直径	Wheel Diameter(mm)	125	125
自重	Net Weight(kg)	69	74
外包装尺寸	Packing Size(mm)	900*510*310	900*510*310

## HANDHELD: PTS350A/350AA

手握式 PTS350A/350AA



▶ 产品参数 / Product Parameter

型号	Model	PTS350A	PTS350AA
额定载重	Load Capacity/(kg)	350	350
台面尺寸	Table Size(mm)	905*500*50	905*500*50
最低高度	Min.Height(mm)	350	350
最高高度	Max.Height(mm)	1500	1580
轮子直径	Wheel Diameter(mm)	125	125
自重	Net Weight(kg)	96	98
外包装尺寸	Packing Size(mm)	1010*510*360	1010*510*360

## HANDHELD: PTS350B

手握式 PTS350B



▶ 产品参数 / Product Parameter

型号	Model	PTS350B
额定载重	Load Capacity/(kg)	350
台面尺寸	Table Size(mm)	905*500*50
最低高度	Min.Height(mm)	350
最高高度	Max.Height(mm)	1500
轮子直径	Wheel Diameter(mm)	125
自重	Net Weight(kg)	99
外包装尺寸	Packing Size(mm)	1010*510*360

## HANDHELD: PTDS350A

手握式 PTDS350A



▶ 产品参数 / Product Parameter

型号	Model	PTDS350A
额定载重	Load Capacity/(kg)	350
台面尺寸	Table Size(mm)	905*700*50
最低高度	Min.Height(mm)	350
最高高度	Max.Height(mm)	1580
轮子直径	Wheel Diameter(mm)	125
自重	Net Weight(kg)	110
外包装尺寸	Packing Size(mm)	/

## HANDHELD: PT1000A

手握式 PT1000A



▶ 产品参数 / Product Parameter

型号	Model	PT1000A
额定载重	Load Capacity/(kg)	1000
台面尺寸	Table Size(mm)	1016*500*60
最低高度	Min.Height(mm)	415
最高高度	Max.Height(mm)	1000
轮子直径	Wheel Diameter(mm)	150
自重	Net Weight(kg)	100
外包装尺寸	Packing Size(mm)	1140*570*425

## HANDHELD: PT1000B

手握式 PT1000B



▶ 产品参数 / Product Parameter

型号	Model	PT1000B
额定载重	Load Capacity/(kg)	1000
台面尺寸	Table Size(mm)	1016*500*60
最低高度	Min.Height(mm)	415
最高高度	Max.Height(mm)	1000
轮子直径	Wheel Diameter(mm)	150
自重	Net Weight(kg)	102
外包装尺寸	Packing Size(mm)	1140*570*425

## HANDHELD: JTS150/350A

手握式 JTS150/350A



▶ 产品参数 / Product Parameter

型号	Model	JTS150A	JTS350A
额定载重	Load Capacity/(kg)	150	350
台面尺寸	Table Size(mm)	700*450*35	905*500*50
最低高度	Min.Height(mm)	295	350
最高高度	Max.Height(mm)	1260	1500
轮子直径	Wheel Diameter(mm)	100	125
自重	Net Weight(kg)	50	96
外包装尺寸	Packing Size(mm)	820*470*305	1010*570*360

## HANDHELD: PT800/1000A

手握式 PT800A/1000A

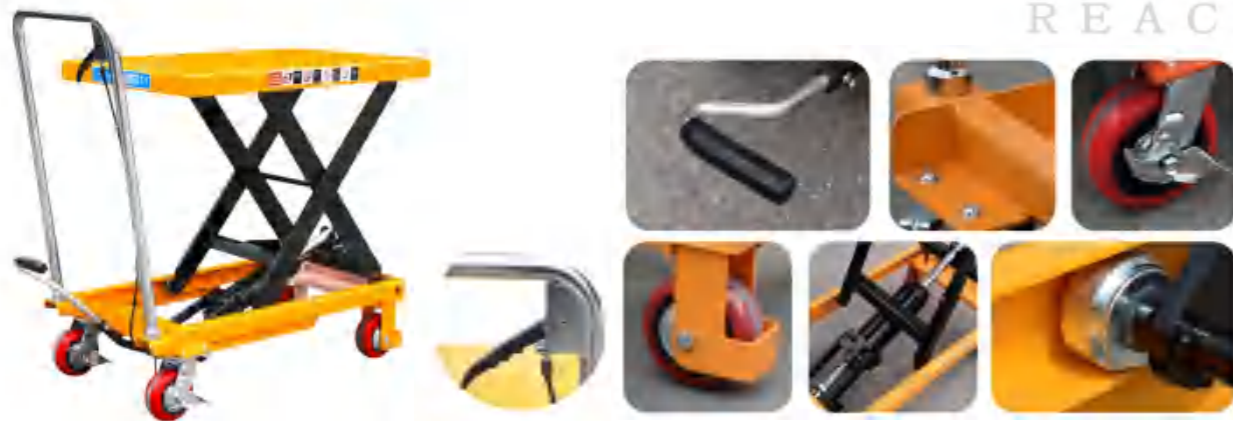


▶ 产品参数 / Product Parameter

Model	型号		PT800A	PT1000A
Rated Load	额定载重	kg	800	1000
Minimum Height	最低高度	mm	415	415
Maximum Height	最高高度	mm	1000	1000
Platform Size	台面尺寸	mm	1016*510*60	1016*510*60
Deadweight	自重	kg	99	99

## HANDHELD: PT150/300A/500A

手握式 PT150/300A/500A



▶ 产品参数 / Product Parameter

Model		型号	PT150	PT300A	PT500A
Rated Load	额定载重	kg	150	300	500
Minimum Height	最低高度	mm	210	280	280
Maximum Height	最高高度	mm	720	900	900
Platform Size	台面尺寸	mm	700*450*35	815*500*50	815*500*50
Deadweight	自重	kg	40	71	76

## HANDHELD: PT150Z/300Z/500Z

手握式 PT150Z/300Z/500Z



▶ 产品参数 / Product Parameter

Model	型号		PT150Z	PT300Z	PT500Z
Rated Load	额定载重	kg	150	300	500
Minimum Height	最低高度	mm	210	280	280
Maximum Height	最高高度	mm	720	900	900
Platform Size	台面尺寸	mm	700*450*35	815*500*50	815*500*50

## FOOT-OPERATED: PTS500

### 脚踏式 PTS500



▶ 产品参数 / Product Parameter

型号	Model	PTS500
额定载重	Load Capacity/(kg)	500
台面尺寸	Table Size(mm)	905*500*50
最低高度	Min.Height(mm)	360
最高高度	Max.Height(mm)	1500
轮子直径	Wheel Diameter(mm)	125
自重	Net Weight(kg)	106
外包装尺寸	Packing Size(mm)	1060*510*360

## FOOT-OPERATED: PTS800

### 脚踏式 PTS800



▶ 产品参数 / Product Parameter

型号	Model	PTS800
额定载重	Load Capacity/(kg)	800
台面尺寸	Table Size(mm)	1200*600*60
最低高度	Min.Height(mm)	450
最高高度	Max.Height(mm)	1500
轮子直径	Wheel Diameter(mm)	125
自重	Net Weight(kg)	145
外包装尺寸	Packing Size(mm)	1370*610*460

## FOOT-OPERATED: PTS500-2

### 脚踏式 PTS500-2



▶ 产品参数 / Product Parameter

型号	Model	PTS500-2
额定载重	Load Capacity/(kg)	500
台面尺寸	Table Size(mm)	905*500*50
最低高度	Min.Height(mm)	420
最高高度	Max.Height(mm)	2000
轮子直径	Wheel Diameter(mm)	125
自重	Net Weight(kg)	130
外包装尺寸	Packing Size(mm)	1060*510*430

## FOOT-OPERATED: PTD 1000/1500/2000

### 脚踏式 PTD1000/1500/2000



▶ 产品参数 / Product Parameter

型号	Model	PTD1000	PTD1500	PTD2000
额定载重	Load Capacity/(kg)	1000	1500	2000
台面尺寸	Table Size(mm)	1200*600*80	1200*600*80	1200*600*80
最低高度	Min.Height(mm)	380	380	380
最高高度	Max.Height(mm)	1000	1000	1000
轮子直径	Wheel Diameter(mm)	150	150	150
自重	Net Weight(kg)	158	177	177
外包装尺寸	Packing Size(mm)	1370*610*390	1370*610*390	1370*610*390

## FOOT-OPERATED: PTS500-3

### 脚踏式 PTS500-3



▶ 产品参数 / Product Parameter

型号	Model	PTS500-3
额定载重	Load Capacity/(kg)	500
台面尺寸	Table Size(mm)	1300*800*60
最低高度	Min.Height(mm)	550
最高高度	Max.Height(mm)	3000
轮子直径	Wheel Diameter(mm)	125
自重	Net Weight(kg)	253
外包装尺寸	Packing Size(mm)	/

## FOOT-OPERATED: PTS 1000/1500/2000

### 脚踏式 PTS1000/1500/2000



▶ 产品参数 / Product Parameter

型号	Model	PTS1000	PTS1500
额定载重	Load Capacity/(kg)	1000	1500
台面尺寸	Table Size(mm)	1200*600*80	1200*600*80
最低高度	Min.Height(mm)	500	500
最高高度	Max.Height(mm)	1700	1700
轮子直径	Wheel Diameter(mm)	150	150
自重	Net Weight(kg)	202	220
外包装尺寸	Packing Size(mm)	1370*610*500	1370*610*500

## FOOT-OPERATED: PTDS500

脚踏式 PTDS500

▶ 产品参数 / Product Parameter



型号	Model	PTDS1000
额定载重	Load Capacity/(kg)	1000
台面尺寸	Table Size(mm)	1500*800*80
最低高度	Min.Height(mm)	500
最高高度	Max.Height(mm)	1700
轮子直径	Wheel Diameter(mm)	150
自重	Net Weight(kg)	260
外包装尺寸	Packing Size(mm)	/

## HAND CRANK: SG300/500

手摇式: SG300/500

▶ 产品参数 / Product Parameter



型号	Model	SG300	SG500
额定载重	Load Capacity/(kg)	300	500
台面尺寸	Table Size(mm)	950*600	950*600
最低高度	Min.Height(mm)	440	550
最高高度	Max.Height(mm)	1000	1000
轮子直径	Wheel Diameter(mm)	125	125
自重	Net Weight(kg)	70	70

## FOOT-OPERATED: JT 150/200/300/500A

脚踏式 JT150/200/300/500A



▶ 产品参数 / Product Parameter

型号	Model	JT150A	JT200A	JT300A	JT500A
额定载重	Load Capacity/(kg)	150	200	300	500
台面尺寸	Table Size(mm)	700*450*35	700*450*35	815*500*50	815*500*50
最低高度	Min.Height(mm)	210	210	280	280
最高高度	Max Height(mm)	720	720	900	900
轮子直径	Wheel Diameter(mm)	100	100	125	125
自重	Net Weight(kg)	40	41	69	74
外包装尺寸	Packing Size(mm)	820*470*230	820*470*230	900*510*310	900*510*310

## HAND CRANK: SGL300/500

手摇式 PTS350B

▶ 产品参数 / Product Parameter



Model	型号		SGL300	SGL500
Rated Load	额定载重	kg	300	500
Minimum Height	最低高度	mm	440	550
Maximum Height	最高高度	mm	1000	1000
Table Size	工作台尺寸	mm	950*600	950*600
Deadweight	自重	kg	60	70

## HAND CRANK: SG 1001

手摇式 SG1001



▶ 产品参数 / Product Parameter

型号	额定载重	最低高度	最高高度	工作台尺寸	自重
SG1001	1000KG	610MM	1070MM	915*610MM	106KG

# SEMI ELECTRIC LIFT TABLE

移动电动平台



## PRODUCT MODEL: DP SERIES

产品型号: DP系列

▶ 产品参数 / Product Parameter



型号	Model	DP500	DP1000	DP2000
额定载重	Load Capacity/(kg)	500	1000	2000
台面尺寸	Table Size(mm)	950*500	1200*600	1200*600
最低高度	Min.Height(mm)	280	380	380
最高高度	Max.Height(mm)	900	1000	1000
升降电机	Liting Motor(V/Kw)	12/0.8	12/1.6	12/1.6
电瓶容量	Battery(Ah)	60	100	100
输入电压	Input Voltage(V)	110-230	110-230	110-230
轮子直径	Wheel Diameter(mm)	125	150	150

## PRODUCT MODEL: DPS SERIES

产品型号: DPS系列

GRADIN  
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▶ 产品参数 / Product Parameter

型号	Model	DPS500	DPS500-2	DPS1000	DPS2000
额定载重	Load Capacity/(kg)	500	500	1000	2000
台面尺寸	Table Size(mm)	905*500	905*500	1200*600	1200*600
最低高度	Min.Height(mm)	360	480	500	500
最高高度	Max.Height(mm)	1500	2000	1700	1700
升降电机	Lifting Motor(V/Kw)	12/0.8	12/0.8	12/1.6	12/1.6
电瓶容量	Battery(Ah)	60	60	100	100
输入电压	Input Voltage(V)	110-230	110-230	110-230	110-230
轮子直径	Wheel Diameter(mm)	125	125	150	150

## PRODUCT MODEL: SJY3520/5020

产品型号: SJY3520/5020



### ▶ 产品参数 / Product Parameter

型号	Model	SJY3520	SJY5020
额定载重	Load Capacity/(kg)	350	500
台面尺寸	Table Size(mm)	1200*600	1200*600
最低高度	Min.Height(mm)	360	450
最高高度	Max.Height(mm)	2000	2000
升降电机	Liting Motor(V/Kw)	12/0.8	12/0.8
电瓶容量	Battery(Ah)	60	60
充电器输入电压	Input Voltage(V)	110-230	110-230
轮子直径	Wheel Diameter(mm)	125	125

## PRODUCT MODEL: SJY5010

产品型号: SJY5010



### ▶ 产品参数 / Product Parameter

型号	Model	DP500
额定载重	Load Capacity/(kg)	500
台面尺寸	Table Size(mm)	950*500
最低高度	Min.Height(mm)	280
最高高度	Max.Height(mm)	900
升降电机	Liting Motor(V/Kw)	12/0.8
电瓶容量	Battery(Ah)	60
输入电压	Input Voltage(V)	110-230
轮子直径	Wheel Diameter(mm)	125

## PRODUCT MODEL: EP/EPS SERIES

产品型号: EP/EPS系列



### ▶ 产品参数 / Product Parameter

型号	Model	EP30	EP50	EPS30	EPS35
额定载重	Load Capacity/(kg)	300	500	300	350
台面尺寸	Table Size(mm)	815*500	815*500	905*500	905*500
最低高度	Min.Height(mm)	300	300	360	360
最高高度	Max.Height(mm)	900	900	1300	1500
升降电机	Lifting Motor(V/Kw)	24/0.3	24/0.3	24/0.3	24/0.3
电瓶容量	Battery(Ah)	20	20	20	20
充电器输入电压	Input Voltage(V)	220	220	220	220
轮子直径	Wheel Diameter(mm)	125	125	125	125

## PRODUCT MODEL: SJY5015

产品型号: SJY5015



### ▶ 产品参数 / Product Parameter

型号	Model	SJY5015
额定载重	Load Capacity/(kg)	500
台面尺寸	Table Size(mm)	1010*600
最低高度	Min.Height(mm)	450
最高高度	Max.Height(mm)	1500
升降电机	Lifting Motor(V/Kw)	12/0.8
电瓶容量	Battery(Ah)	60
充电器输入电压	Input Voltage(V)	110-230
轮子直径	Wheel Diameter(mm)	150

## PRODUCT MODEL: YD SERIES

产品型号: YD系列



### ► 产品参数 / Product Parameter

Model	型号		YD300	YD500	YD800	YD1000
Rated Load	额定载重	kg	300	500	800	1000
Minimum Height	最低高度	mm	280	280	380	410
Maximum Height	最高高度	mm	900	900	1000	1000
Table Size	工作台尺寸	mm	950*500*50	950*500*50	1200*610*50	1200*610*50
Voltage	电压	V	12	12	12	12
Power	功率	kw	0.8	0.8	0.8	0.8
Battery	蓄电池	ah	60	60	60	80
Charger Input Voltage	充电器输入电压	V	220/110	220/110	220/110	220/110
Deadweight	自重	kg	110	110	150	150

## PRODUCT MODEL: YDS SERIES

产品型号: YDS系列



### ► 产品参数 / Product Parameter

Model	型号		YDS350	YDS500	YDS800	YDS1000
Rated Load	额定载重	kg	300	500	800	1000
Minimum Height	最低高度	mm	360	360	450	500
Maximum Height	最高高度	mm	1500	1500	1700	1700
Table Size	工作台尺寸	mm	950*500*50	950*500*50	1200*610*50	1200*610*50
Voltage	电压	V	12	12	12	12
Power	功率	kw	0.8	0.8	0.8	1.6
Battery	蓄电池	ah	60	60	120	120
Charger Input Voltage	充电器输入电压	v	220/110	220/110	220/110	220/110
Deadweight	自重	kg	140	140	290	290

# FULL ELECTRIC LIFT TABLE

## 全电动平台



## PRODUCT MODEL: FET SERIES

产品型号: FET系列



### ▶ 产品参数 / Product Parameter

型号	Model	FET0515	FET1017	FET1517	FET2017
驾驶方式	Driving Mode	步行 /Walk	步行 /Walk	步行 /Walk	步行 /Walk
额定载重	Load Capacity(kg)	500	1000	1500	2000
台面尺寸	Table Size(mm)	1000*600	1200*600	1200*800	1500*800
最低高度	Min.Height(mm)	360	450	450	450
最高高度	Max.Height(mm)	1500	1700	1700	1700
驱动电机	Driving Motor(V/Kw)	24/0.75	24/0.75	24/0.75	24/1.2
升降电机	Lifting Motor(V/Kw)	24/0.8	24/16	24/L6	24/2.0
电瓶容量	Battery(Ah)	65	65	85	85
充电器输入电压	Input Voltage(M)	220	220	220	220
驱动轮直径	Driving Wheel Diameter(mm)	210	210	210	250

## PRODUCT MODEL: QDD SERIES

产品型号: QDD系列



### ▶ 产品参数 / Product Parameter

型号	Model	QDD1017	QDD1517	QDD2017
驾驶方式	Driving Mode	步行 /Walk	步行 /Walk	步行 Walk
额定载重	Load Capacity(kg)	1000	1500	2000
台面尺寸	Table Size(mm)	1200*800	1200*800	1500*800
最低高度	Min.Height(mm)	450	450	450
最高高度	Max.Height(mm)	1700	1700	1700
驱动电机	Driving Motor(V/Kw)	24/0.75	24/0.75	24/1.2
升降电机	Lifting Motor(V/Kw)	24/1.6	24/1.6	24/2.0
电瓶容量	Battery(Ah)	85	85	100
充电器输入电压	Input Voltage(V)	220	220	220
驱动轮直径	Driving Wheel Diameter(mm)	210	210	250

## PRODUCT MODEL: EPB300/500

产品型号: EPB300/500



### ▶ 产品参数 / Product Parameter

型号	Model	EPB300	EPB500
驾驶方式	Driving Mode	步行 /Walk	步行 /Walk
额定载重	Load Capacity(kg)	300	500
台面尺寸	Table Size(mm)	1000*600	1000*600
最低高度	Min.Height(mm)	300	300
驱动电机	Driving Motor(V/Kw)	24/0.25	24/0.4
电瓶容量	Battery(Ah)	30	30
充电器输入电压	Input Voltage(V)	220	220
驱动轮直径	Driving Wheel Diameter(mm)	200	200

## PRODUCT MODEL: EPT400/EPTS400

产品型号: EPT400/EPTS400



### ▶ 产品参数 / Product Parameter

型号	Model	EPT400	EPTS400
驾驶方式	Driving Mode	步行 /Walk	步行 /Walk
额定载重	Load Capacity(kg)	400	400
台面尺寸	Table Size(mm)	1000*600	1000*600
最低高度	Min.Height(mm)	400	450
最高高度	Max.Height(mm)	950	1500
驱动电机	Driving Motor(V/Kw)	24/0.4	24/0.4
升降电机	Lifting Motor(V/Kw)	24/0.8	24/0.8
电瓶容量	Battery(Ah)	30	30
充电器输入电压	Input Voltage(V)	220	220
驱动轮直径	Driving Wheel Diameter(mm)	200	200



# CUSTOMIZE

特殊定制



## PRODUCT MODEL: GTS350

产品型号: GTS350

### ▶ 产品参数 / Product Parameter



型号	Model	GTS350
额定载重	Load Capacity/(kg)	350
台面尺寸	Table Size(mm)	905*500*50
最低高度	Min.Height(mm)	410
最高高度	Max.Height(mm)	1560
轮子直径	Wheel Diameter(mm)	125
自重	Net Weight(kg)	115

## PRODUCT MODEL: PTX350

产品型号: PTX350

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### ▶ 产品参数 / Product Parameter



型号	Model	PTX350
额定载重	Load Capacity/ ( kg)	300
台面尺寸	Table Size(mm)	905*500
最低高度	Min.Height(mm)	360
最高高度	Max.Height(mm)	800/1400
轮子直径	Wheel Diameter(mm)	φ 125
倾斜角度	Angle ofindination(° )	25° /145°

# COUNTERBALANCE STACKER AMR LAPZ150/60

## 平衡重堆高机器人LAPZ150/60



- 基础功能 1、手动功能 2、自动充电 (可选)  
 导航功能 1、激光 SLAM/ 反光板  
 任务类型 1、点对点 2、择优选择  
 安全功能 1、顶部相机 2、前方下面避障激光 3、叉尖光电 4、防撞条 5、急停开关  
 交管调度 1、无线局域网交管  
 声光提醒 1、语音提醒 2、区域警示灯 3、转向灯  
 设备对接 可选配 (1、自动门 2、输送带 3、机械臂 4、升降机)  
 系统对接 可选配 (1、WMS 2、MES3、ERP4、其他)  
 库区功能  
 1、顺序卸货 2、顺序取货 3、同时取和卸 4、空满显示 5、库区筛选 6、单库位清空 / 置满 7、整库区清库 / 满库  
 交互设备 1、触摸屏

### Basic Functions

- 1.Manual operation 2.Automatic charging (optional)

### Navigation Functions

- 1.Laser SLAM/Reflector

### Task Types

- 1.Point-to-point 2.Optimal selection

### Safety Features

- 1.Top camera 2.Front lower obstacle avoidance laser  
 3.Fork tip photoelectric sensor 4.Collision protection strip  
 5.Emergency stop switch

### Traffic Management and Scheduling

- 1.WLAN traffic management

### Audio-Visual Alerts

- 1.Voice alerts 2.Area warning lights 3.Turn signals

### Equipment Integration

- Optional (1. Automatic doors 2. Conveyor belt 3. Robotic arm  
 4. Elevator)

### System Integration

- Optional: (1. WMS 2.MES 3. ERP 4. Others)

### Warehouse Functions

- 1.Sequential unloading 2.Sequential picking  
 3.Simultaneous picking and unloading 4.Empty/full display  
 5.Warehouse area filtering 6.Single location clearing/filling  
 7.Entire warehouse clearing/full loading

### Interactive Devices

- 1.Touch screen



型号 Model	LAPZ60	LAPZ150
导航方式 Navigation Method	激光 SLAM/ 反光板 Laser SLAM/Reflector	3D 激光 SLAM 3D Laser SLAM
载重 Loading Capacity (kg)	600	1500
起升高度 Lift Height (mm)	3020	4000
外形尺寸 (长 / 宽 / 高) Dimen- sions(L*W*H)(mm)	2076/1046/2157	2349/1050/3342
自重 Weight (kg)	1340	3440
货叉外宽	350/560	300/720
Distance between fork-arms (mm)		
转弯半径 Turning radius(mm)	1109	1500
行驶速度, 满载 / 空载	1/1	1.5/2
Driving speed, loaded/unloaded (m/s)		
定位精度 Positioning Accuracy (mm)	± 10	± 30
最大爬坡度, 满载 / 空载	5/8	5/8
Gradeability,loaded/unloaded(%)		
电瓶电压 / 标称容量	24/205	48/205
Battery Voltage/Nominal Capacity (V/Ah)		

# SLIM PALLET STACKER AMR LADZ1501/1502

## 薄背堆高机器人 LADZ1501/1502



- 基础功能 1、手动功能 2、自动充电 (可选)  
 导航功能 1、激光 SLAM 2、激光反光板  
 任务类型 1、点对点 2、点对列 (可选列对点、列对列)  
 安全功能 1、顶部相机 2、底部双激光 3、侧面超声 4、叉尖光电 (可选叉根激光 / 叉根相机) 5、防撞条 6、急停开关  
 交互设备 1、触摸屏 (可选呼叫盒、PAD、手机、电脑、空中相机)  
 交管调度 1、无线局域网交管 2、同系统多车交管 (可选 5G 网络交管、不同系统混合交管)  
 声光提醒 1、语音提醒 2、弧形灯 (可选红色区域灯) 3、转向灯  
 设备对接 可选配 (1、自动门 2、输送带 3、码垛机 4、机械臂 5、升降机)  
 系统对接 1、WMS2、MES 3、ERP 4、其他

### Basic Functions

- 1.Manual operation 2.Automatic charging (optional)

### Navigation Functions

- 1.Laser SLAM 2.Laser Reflector

### Task Types

- 1.Point-to-point 2.Point-to-multiple (optional: multiple-to-point, multiple-to-multiple)

### Safety Features

- 1.Top camera 2.Dual bottom lasers  
 3.Side ultrasonic sensors 4.Fork tip photoelectric sensor (optional: fork root laser/fork root camera)  
 5.Collision protection strip 6.Emergency stop switch

### Interactive Devices

- 1.Touch screen (optional: call box, PAD, smartphone, computer, aerial camera)

### Traffic Management and Scheduling

- 1.WLAN management 2.Multi-vehicle management within the same system (optional: 5G network management, mixed management of different systems)

### Audio-Visual Alerts

- 1.Voice alerts 2.Arc-shaped lights (optional: red area lights)  
 3.Turn signals

### Equipment Integration

- Optional: (1. Automatic doors 2. Conveyor belt 3. Palletizer 4. Robotic arm 5. Elevator)

### System Integration

- Optional: (1. WMS 2.MES 3. ERP 4. Others)



型号 Model	LADZ1501	LADZ1502
导航方式 Navigation Method	激光 SLAM/ 反光板 Laser SLAM/Reflector	3D 激光 SLAM 3D Laser SLAM
载重 Loading Capacity (kg)	1500	1500
起升高度 Lift Height (mm)	1700	1700
外形尺寸 (长 / 宽 / 高) Dimen- sions(L*W*H)(mm)	1716/900/2177	1716/900/2088
自重 Weight (kg)	750	750
货叉外宽	600/685	540/600/685
Distance between fork-arms (mm)		
转弯半径 Turning radius(mm)	1378	1160
行驶速度, 满载 / 空载	1/1.2	1/1.2
Driving speed, loaded/unloaded (m/s)		
定位精度 Positioning Accuracy (mm)	± 10	± 10
最大爬坡度, 满载 / 空载	3/5	3/5
Gradeability,loaded/unloaded(%)		
电瓶电压 / 标称容量	24/135	24/135
Battery Voltage/Nominal Capacity (V/Ah)		

# HEAVY-DUTY STACKER AMR LADZ160/200

## 重载堆高机器人LADZ160/200



- 基础功能 1. 手动功能 2. 自动充电 (可选)  
 导航功能 1. 激光 SLAM 2. 激光反光板  
 任务类型 1. 点对点  
 安全功能 1. 顶部相机 2. 底部单激光 (可选双激光) 3. 侧面超声 4. 叉尖光电 5. 防撞条 6. 急停开关  
 交互设备 1. 触摸屏 (可选呼叫盒、PAD、手机、电脑、空中相机)  
 交管调度 1. 无线局域网交管 2. 同系统多车交管 (可选 5G 网络交管, 不同系统混合交管)  
 声光提醒 1. 语音提醒 2. 蓝光灯 (可选红色区域灯) 3. 转向灯  
 设备对接 可选配 (1. 自动门 2. 输送线 3. 码垛机 4. 机械臂 5. 升降机)  
 系统对接 1. WMS 2. MES 3. ERP 4. 其他

### Basic Functions

1. Manual operation 2. Automatic charging (optional)

### Navigation Functions

1. Laser SLAM 2. Laser Reflector

### Task Types

1. Point-to-point

### Safety Features

1. Top camera 2. Single bottom laser (optional: dual lasers)  
 3. Side ultrasonic sensors 4. Fork tip photoelectric sensor 5. Collision protection strip 6. Emergency stop switch

### Interactive Devices

1. Touch screen (optional: call box, PAD, smartphone, computer, aerial camera)

### Traffic Management and Scheduling

1. WLAN management 2. Multi-vehicle management within the same system (optional: 5G network management, mixed management of different systems)

### Audio-Visual Alerts

1. Voice alerts 2. Blue light (optional: red area light) 3. Turn signals

### Equipment Integration

- Optional: (1. Automatic doors 2. Conveyor belt 3. Palletizer 4. Robotic arm 5. Elevator)

### System Integration

1. WMS 2. MES 3. ERP 4. Others

型号 Model	LADZ160	LADZ200
导航方式 Navigation Method	激光 SLAM/ 反光板 Laser SLAM/Reflector	
载荷 Loading Capacity (kg)	1600	2000
起升高度 Lift Height (mm)	3000	3000
外形尺寸 (长/宽/高) Dimensions (L*W*H)(mm)	2230/1140/2180	2230/1140/2180
自重 Weight (kg)	1360	1360
货叉外宽 Distance between fork-arms (mm)	570/600/685	570/600/685
转弯半径 Turning radius(mm)	1865	1865
行驶速度, 满载/空载 Driving speed, loaded/unloaded (m/s)	1/1.5	1/1.5
定位精度 Positioning Accuracy (mm)	± 10	± 10
最大爬坡度, 满载/空载 Gradeability, loaded/unloaded(%)	6/10	6/10
电瓶电压 / 标称容量 Battery Voltage/Nominal Capacity (V/Ah)	24/205	24/205

# HIGH-SPEED & HEAVY-DUTY AMR LAZBZ200

## 高速重载智能搬运机器人 LAZBZ200



- 基础功能 1. 手动功能 2. 自动充电 (可选)  
 导航功能 1. 激光 SLAM 2. 激光反光板  
 安全功能 1. 顶部相机 2. 底部单激光 (可选底部双激光) 3. 侧面超声 4. 叉尖光电 (可选叉尖激光) 5. 防撞条 6. 急停开关 7. 行车记录仪 (可选)  
 声光提醒 1. 语音提醒 2. 蓝光灯 (可选红色区域灯) 3. 转向灯  
 车载交互 1. 触摸屏 2. 多键按钮  
 库区功能 1. 顺序卸货 2. 顺序取货 3. 同时取和卸 4. 双向进出 5. 空满显示 6. 库区筛选 7. 单库位清空置满 8. 整库区清库 / 满库呼叫设备  
 设备对接 1. 电梯 (多楼层、单开门、双开门) 2. 升降机 3. 自动门 4. 风淋室 5. 机械臂 6. 码垛机 7. 输送线  
 系统对接 1. WMS 2. MES 3. ERP 4. 其他  
 识别功能 1. 托盘识别 2. 扫码功能 3. 空位识别  
 实施功能 1. 点对点示教 2. 示教路线 / 库位可视化 3. 示教路线 / 库位可编辑 4. 库位阵 5. 自定义库区 6. 自定义任务

### Basic Functions

1. Manual operation 2. Automatic charging (optional)

### Navigation Functions

1. Laser SLAM 2. Laser Reflector

### Safety Features

1. Top camera  
 2. Single bottom laser (optional: dual bottom lasers)  
 3. Side ultrasonic sensors  
 4. Fork tip photoelectric sensor (optional: fork tip laser)  
 5. Collision protection strip  
 6. Emergency stop switch  
 7. Dashcam (optional)

### Audio-Visual Alerts

1. Voice alerts 2. Blue light (optional: red area light) 3. Turn signals

### Onboard Interaction

1. Touch screen 2. Multi-button control panel

### Warehouse Functions

1. Sequential unloading 2. Sequential picking  
 3. Simultaneous picking and unloading 4. Bidirectional entry and exit  
 5. Empty/full display 6. Warehouse area filtering  
 7. Single location clearing/filling  
 8. Clear/full warehouse call device for the entire warehouse area

### Equipment Integration

1. Elevator (multi-floor, single door, double door) 2. Lift Platform  
 3. Automatic doors 4. Air shower  
 5. Robotic arm 6. Palletizer 7. Conveyor belt

### System Integration

1. WMS 2. MES 3. ERP 4. Others

### Recognition Functions

1. Pallet recognition 2. Barcode scanning 3. Empty space recognition

### Implementation Functions

1. Point-to-point teaching 2. Visualized teaching routes/locations  
 3. Editable teaching routes/locations 4. Location array  
 5. Customizable warehouse area 6. Customizable tasks



型号 Model	LADZ160
导航方式 Navigation Method	激光 SLAM/ 反光板 Laser SLAM/Reflector
载荷 Loading Capacity (kg)	1600
起升高度 Lift Height (mm)	3000
外形尺寸 (长/宽/高) Dimensions (L*W*H)(mm)	2230/1140/2180
自重 Weight (kg)	1360
货叉外宽 Distance between fork-arms (mm)	570/600/685
转弯半径 Turning radius(mm)	1865
行驶速度, 满载/空载 Driving speed, loaded/unloaded (m/s)	1/1.5
定位精度 Positioning Accuracy (mm)	± 10
最大爬坡度, 满载/空载 Gradeability, loaded/unloaded(%)	6/10
电瓶电压 / 标称容量 Battery Voltage/Nominal Capacity (V/Ah)	24/205

# POINT-TO-POINT AMR LABZ1501/1502/1503

## 点对点智能搬运机器人 LABZ1501/1502/1503



- 基础功能** 1. 手动功能 2. 快速换电 3. 自动充电 (可选)  
**导航功能** 1. 激光 SLAM 2. 激光反光板  
**安全功能** 1. 顶部相机 2. 底部单激光 (可选底部双激光) 3. 侧面超声 4. 叉尖光电 (可选叉尖激光) 5. 防撞条 6. 急停开关 7. 行车记录仪 (可选)  
**声光提醒** 1. 语音提醒 2. 蓝光灯 (可选红色区域灯) 3. 转向灯  
**普通任务** 1. 点对点 2. 点对区 3. 区对点 4. 区对区 5. 绑定车 6. 择优选择  
**协同任务** 1. 点对点 2. 点对区 3. 区对点 4. 区对区 5. 绑定车 6. 择优选择 7. 对接协同 8. 动作协同 9. 位置协同  
**库区功能** 1. 顺序卸货 2. 顺序取货 3. 同时取和卸 4. 双向进出 5. 空满显示 6. 库区筛选 7. 单库位清空置满 8. 整库区清库 / 满库  
**车载交互** 1. 触摸屏 2. 多键按钮  
**呼叫设备** 1. 按钮盒 2. PAD 3. 手机 4. 电脑 5. 空中相机  
**设备对接** 1. 电梯 (多楼层、单开门、双开门) 2. 升降机 3. 自动门 4. 风淋室 5. 机械臂 6. 码垛机 7. 输送线  
**系统对接** 1. WMS 2. MES 3. ERP 4. 其他

型号 Model	LABZ1501	LABZ1502	LABZ1503
导航方式 Navigation Method	激光 SLAM/ 反光板 Laser SLAM/Reflector		
载荷 Loading Capacity (kg)	1500	1500	1500
起升高度 Lift Height (mm)	95	110	95
外形尺寸 (长 / 宽 / 高) Dimensions(L*W*H)(mm)	1635/812/2118	1610/824/2120	1723/798/2100
自重 Weight (kg)	335	350	350
货叉外宽 Distance between fork-arms (mm)	540/600/685	540/600/685	540/600/685
转弯半径 Turning radius(mm)	1500	1500	1500
行驶速度, 满载 / 空载 Driving speed, loaded/unloaded (m/s)	1/1.5	1/1.5	1/1.5
定位精度 Positioning Accuracy (mm)	± 10	± 10	± 10
最大爬坡度, 满载 / 空载 Gradeability,loaded/unloaded(%)	5/10	5/10	5/10
电瓶电压 / 标称容量 Battery Voltage/Nominal Capacity (V/Ah)	24/60	24/100	24/60

### Basic Functions

1. Manual operation 2. Quick Battery Swap 3. Automatic charging (optional)

### Navigation Functions

1. Laser SLAM 2. Laser Reflector

### Safety Features

1. Top camera 2. Single bottom laser (optional: dual bottom lasers) 3. Side ultrasonic sensors 4. Fork tip photoelectric sensor (optional: fork tip laser) 5. Collision protection strip 6. Emergency stop switch 7. Dashcam (optional)

### Audio-Visual Alerts

1. Voice alerts 2. Blue light (optional: red area light) 3. Turn signals

### Normal Tasks:

1. Point-to-Point 2. Point-to-Area 3. Area-to-Point 4. Area-to-Area 5. Bound Vehicles 6. Optimal Selection

### Collaborative Tasks:

1. Point-to-Point 2. Point-to-Area 3. Area-to-Point 4. Area-to-Area 5. Bound Vehicles 6. Optimal Selection 7. Docking Collaboration 8. Action Collaboration 9. Position Collaboration

### Warehouse Functions

1. Sequential unloading 2. Sequential picking 3. Simultaneous picking and unloading 4. Bidirectional entry and exit 5. Empty/full display 6. Warehouse area filtering 7. Single location clearing/filling 8. Clear/Fill Entire Warehouse Area

### Onboard Interaction

1. Touch screen 2. Multi-button control panel

### Calling Devices

1. Button box 2. PAD 3. Smartphone 4. Computer 5. Aerial camera

### Equipment Integration

1. Elevator (multi-floor, single door, double door) 2. Lift Platform 3. Automatic doors 4. Air shower 5. Robotic arm 6. Palletizer 7. Conveyor belt

### System Integration

1. WMS 2. MES 3. ERP 4. Others

# SLIM PALLET AMR FOR LOGISTICS LADZ200

## 薄背物流专用搬运机器人LADZ200



- 基础功能** 1. 手动功能 2. 自动充电 (可选)  
**导航功能** 1. 激光 SLAM 2. 激光反光板  
**任务类型** 1. 点对点 2. 点对列 (可选列对点、列对列)  
**安全功能** 1. 顶部相机 2. 底部双激光 3. 侧面超声 4. 叉尖光电 (可选叉根激光 / 叉根相机) 5. 防撞条 6. 急停开关  
**交互设备** 1. 触摸屏 (可选呼叫盒、PAD、手机、电脑、空中相机)  
**交管调度** 1. 无线局域网交管 2. 同系统多车交管 (可选5G网络交管, 不同系统混合交管)  
**声光提醒** 1. 语音提醒 2. 弧形灯 (可选红色区域灯) 3. 转向灯  
**设备对接** 1. 自动门 2. 输送线 3. 码垛机 4. 机械臂 5. 升降机  
**系统对接** 1. WMS 2. MES 3. ERP 4. 其他

### Basic Functions

1. Manual operation 2. Automatic charging (optional)

### Navigation Functions

1. Laser SLAM 2. Laser Reflector

### Task Types

1. Point-to-point 2. Point-to-multiple (optional: multiple-to-point, multiple-to-multiple)

### Safety Features

1. Top camera 2. Dual bottom lasers 3. Side ultrasonic sensors 4. Fork tip photoelectric sensor (optional: fork root laser/fork root camera) 5. Collision protection strip 6. Emergency stop switch

### Interactive Devices

1. Touch screen (optional: call box, PAD, smartphone, computer, aerial camera)

### Traffic Management and Scheduling

1. WLAN management 2. Multi-vehicle management within the same system (optional: 5G network management, mixed management of different systems)

- Audio-Visual Alerts** 1. Voice alerts 2. Arc-shaped lights (optional: red area lights) 3. Turn signals

### Equipment Integration

- Optional:** (1. Automatic doors 2. Conveyor belt 3. Palletizer 4. Robotic arm 5. Elevator)

### System Integration

- Optional:** (1. WMS 2. MES 3. ERP 4. Others)

型号 Model	LADZ200
导航方式 Navigation Method	激光 SLAM/ 反光板 Laser SLAM/Reflector
载荷 Loading Capacity (kg)	2000
起升高度 Lift Height (mm)	110
外形尺寸 (长 / 宽 / 高) Dimensions(L*W*H)(mm)	1738/846/2175
自重 Weight (kg)	525
货叉外宽 Distance between fork-arms (mm)	540/600/685
转弯半径 Turning radius(mm)	1310
行驶速度, 满载 / 空载 Driving speed, loaded/unloaded (m/s)	2/2
定位精度 Positioning Accuracy (mm)	± 10
最大爬坡度, 满载 / 空载 Gradeability,loaded/unloaded(%)	5/10
电瓶电压 / 标称容量 Battery Voltage/Nominal Capacity (V/Ah)	24/150

# HIGH SPEED AMR FOR LOGISTICS LABZ200

## 高速物流专用搬运机器人 LABZ200



**基础功能** 1. 手动功能 2. 快速换电 (可选)  
**导航功能** 1. 激光 SLAM 2. 激光反光板  
**安全功能** 1. 顶部相机 2. 底部单激光 (可选底部双激光) 3. 侧面超声 4. 叉尖光电 (可选叉尖激光) 5. 防撞条 6. 急停开关 7. 行车记录仪 (可选)  
**声光提醒** 1. 语音提醒 2. 蓝光灯 (可选红色区域灯) 3. 转向灯  
**普通任务** 1. 点对点 2. 点对区 3. 区对点 4. 区对区 5. 绑定车 6. 择优选择  
**协同任务** 1. 点对点 2. 点对区 3. 区对点 4. 区对区 5. 绑定车 6. 择优选择 7. 对接协同 8. 动作协同 9. 位置协同  
**库区功能** 1. 顺序卸货 2. 顺序取货 3. 同时取和卸 4. 双向进出 5. 空满显示 6. 库区筛选 7. 单库位清空置满 8. 整库区清库 / 满库  
**车载交互** 1. 触摸屏 2. 多键按钮  
**呼叫设备** 1. 按钮盒 2. PAD 3. 手机 4. 电脑 5. 空中相机  
**设备对接** 1. 电梯 (多楼层、单开门、双开门) 2. 升降机 3. 自动门 4. 风淋室 5. 机械臂 6. 码垛机 7. 输送线  
**系统对接** 1. WMS 2. MES 3. ERP 4. 其他  
**识别功能** 1. 托盘识别 2. 扫码功能 3. 空位识别  
**实施功能** 1. 点对点示教 2. 示教路线 / 库位可视化 3. 示教路线 / 库位可编辑 4. 库位阵 5. 自定义库区 6. 自定义任务

**Basic Functions** 1. Manual operation 2. Quick Battery Swap 3. Automatic charging (optional)  
**Navigation Functions** 1. Laser SLAM 2. Laser Reflector  
**Safety Features** 1. Top camera 2. Single bottom laser (optional: dual bottom lasers) 3. Side ultrasonic sensors 4. Fork tip photoelectric sensor (optional: fork tip laser) 5. Collision protection strip 6. Emergency stop switch 7. Dashcam (optional)  
**Audio-Visual Alerts** 1. Voice alerts 2. Blue light (optional: red area light) 3. Turn signals  
**Normal Tasks:** 1. Point-to-Point 2. Point-to-Area 3. Area-to-Point 4. Area-to-Area 5. Bound Vehicles 6. Optimal Selection  
**Collaborative Tasks:** 1. Point-to-Point 2. Point-to-Area 3. Area-to-Point 4. Area-to-Area 5. Bound Vehicles 6. Optimal Selection 7. Docking Collaboration 8. Action Collaboration 9. Position Collaboration  
**Warehouse Functions** 1. Sequential unloading 2. Sequential picking 3. Simultaneous picking and unloading 4. Bidirectional entry and exit 5. Empty/full display 6. Warehouse area filtering 7. Single location clearing/filling 8. Clear/Fill Entire Warehouse Area  
**Onboard Interaction** 1. Touch screen 2. Multi-button control panel  
**Calling Devices** 1. Button box 2. PAD 3. Smartphone 4. Computer 5. Aerial camera  
**Equipment Integration** 1. Elevator (multi-floor, single door, double door) 2. Lift Platform 3. Automatic doors 4. Air shower 5. Robotic arm 6. Palletizer 7. Conveyor belt  
**System Integration** 1. WMS 2. MES 3. ERP 4. Others  
**Recognition Functions** 1. Pallet recognition 2. Barcode scanning 3. Empty space recognition  
**Implementation Functions** 1. Point-to-point teaching 2. Visualized teaching routes/locations 3. Editable teaching routes/locations 4. Location array 5. Customizable warehouse area 6. Customizable tasks

型号 Model	LABZ200
导航方式 Navigation Method	激光 SLAM / 反光板 Laser SLAM / Reflector
载荷 Loading Capacity (kg)	2000
起升高度 Lift Height (mm)	110
外形尺寸 (长 / 宽 / 高) Dimensions(L*W*H)(mm)	2385/830/2175
自重 Weight (kg)	625
货叉外宽 Distance between fork-arms (mm)	540/600/685
转弯半径 Turning radius(mm)	2030
行驶速度, 满载 / 空载 Driving speed, loaded/unloaded (m/s)	1.5/3
定位精度 Positioning Accuracy (mm)	± 10
最大爬坡度, 满载 / 空载 Gradeability, loaded/unloaded(%)	8/16
电瓶电压 / 标称容量 Battery Voltage/Nominal Capacity (V/Ah)	24/150



# INDOOR & OUTDOOR MULTI-SCENARIO AMR SWLABZ200

## 室内外多场景智能搬运机器人 SWLABZ200



**基础功能** 1. 手动功能 2. 快速换电 (可选自动充电)  
**导航功能** 1. 3D 激光 SLAM  
**任务类型** 1. 点对点自动搬运 2. 点对列自动搬运 (可选列对点自动搬运、列对列自动搬运)  
**安全功能** 1. 顶部激光 2. 补盲激光 3. 叉尖激光 4. 防撞条 5. 急停开关  
**交互设备** 1. 触摸屏 (可选呼叫盒、手机、电脑、空中相机)  
**交管调度** 1. 无线局域网交管 2. 同系统多车交管 (可选 5G 网络交管、不同系统混合交管)  
**声光提醒** 1. 语音提醒 2. 转向灯 3. 示廓灯 (可选配蓝光灯)  
**识别功能** 1. 托盘位置识别 2. 库区空位识别 (可选扫码功能、称重功能)  
**设备对接** 可选配 (1. 电梯 2. 升降机 3. 自动门 4. 输送线 5. 立体库)  
**系统对接** 可选配 (1. WMS 系统 2. MES 系统 3. ERP 系统 4. 其他)

**Basic Functions** 1. Manual operation 2. Quick battery swap (optional: automatic charging)  
**Navigation Functions** 1. 3D Laser SLAM  
**Task Types** 1. Point-to-point automatic transport 2. Point-to-multiple automatic transport (optional: multiple-to-point automatic transport, multiple-to-multiple automatic transport)  
**Safety Features** 1. Top laser 2. Blind spot laser 3. Fork tip laser 4. Collision protection strip 5. Emergency stop switch  
**Interactive Devices** 1. Touch screen (optional: call box, smartphone, computer, aerial camera)  
**Traffic Management and Scheduling** 1. WLAN traffic management 2. Multi-vehicle management within the same system (optional: 5G network management, mixed management of different systems)  
**Audio-Visual Alerts** 1. Voice alerts 2. Turn signals 3. Clearance lights (optional: blue light)  
**Recognition Functions** 1. Pallet position recognition 2. Warehouse empty space recognition (optional: barcode scanning, weighing function)  
**Equipment Integration** Optional: (1. Elevator 2. Lift 3. Automatic door 4. Conveyor belt 5. Automated warehouse system)  
**System Integration** Optional: (1. WMS 2. MES 3. ERP 4. Others)

型号 Model	LABZ200
导航方式 Navigation Method	3D 激光 SLAM 3D Laser SLAM
载荷 Loading Capacity (kg)	2000
起升高度 Lift Height (mm)	110
外形尺寸 (长 / 宽 / 高) Dimensions(L*W*H)(mm)	2045/848/2105
自重 Weight (kg)	680
货叉外宽 Distance between fork-arms (mm)	540/600/685
转弯半径 Turning radius(mm)	1785
行驶速度, 满载 / 空载 Driving speed, loaded/unloaded (m/s)	1.5/2
定位精度 Positioning Accuracy (mm)	± 10
最大爬坡度, 满载 / 空载 Gradeability, loaded/unloaded(%)	8/16
电瓶电压 / 标称容量 Battery Voltage/Nominal Capacity (V/Ah)	24/150

# PEDESTRIAN AUTO ELECTRIC PALLET TRUCK LABZS150

## 步行式自动搬运车 LABZS150



- 基础功能** 1. 手动功能 2. 快速换电  
**导航功能** 1. 视觉反光贴  
**安全功能** 1. 顶部激光 2. 底部激光 3. 叉尖光电 4. 防撞条 5. 急停开关  
**声光提醒** 1. 语音提醒 2. 转向灯  
**普通任务 B:** 手动 - 手动 / 自动 S: 自动 - 自动  
**库区功能** 1. 按列顺序卸货 2. 空中相机顺序取货 3. 空满显示 4. 库区筛选 5. 单车位清空 / 置满 6. 空中相机管理  
**车载交互** 1. 触摸屏 2. 多键按钮  
**呼叫设备** 1. 按钮盒 2. PAD 3. 空中相机  
**设备对接** 1. 电梯 2. 自动门  
**实施功能** 1. 点对点示教 2. 自定义任务

### Basic Functions

1. Manual operation 2. Quick Battery Swap

### Navigation Functions

1. Visual reflective stickers

**Safety Features:** 1. Top Laser 2. Bottom Laser 3. Fork Tip Photoelectric 4. Anti-collision Bar 5. Emergency Stop Switch

### Audio-Visual Alerts

1. Voice alerts 2. Turn signals

### Normal Tasks:

B: Manual-Manual / Automatic S: Automatic-Automatic

### Warehouse Functions

1. Sequential unloading 2. Aerial Camera Order Picking 3. Empty/full display 4. Warehouse area filtering 5. Single location clearing/filling 6. Aerial Camera Management

### Onboard Interaction

1. Touch screen 2. Multi-button control panel

### Calling Devices

1. Button box 2. PAD 3. Aerial camera

### Equipment Integration

1. Elevator 2. Automatic doors

### Implementation Functions

1. Point-to-point teaching 2. Customizable tasks

型号 Model	LABZS150
导航方式 Navigation Method	视觉导航 Visual navigation
载荷 Loading Capacity (kg)	1500
起升高度 Lift Height (mm)	95
外形尺寸 (长 / 宽 / 高) Dimensions(L*W*H)(mm)	1703/842/1470
自重 Weight (kg)	325
货叉外宽 Distance between fork-arms (mm)	540/600/685
转弯半径 Turning radius(mm)	1570
行驶速度, 满载 / 空载 Driving speed, loaded/unloaded (m/s)	1/1.5
定位精度 Positioning Accuracy (mm)	± 20
最大爬坡度, 满载 / 空载 Gradeability,loaded/unloaded(%)	5/10
电瓶电压 / 标称容量 Battery Voltage/Nominal Capacity (V/Ah)	24/60



# PEDAL AUTO ELECTRIC PALLET TRUCK LABZS200

## 踏板式自动搬运车 LABZS200



- 基础功能** 1. 手动充电  
**导航功能** 2. 天花板视觉导航 / 反光板  
**任务类型** 1. 跨车间, 跨楼层, 长距离搬运 2. 单点到多点搬运  
**安全功能** 1. 上下双激光避障 2. 防撞条 3. 叉尖光电  
**交互设备** 1. 手机 2. 按键切换任务  
**交管调度** 1. 无线局域网交管  
**声光提醒** 1. 语音提醒 2. 转向灯  
**延伸对接** 1. 自动门对接 2. 电梯对接

### Basic Functions

1. Manual charging

### Navigation Functions

1. Ceiling visual navigation/reflector

### Task Types

1. Inter-workshop, inter-floor, long-distance transportation 2. Single point to multiple points transportation

### Safety Features

1. Dual top and bottom obstacle avoidance lasers 2. Collision protection strip 3. Fork tip photoelectric sensor

### Interactive Devices

1. Smartphone 2. Button for task switching

### Traffic Management and Scheduling

1. WLAN management

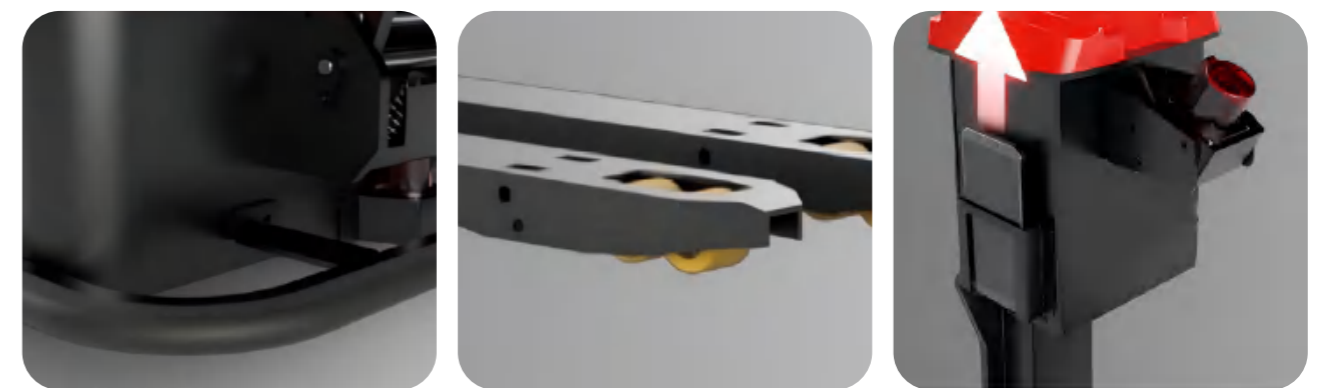
### Audio-Visual Alerts

1. Voice alerts 2. Turn signals

### Extended Integration

1. Automatic door integration 2. Elevator integration

型号 Model	LABZS200
导航方式 Navigation Method	视觉导航 Visual navigation
载荷 Loading Capacity (kg)	2000
起升高度 Lift Height (mm)	110
外形尺寸 (长 / 宽 / 高) Dimensions(L*W*H)(mm)	1905/830/1690
自重 Weight (kg)	680
货叉外宽 Distance between fork-arms (mm)	540/600/685
转弯半径 Turning radius(mm)	1570
行驶速度, 满载 / 空载 Driving speed, loaded/unloaded (m/s)	1.5/2
定位精度 Positioning Accuracy (mm)	± 20
最大爬坡度, 满载 / 空载 Gradeability,loaded/unloaded(%)	8/16
电瓶电压 / 标称容量 Battery Voltage/Nominal Capacity (V/Ah)	24/150



# INDOOR REACH AMR FORKLIFT LAQDZ120

## 室内智能前移式机器人 LAQDZ120



- 基础功能** 1. 手动功能 2. 自动充电 (可选)  
**任务类型** 1. 点对点 2. 择优选择  
**交互设备** 1. 触摸屏  
**导航功能** 1. 激光 SLAM/ 反光板  
**安全功能** 1. 顶部相机 2. 支腿避障 3. 前方下面两侧避障激光 4. 叉尖光电 5. 防撞条 6. 急停开关  
**交管调度** 1. 无线局域网交管  
**声光提醒** 1. 语音提醒 2. 转向灯 3. 区域警示灯  
**库区功能** 1. 顺序卸货 2. 顺序取货 3. 同时取和卸 4. 双向进出 5. 空满显示 6. 库区筛选 7. 单库位清空置满 8. 整库区清库 / 满库  
**设备对接** 可选配 (1. 机械臂 2. 升降机 3. 自动门 4. 输送线)  
**系统对接** 可选配 (1. WMS 系统 2. MES 系统 3. ERP 系统 4. 其他)

### Basic Functions

1. Manual operation 2. Automatic charging (optional)

### Task Types

1. Point-to-point 2. Optimal selection

### Interactive Devices

1. Touch screen

### Navigation Functions

1. Laser SLAM 2. Laser Reflector

### Safety Features

1. Top camera 2. Outrigger obstacle avoidance 3. Front lower side obstacle avoidance lasers 4. Fork tip photoelectric sensor 5. Collision protection strip 6. Emergency stop switch

### Traffic Management and Scheduling

1. WLAN management

### Audio-Visual Alerts:

1. Voice Prompt 2. Turn Signal 3. Area Warning Light

### Warehouse Functions

1. Sequential unloading 2. Sequential picking 3. Simultaneous picking and unloading 4. Bidirectional entry and exit 5. Empty/full display 6. Warehouse area filtering 7. Single location clearing/filling 8. Clear/Fill Entire Warehouse Area

### Equipment Integration

- Optional: (1. Robotic arm 2. Lift 3. Automatic door 4. Conveyor belt)

### System Integration

- Optional: (1. WMS 2. MES 3. ERP 4. Others)

型号 Model	LAQDZ120
导航方式 Navigation Method	3D 激光 SLAM 3D Laser SLAM
载荷 Loading Capacity (kg)	1200
起升高度 Lift Height (mm)	3200
外形尺寸 (长/宽/高) Dimensions(L*W*H)(mm)	2361/1200/2359
自重 Weight (kg)	2250
货叉外宽 Distance between fork-arms (mm)	350-780
转弯半径 Turning radius(mm)	1605
行驶速度, 满载 / 空载 Driving speed, loaded/unloaded (m/s)	1/1
定位精度 Positioning Accuracy (mm)	± 30
最大爬坡度, 满载 / 空载 Gradeability, loaded/unloaded(%)	6/10
电瓶电压 / 标称容量 Battery Voltage/Nominal Capacity (V/Ah)	48/150



# OUTDOOR REACH AMR FORKLIFT SWLAQDZ150

## 室外智能前移式机器人 SWLAQDZ150



- 基础功能** 1. 手动功能 2. 自动充电 (可选)  
**导航功能** 1. 3D 激光 SLAM  
**声光提醒** 1. 语音提醒 2. 区域警示灯 3. 转向灯  
**设备对接** 可选配 (1. 自动门 2. 输送线 3. 机械臂 4. 升降机 5. 电梯 6. 其他)  
**安全功能** 1. 顶部激光 2. 补盲激光 3. 叉尖光电 4. 挡货架避障激光 5. 防撞条 6. 急停开关  
**任务类型** 1. 点对点 2. 点对列 (可选列对点、列对列)  
**系统对接** 可选配 (1. WMS 2. MES 3. ERP 4. 其他)  
**交管调度** 1. 无线局域网交管 2. 同系统多车交管 (可选 5G 网络交管, 不同系统混合交管)  
**交互设备** 1. 触摸屏 (可选呼叫盒、手机、电脑、空中相机)

### Basic Functions

1. Manual operation 2. Automatic charging (optional)

### Navigation Functions

1. 3D Laser SLAM

### Audio-Visual Alerts

1. Voice alerts 2. Area warning lights 3. Turn signals

### Equipment Integration

- Optional: (1. Automatic doors 2. Conveyor belt 3. Robotic arm 5. Elevator 6. Others)

### Safety Features

1. Top laser 2. Blind spot laser 3. Fork tip photoelectric sensor 4. Rack obstacle avoidance laser 5. Collision protection strip 6. Emergency stop switch

### Task Types

1. Point-to-point 2. Point-to-multiple (optional: multiple-to-point, multiple-to-multiple)

### System Integration

- Optional: (1. WMS 2. MES 3. ERP 4. Others)

### Traffic Management and Scheduling

1. WLAN management 2. Multi-vehicle management within the same system (optional: 5G network management, mixed management of different systems)

### Interactive Devices

1. Touch screen (optional: call box, smartphone, computer, aerial camera)



型号 Model	SWLAQDZ150
导航方式 Navigation Method	3D 激光 SLAM 3D Laser SLAM
载荷 Loading Capacity (kg)	1500
起升高度 Lift Height (mm)	3000
外形尺寸 (长/宽/高) Dimensions(L*W*H)(mm)	2200/1294/2472
自重 Weight (kg)	2675
货叉外宽 Distance between fork-arms (mm)	350-660
转弯半径 Turning radius(mm)	1641
行驶速度, 满载 / 空载 Driving speed, loaded/unloaded (m/s)	1.5/2
定位精度 Positioning Accuracy (mm)	± 30
最大爬坡度, 满载 / 空载 Gradeability, loaded/unloaded(%)	6/10
电瓶电压 / 标称容量 Battery Voltage/Nominal Capacity (V/Ah)	48/280

# INDOOR ELECTRIC TOW TRACTOR AQYZ400

## 室内牵引式机器人 AQYZ400



基础功能 1. 手动功能 2. 自动充电 (可选)  
 导航功能 1. 激光 SLAM 2. 激光反光板  
 任务类型 1. 点对点  
 交互设备 1. 触摸屏 (可选呼叫盒、PAD、手机、电脑、空中相机)  
 交管调度 1. 无线局域网交管 2. 同系统多车交管 (可选 5G 网络交管、不同系统混合交管)  
 声光提醒 1. 语音提醒 2. 蓝光灯 (可选红色区域灯) 3. 转向灯  
 系统对接 1. WMS 2. MES 3. ERP 4. 其他  
 安全功能 1. 顶部相机 2. 底部单激光 (可选双激光) 3. 侧面超声 4. 防撞条 5. 急停开关

### Basic Functions

1. Manual operation 2. Automatic charging (optional)

### Navigation Functions

1. Laser SLAM 2. Laser Reflector

### Task Types

1. Point-to-point

### Interactive Devices

1. Touch screen (optional: call box, PAD, smartphone, computer, aerial camera)

### Traffic Management and Scheduling

1. WLAN management 2. Multi-vehicle management within the same system (optional: 5G network management, mixed management of different systems)

### Audio-Visual Alerts

1. Voice alerts 2. Blue light (optional: red area light) 3. Turn signals

### System Integration

Optional: (1. WMS 2. MES 3. ERP 4. Others)

**Safety Features** 1. Top camera 2. Single bottom laser (optional: dual bottom lasers) 3. Side ultrasonic sensors 4. Collision protection strip 5. Emergency stop switch

型号 Model	AQYZ400
操作类型 Operation Type	站驾式 Stand-up
载重 Loading Capacity (kg)	4000
自重 Weight (kg)	820
外形尺寸 (长/宽/高) Dimensions(L*W*H)(mm)	1513/910/2182
轮胎尺寸 Tire size	Φ230X90
整体高度 Overall Height (mm)	2182
最大牵引力 Max. Traction(N)	2000
行驶速度, 满载/空载 Driving speed, loaded/unloaded (m/s)	5/7
定位精度 Positioning Accuracy (mm)	±20
最大爬坡度, 满载/空载 Gradeability, loaded/unloaded(%)	3/15
电瓶电压/标称容量 Battery Voltage/Nominal Capacity (V/Ah)	24/150



# OUTDOOR ELECTRIC TOW TRACTOR AQYZ600

## 室外牵引式机器人 AQYZ600



基础功能 1. 手动功能  
 导航功能 1. 激光 SLAM  
 任务类型 1. 点对点 2. 择优选择  
 安全功能 1. 顶部及两侧避障激光 2. 两侧急停开关  
 交管调度 1. 无线局域网交管  
 交互设备 1. 触摸屏  
 声光提醒 1. 语音提醒 2. 转向灯 3. 前大灯  
 系统对接 可选配 (1. WMS 系统 2. MES 系统 3. ERP 系统 4. 其他)

### Basic Functions

1. Manual operation

### Navigation Functions

1. Laser SLAM

### Task Types

1. Point-to-point 2. Optimal selection

### Safety Features

1. Top and side obstacle avoidance lasers 2. Side emergency stop switches

### Traffic Management and Scheduling

1. WLAN management

### Interactive Devices

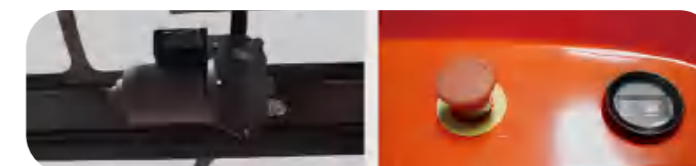
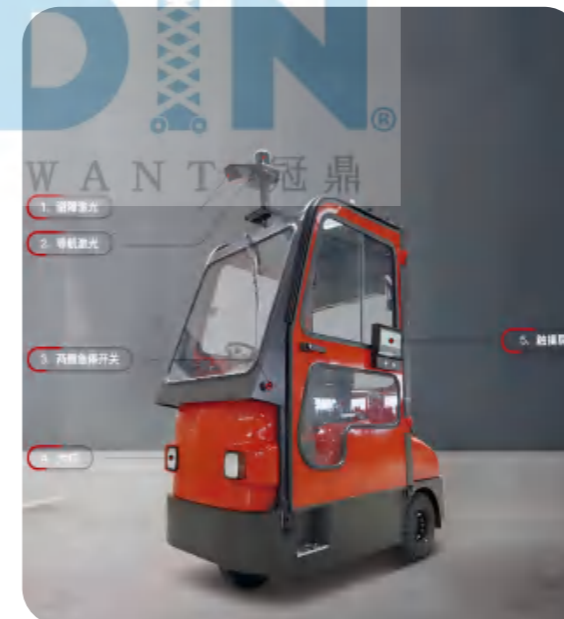
1. Touch screen

**Audio-Visual Alerts** 1. Voice alerts 2. Turn signals 3. Headlights

### System Integration

Optional: (1. WMS 2. MES 3. ERP 4. Others)

型号 Model	AQYZ600
操作类型 Operation Type	乘驾式 Ride-on
载重 Loading Capacity (kg)	6000
自重 Weight (kg)	1220
外形尺寸 (长/宽/高) Dimensions(L*W*H)(mm)	1966/1445/2400
行驶速度, 满载/空载 Driving speed, loaded/unloaded (m/s)	2/2.5
定位精度 Positioning Accuracy (mm)	±20
最大爬坡度, 满载/空载 Gradeability, loaded/unloaded(%)	7/25
电瓶电压/标称容量 Battery Voltage/Nominal Capacity (V/Ah)	48/280



# MULTI-LAYER BIN AMR LALX30

## 多层料箱机器人 LALX30

多层料箱机器人可实现料箱智能拣选、存取，多料箱同时搬运。

采用双轮差速和二维码导航，实现平稳行走和旋转，技术成熟稳定；

人机协同工作效率提升 3-4 倍，提升单位时间内人工作业效率；

业务柔性，兼容多尺寸料箱、纸箱拣选；

算法确保拣选准确率，一次性存取多达 6+1 个货箱；

支持急停保护、避障保护、碰撞保护、电池保护、声光报警等多重安全保护。

The multi-layer bin AMR enables intelligent bin picking, storage, and simultaneous transportation of multiple bins.

It uses differential drive with dual wheels and QR code navigation for stable movement and rotation, with mature and stable technology.

Human-machine collaboration increases work efficiency by 3-4 times, enhancing manual operation efficiency per unit time.

Flexible operations, compatible with picking bins and cartons of various sizes.

Algorithms ensure picking accuracy, allowing up to 6+1 bins to be stored or retrieved at once.

The robot supports multiple safety protections, including emergency stop, obstacle avoidance, collision protection, battery protection, and audio-visual alarms.



### 产品参数 / Product Parameter

型号 Model	LALX30-M	LALX30-G	LALX30-L	LALX30-X	
机器人尺寸 Robot Dimensions (L*W*H) (mm)	1300x800x3160 (高度可支持范围 1000-3560) (Height Support Range 1000-3560)	1600x1000x4360(高度可支持范围 1000-5560) (Height Support Range 1000-5560)	1830x1060x4360(高度可支持范围 1000-5560) (Height Support Range 1000-5560)	2130x1260x4470(高度可支持范围 1000-5670) (Height Support Range 1000-5560)	
载具兼容尺寸 Compatible Load Sizes (L*W*H) (mm)	(400-300)x(300-230)x(600-105)	(600-300)x(400-300)x(600-120)	(670-300)x(500-300)x(600-120)	(800-600)x(600-400)x(600-120)	
自重 Weight (kg)	380	480	550	650	
机械旋转直径 Mechanical Rotation Diameter (mm)	1300	1600	1830	2130	
整机最大负载 Maximum Load Capacity(kg)	300	300	300	300	
单箱最大负载 Maximum Load per Bin (kg)	50	50	50	50	
取货高度 Picking Height (mm)	400-3200	400-5200	400-5200	430-5200	
直径最大运动速度 Maximum Movement Speed (m/s)	1.8	1.8	1.7	1.2	
行进方向停止精度 Stopping Accuracy in Travel Direction(mm)	± 10	± 10	± 10	± 10	
充电性能 Charging and Discharging Performance	充满时间 Charging Time(h)	≤ 1.5	≤ 1	≤ 1	≤ 1

# LURKING AMR MFBX SERIES

## 潜伏机器人MFBX系列

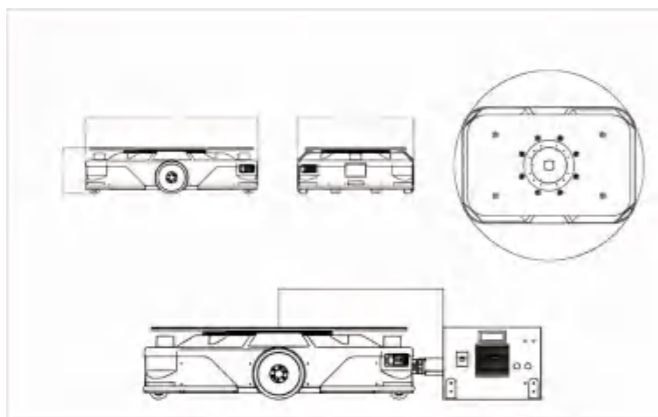


### 产品参数 / Product Parameter

型号 Model	MFBX60	MFBX100	MFBX150
外形尺寸 (L*W*H) Dimensions(L*W*H)	950mm*650mm*250mm	1150mm*820mm*260mm	
旋转直径 Rotation Diameter	965mm	1201mm	
自重 Weight	130kg	180kg	
额定负载 Rated Load	600kg	1000kg	1500kg
底盘离地间隙 Ground Clearance	25mm		
顶升面板尺寸 Lifting Panel Dimensions	850mm*600mm	1030mm*770mm	
人机交互方式 Human-Machine Interaction Method	触控屏 Touch Screen		
顶升驱动 Lifting Drive	电动 Electric		
顶升高度 Lifting Height	60mm		
额定运行速度 (额定负载) Rated Operating Speed(with load)	1.5m/s		
额定运行速度 (额定空载) Rated Operating Speed(without load)	2m/s	1.8m/s	
加速度 (额定负载) Acceleration(with load)	0.3m/s		
加速度 (额定空载) Acceleration(without load)	0.6m/s		
旋转速度 (满载) Rotation Speed(with load)	100/s	70/s	
旋转速度 (空载) Rotation Speed(without load)	200/s	200/s	
驱动方式 Drive Method	双轮差速 Dual-wheel Differential Drive		
导航方式 Navigation Method	激光 Slam/ 二维码 Laser SLAM/QR Code		
激光器安装高度 Laser Installation Height	213mm		
停车位置精度 Parking Position Accuracy	± 10mm		
停车角度精度 Parking Angle Accuracy	± 1°		
电池类型 Battery Type	磷酸铁锂 LiFePO4		
容量 / 额定电压 Capacity/Rated Voltage	24Ah/45V	40Ah/48V	45Ah/48V
充电循环次数 Charge/Discharge Cycle Count	满充满放 1500 次 1500 times		
额定工况续航时间 Rated Operating Time	8h		
完全放电后充电时间 Charging Time After Full Discharge	≤ 1.5h		
前置激光避障 (数盘 / 安装高度) Front Laser Obstacle Avoidance (number of lasers/installation height)	1 个 / 213mm 1 unit / 213 mm		
开角 Opening Angle	250°		
3D 视觉避障 3D Vision Obstacle Avoidance	支持选配 Optional		
后置超声波 Rear Ultrasonic Sensors	支持选配 Optional		
急停按钮 Emergency Stop Button	2 个, 前后各 1 个 2 units, one at the front and one at the rear		
接触式防护 Contact Protection	压电触边开关 Piezoelectric Edge Switch		
声光报警 Audio-Visual Alarms	标配 Standard		
底盘减震方式 Chassis Vibration Damping Method	双段浮动底盘 Double-stage floating chassis		
爬坡能力 Gradeability	≤ 5%/2.8°		
台阶能力 Step Ability	≤ 5mm		
过沟能力 Trench Crossing Ability	≤ 30mm		
环境 Environment	室内环境 Indoor Environment		
地面条件 Ground Conditions	以硬质水泥地面或导电塑胶地面为最佳, 不得有铁屑、油污及腐蚀性液体等。避免行驶路径出现接缝 ≤ 10m, 地面坡度不大于 2.8°, 停车点不大于 1°。基于刹车安全距离及搬运定位精度的需求, 地面滑动摩擦系数应不小于 0.5。 The ideal surface conditions are hard cement or conductive rubber floors, free from metal debris, oil stains, and corrosive liquids. The travel path should avoid seams ≤ 10 m, with a floor slope no greater than 2.8°, and parking point slope no greater than 1°. For braking safety distance and handling positioning accuracy, the surface sliding friction coefficient should be no less than 0.5.		
温度 Temperature	工作区: -10° C-50° C, 充电区: 0° C-50° C, 冷库环境下需特殊定制 Operating Temperature Range: -10° C to 50° C Charging Temperature Range: 0° C to 50° C Special customization required for cold storage environments		
湿度 Humidity	相对湿度 10%-90% 无凝露 Relative Humidity: 10% to 90% (non-condensing)		
信号 Signal	Wifi: 2.4G/5 双频, 无线信号覆盖强度高于 -70dBm WiFi: Dual-band 2.4 GHz/5 GHz, with wireless signal coverage strength above -70 dBm		

# LURKING AMR MFBK SERIES

## 潜伏机器人MFBK系列



### 产品参数 / Product Parameter

型号 Model		MFBK30	MFBK60	MFBK100	MFBK150
基本参数 Basic Parameters	额定负载 Rated Load	300Kg	600Kg	1000Kg	1500kg
	外形尺寸 Dimensions	780*510*260mm	970*650*260mm	1090*810*260mm	1090*810*260mm
	旋转直径 Rotation Diameter	880mm	1060mm	1160mm	1160mm
	举升高度 Lifting Height	60mm	60mm	60mm	60mm
	离地间隙 Ground Clearance	21mm	21mm	21mm	21mm
	举升平台大小 Lifting Platform Size	769*470*R100mm	910*564*R105mm	1040*710mm	1040*710mm
	举升方式 Lifting Method	电动举升 Electric Lifting			
	自重 Weight	115Kg	170Kg	195Kg	220kg
	导航方式 Navigation Method	二维码、激光 QR Code/Laser			
	货架随动功能 Rack Following Function	支持 Support	支持 Support	支持 Support	支持 Support
无线通信 Wireless Communication	WiFi、5G				
液晶显示屏 LCD Display	选配 Optional				
安全防护 Safety Protection	前防护 Front Protection	270° 激光雷达 270° LiDAR			
	后防护 Rear Protection	270° 激光雷达 270° LiDAR			
	防撞触边 Collision Protection Edges	360°			
	急停按钮 Emergency Stop Button	前后各一 One at the front and one at the rear			
	声光告警 Audio-Visual Alarm	具备 Support			
	3D 避障 3D Obstacle Avoidance	选配前后双目 Optional: Front and Rear Dual Cameras			
额定运行速度 (空载) Rated Operating Speed (without load)	2m/s				
运动性能 Movement Performance	额定加速度 (空载) Rated Acceleration (without load)	0.7m/s <sup>2</sup>			
	停止角度精度 Stopping Angle Accuracy	± 1°			
	停止位置精度 Stopping Position Accuracy	± 10mm			
	额定电压 Rated Voltage	48V			
电池性能 Battery Performance	电池容量 Battery Capacity	20Ah	30Ah	40Ah	40Ah
	额定运行时间 Rated Operating Time	8h			
	电池类型 Battery Type	磷酸铁锂 LiFePO <sub>4</sub>			

# POINT-TO-POINT LIFTING AMR MFBZ200/500

## 点对点顶升搬运机器人 MFBZ200/500



- 基础功能 1、手动功能 2、手动充电 (可选自动充电)  
 安全功能 1、激光避障 2、安全触边 3、急停开关 4、料架检测  
 导航功能 1、激光 SLAM (可增加二维码和激光反光板)  
 任务方式 1、点对点 2、点对区 3、区对点 4、区对区 5、绑定车 6、择优选择  
 呼叫设备 1、PAD 2、手机 3、电脑 4、按钮盒  
 设备对接 1、电梯 2、升降机 3、自动门 4、机械臂  
 系统对接 1、WMS 2、MES 3、ERP 4、WCS 5、其他  
 声光提醒 1、语音提醒 2、灯光警示  
 车载交互 1、PAD 2、遥控手柄

### Basic Functions

1. Manual operation 2. Manual charging (optional automatic charging)

### Safety Functions

1. Laser obstacle avoidance 2. Safety edge 3. Emergency stop switch 4. Rack detection

### Navigation Functions

1. Laser SLAM (optional QR codes and laser reflectors)

### Task Modes

1. Point-to-point 2. Point-to-area 3. Area-to-point 4. Area-to-area 5. Vehicle binding 6. Priority selection

### Call Devices

1. Tablet 2. Mobile phone 3. Computer 4. Button box

### Equipment Integration

1. Elevator 2. Lift 3. Automatic door 4. Robotic arm

### System Integration

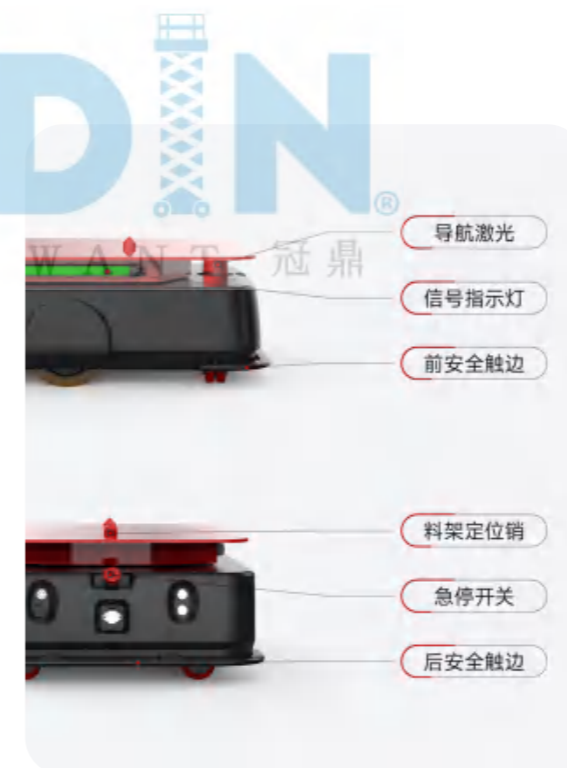
1. WMS 2. MES 3. ERP 4. WCS 5. Others

### Audio-Visual Alerts

1. Voice notifications 2. Light signals

### Onboard Interaction

1. Tablet 2. Remote control handle

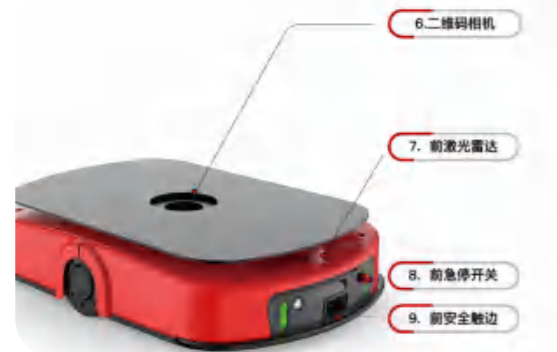


型号 Model	MFBZ200	MFBZ500
导航方式 Navigation Method	激光 SLAM Laser SLAM	
载荷 Loading Capacity (kg)	200	500
起升高度 Lift Height (mm)	60	60
外形尺寸 (长/宽/高) Dimensions (L*W*H)(mm)	690/500/320	1050/700/325
自重 Weight (kg)	80	225
料架最小进宽 Min.Feed Rack Width (mm)	620	800
行驶速度, 满载/空载 Driving speed, loaded/unloaded (m/s)	1/1.5	1/1.5
定位精度 Positioning Accuracy (mm)	± 10	± 10
最大爬坡度, 满载/空载 Gradeability, loaded/unloaded (%)	5/10	5/10
电瓶电压 / 标称容量 Battery Voltage / Nominal Capacity (V/Ah)	24/30	48/30



# POINT-TO-POINT LIFTING AMR MFBZ1000

## 点对点顶升搬运机器人MFBZ1000



- 基础功能** 1、手动功能 2、手动充电 (可选自动充电)  
**安全功能** 1、激光避障 2、安全触边 3、急停开关 4、料架检测  
**导航功能** 1、激光 SLAM(可增加二维码和激光反光板)  
**任务方式** 1、点对点 2、点对区 3、区对点 4、区对区 5、绑定车 6、择优选择  
**呼叫设备** 1、PAD 2、手机 3、电脑 4、按钮盒  
**设备对接** 1、电梯 2、升降机 3、自动门 4、机械臂  
**系统对接** 1、WMS 2、MES 3、ERP 4、WCS 5、其他  
**声光提醒** 1、语音提醒 2、灯光警示  
**车载交互** 1、PAD 2、遥控手柄

### Basic Functions

- 1.Manual operation 2. Manual charging (optional automatic charging)

### Safety Functions

- 1.Laser obstacle avoidance 2.Safety edge 3.Emergency stop switch 4.Rack detection

### Navigation Functions

- 1.Laser SLAM (optional QR codes and laser reflectors)

### Task Modes

- 1.Point-to-point 2.Point-to-area 3.Area-to-point 4.Area-to-area 5.Vehicle binding 6.Priority selection

### Call Devices

- 1.Tablet 2.Mobile phone 3.Computer 4.Button box

### Equipment Integration

- 1.Elevator 2.Lift 3.Automatic door 4.Robotic arm

### System Integration

- 1.WMS 2.MES 3.ERP 4.WCS 5.Others

### Audio-Visual Alerts

- 1.Voice notifications 2.Light signals

### Onboard Interaction

- 1.Tablet 2.Remote control handle

性能参数 Parameters	
型号 Model	MFBZ1000
导航方式 Navigation Method	二维码 / 激光 SLAM QR Code /Laser SLAM
载荷 Loading Capacity (kg)	1000
起升高度 Lift Height (mm)	60
外形尺寸 (长 / 宽 / 高) Dimensions(L*W*H)(mm)	1185/815/250
自重 Weight (kg)	250
行驶速度, 满载 / 空载 Driving speed, loaded/unloaded (m/s)	1.8/2
定位精度 Positioning Accuracy (mm)	± 10
最大爬坡度, 满载 / 空载 Gradeability,loaded/unloaded(%)	3/10
电瓶电压 / 标称容量 Battery Voltage/Nominal Capacity (V/Ah)	48/40



# POINT-TO-POINT PIGGYBACK AMR MLBZ500

## 点对点背负搬运机器人 MLBZ500



- 基础功能** 1、手动功能 2、手动充电 (可选自动充电)  
**导航功能** 1、激光 SLAM 2、激光反光板  
**车载交互** 1、触摸屏 2、车载手柄  
**安全功能** 1、激光避障 2、安全触边 3、急停开关  
**声光提醒** 1、语音提醒 2、灯光警示  
**任务方式** 1、点对点 2、绑定车 3、择优选择  
**呼叫设备** 1、PAD 2、手机 3、电脑 4、呼叫盒  
**设备对接** 1、电梯 2、升降机 3、自动门 4、机械臂  
**系统对接** 1、WMS 2、MES 3、ERP 4、WCS 5、其他

### Basic Functions

- 1.Manual operation 2.Manual charging (optional: automatic charging)

### Navigation Functions

- 1.Laser SLAM 2.Laser reflector

### Onboard Interaction

- 1.Touch screen 2.Onboard handle

### Safety Features

- 1.Obstacle avoidance laser 2.Safety edge 3.Emergency stop switch

### Audio-Visual Alerts

- 1.Voice alerts 2.Light warnings

### Task Methods

- 1.Point-to-point 2.Vehicle binding 3.Optimal selection

### Calling Devices

- 1.PAD 2.Smartphone 3.Computer 4.Call box

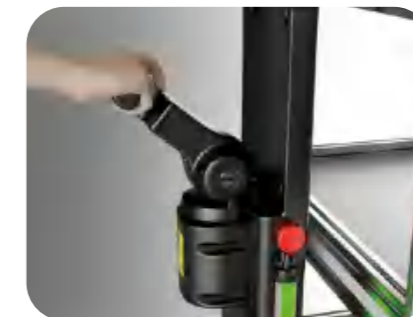
### Equipment Integration

- 1.Elevator 2.Lift 3.Automatic door 4.Robotic arm

### System Integration

- 1.WMS 2.MES 3.ERP 4.WCS 5.Others

性能参数 Parameters	
型号 Model	MLBZ500
导航方式 Navigation Method	激光 SLAM/ 反光板 Laser SLAM /Reflector
载荷 Loading Capacity (kg)	500
外形尺寸 (长 / 宽 / 高) Dimensions(L*W*H)(mm)	1045/700/1400
自重 Weight (kg)	285
标准料架尺寸 (长 / 宽 / 层高) Standard rack dimensions (L/W/H)	680/620/810
行驶速度, 满载 / 空载 Driving speed, loaded/unloaded (m/s)	1/1.5
定位精度 Positioning Accuracy (mm)	± 10
最大爬坡度, 满载 / 空载 Gradeability,loaded/unloaded(%)	5/10
电瓶电压 / 标称容量 Battery Voltage/Nominal Capacity (V/Ah)	48/30

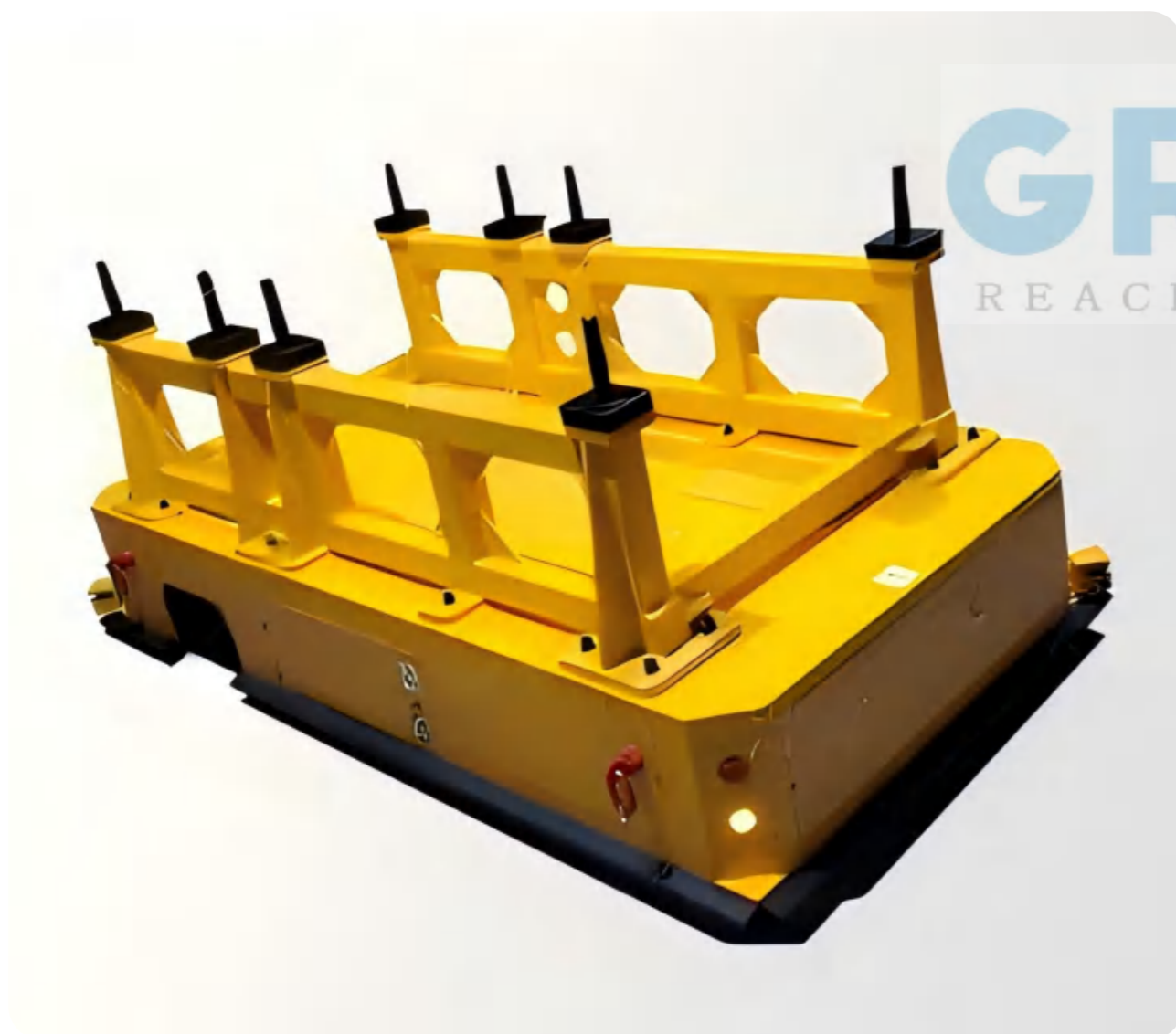


## 14T HEAVY-DUTY AGV FOR ENGINE TRANSPORTATION

### 用于发动机运输的14吨重载AGV

这款 14 吨背负式重载 AGV 专为重型发动机运输设计，具备 14 吨的承载能力和强劲的四轮驱动系统，确保在高负载运输中稳定运行。采用磁导航技术，支持多种行走模式，包括 360° 旋转和平移，操作灵活便捷。配备专用发动机支架，能牢固固定发动机，避免运输过程中的震动或位移。其远距离避障系统和接触式防撞机构进一步提高了安全性。搭载 48V 电池，续航能力强，适用于复杂工业环境中的重型物料搬运任务。

This 14-ton back-loading heavy-duty AGV is specifically designed for the transportation of heavy engines. It features a 14-ton load capacity and a powerful four-wheel drive system, ensuring stable operation during high-load transport. Equipped with magnetic navigation technology, it supports various movement modes, including 360° rotation and translation, offering flexible and convenient operation. The AGV is fitted with a dedicated engine bracket that securely holds the engine in place, preventing vibration or displacement during transportation. Its long-range obstacle detection system and contact-type collision protection mechanism further enhance safety. Powered by a 48V battery with strong endurance, it is ideal for heavy material handling tasks in complex industrial environments.



## PARALLEL BACK-LOADING LIFTING AGV

### 平行背负举升式AGV

这款平行背负举升式 AGV 专为光伏薄膜材料、涂布机偏心对接及圆柱形卷料的运输设计，最大承载 1 吨，具有灵活的差速驱动和磁条导航系统。AGV 配备背负 + 举升功能，能够安全抬起货物，确保运输过程稳定可靠。车辆自重 1.2 吨，电压 48V，搭载 40AH 电池，具备较强续航能力。其紧凑的转弯半径和四个支撑轮设计，确保在狭小空间内灵活操作，广泛应用于光伏产业和重型材料搬运任务。

This parallel back-loading lifting AGV is designed for the transportation of photovoltaic film materials, eccentric docking with coating machines, and cylindrical roll materials. With a maximum load capacity of 1 ton, it features flexible differential drive and magnetic strip navigation systems. The AGV is equipped with back-loading and lifting functions to securely raise the load, ensuring stable and reliable transportation. Weighing 1.2 tons and powered by a 48V system with a 40AH battery, it offers strong endurance. Its compact turning radius and four support wheels ensure agile operation in tight spaces, making it ideal for the photovoltaic industry and heavy material handling tasks.



## 5T BACK-LOADING AGV WITH TILTER

### 5吨背负翻转式AGV

这款 5 吨背负翻转式 AGV 的最大特点是其翻转式上装，专为车桥装配线及多姿态调节装配任务（如发动机、压缩机等部件）设计。AGV 自重 5.5 吨，承载重量为 5 吨，采用双驱动系统，确保重载时的稳定性。车体尺寸为 L3400\*W2500\*H800mm，通过磁条导航实现手动遥控和自动运行切换。AGV 的框架结构为管板，悬挂系统采用弹簧设计，转弯半径为 1477.5mm。48V 电池和 80AH 电池提供强劲的续航能力，确保设备在复杂工况下高效作业。

This 5-ton back-loading flip-type AGV's standout feature is its flip-type upper structure, designed specifically for axle assembly lines and multi-posture assembly tasks (such as engines, compressors, and other components). The AGV weighs 5.5 tons and has a load capacity of 5 tons, using a dual-drive system to ensure stability under heavy loads. The vehicle's dimensions are L3400W2500H800mm, and it utilizes magnetic strip navigation for manual remote control and automatic operation switching. The AGV's frame is constructed from pipe panels, and its suspension system features a spring design, with a turning radius of 1477.5mm. Powered by a 48V battery with an 80AH capacity, it provides strong endurance, ensuring efficient operation in complex work environments.

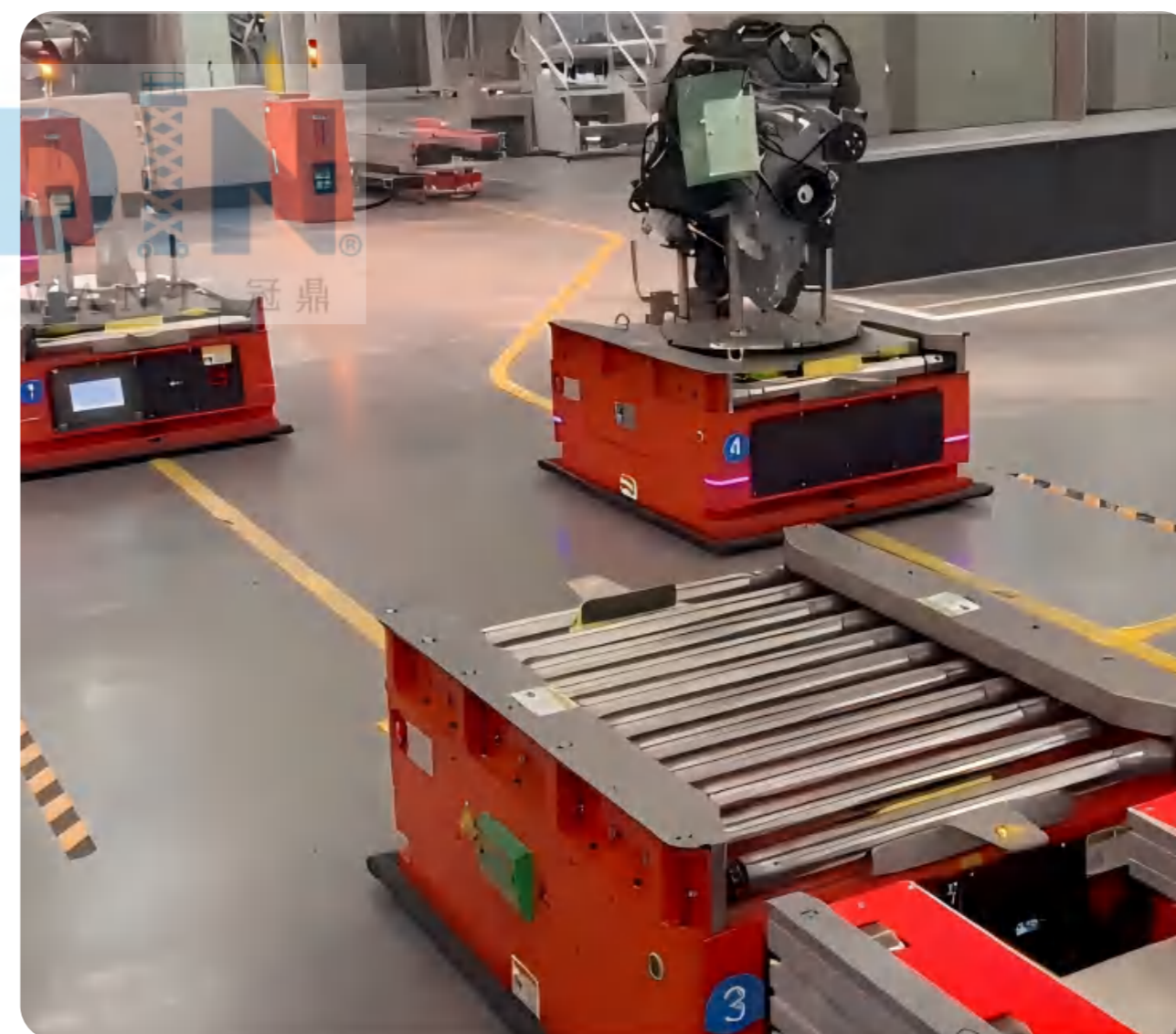


## AGV WITH ROLLER CONVEYOR FOR AUTOMATIC DOCKING AND MATERIAL TRANSPORT

### 台面带辊筒自动对接输送AGV

台面带辊筒自动对接输送 AGV 是一种集成了自动对接与辊筒输送功能的智能搬运设备，专为优化物料传输和仓储管理而设计。其台面配备辊筒输送系统，能够实现自动装载、输送和卸载货物。通过智能导航技术，AGV 能够自主在仓库或工厂内移动，并与输送线、工作台等设备精确对接，确保物料在各工位之间顺畅传递。该 AGV 不仅提高了物流搬运的效率，还减少了人工操作，支持与仓储管理系统（WMS）的集成，是现代智能化物流系统中的关键组成部分。

The AGV with roller conveyor for automatic docking and transport is an intelligent material handling device, designed to optimize material flow and warehouse management. Its tabletop is equipped with a roller conveyor system that allows for automatic loading, transport, and unloading of goods. Using advanced navigation technology, the AGV can autonomously move within a warehouse or factory and accurately dock with conveyor lines, workstations, or other equipment, ensuring smooth transfer of materials between stations. This AGV enhances logistics efficiency, reduces manual labor, and supports integration with Warehouse Management Systems (WMS), making it a critical component of modern smart logistics systems.



## AUTOMATED BOX HANDLING ROBOT AGV

### 自动化箱体搬运机器人AGV

自动化箱体搬运机器人 AGV 专为“货到人”模式设计，旨在优化仓储和物流作业。该 AGV 可根据需求灵活定制，适用于单深位和双深位货架的高效存取操作。凭借先进的导航和控制系统，机器人能够自主执行箱体的搬运任务，大幅提高仓库空间利用率和作业效率，减少人工干预。同时，它还具备高度的灵活性和适应性，能够根据不同的仓储需求进行个性化配置，是现代智能仓储管理中的理想解决方案。

The Automated Box Handling Robot AGV is designed for the "goods-to-person" mode, aimed at optimizing warehouse and logistics operations. This AGV can be customized to meet specific needs and is suitable for efficient storage and retrieval in single-deep and double-deep shelving systems. With advanced navigation and control systems, the robot autonomously handles box transport tasks, significantly improving warehouse space utilization and operational efficiency while reducing manual intervention. It also offers high flexibility and adaptability, allowing for personalized configuration based on various warehousing needs, making it an ideal solution for modern intelligent warehouse management.



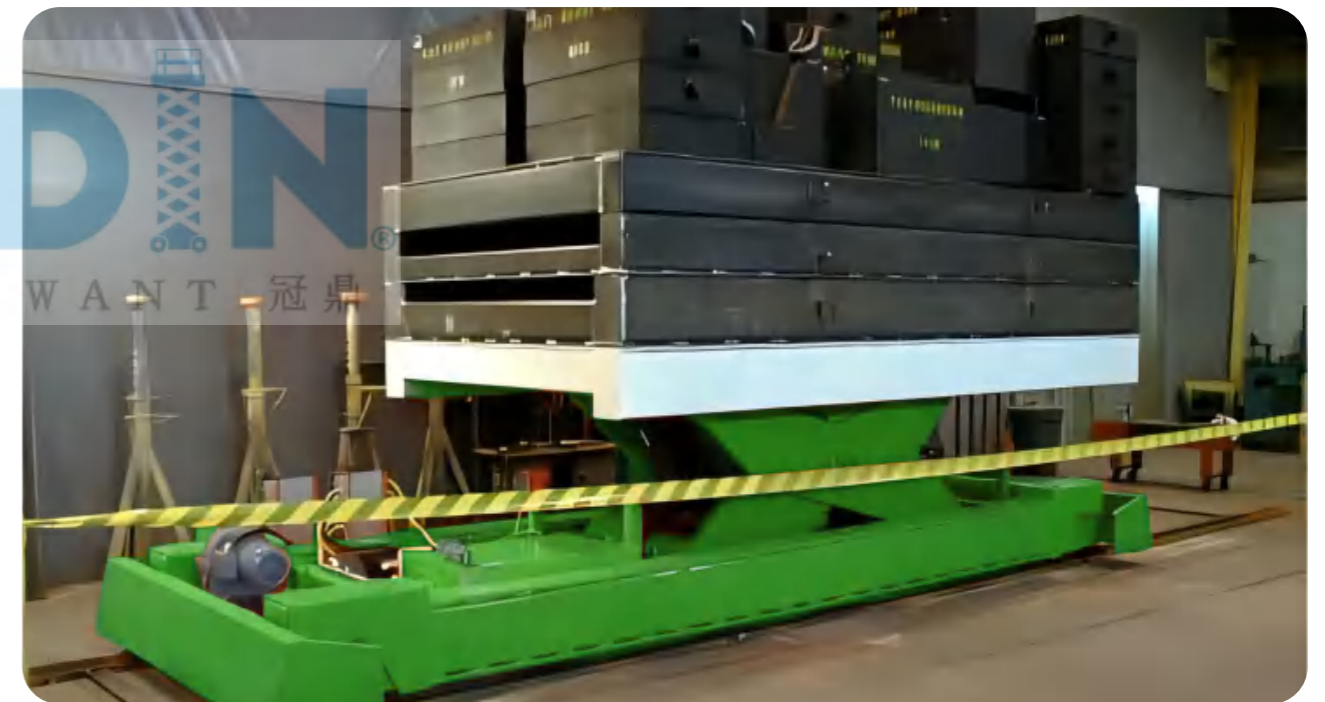
## AUTOMATED PALLET UNLOADING SCISSOR LIFT

### FOR THE STEEL INDUSTRY

### 钢铁行业自动卸垛剪叉升降车

我们为钢铁行业开发了一款新型的自动卸垛剪叉升降车，突破了重量承载极限，每台设备的承载能力达到 28 吨。根据汽车行业规格定制，这两台液压卸垛升降车专用于精确控制钢板的卸垛和转移。升降车与系统 PLC 机械编码对接，能够自动调节到传输线的正确高度，实现精细的调整和高度的重复性能。设备通过电动摩擦驱动系统沿轨道自走，由变频驱动器（VFD）控制，确保平稳和高效的移动。此设计提高了操作的精确性和可靠性，是钢铁加工中的理想解决方案。

We have developed a new automated pallet unloading scissor lift specifically for the steel industry, breaking weight carrying limits with each unit capable of supporting up to 28 tons. Custom-designed to automotive industry specifications, these hydraulic unloading scissor lifts are dedicated to precise control of steel plate unloading and transfer. The lifts interface with the system's PLC mechanical encoder, allowing automatic adjustment to the correct height of the conveyor line, ensuring fine adjustments and consistent height performance. The equipment moves along tracks using an electric friction drive system controlled by a variable frequency drive (VFD), ensuring smooth and efficient operation. This design enhances precision and reliability in steel processing, making it an ideal solution for the industry.

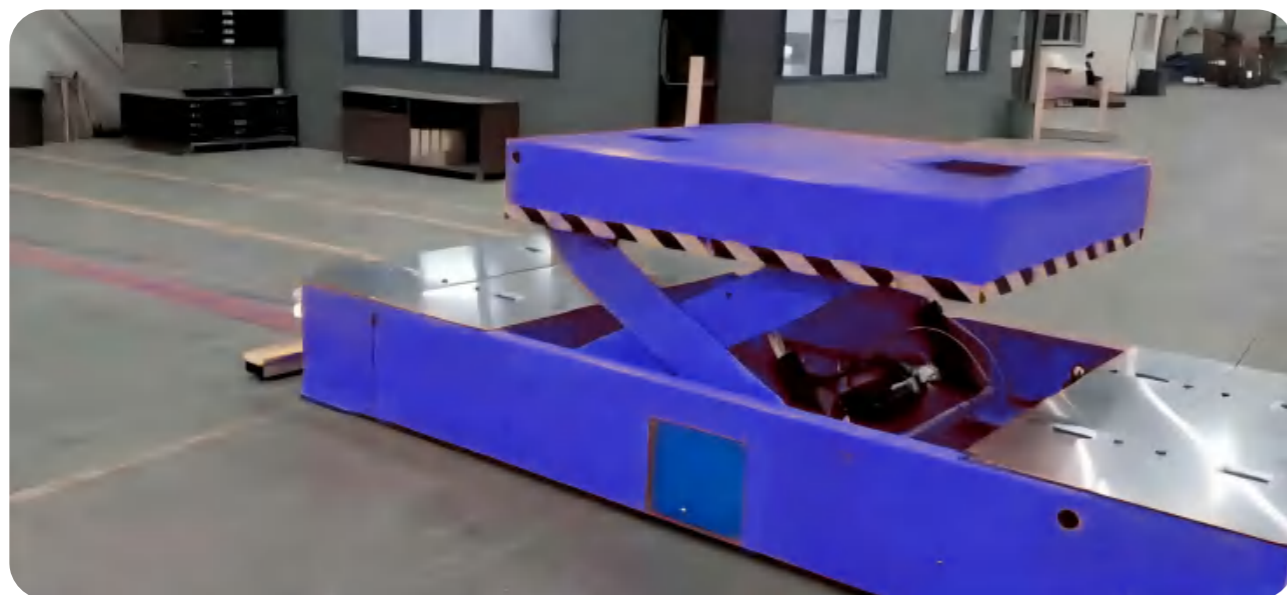
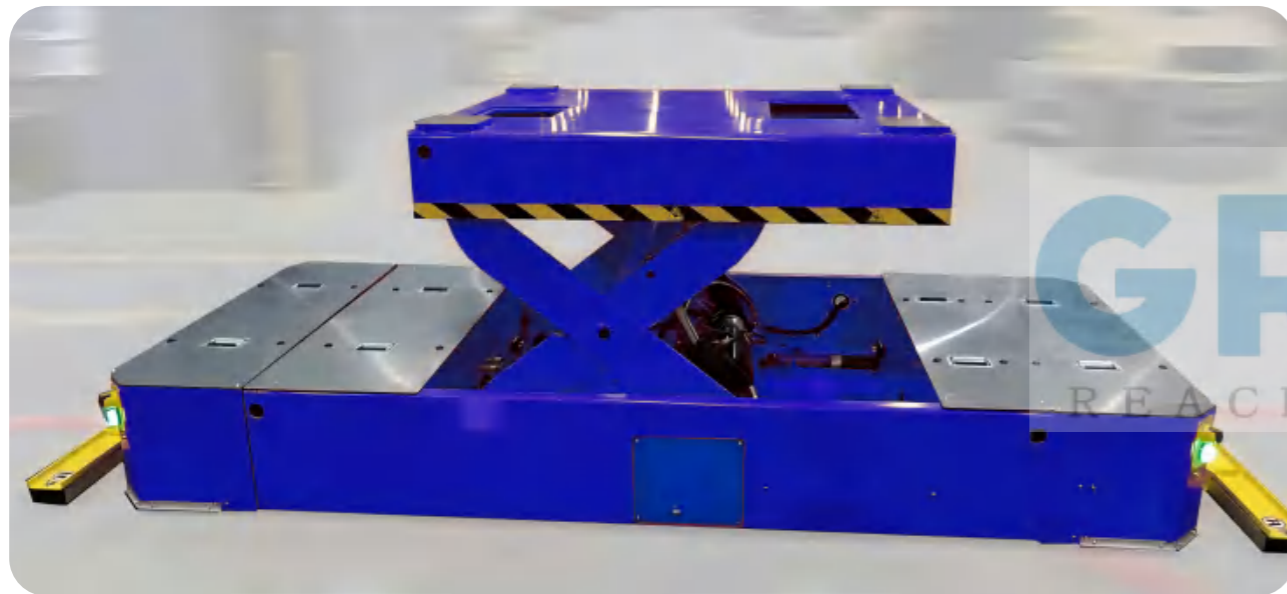


## AGV SYSTEM FOR AUTOMOTIVE ASSEMBLY WITH SCISSOR LIFT PLATFORMS

### 用于汽车装配的AGV系统—配备剪叉升降平台

这套用于汽车装配的AGV系统包括十五（15）台配备剪叉升降平台的AGV，用于搬运和提升汽车车架。系统配备八（8）个无线充电站和一个（1）个长期充电站，支持全天候运行。主要配置包括一（1）台主控系统、六（6）个远程HMI站点，以及安全传感器和光学导航传感器，确保高效、安全的自动化运输操作。

This AGV system for automotive assembly comprises fifteen (15) AGVs equipped with scissor lift platforms for handling and elevating automotive frames. The system includes eight (8) wireless charging stations and one (1) long-term charging station, supporting continuous operation around the clock. Key components of the system include one (1) main control system, six (6) remote HMI (Human-Machine Interface) stations, as well as safety sensors and optical navigation sensors to ensure efficient and safe automated transportation operations.



## ELECTRIC SELF-PROPELLED TRANSPORT VEHICLE WITH LIFTING PLATFORM

### 带升降平台的电动自行车运输车

这款电动自行车运输车配备升降平台，专为工厂维护作业设计。运输车通过工厂电网供电，采用电缆卷筒供电方式，确保持续的动力供应。其升降平台功能使得设备在搬运和维护过程中更加灵活，可以根据需要调整工作高度，提升操作的便利性和效率。该运输车能够稳定承载8吨重的物料和设备，是工厂维护和物料搬运的理想选择，显著提高了工作效率和安全性。

This electric self-propelled transport vehicle, equipped with a lifting platform, is specifically designed for factory maintenance operations. It is powered by the factory's electrical grid using a cable reel power supply system, ensuring continuous power supply. The lifting platform feature allows for flexible height adjustment during handling and maintenance tasks, enhancing convenience and efficiency. Capable of safely carrying up to 8 tons of materials and equipment, this transport vehicle is an ideal choice for factory maintenance and material handling, significantly improving work efficiency and safety.



# TRACK TRANSPORT VEHICLE FOR MOVING AND LIFTING 35-TON COILS

## 用于移动和提升35吨卷料的轨道运输车

这款 35 吨卷料运输车的系统软件与工厂的操作系统无缝集成，实现全自动化操作。该运输车能够承载高达 35 吨的钢卷，且具备将负载提升至 1100 毫米的能力。钢卷在支撑架上静置后，运输车可以通过两种方式进行卸货：一种是将支撑架直接降低至另一个支撑结构上，另一种是配备电动辊筒，利用倾斜角度将钢卷滚动到目标支撑结构上。这些功能确保了高效、安全的钢卷搬运和卸货过程。

This 35-ton coil transport vehicle features system software seamlessly integrated with the factory's operational systems, enabling full automation. The vehicle can support loads of up to 35 tons and is capable of lifting the load to a height of 1,100 millimeters. Once the coils are placed on the support frame, the vehicle offers two unloading methods: one is lowering the support frame directly onto another support structure, and the other is using electric rollers to tilt the coil and roll it onto the target support structure. These features ensure efficient and safe handling and unloading of steel coils.



麦克纳姆轮全向 AGV / Omni-Directional AGV with Mecanum Wheels

# 10-TON MECANUM WHEEL OMNI-DIRECTIONAL AGV

## 10吨麦克纳姆轮式全向AGV

这个 10 吨麦克纳姆轮式全向 AGV 采用先进的磁条导航技术，专用于转向架清洗车间的工位间自动流转。该 AGV 利用麦克纳姆轮的全方位移动能力，在狭小的车间空间内灵活运作，精准地将转向架从一个工位高效转移到另一个工位，显著优化了车间内的物流布局。其设计不仅解决了有限空间内多台转向架的同时放置和转运难题，还大幅提升了清洗产量，助力车间实现更高效的生产流程和空间利用。

This 10-ton Mecanum wheel omni-directional Automated Guided Vehicle (AGV) uses advanced magnetic strip navigation technology and is specifically designed for automated transfer between workstations in a bogie cleaning workshop. The AGV leverages the omnidirectional mobility of Mecanum wheels to operate flexibly in confined workshop spaces, efficiently moving bogies from one workstation to another with precision. Its design addresses the challenge of simultaneously placing and transferring multiple bogies in limited space, significantly enhancing cleaning throughput. This AGV greatly improves the efficiency of the production process and optimizes space utilization in the workshop.



## BATTERY-POWERED SPMTS — 25 T + 25 T

### 电池供电全自行模块运输车 -25吨+25吨

这款电池供电的全自行模块运输车设计用于搬运超重物料，具备两个模块，每个模块的载重能力为 25 吨，总承载能力可达 50 吨。车辆采用高能量密度锂电池供电，提供强劲的动力和长续航时间，能够在较大范围内高效运行。全自行设计使运输车具备高度灵活性和机动性，能够在各种复杂环境中自由移动。车辆的智能控制系统可以根据运输任务自动规划最佳路径，确保安全、高效的物料搬运。适用于重工业、物流仓储和港口码头等需要大载重运输的场景。

This battery-powered Self-Propelled Modular Transporter (SPMT) is engineered to handle extremely heavy loads with a combined capacity of up to 50 tons, divided into two 25-ton modules. Equipped with high-energy density lithium batteries, the SPMT delivers powerful performance and long-lasting operation across extensive distances. Its self-propelled design provides exceptional flexibility and maneuverability, allowing it to navigate complex environments with ease. The intelligent control system optimizes route planning for efficient and safe material handling. Ideal for heavy industry, logistics, and port operations requiring substantial load capacities.



麦克纳姆轮全向 AGV / Omni-Directional AGV with Mecanum Wheels

## 15-TON OMNI-DIRECTIONAL AGV WITH LIFT PLATFORM

### 15吨带升降平台的麦克纳姆轮全向 AGV

这是一款 15 吨全向 AGV，配备麦克纳姆轮和升降平台，专为存储大型和重型物料的自动化仓库设计。采用激光引导技术，通过检测厂区内的反射器精确定位，并与管理软件通过 Wi-Fi 通讯，实现自动导航。AGV 具备全向行驶能力，支持多种移动方式，如横向、斜向、原地旋转等。配备 200 毫米行程的升降平台，能够轻松提升和放置托盘。高能量密度锂电池提供动力，并支持自动充电。

This 15-ton omni-directional Automated Guided Vehicle (AGV) is designed for automated warehouses specializing in the storage of large and heavy materials. Featuring Mecanum wheels and a lift platform, it offers versatile movement capabilities including lateral, diagonal, and in-place rotation. The AGV utilizes laser guidance technology, accurately positioning itself by detecting reflectors within the facility and communicating with management software via Wi-Fi for autonomous navigation. It is equipped with a lift platform that provides a 200mm stroke, enabling easy lifting and placement of pallets. Powered by high-energy density lithium batteries, the AGV supports automatic charging, ensuring reliable and efficient operation.

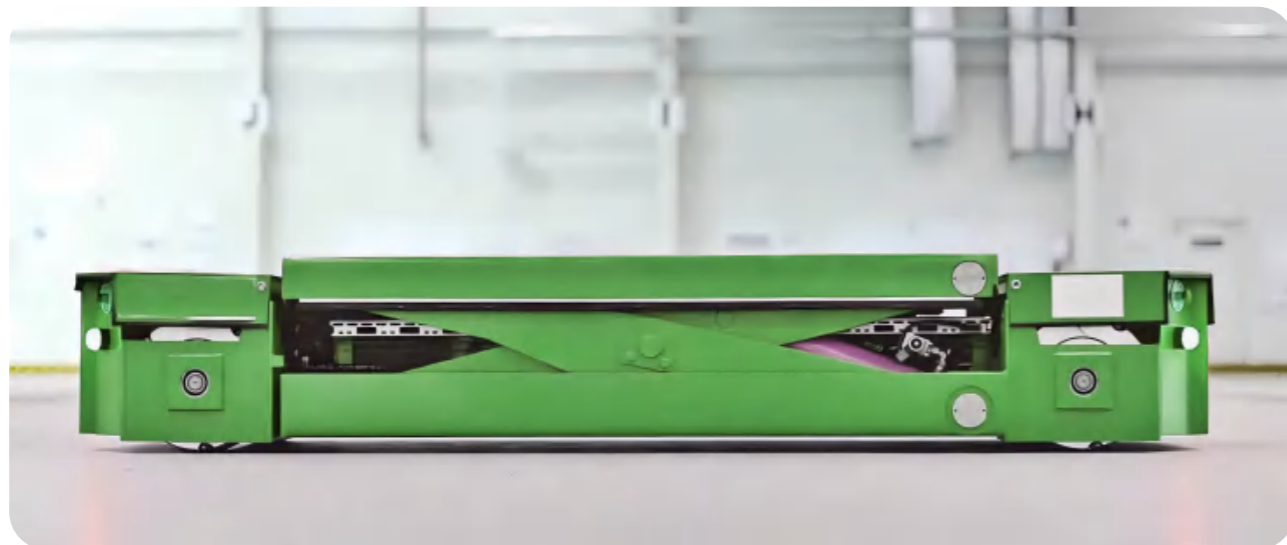
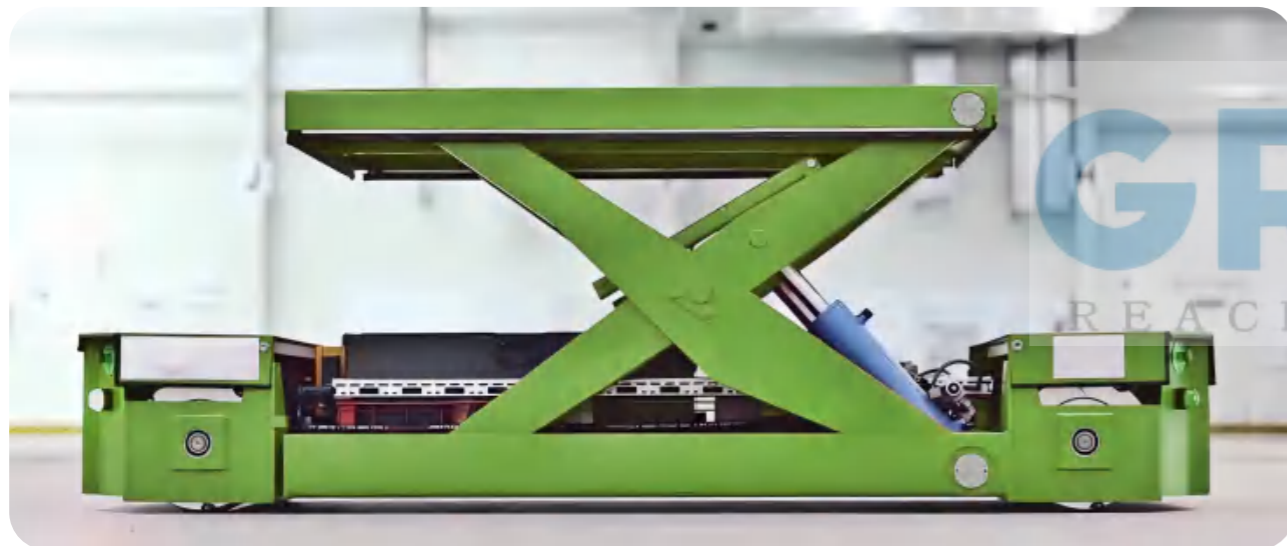


## 3-TON MECANUM OMNI-DIRECTIONAL TRANSFER CART WITH SCISSOR LIFT

### 3吨麦克纳姆全向转运车带剪叉升降

这款3吨麦克纳姆全向转运车具有灵活的全向移动能力，适合在狭小空间内操作。配备剪叉式升降平台，能够由液压升降器精确调整高度。麦克纳姆轮允许平台平稳行驶，包括垂直轴旋转，并安全通过生产车间轨道。电力由凝胶电池提供，并通过充电站充电。控制系统包括无线遥控和紧急控制盒，安全系统配有光信号、声音警示和压力条，确保操作安全。设备参数可根据需求调整，满足各种应用要求。

This 3-ton Mecanum omni-directional transfer cart is designed for flexible maneuvering in tight spaces. It features a scissor lift platform, which can be precisely adjusted in height using hydraulic lift systems. The Mecanum wheels enable smooth movement, including vertical axis rotation, and ensure safe navigation through production workshop tracks. The vehicle is powered by gel batteries and charges via a designated charging station. The control system includes wireless remote control and an emergency control box, with a safety system comprising visual signals, auditory alarms, and pressure bars to ensure safe operation. The device parameters can be adjusted to meet various application requirements.



麦克纳姆轮全向 AGV / Omni-Directional AGV with Mecanum Wheels

## 16-TON OMNI-DIRECTIONAL AGV WITH MECANUM WHEELS

### 16吨麦克纳姆轮驱动的全向AGV

16吨麦克纳姆轮驱动的全向AGV是一种高性能工业运输系统，设计用于多种操作条件和生产环境。该AGV外形尺寸为3600毫米 x 3000毫米 x 450毫米，平台尺寸为2600毫米 x 2000毫米，重量8000公斤，具有16吨的超强承载能力。配备麦克纳姆轮，使其能够实现全向移动，包括前进、后退、侧移和旋转。顶部装置可根据客户需求灵活配置，适用于各种生产场景。

The 16-ton omni-directional AGV with Mecanum wheels is a high-performance industrial transport system designed for a variety of operational conditions and production environments. With dimensions of 3600 mm x 3000 mm x 450 mm and a platform size of 2600 mm x 2000 mm, it has a weight of 8000 kg and an impressive load capacity of 16 tons. Equipped with Mecanum wheels, this AGV can achieve omni-directional movement, including forward, backward, side-to-side, and rotational movements. The top equipment can be flexibly configured to meet different production scenarios based on customer requirements.



## 180T OMNIDIRECTIONAL LIFTING AGV FOR WIND TURBINES TRANSPORTATION

### 180T全向举升AGV用于风轮运输

这款 180T 全向举升 AGV 专为风电行业机舱铸件和风轮运输设计，具备强大承载能力（180 吨）和八驱动力系统，确保在重型负载下稳定运行。采用磁条导航，配备背负 + 举升功能，适用于与带支腿工装的自动居中对接。自带升降举升背负马凳，适应恶劣的盐碱地腐蚀性环境。车辆自重 40 吨，配有 450AH/600AH 电池，续航能力强，广泛应用于不受行业和产品限制的重型物料搬运任务。

This 180T omnidirectional lifting AGV is designed for the transportation of nacelle castings and wind turbines in the wind energy industry. It features a strong load capacity of 180 tons and an eight-wheel drive system, ensuring stable operation under heavy loads. With magnetic strip navigation and back-loading + lifting functions, it is suitable for automatic centering docking with jigs that have support legs. Equipped with a lifting back-loading saddle, it is well-suited for harsh, corrosive environments such as saline and alkaline coastal areas. The vehicle weighs 40 tons and is equipped with 450AH/600AH batteries, offering strong endurance. It is widely used for heavy material handling tasks.



## 1.5-TON BACK-LOADING LIFTING OMNIDIRECTIONAL AGV

### 1.5吨背负举升式全向AGV

这款 1.5 吨背负举升式全向 AGV 采用差速驱动系统，具备全向运动功能，能够在狭小空间内灵活操作。通过磁条导航，支持最大 1000mm 的顶升高度，底盘离地高度为 5mm，适应各种搬运需求。行驶速度为 0-4m/min，升降速度为 50mm/s，满足高效运输要求。其安全防护设计包括激光闭障传感器、安全触边、声光报警和急停按钮，确保操作过程中的安全性。

This 1.5-ton back-loading lifting omnidirectional AGV uses a differential drive system and features omnidirectional movement, enabling flexible operation in tight spaces. It uses magnetic strip navigation and supports a maximum lifting height of 1000mm, with a ground clearance of 5mm, making it suitable for various material handling tasks. The driving speed ranges from 0 to 4m/min, with a lifting/descending speed of 50mm/s to meet efficient transport requirements. Its safety features include laser obstacle sensors, safety touch edges, sound and light alarms, and an emergency stop button, ensuring safe operation throughout the process.

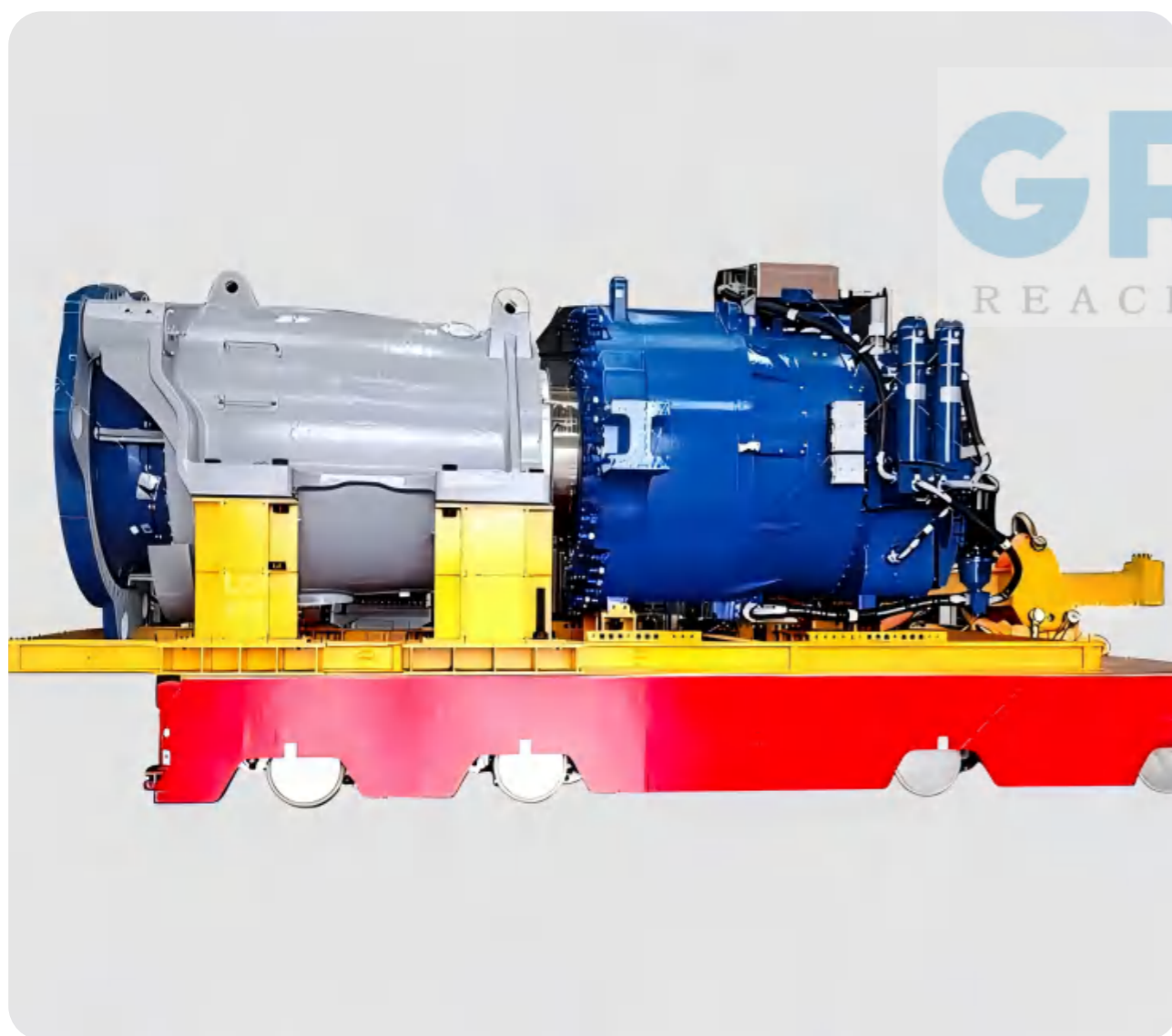


## 200-TON HEAVY-DUTY OMNIDIRECTIONAL AGV WITH TRANSMISSION BOX

### 200吨重载全向AGV背负传动箱

这款 200 吨重载全向 AGV 配备背负传动箱，采用差速驱动系统，支持全向运动，专为重型物料搬运设计。车体外形为 L8100×W3500×H870mm，配备手动遥控导航，定位和导航精度为 ±10mm。底盘离地高度 99mm，顶升高度 200mm，行驶速度空载为 0-0.5m/s，满载为 0-0.6m/s。使用锂电池提供持久续航，并具备声光报警、急停按钮和防撞条等安全防护，确保安全高效操作。

This 200-ton heavy-duty omnidirectional AGV is equipped with a back-loading transmission box and uses a differential drive system, supporting omnidirectional movement, designed specifically for heavy material handling. The vehicle dimensions are L8100×W3500×H870mm, with manual remote control navigation, offering positioning and navigation accuracy of ±10mm. The ground clearance is 99mm, with a lifting height of 200mm. The driving speed is 0-0.5m/s when unloaded and 0-0.6m/s when fully loaded. Powered by a lithium battery for extended endurance, it is also equipped with safety features such as sound and light alarms, an emergency stop button, and anti-collision bars, ensuring safe and efficient operation.



## 20-TON HEAVY-DUTY AGV GUIDED VEHICLE FOR STEEL PIPE TRANSPORT

### 20吨重型AGV导引车-用于钢管运输

这款 20 吨重型 AGV 导引车专为钢管运输设计，能够在工厂内部高效地搬运重型钢管。该 AGV 具备强大的承载能力和先进的感应导引系统，允许钢管被放置在指定位置后，AGV 能够自动拾取重载并根据预设命令将其从点 A 运输到点 B，甚至在两点之间的任何位置移动。凭借其灵活的移动功能和智能控制系统，AGV 不仅提高了运输效率，还确保了操作的安全性和稳定性。

This 20-ton heavy-duty AGV guided vehicle is designed specifically for transporting steel pipes within factories. It features a robust load capacity and an advanced sensing guidance system, enabling the AGV to automatically pick up heavy loads and transport them from point A to point B, or any location in between, once the steel pipes are placed in the designated position. The vehicle's flexible movement capabilities and intelligent control system enhance transport efficiency while ensuring safety and stability during operation.



## 40-TON HEAVY-DUTY AGV CART WITH INDUCTIVE GUIDANCE

### 40吨重型AGV导引车-感应导引

这些轨道维护用手动导引车 (MGV) 专为运输铁路车辆的 HVAC 系统而设计, 配备两个驱动轮模块和两个稳定滚轮组件, 能够实现前进、后退和原地转向。MGV 还可配置用于运输轮对, 具备内嵌式警示灯和声音提示, 操作员通过有线或远程控制器操作。设计符合工业标准, 并可根据客户要求在地面上实现全方位运动。

These manual guided vehicles (MGV) for track maintenance are specifically designed for transporting HVAC systems of railway vehicles. They are equipped with two drive wheel modules and two stabilizing roller assemblies, allowing for forward, reverse, and zero-radius turning. The MGV can also be configured for transporting wheelsets and includes embedded warning lights and sound alerts. Operators can control the vehicle via wired or remote controllers. The design adheres to industrial standards and allows for omni-directional movement on the ground, tailored to meet customer-specific requirements.

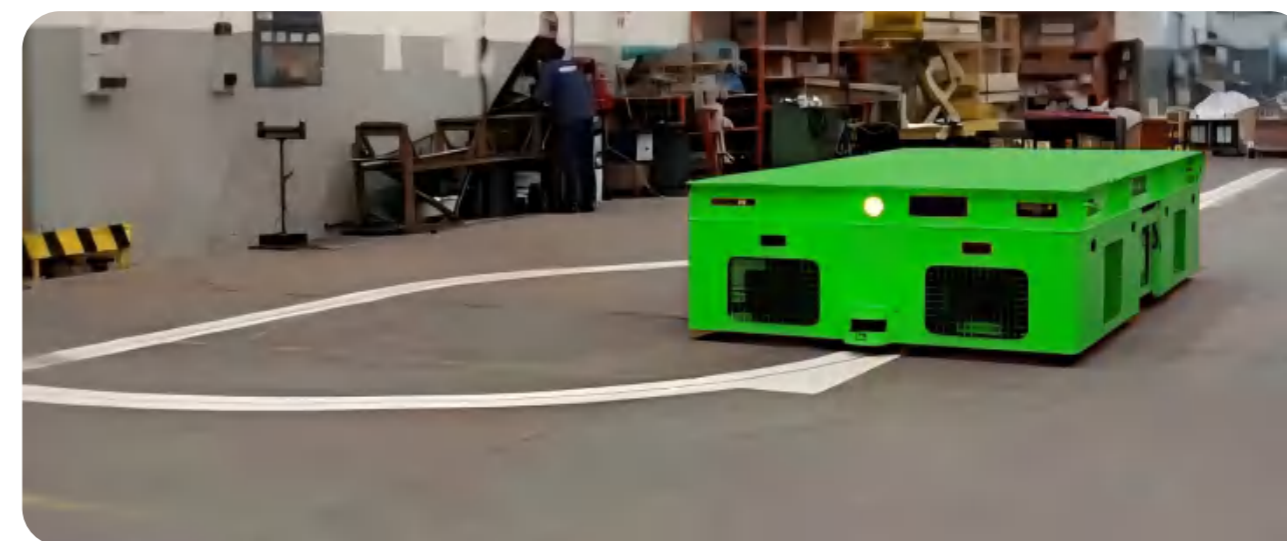


## 40-TON HEAVY-DUTY AGV CART WITH OPTICAL GUIDANCE

### 40吨重型AGV导引车-光学导引

这款 40 吨重型 AGV 导引车采用光学导引技术, 专为搬运重型物料如钢卷和大型模具而设计, 具备卓越的承载能力和高精度的自动导航功能。其全方位移动能力使其能够在复杂和狭小的工业环境中灵活运作, 确保高效、安全地完成物料运输任务。这款 AGV 通过自动化操作显著提高了生产线的物流效率, 同时其安全性设计保障了整个运输过程的可靠性。

This 40-ton heavy-duty AGV cart is equipped with optical guidance technology, designed for transporting heavy materials such as steel coils and large molds. With its impressive load capacity and precise automated navigation, the AGV cart operates efficiently in complex and confined industrial environments. Its omni-directional mobility enhances flexibility and ensures safe, effective material handling. The cart's automated operation significantly boosts logistics efficiency while its safety features ensure reliable transport throughout the process.



## 45-TON AGV GUIDED VEHICLE FOR HEAVY STEEL COIL TRANSPORT

### 45吨AGV导引车-用于运输重型钢卷

这台 45 吨 AGV 导引车专为运输重型钢卷而设计，具备卓越的承载能力和精确的自动化导航系统。它能够在复杂的工业环境中灵活移动，安全高效地将钢卷从存储区运送至加工区或装卸区域。通过全自动化的操作，这款 AGV 大幅提高了运输效率，减少了人工干预，并依托其坚固耐用的设计和多重安全保护功能，确保了钢卷运输过程中的安全性和生产流程的顺畅衔接。

This 45-ton AGV guided vehicle is designed specifically for transporting heavy steel coils. It features exceptional load capacity and a precise automated navigation system. The AGV can maneuver flexibly within complex industrial environments, efficiently and safely transporting steel coils from storage areas to processing or loading/unloading zones. With its fully automated operation, the AGV significantly enhances transport efficiency, reduces manual intervention, and ensures smooth integration with production processes through its robust design and multiple safety features.



## 120-TON OMNIDIRECTIONAL AGV

### 120吨全向AGV

该 120 吨全向 AGV 采用电动差速驱动，具备手动控制与磁条导航功能，适应室内外作业环境。车体尺寸为 L8490×W2585×H730mm，支持全向运动，行驶速度 2 ~ 20m/min，具备无级调速功能。顶升高度 150mm，最大爬坡能力 3-5°，导航精度 ±10mm。配备锂电池供电，底盘离地高度 100mm。安全防护包含激光避障传感器、安全触边、声光报警及急停按钮，确保高效安全运行。

This 120-ton omnidirectional AGV adopts an electric differential drive and features both manual control and magnetic strip navigation, making it suitable for indoor and outdoor operations. With dimensions of L8490×W2585×H730mm, it supports omnidirectional movement and a speed range of 2 - 20m/min with stepless speed regulation. It has a lifting height of 150mm, a maximum climbing capability of 3-5°, and a navigation accuracy of ±10mm. Powered by a lithium battery, it has a ground clearance of 100mm. Safety features include laser obstacle detection sensors, safety edges, audible and visual alarms, and an emergency stop button, ensuring efficient and secure operation.



# WHEELS BASED ELECTRIC FLATBED TROLLEYS

## 无轨电动平车



无轨电动平车是一种高效的物料搬运设备，采用蓄电池、电缆和发电机作为电源，通过控制模块驱动牵引电机，实现启动、停止、前进、后退及 360 度旋转。车上配备安全警示和障碍物检测装置，遇到行人或障碍物时会自动停止。该车可选配升降平台、定位装置等，满足不同需求，并支持 PLC 控制系统实现自动化操作。

The Wheels-based Electric Flatbed Trolleys are efficient material handling equipment powered by batteries, cables, and generators. They are driven by a traction motor controlled by a control module, enabling start, stop, forward, reverse, and 360-degree rotation. The trolley is equipped with safety warnings and obstacle detection devices, which automatically stop the vehicle when encountering pedestrians or obstacles. Optional features such as lift platforms and positioning devices can be added to meet various needs. It also supports a PLC control system for automated operation.



### ► 功能特点 / Functional Characteristics

<b>灵活性高</b> High Flexibility	支持360度原地旋转，便于在狭小空间内操作。 360-degree rotation for easy operation in tight spaces.
<b>安全性强</b> Safety	配有安全警示和障碍物检测装置，遇到障碍物时自动报警并停止。 Safety warnings and obstacle detection with automatic stop.
<b>自动化控制</b> Automation	可选配PLC控制系统，实现完全自动化操作。 Optional PLC control for fully automated operation.
<b>多功能配置</b> Versatile	可加装定位装置、升降平台、夹紧装置等，满足不同应用需求。 Can add lift platforms, positioning devices, etc.

### ► 应用场景 / Application Scenarios



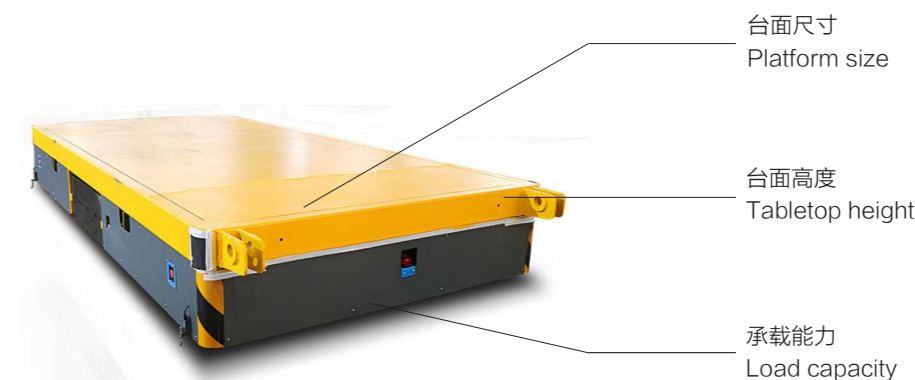
这款设备广泛应用于多个行业的生产和运输场景，尤其适用于 5S 车间、汽车模具制造、物料转运、航天设备车间、空调车间以及浇铸模具厂房等环境。其可以高效地搬运各种重量和尺寸的物料，包括钢卷、铝卷、镀锌卷、变压器、电缆盘、铸件、电机、集装箱、车厢以及压力容器等重型物品。无论是精密的模具运输，还是重型工业部件的搬运，该设备都能提供稳定、精准的作业支持，确保生产流程的顺畅和安全，极大提升工作效率并减少劳动强度。

This equipment is widely used in various industrial production and transportation scenarios, particularly suitable for environments such as 5S workshops, automotive mold manufacturing, material handling, aerospace equipment workshops, air conditioning workshops, and casting mold factories. It can efficiently transport materials of various weights and sizes, including steel coils, aluminum coils, galvanized coils, transformers, cable reels, castings, motors, containers, carriages, pressure vessels, and other heavy items. Whether it's for precise mold transport or heavy industrial component handling, this equipment provides stable and accurate operational support, ensuring smooth and safe production processes, significantly enhancing work efficiency and reducing labor intensity.

### ► 定制服务 / Customization Services

我们的设备提供灵活的定制服务，能够根据客户的具体需求进行调整。无论是台面尺寸、台面高度、载重能力还是功率，都可以根据实际使用场景进行个性化定制，确保设备能够完美匹配您的生产需求。通过定制化设计，我们能够为您提供更高效、更安全的解决方案，帮助优化工作流程，提高生产效率，并最大限度地满足不同工作环境的特殊要求。

Our equipment offers flexible customization services that can be tailored to meet the specific needs of our clients. Whether it's the tabletop size, tabletop height, load capacity, or power, all can be customized based on the actual usage scenario to ensure the equipment perfectly matches your production requirements. Through customized design, we are able to provide more efficient and safer solutions, help optimize workflows, improve production efficiency, and fully meet the special requirements of different working environments.



# RAIL GUIDED ELECTRIC FLATBED TROLLEYS - BATTERY POWERED

## 轨道电动平车-蓄电池供电



蓄电池供电轨道电动平车以蓄电池为动力来源，摆脱线缆束缚，支持遥控操作，使用便捷安全。适用于长距离轨道运输，对轨道无绝缘要求，可在弯道和道岔上灵活运行，并能在多条轨道间切换使用，具有运行距离无限制、安全性能高、适用范围广等特点。

The battery-powered rail guided electric flatbed trolley uses a battery as its power source, eliminating cable restrictions and supporting remote control for convenient and safe operation. It is suitable for long-distance rail transport, does not require insulated tracks, and can operate flexibly on curves and switches. The trolley can switch between multiple tracks and features unlimited running distance, high safety, and wide applicability.



### ► 功能特点 / Functional Characteristics

<p><b>功能多样</b> Versatile</p>	<p>可加装定位装置、夹紧装置、升降平台等辅助装置，满足不同场合的需求。 Can be equipped with additional devices like positioning systems, clamping devices, and lifting platforms.</p>
<p><b>自动化控制</b> Automation</p>	<p>可配PLC控制系统，实现完全自动化控制。 Can be fitted with a PLC control system for full automation.</p>
<p><b>结构稳定、强度高</b> Stable and Strong</p>	<p>车轮轴承采用整体式铸钢制造，增强了稳定性和强度。 Wheel bearings are made of integrated cast steel for enhanced stability.</p>
<p><b>操作便捷</b> Easy Operation</p>	<p>不受载重和工况限制，支持远程无线遥控操作。 No load or working condition restrictions, with remote wireless control.</p>
<p><b>安全高效</b> Safe and Efficient</p>	<p>配备安全保护措施，确保安全高效运行。 Equipped with safety protection measures for reliable operation.</p>

### ► 应用场景 / Application Scenarios



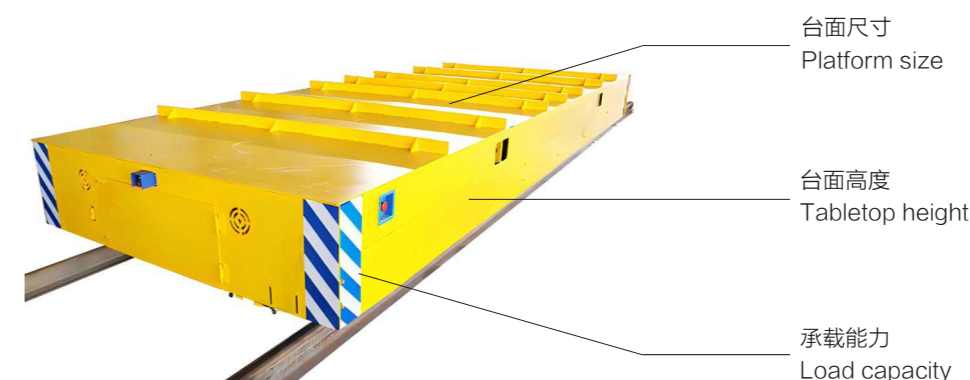
这款设备广泛应用于多个行业的生产和运输场景，尤其适用于5S车间、汽车模具制造、物料转运、航天设备车间、空调车间以及浇铸模具厂房等环境。其可以高效地搬运各种重量和尺寸的物料，包括钢卷、铝卷、镀锌卷、变压器、电缆盘、铸件、电机、集装箱、车厢以及压力容器等重型物品。无论是精密的模具运输，还是重型工业部件的搬运，该设备都能提供稳定、精准的作业支持，确保生产流程的顺畅和安全，极大提升工作效率并减少劳动强度。

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# RAIL GUIDED ELECTRIC FLATBED TROLLEYS - SAFETY CONDUCTOR LINE-POWERED

## 轨道电动平车-滑触线供电

蓄电池供电轨道电动平车以蓄电池为动力来源，摆脱线缆束缚，支持遥控操作，使用便捷安全。适用于长距离轨道运输，对轨道无绝缘要求，可在弯道和道岔上灵活运行，并能在多条轨道间切换使用，具有运行距离无限制、安全性能高、适用范围广等特点。

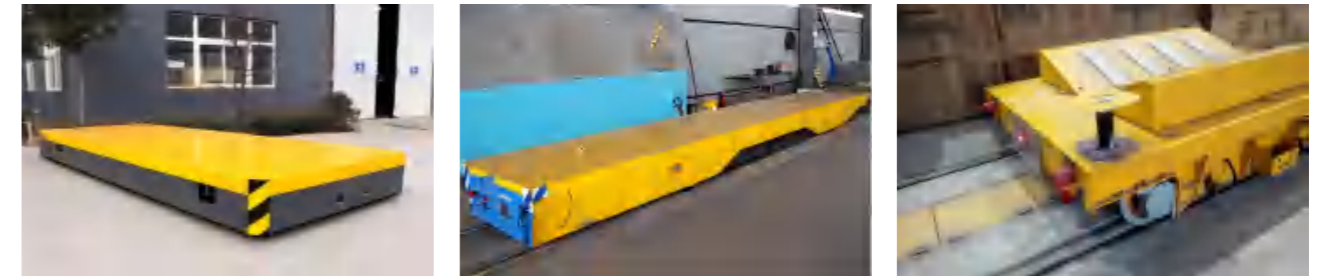
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### ► 功能特点 / Functional Characteristics

<b>适合生产线运输</b> Production Line Ready	适用于高频率使用的生产环境。 Production Line Ready.
<b>速度可调</b> Adjustable Speed	提供灵活的速度控制，适应不同任务需求。 Flexible for various tasks.
<b>噪音低且节能</b> Low Noise & Eco-Friendly	运行噪音低，节能环保。 Quiet and energy-efficient.
<b>操作方便，易于维修</b> Easy Operation & Maintenance	结构简单，台面低，便于操作和维护。 Easy Operation & Maintenance

### ► 应用场景 / Application Scenarios



这款设备广泛应用于多个行业的生产和运输场景，尤其适用于5S车间、汽车模具制造、物料转运、航天设备车间、空调车间以及浇铸模具厂房等环境。其可以高效地搬运各种重量和尺寸的物料，包括钢卷、铝卷、镀锌卷、变压器、电缆盘、铸件、电机、集装箱、车厢以及压力容器等重型物品。无论是精密的模具运输，还是重型工业部件的搬运，该设备都能提供稳定、精准的作业支持，确保生产流程的顺畅和安全，极大提升工作效率并减少劳动强度。

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# RAIL GUIDED ELECTRIC FLATBED TROLLEYS - LOW VOLTAGE POWERED

## 轨道电动平车-低压供电

低压供电轨道平车是一种通过轨道供电的高效物料搬运设备。其工作原理是将 380V 交流电通过变压器降压至 36V 两相，并分别接至两根轨道。平车的车轮从轨道上获取 36V 交流电，传输至车载电气箱，经整流模块将交流电转换为 36V 直流电，再由直流控制系统驱动直流电机，实现平车的启动、停止、前进、后退及调速功能。该系列平车具备在 S 型轨道和弧形轨道运行的能力，适应性强，操作灵活。

The low-voltage rail-powered electric flatbed trolley is an efficient material handling device powered directly through rails. It operates by stepping down 380V AC to 36V two-phase AC via a transformer, which is then supplied to two rails. The cart's wheels draw 36V AC from the rails and deliver it to an onboard electrical box. A rectifier module converts the AC into 36V DC, which is then used by a DC control system to drive the motor, enabling the cart to start, stop, move forward, reverse, and adjust its speed. This series of carts is highly adaptable, capable of operating on S-shaped and curved tracks, offering excellent flexibility and reliability.



### ► 功能特点 / Functional Characteristics

<p><b>增强安全性</b> Enhanced Safety</p>	<p>系统设计无外露电缆，具有防烫伤和防夹压保护，确保操作过程中的安全性。 The system is designed with no exposed cables, featuring anti-scald and anti-smashed protections, ensuring safety during operation.</p>
<p><b>操作简便</b> Easy Operation</p>	<p>可通过遥控器轻松操作，并支持自动化功能，简化作业流程，提高工作效率。 It can be easily operated via remote control and supports automation, simplifying the workflow and improving operational efficiency.</p>
<p><b>灵活的行驶能力</b> Flexible Movement</p>	<p>可以在轨道上灵活行驶，支持转弯和环形道段，适应多种布局需求。 The trolley can move flexibly on tracks, supporting turns and circular tracks, making it adaptable to various layout configurations.</p>
<p><b>无距离限制</b> Unlimited Distance</p>	<p>运行距离不受限制，确保长时间不间断作业，同时低压供电方式也降低了运行成本。 There is no restriction on running distance, ensuring continuous operation for extended periods. Additionally, the low-voltage power supply reduces operational costs.</p>

### ► 应用场景 / Application Scenarios



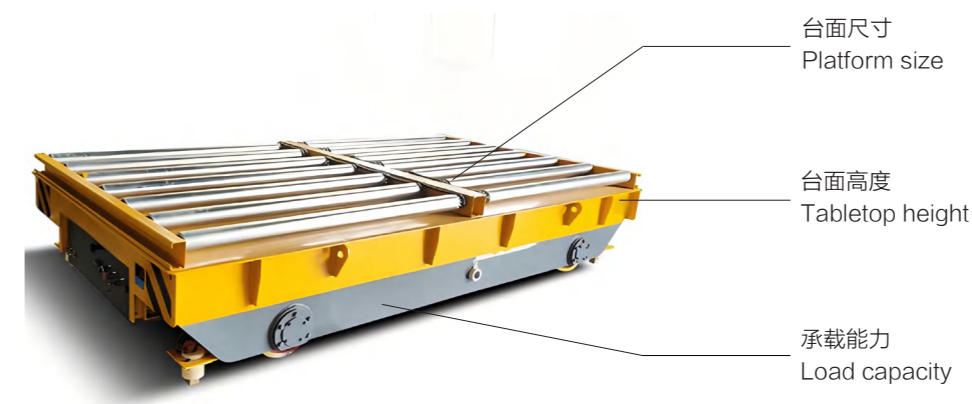
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# RAIL GUIDED ELECTRIC FLATBED TROLLEYS - CABLE REEL-POWERED

## 轨道电动平车-电缆卷筒供电

电缆卷筒供电轨道平车通过安装在平车下方的电缆卷筒装置收放电缆来实现供电。电缆卷筒将电源直接传输至交流控制系统，控制电机的启动、停止、前进和后退等操作。操作系统采用低压 36V 供电，确保运行安全。在运行过程中，电缆卷筒会根据需要自动收放电缆。由于受电缆卷筒供电长度的限制，该平车的运行距离通常小于 200 米。

The cable reel-powered rail-guided electric flatbed trolley uses a cable reel device installed beneath the trolley to supply power by reeling in or out the cable. The cable reel transmits power directly to the AC control system, which controls the motor for starting, stopping, moving forward, and reversing. The operating system uses a low-voltage 36V power supply to ensure safe operation. During use, the cable reel automatically adjusts the cable length as needed. Due to the limitations of the cable reel's power supply length, the trolley's typical operating range is less than 200 meters.



### ► 功能特点 / Functional Characteristics

<p><b>适用于恶劣环境</b> Harsh Environment Ready</p>	<p>适合高温、恶劣和防爆环境，结构简单，成本较低，广泛用于车间。 Suitable for high temperatures and explosive environments, with a simple, cost-effective design.</p>
<p><b>不受使用时间限制</b> Unlimited Usage Time</p>	<p>与蓄电池供电平车相比，使用时间不受限制，适合长时间运行。 No time restrictions, ideal for continuous operation.</p>
<p><b>铺轨要求低</b> Low Track Requirements</p>	<p>相比低压轨道电动平车，对轨道铺设的要求较低，安装维护更为方便。 Easier installation and maintenance.</p>
<p><b>适应高负载和频繁使用</b> High Load and Frequent Use</p>	<p>能够适应任何载重量和频繁使用的场合，提升工作效率。 Ideal for heavy loads and high-frequency operations.</p>

### ► 应用场景 / Application Scenarios



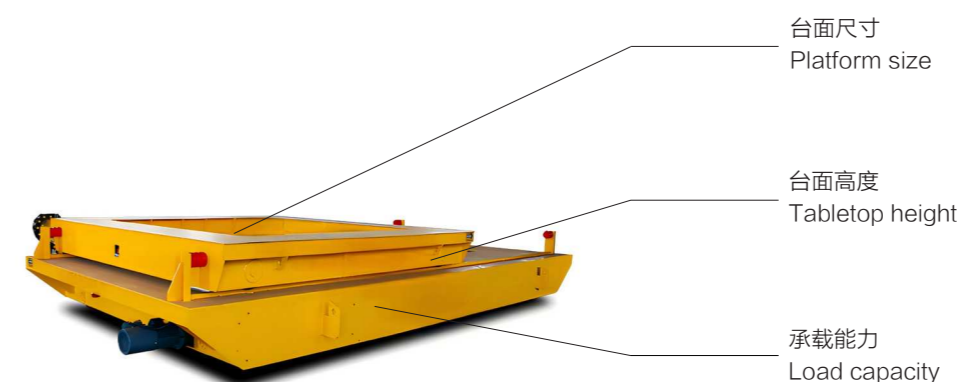
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# RAIL GUIDED ELECTRIC FLATBED TROLLEYS - CABLE DRAG-POWERED

## 轨道电动平车-拖电缆供电

拖电缆供电轨道平车通过将 380V 交流电缆直接引入平车的电气控制系统，实现对平车启动、停止、前进、后退等操作的控制。平车通过自身移动拖动放置在两轨道中心的电缆进行供电。为确保运行安全，操作系统采用低压 36V 电源控制。

The Cable Drag-powered Rail Guided Electric Flatbed Trolleys supplies power by directly introducing a 380V AC cable into its electrical control system, enabling functions such as starting, stopping, moving forward, and reversing. The cart drags the cable, which is positioned between the two rails, during operation. To ensure safety, the control system operates on a low-voltage 36V power supply.



### ► 功能特点 / Functional Characteristics

<b>长时间续航</b> Continuous Operation	采用380V交流电拖电缆供电，支持持续作业。 Powered by 380V AC for sustained work.
<b>操作便捷</b> Easy Control	配备无线遥控及连线手柄，使用简单灵活。 Supports wireless remote and wired handle operation.
<b>智能安全</b> Enhanced Safety	具备光电感应、限位开关和声光报警，自动停车保障安全。 Auto-stop with sensors, alarms, and limit switches.
<b>多重防护</b> Comprehensive Protection	内置欠压、过压、过流、短路、低电量等保护功能。 Guards against voltage, current, and battery issues.
<b>维护便利</b> Easy Maintenance	车体设有吊装耳孔，便于装卸及保养维护。 Lifting lugs simplify handling and upkeep.

### ► 应用场景 / Application Scenarios



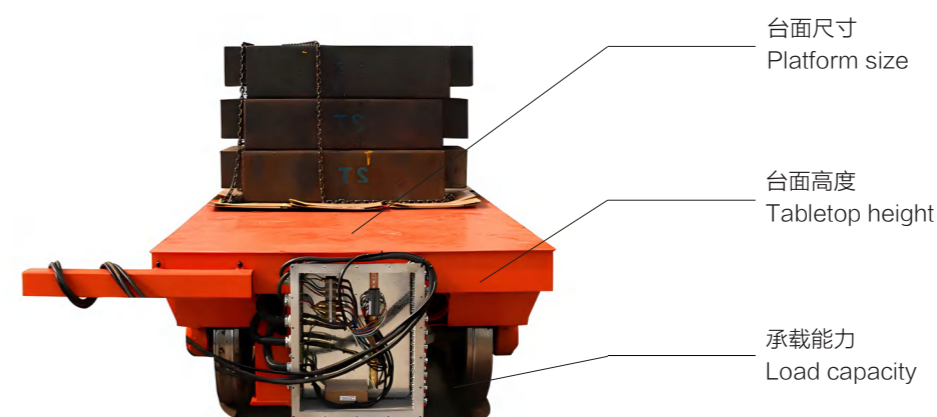
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# SCISSOR-TYPE LIFT ELECTRIC FLATBED TROLLEYS

## 剪叉升降电动平车

剪叉升降电动平车是一种集运输与升降功能于一体的高效物料搬运设备。该平车采用剪叉式升降机构，可灵活调节载货平台高度，实现不同工位之间的高效装卸与多层次输送。设备以电力驱动，可根据需求选择轨道式或无轨式运行，适应不同工作环境。操作方式灵活，支持无线遥控和手动控制，确保使用安全便捷。

The electric flatbed trolley with scissor lift is a highly efficient material handling equipment that integrates both transportation and lifting functions. It features a scissor lift mechanism, allowing flexible adjustment of the cargo platform height to enable efficient loading, unloading, and multi-level transportation between different workstations. Powered by electric drive, the trolley can be configured for either rail-guided or trackless operation, making it adaptable to various working environments. It offers flexible control options, supporting both wireless remote control and manual operation, ensuring safe and convenient use.



### 功能特点 / Functional Characteristics

<p><b>剪叉式升降机构</b> Scissor Lift Mechanism</p>	<p>采用高强度剪叉结构，确保升降稳定，承载能力强。 Adopts a high-strength scissor structure to ensure stable lifting and strong load-bearing capacity.</p>
<p><b>灵活高度调节</b> Flexible Height Adjustment</p>	<p>可根据需求调节平台高度，实现多层次物料输送。 The platform height can be adjusted as needed to achieve multi-level material transportation.</p>
<p><b>轨道式或无轨式运行</b> Rail-Guided or Trackless Operation</p>	<p>适应不同工作环境，可在固定轨道或自由移动模式下工作。 Adapts to different working environments, supporting both fixed rail and free-moving modes.</p>
<p><b>多种控制方式</b> Multiple Control Options</p>	<p>支持无线遥控和手动控制，操作便捷，提高工作效率。 Supports wireless remote control and manual operation for easy handling and improved efficiency.</p>

### 应用场景 / Application Scenarios



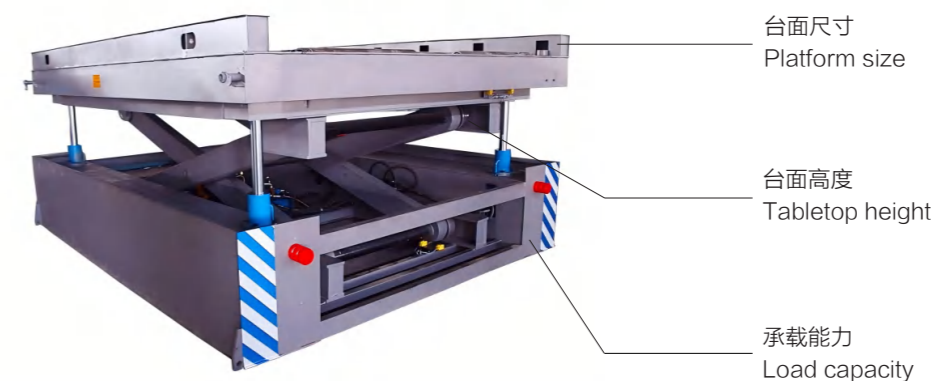
这款设备广泛应用于多个行业的生产和运输场景，尤其适用于 5S 车间、汽车模具制造、物料转运、航天设备车间、空调车间以及浇铸模具厂房等环境。其可以高效地搬运各种重量和尺寸的物料，包括钢卷、铝卷、镀锌卷、变压器、电缆盘、铸件、电机、集装箱、车厢以及压力容器等重型物品。无论是精密的模具运输，还是重型工业部件的搬运，该设备都能提供稳定、精准的作业支持，确保生产流程的顺畅和安全，极大提升工作效率并减少劳动强度。

This equipment is widely used in various industrial production and transportation scenarios, particularly suitable for environments such as 5S workshops, automotive mold manufacturing, material handling, aerospace equipment workshops, air conditioning workshops, and casting mold factories. It can efficiently transport materials of various weights and sizes, including steel coils, aluminum coils, galvanized coils, transformers, cable reels, castings, motors, containers, carriages, pressure vessels, and other heavy items. Whether it's for precise mold transport or heavy industrial component handling, this equipment provides stable and accurate operational support, ensuring smooth and safe production processes, significantly enhancing work efficiency and reducing labor intensity.

### 定制服务 / Customization Services

我们的设备提供灵活的定制服务，能够根据客户的具体需求进行调整。无论是台面尺寸、台面高度、载重能力还是功率，都可以根据实际使用场景进行个性化定制，确保设备能够完美匹配您的生产需求。通过定制化设计，我们能够为您提供更高效、更安全的解决方案，帮助优化工作流程，提高生产效率，并最大限度地满足不同工作环境的特殊要求。

Our equipment offers flexible customization services that can be tailored to meet the specific needs of our clients. Whether it's the tabletop size, tabletop height, load capacity, or power, all can be customized based on the actual usage scenario to ensure the equipment perfectly matches your production requirements. Through customized design, we are able to provide more efficient and safer solutions, help optimize workflows, improve production efficiency, and fully meet the special requirements of different working environments.



# SCREW-TYPE LIFT ELECTRIC FLATBED TROLLEYS

## 丝杆升降电动平车

电动丝杆升降电动平车是一种集运输与升降功能于一体的高效物料搬运设备。该平车采用电动丝杆升降装置，可精确调节载货平台高度，实现平稳升降和精准定位，适用于高精度搬运需求。设备以电力驱动，可根据应用场景选择轨道式或无轨式运行，适应不同工作环境。操作方式灵活，支持无线遥控和手动控制，确保使用安全便捷。

The electric screw lift flatbed trolley is a highly efficient material handling equipment that integrates both transportation and lifting functions. It adopts an electric screw lift mechanism, allowing precise adjustment of the cargo platform height to achieve smooth lifting and accurate positioning, making it ideal for high-precision handling tasks. Powered by electric drive, the trolley can be configured for either rail-guided or trackless operation, adapting to various working environments. It offers flexible control options, supporting both wireless remote control and manual operation, ensuring safe and convenient use.



### ► 功能特点 / Functional Characteristics

<p><b>电动丝杆升降装置</b> Electric Screw Lift Mechanism</p>	<p>采用高精度丝杆升降结构，实现平稳升降和精准定位。 Adopts a high-precision screw lift structure to achieve smooth lifting and accurate positioning.</p>
<p><b>精确高度调节</b> Precise Height Adjustment</p>	<p>可根据需求调整平台高度，适用于高精度搬运和装配作业。 The platform height can be adjusted as needed, making it suitable for high-precision handling and assembly operations.</p>
<p><b>轨道式或无轨式运行</b> Rail-Guided or Trackless Operation</p>	<p>适应不同工作环境，可选择固定轨道运行或自由移动模式。 Adapts to different working environments, allowing selection between fixed rail operation or free-moving mode.</p>
<p><b>高稳定性</b> High Stability</p>	<p>采用丝杆驱动，比液压系统更稳定，无泄漏风险，维护成本低。 Utilizes screw drive technology, offering greater stability than hydraulic systems, with no risk of leakage and lower maintenance costs.</p>

### ► 应用场景 / Application Scenarios



这款设备广泛应用于多个行业的生产和运输场景，尤其适用于 5S 车间、汽车模具制造、物料转运、航天设备车间、空调车间以及浇铸模具厂房等环境。其可以高效地搬运各种重量和尺寸的物料，包括钢卷、铝卷、镀锌卷、变压器、电缆盘、铸件、电机、集装箱、车厢以及压力容器等重型物品。无论是精密的模具运输，还是重型工业部件的搬运，该设备都能提供稳定、精准的作业支持，确保生产流程的顺畅和安全，极大提升工作效率并减少劳动强度。

This equipment is widely used in various industrial production and transportation scenarios, particularly suitable for environments such as 5S workshops, automotive mold manufacturing, material handling, aerospace equipment workshops, air conditioning workshops, and casting mold factories. It can efficiently transport materials of various weights and sizes, including steel coils, aluminum coils, galvanized coils, transformers, cable reels, castings, motors, containers, carriages, pressure vessels, and other heavy items. Whether it's for precise mold transport or heavy industrial component handling, this equipment provides stable and accurate operational support, ensuring smooth and safe production processes, significantly enhancing work efficiency and reducing labor intensity.

### ► 定制服务 / Customization Services

我们的设备提供灵活的定制服务，能够根据客户的具体需求进行调整。无论是台面尺寸、台面高度、载重能力还是功率，都可以根据实际使用场景进行个性化定制，确保设备能够完美匹配您的生产需求。通过定制化设计，我们能够为您提供更高效、更安全的解决方案，帮助优化工作流程，提高生产效率，并最大限度地满足不同工作环境的特殊要求。

Our equipment offers flexible customization services that can be tailored to meet the specific needs of our clients. Whether it's the tabletop size, tabletop height, load capacity, or power, all can be customized based on the actual usage scenario to ensure the equipment perfectly matches your production requirements. Through customized design, we are able to provide more efficient and safer solutions, help optimize workflows, improve production efficiency, and fully meet the special requirements of different working environments.



# HYDRAULIC FOUR-CYLINDER SYNCHRONOUS LIFT ELECTRIC FLATBED TROLLEYS

## 液压四缸同步升降电动平车

液压四缸同步升降电动平车是一种集运输与同步升降功能于一体的高效物料搬运设备。该平车采用四缸液压同步升降系统，确保平台在升降过程中保持平稳、同步，适用于重载搬运及高精度装卸作业。设备以电力驱动，可选择轨道式或无轨式运行，适应不同工作环境需求。操作方式灵活，支持无线遥控和手动控制，确保操作便捷、安全可靠。

The hydraulic four-cylinder synchronous lift electric flatbed trolley is a highly efficient material handling equipment that integrates transportation and synchronized lifting functions. It features a four-cylinder hydraulic synchronous lifting system, ensuring stable and synchronized platform movement during lifting, making it ideal for heavy-duty handling and high-precision loading and unloading operations. Powered by electric drive, the trolley can be configured for either rail-guided or trackless operation, adapting to various working environments. It offers flexible control options, supporting both wireless remote control and manual operation, ensuring ease of use and operational safety.



### ► 功能特点 / Functional Characteristics

<p><b>四缸液压同步升降系统</b> Four Cylinder Hydraulic Synchronous Lifting System</p>	<p>采用四缸设计，确保平台在升降过程中的平稳和同步性，提高安全性。 Adopts a four-cylinder design to ensure stable and synchronized platform movement during lifting, enhancing safety.</p>
<p><b>高承载能力</b> High Load Capacity</p>	<p>适用于重载物料搬运，满足各类工业需求。 Suitable for heavy-duty material handling, meeting various industrial requirements.</p>
<p><b>灵活运行模式</b> Flexible Operating Modes</p>	<p>可选择轨道式或无轨式运行，适应不同工作环境，提升工作效率。 Can be configured for either rail-guided or trackless operation, adapting to different working environments and improving efficiency.</p>
<p><b>电力驱动</b> Electric Drive</p>	<p>采用电力驱动，节能环保，运行平稳安静。 Utilizes electric power for energy efficiency and environmental friendliness, ensuring smooth and quiet operation.</p>

### ► 应用场景 / Application Scenarios



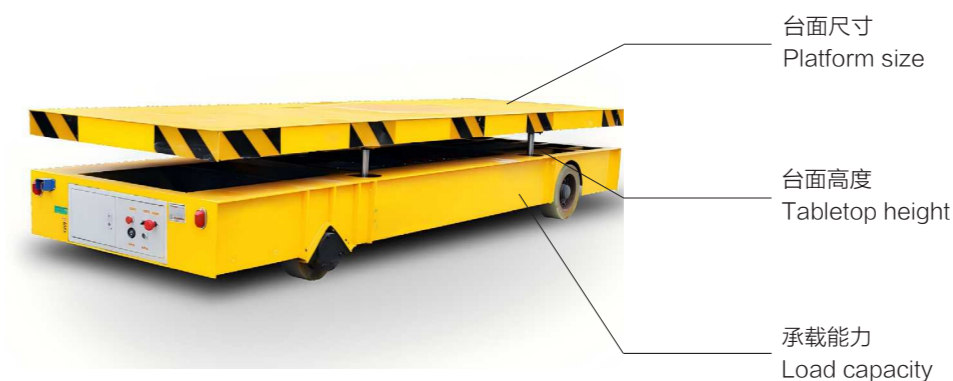
这款设备广泛应用于多个行业的生产和运输场景，尤其适用于 5S 车间、汽车模具制造、物料转运、航天设备车间、空调车间以及浇铸模具厂房等环境。其可以高效地搬运各种重量和尺寸的物料，包括钢卷、铝卷、镀锌卷、变压器、电缆盘、铸件、电机、集装箱、车厢以及压力容器等重型物品。无论是精密的模具运输，还是重型工业部件的搬运，该设备都能提供稳定、精准的作业支持，确保生产流程的顺畅和安全，极大提升工作效率并减少劳动强度。

This equipment is widely used in various industrial production and transportation scenarios, particularly suitable for environments such as 5S workshops, automotive mold manufacturing, material handling, aerospace equipment workshops, air conditioning workshops, and casting mold factories. It can efficiently transport materials of various weights and sizes, including steel coils, aluminum coils, galvanized coils, transformers, cable reels, castings, motors, containers, carriages, pressure vessels, and other heavy items. Whether it's for precise mold transport or heavy industrial component handling, this equipment provides stable and accurate operational support, ensuring smooth and safe production processes, significantly enhancing work efficiency and reducing labor intensity.

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## HEAVY-DUTY TRANSFER VEHICLE FOR HOT STEEL BILLET TRANSPORT

### 用于在钢厂内运输热钢坯的重型转运车

这款重型转运车专为钢厂内运输热钢坯而设计，能够承载高达 200 吨的重量。与传统设备不同，它采用锂电池供电，无需电缆连接，使其在操作过程中更加灵活和便捷。转运车配备耐高温材料和坚固的结构，能够在极端高温环境下稳定运行，确保热钢坯运输的安全性和效率。其智能控制系统可以实现精准定位和自动导航，显著提高了钢厂内部物料搬运的效率，是提升钢厂生产线自动化水平的理想选择。

This heavy-duty transfer vehicle is specifically designed for transporting hot steel billets within a steel plant, with a load capacity of up to 200 tons. Unlike traditional equipment, it operates on lithium batteries, eliminating the need for cable connections and enhancing flexibility and convenience during operation. The vehicle is equipped with high-temperature-resistant materials and a robust structure to ensure stable performance in extreme heat conditions, ensuring the safety and efficiency of hot billet transport. Its intelligent control system enables precise positioning and automatic navigation, significantly improving material handling efficiency within the steel plant and making it an ideal choice for enhancing automation levels in steel production lines.



## 20-TON AUTOMATED RAIL GUIDED VEHICLE (RGV) FOR STEEL PLANTS

### 20 吨钢厂自动轨道运输车

这款 20 吨钢厂自动轨道运输车是一种专门为钢铁厂设计的自动化物料搬运设备，旨在提高生产效率并减少人工操作需求。该运输车采用电力驱动，具备高达 20 吨的载重能力，能够高效、稳定地运输各种重型物料。通过智能控制系统，运输车可实现自主导航和精准定位，自动避障，确保在高温和复杂环境中的安全运行。此外，该设备支持远程监控和诊断，有效降低维护成本，同时符合环保标准，无尾气排放，是钢铁厂提升生产自动化和环保水平的理想解决方案。

This 20-ton Automated Rail Guided Vehicle is designed specifically for steel plants to enhance production efficiency and reduce manual handling. The vehicle is electric-powered and has a load capacity of up to 20 tons, enabling efficient and stable transportation of various heavy materials. Equipped with an intelligent control system, the vehicle offers autonomous navigation and precise positioning, with automatic obstacle avoidance to ensure safe operation in high-temperature and complex environments. Additionally, the system supports remote monitoring and diagnostics, reducing maintenance costs. It also meets environmental standards with zero emissions, making it an ideal solution for improving production automation and environmental performance in steel plants.



## 75-TON RAIL GUIDED VEHICLE (RGV) FOR MATERIAL HANDLING AUTOMATION

### 75 吨轨道运输车用于物料搬运自动化

这款 75 吨轨道运输车是一种专门用于物料搬运自动化的重型设备，主要应用于工厂、矿山、码头等场所。该车采用电力驱动，通过铺设在地面的轨道进行自动化运行，具有载重量大、运行稳定的特点。其智能控制系统可以实现精准定位和远程操作，大幅提高了物料搬运的效率和安全性。运输车的结构坚固耐用，维护成本低，适应各种恶劣环境，是提升生产线自动化水平的理想选择。通过集成物联网技术，还可以实现设备状态监测和数据分析，进一步优化物流管理流程。

This 75-ton rail guided vehicle (RGV) is a heavy-duty device designed for material handling automation, primarily used in factories, mines, docks, and similar locations. It operates on electric power and runs automatically on tracks laid on the ground, offering high load capacity and stable operation. The intelligent control system enables precise positioning and remote operation, significantly enhancing the efficiency and safety of material handling. The vehicle is robust and durable, with low maintenance costs, making it suitable for various harsh environments. By integrating IoT technology, the vehicle also supports equipment status monitoring and data analysis, further optimizing logistics management processes and improving production line automation.



## 20-TON RGV FULLY AUTOMATED RAIL SHUTTLE FOR STEEL PLATE TRANSPORT

### 20吨RGV全自动轨道穿梭车-用于运输钢板

这款 20 吨 RGV 全自动轨道穿梭车专为钢板运输设计，具备强大的承载能力和全自动化操作系统，能够在轨道上精确、稳定地运行。该穿梭车能够承载高达 20 吨的钢板，满足钢厂和制造业的重载运输需求。集成的智能控制系统使其能够自动规划路径、执行运输任务，减少人工干预，并且配备了安全保护功能，确保运输过程中的安全性和可靠性。这款穿梭车不仅提升了钢板搬运的效率，还优化了生产流程，是工业运输的理想选择。

This 20-ton RGV fully automated rail shuttle is specifically designed for transporting steel plates, featuring a robust load capacity and an entirely automated operating system for precise and stable rail-based movement. Capable of carrying up to 20 tons of steel plates, it meets the heavy-duty transportation needs of steel mills and manufacturing industries. The integrated intelligent control system allows for automatic path planning and task execution, minimizing manual intervention, and is equipped with safety protection features to ensure reliable and safe transportation. This shuttle not only enhances the efficiency of steel plate handling but also optimizes production processes, making it an ideal choice for industrial transportation.



## 40-TON RGV FULLY AUTOMATED RAIL TRANSPORT VEHICLE FOR COIL HANDLING

### 40吨RGV全自动轨道运输车-用于运输卷材

这款 40 吨 RGV 全自动轨道运输车专为卷材运输设计，具备强大的承载能力和智能化的全自动操作系统，能够在轨道上精准运行，确保卷材运输过程中的稳定性和安全性。集成的安全保护系统和坚固耐用的结构设计，使其在高负荷工业环境中表现出色。通过与制造执行系统（MES）和仓库管理系统（WMS）的无缝对接，这款运输车提升了生产和物流的整体效率，是卷材搬运的理想解决方案。

This 40-ton RGV fully automated rail transport vehicle is designed specifically for coil transportation, featuring a robust load capacity and an intelligent fully automated operating system for precise rail movement. It ensures stability and safety during the coil transportation process. The integrated safety protection system and durable structural design enable exceptional performance in high-load industrial environments. By seamlessly integrating with Manufacturing Execution Systems (MES) and Warehouse Management Systems (WMS), this transport vehicle enhances overall production and logistics efficiency, making it an ideal solution for coil handling.



## 110-TON BATTERY-DRIVEN RGV RAIL GUIDED VEHICLE FOR SCRAP DRUM HANDLING

### 110吨RGV电池驱动轨道运输车-用于运输废钢桶

这款 110 吨电池驱动轨道运输车专为钢厂设计，旨在称重和运输废钢桶。作为首批电池驱动的废钢桶运输车，该车型配备了最新一代的锂电池，能够实现全自动充电，确保长时间稳定运行。车上还装有极其精确的称重系统，能够准确称量运输中的废钢桶，提升了生产过程的效率和精度。该款运输车可承载高达 110 吨的废钢桶，并且我们还可以定制承载能力达 400 吨及以上的电池驱动运输车，以满足不同钢厂的需求。

This 110-ton battery-driven rail guided vehicle is specifically designed for steel mills to weigh and transport scrap drums. As one of the first battery-driven scrap drum transport vehicles, it features the latest generation lithium batteries, providing automatic charging and ensuring stable operation over extended periods. The vehicle is equipped with a highly accurate weighing system, allowing for precise measurement of scrap drums during transport, enhancing production efficiency and accuracy. It has a load capacity of up to 110 tons for scrap drums, and we also offer customization for battery-driven transport vehicles with capacities of 400 tons or more to meet the varying needs of different steel mills.



## 30-TON ELECTRIC RAIL GUIDED VEHICLE (RGV) FOR FOUNDRIES

### 30吨RGV电动轨道运输车-用于铸造厂

这款 30 吨电动轨道运输车专为铸造厂设计，具备卓越的运输能力和先进的安全功能。该运输车配备了电池驱动系统，能够在轨道上自如移动，承载高达 30 吨的重型物料，满足铸造厂对重负载运输的需求。通过遥控操作，操作人员可以远程控制运输车的运行，提升了操作的灵活性和便利性。车上配备的两个激光扫描仪提供了全面的安全防护，实时监测周围环境，确保在运输过程中避免碰撞和提高整体安全性。这款电动轨道运输车结合了强大的承载能力、智能化操作和高安全标准，为铸造厂提供了高效、可靠的物流解决方案。

This 30-ton electric rail guided vehicle (RGV) is specifically designed for foundries, offering excellent transport capabilities and advanced safety features. The vehicle is equipped with a battery-driven system, enabling smooth movement along tracks and carrying heavy loads of up to 30 tons to meet the foundry's heavy-duty transport requirements. With remote control operation, the vehicle can be managed from a distance, enhancing flexibility and convenience. It is fitted with two laser scanners that provide comprehensive safety protection by continuously monitoring the surrounding environment, preventing collisions and improving overall safety during transport. Combining robust load capacity, intelligent operation, and high safety standards, this electric rail guided vehicle delivers an efficient and reliable logistics solution for foundries.



## 20-TON RGV TRANSFER VEHICLE FOR COMPOSITE PIPE TRANSPORT

### 20 吨 RGV 转运车 - 用于运输复合材料管道

这台 20 吨 RGV 转运车专为运输大型复合材料管道而设计，具备卓越的承载能力和高效的自动化功能。该转运车沿着预设轨道稳定运行，能够安全地搬运重型管道，在工厂或仓库内实现精准、连续的物料转运。凭借其自动化控制系统和强大的负载能力，RGV 转运车显著提高了运输效率，同时减少了人力操作需求，确保了生产流程的顺畅和高效。

This 20-ton RGV transfer vehicle is designed specifically for transporting large composite pipes, featuring exceptional load capacity and efficient automation capabilities. The vehicle operates steadily along preset tracks, safely handling heavy pipes and enabling precise, continuous material transfer within factories or warehouses. With its automation control system and robust load-bearing capacity, the RGV transfer vehicle significantly enhances transport efficiency while reducing manual handling requirements, ensuring a smooth and efficient production process.



# STACKER

## 堆高车系列



GRADIN  
REACH YOU

堆高车 / Stacker

## MANUAL STACKER: PJ0485/4110/4130/4150/4170

手动堆高车 PJ0485/4110/4130/4150/4170



### 产品参数 / Product Parameter

型号	Model	PJ0485	PJ4110	PJ4130	PJ4150	PJ4170
额定载重	Load Capacity(kg)	400	400	400	400	400
台面尺寸	Table Size(mm)	650*580	650*580	650*580	650*580	650*580
货叉长度	Fork Length(mm)	650	650	650	650	650
货叉宽度	Fork Width(mm)	550	550	550	550	550
最低高度	Min.Height(mm)	90	90	90	90	90
最高高度	Max.Height(mm)	850	1100	1300	1500	1700

## MANUAL STACKER: PJ5130/5150/5170

手动堆高车 PJ5130/5150/5170



### 产品参数 / Product Parameter

型号	Model	PJ5130	PJ5150	PJ5170
额定载重	Load Capacity(kg)	500	500	500
货叉长度	Fork Length(mm)	650	650	650
货叉宽度	Fork Width(mm)	610	610	610
最低高度	Min.Height(mm)	90	90	90
最高高度	Max.Height(mm)	1300	1500	1700

# SEMI-ELECTRIC STACKER:EPJ4130/4150/4170

## 半电动堆高车EPJ4130/4150/4170



▶ 产品参数 / Product Parameter

型号	Model	EPJ4130	EPJ4150	EPJ4170
额定载重	Load Capacity(kg)	400	400	400
台面尺寸	Table Size(mm)	650*580	650*580	650*580
货叉长度	Fork Length(mm)	650	650	650
货叉宽度	Fork Width(mm)	550	550	550
最低高度	Min.Height(mm)	90	90	90
最高高度	Max.Height(mm)	1300	1500	1700
升降电机	Lifting Motor(V/Kw)	12/0.8	12/0.8	12/0.8
电瓶容量	Battery(AH)	60	60	60
充电器输入电压	Input Voltage(V)	110-230	110-230	110-230

# SEMI-ELECTRIC STACKER:EPJ5130/5150/5170

## 半电动堆高车EPJ5130/5150/5170



▶ 产品参数 / Product Parameter

型号	Model	EPJ5130	EPJ5150	EPJ5170
额定载重	Load Capacity(kg)	500	500	500
货叉长度	Fork Length(mm)	650	650	650
货叉宽度	Fork Width(mm)	610	610	610
最低高度	Min.Height(mm)	90	90	90
最高高度	Max.Height(mm)	1300	1500	1700
升降电机	Lifting Motor(V/Kw)	12/0.8	12/0.8	12/0.8
电瓶容量	Battery(AH)	60	60	60
充电器输入电压	Input Voltage(V)	110-230	110-230	110-230

# SEMI-ELECTRIC STACKER:BDS SERIES

## 半电动堆高车BDS系列

提升高度 2 米 -4.5 米双门架，C 型钢门架一体成型的底座超大容量电瓶充电机过冲保护

Mast lift height from 2m to 4.5m Duplex mast, made by C-Type steel One-piece shaped stronger chassis Big capacity battery Over-charging protection device



▶ 产品参数 / Product Parameter

Model		BDS20-20	BDS20-25	BDS20-30	BDS20-35	BDS20-40	BDS20-45
Rated load capacity 额定载重	kg	2000	1500	1500	1000	500	450
Load centre 载荷中心	mm	500	500	500	500	500	500
Lift height 起升高度	mm	2000	2500	3000	3500	4000	4500
Min.fork height 货叉最低高度	mm	90	90	90	90	90	90
Overall height 总高度	mm	1580	1850	2080	2330	2580	2850
Overall length 总长度	mm	1880	1880	1880	1880	1880	1880
Overall width 总宽	mm	880	880	880	880	880	880
Fork length 货叉长度	mm	1150	1150	1150	1150	1150	1150
Individual fork width 单根货叉宽度	mm	160	160	160	160	160	160
Front wheel 前轮	mm	80x80	80x80	80x80	80x80	80x80	80x80
Rear wheel 后轮	mm	178x52	178x52	178x52	178x52	178x52	178x52
Lifting motor power 起升电机功率	kw	1.6	1.6	1.6	1.6	1.6	1.6
Battery Voltage /Rated Capacity 电池电压 / 额定容量	V/Ah	12/2050	12/2050	12/2050	12/2050	12/2050	12/2050
Lifting speed (laden/unladen) 提升速度 (满载 / 空载)	mm/s	80/100	80/100	80/100	80/100	80/100	80/100
Service weight 自重	kg	445	465	485	505	525	550

# 1.5 TON RIDER ELECTRIC STACKER

## 1.5吨中置式电动堆高车

机械转向、C型钢门架

Mechanical Steering  
C-type Steel Door Frame



### ► 产品参数 / Product Parameter

Model		DGC15-35-Z	DGC15-30-Z	DGC15-25-Z	DGC15-20-Z	DGC15-16-Z
Power source 驱动方式		Electrics 电动	Electrics 电动	Electrics 电动	Electrics 电动	Electrics 电动
Operation type 驾驶方式		Standing 站驾式	Standing 站驾式	Standing 站驾式	Standing 站驾式	Standing 站驾式
Load capacity 额定载荷	kg	1500	1500	1500	1500	1500
Load centre 载荷中心距	mm	500	500	500	500	500
Wheelbase 轴距	mm	1275	1275	1275	1275	1275
Service weight(include battery) 自重(带电瓶)	kg	810	780	750	720	670
Wheel type 轮子材质		PU/PU/PU	PU/PU/PU	PU/PU/PU	PU/PU/PU	PU/PU/PU
Wheel size,Driving wheel 轮子尺寸,驱动轮		210x70	210x70	210x70	210x70	210x70
Wheel size,Load wheel 轮子尺寸,承载轮		4x80x70	4x80x70	4x80x70	4x80x70	4x80x70
Wheel size,Balance wheel 轮子尺寸,平衡轮		130x55	130x55	130x55	130x55	130x55
Max.lifting height 起升高度	mm	3500	3000	2500	2000	1600
Overall height 整体高度	mm	2230	1980	1730	1480	2020
Maximum height during operation 作业时最大高度	mm	3700	3450	3200	2950	2020
Min fork height 货叉最低高度	mm	90	90	90	90	90
Overall length 整体长度	mm	2100	2100	2100	2100	2100
Overall width 整体宽度	mm	850	850	850	850	850
Fork size 货叉尺寸	mm	65x182x1150	65x182x1150	60x182x1150	60x182x1150	60x182x1150
Fork width 货叉外宽	mm	685	685	685	685	685
Wheelbase center ground clearance 轴距中心离地间隙	mm	30	30	30	30	30
Min.aisle width (1000*1200 pallet) 通道宽度,托盘(1000X1200)	mm	2350	2350	2350	2350	2350
Turning radius 转弯半径	mm	1500	1500	1500	1500	1500
Walking speed,load/unload 行走速度,满载/空载	km/h	4.5/5	4.5/5	4.5/5	4.5/5	4.5/5
Lifting speed,load/unload 起升速度,满载/空载	mm/s	93/147	93/147	93/147	93/147	93/147
Descent speed,load/unload 下降速度,满载/空载	mm/s	104/96	104/96	104/96	104/96	104/96
Grade ability,load/unload 最大爬坡坡度,满载/空载	%	6/10	6/10	6/10	6/10	6/10
Driving brake 制动类型		Electromagnetic 电磁式	Electromagnetic 电磁式	Electromagnetic 电磁式	Electromagnetic 电磁式	Electromagnetic 电磁式
Driving motor 驱动电机额定功率	kw	0.75	0.75	0.75	0.75	0.75
Lifting motor 起升电机额定功率	kw	2.2	2.2	2.2	2.2	2.2
Battery voltage/capacity 电瓶电压/额定容量	V/Ah	2x12V/80AH	2x12V/80AH	2x12V/80AH	2x12V/80AH	2x12V/80AH
Battery weight 蓄电池重量	kg	30X2	30X2	30X2	30X2	30X2

# 1.5 TON WALKING ELECTRIC STACKER

## 1.5吨步行式电动堆高车

机械转向、C型钢门架

Mechanical Steering  
C-type Steel Door Frame



### ► 产品参数 / Product Parameter

Model		DGC15-35-W	DGC15-30-W	DGC15-25-W	DGC15-20-W
Power source 驱动方式		Electrics 电动	Electrics 电动	Electrics 电动	Electrics 电动
Operation type 驾驶方式		Walkie 步行式	Walkie 步行式	Walkie 步行式	Walkie 步行式
Load capacity 额定载荷	kg	1500	1500	1500	1500
Load centre 载荷中心距	mm	500	500	500	500
Wheelbase 轴距	mm	1180	1180	1275	1275
Service weight(include battery) 自重(带电瓶)	kg	660	630	600	570
Wheel type 轮子材质		PU/PU/PU	PU/PU/PU	PU/PU/PU	PU/PU/PU
Wheel size,Driving wheel 轮子尺寸,驱动轮		210x70	210x70	210x70	210x70
Wheel size,Load wheel 轮子尺寸,承载轮		4x85x70	4x85x70	4x80x70	4x80x70
Wheel size,Balance wheel 轮子尺寸,平衡轮		130x55	130x55	130x55	130x55
Max.lifting height 起升高度	mm	3500	3000	2500	2000
Overall height 整体高度	mm	2250	2000	1750	1500
Maximum height during operation 作业时最大高度	mm	3730	3470	3200	2950
Min fork height 货叉最低高度	mm	90	90	90	90
Overall length 整体长度	mm	1780	1780	1780	1780
Overall width 整体宽度	mm	790	790	790	790
Fork size 货叉尺寸	mm	55x180x1150	55x180x1150	55x180x1150	55x180x1150
Fork width 货叉外宽	mm	685	685	685	685
Wheelbase center ground clearance 轴距中心离地间隙	mm	30	30	30	30
Min.aisle width(1000*1200 pallet) 通道宽度,托盘(1000X1200)	mm	2350	2350	2350	2350
Turning radius 转弯半径	mm	1360	360	1360	1360
Walking speed,load/unload 行走速度,满载/空载	km/h	4.5/5	4.5/5	4.5/5	4.5/5
Lifting speed,load/unload 起升速度,满载/空载	mm/s	93/147	93/147	93/147	93/147
Descent speed,load/unload 下降速度,满载/空载	mm/s	104/96	104/96	104/96	104/96
Grade ability,oad/unload 最大爬坡坡度,满载/空载	%	3/10	3/10	3/10	3/10
Driving brake 制动类型		Electromagnetic 电磁式	Electromagnetic 电磁式	Electromagnetic 电磁式	Electromagnetic 电磁式
Driving motor 驱动电机额定功率	kw	0.75	0.75	0.75	0.75
Lifting motor 起升电机额定功率	kw	2.2	2.2	2.2	2.2
Battery voltage/capacity 电瓶电压/额定容量	V/Ah	2x12V/80AH	2x12V/80AH	2x12V/80AH	2x12V/80AH
Battery weight 蓄电池重量	kg	30x2	30x2	30x2	30x2

# 2 TON RIDER ELECTRIC STACKER WITH PLATFORM/ARMS

## 2吨站驾式电动堆高车

电子转向、电池组、H型钢门架、双油缸  
 Electronic steering  
 electric pool  
 H-type steel door framedouble oil cylinder



### ▶ 产品参数 / Product Parameter

Model		DGC20-35-Z	DGC20-30-Z	DGC20-25-Z	DGC20-20-Z
Power source 驱动方式		Electric 电动	Electric 电动	Electric 电动	Electric 电动
Operation type 驾驶方式		Standing 站驾式	Standing 站驾式	Standing 站驾式	Standing 站驾式
Load capacity 额定载荷	kg	2000	2000	2000	2000
Load centre 载荷中心距	mm	500	500	500	500
Wheelbase 轴距	mm	1410	1410	1410	1410
Service weight(include battery) 自重(带电瓶)	kg	1140	1090	1050	1000
Wheel type 轮子材质		PU/PU/PU	PU/PU/PU	PU/PU/PU	PU/PU/PU
Whee size,Driving wheel 轮子尺寸, 驱动轮		230x75	230x75	230x75	230x75
Wheel size,Load wheel 轮子尺寸, 承载轮		4x80x70	4x80x70	4x80x70	4x80x70
Whee size,Balance wheel 轮子尺寸, 平衡轮		100x64	100x64	100x64	100x64
Max.lifting height 起升高度	mm	3500	3000	2500	2000
Overall height 整体高度	mm	2230	1980	1730	1480
Maximum height during operation 作业时最大高度	mm	3700	3450	3200	2950
Min fork height 货叉最低高度	mm	90	90	90	90
Overall length 整体长度	mm	2090	2090	2090	2090
Overall width 整体宽度	mm	850	850	850	850
Fork size 货叉尺寸	mm	55x180x1150	55x180x1150	55x180x1150	55x180x1150
Fork width 货叉外宽	mm	685	685	685	685
Wheelbase center ground clearance 轴距中心离地间隙	mm	30	30	30	30
Min.aisle width(1000*1200 pallet) 通道宽度, 托盘(1000X1200)	mm	2350	2350	2350	2350
Turning radius 转弯半径	mm	1625	1625	1625	1625
Walking speed,load/unload 行走速度, 满载 / 空载	km/h	4.5/5	4.5/5	4.5/5	4.5/5
Lifting speed,load/unload 起升速度, 满载 / 空载	mm/s	93/147	93/147	93/147	93/147
Descent speed,load/unload 下降速度, 满载 / 空载	mm/s	104/96	104/96	104/96	104/96
Grade ability,load/unload 最大爬坡坡度, 满载 / 空载	%	3/10	3/10	3/10	3/10
Driving brake 制动类型		Electromagnetic 电磁式	Electromagnetic 电磁式	Electromagnetic 电磁式	Electromagnetic 电磁式
Driving motor 驱动电机额定功率	kw	1.5	1.5	1.5	1.5
Lifting motor 起升电机额定功率	kw	2.2	2.2	2.2	2.2
Battery voltage/capacity 电瓶电压 / 额定容量	V/Ah	1x24V/210AH	1x24V/210AH	1x24V/210AH	1x24V/210AH
Battery weight 蓄电池重量	kg	190	190	190	190

# 2 TON WALKING ELECTRIC STACKER

## 2吨步行式电动堆高车

机械转向、H型钢门架  
 Mechanical Steering  
 H-Type Steel Door Frame



### ▶ 产品参数 / Product Parameter

Model		DGC20-30-W	DGC20-25-W	DGC20-20-W
Power source 驱动方式		Electric 电动	Electric 电动	Electric 电动
Operation type 驾驶方式		Walkie 步行式	Walkie 步行式	Walkie 步行式
Load capacity 额定载荷	kg	2000	2000	2000
Load centre 载荷中心距	mm	500	500	500
Wheelbase 轴距	mm	1270	1275	1275
Service weight(include battery) 自重(带电瓶)	kg	710	670	630
Wheel type 轮子材质		PU/PU/PU	PU/PU/PU	PU/PU/PU
Wheel size,Driving wheel 轮子尺寸, 驱动轮		210x70	210x70	210x70
Wheel size,Load wheel 轮子尺寸, 承载轮		4x80x70	4x80x70	4x80x70
Wheel size,Balance wheel 轮子尺寸, 平衡轮		100x50	100x50	100x50
Max.lifting height 起升高度	mm	3000	2500	2000
Overall height 整体高度	mm	2000	1750	1500
Maximum height during operation 作业时最大高度	mm	3475	3200	2950
Min fork height 货叉最低高度	mm	90	90	90
Overall length 整体长度	mm	1775	1775	1775
Overallwidth 整体宽度	mm	920	920	920
Fork size 货叉尺寸	mm	65x180x1150	65x180x1150	65x180x1150
Fork width 货叉外宽	mm	685	685	685
Wheelbase center ground clearance 轴距中心离地间隙	mm	40	40	40
Turning radius 转弯半径	mm	1500	1500	1500
Walking speed,load/unload 行走速度, 满载 / 空载	km/h	4.5/5	4.5/5	4.5/5
Lifting speed,load/unload 起升速度, 满载 / 空载	mm/s	93/147	93/147	
Descent speed,load/unload 下降速度, 满载 / 空载	mm/s	104/96	104/96	104/96
Grade ability,load/unload 最大爬坡坡度, 满载 / 空载	%	3/6	3/6	3/6
Driving brake 制动类型		Electromagnetic 电磁式	Electromagnetic 电磁式	Electromagnetic 电磁式
Driving motor 驱动电机额定功率	kw	1	1	1
Lifting motor 起升电机额定功率	kw	2	2	2
Battery weight 蓄电池重量	kg	36x2	36x2	36x2

# 3 TON RIDER ELECTRIC STACKER

## 3吨站驾式电动堆高车

电子转向、电池组、H型钢门架、双油缸

Electronic Steering  
Battery Pack  
H-Type Steel Door Frame  
Double Oil Cylinder

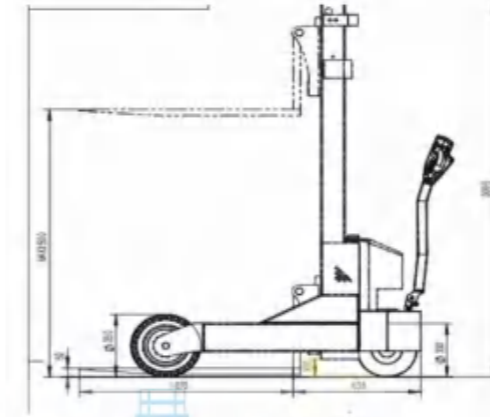


### ▶ 产品参数 / Product Parameter

Model		DGC30-30-Z	DGC30-25-Z	DGC30-20-Z
Power source 驱动方式		Electrics 电动	Electrics 电动	Electrics 电动
Operation type 驾驶方式			Standing 站驾式	Standing 站驾式
Load capacity 额定载荷	kg	3000	3000	3000
Load centre 载荷中心距	mm	500	500	500
Wheelbase 轴距	mm	1425	1425	1425
Service weight(include battery) 自重(带电瓶)	kg	1500	1450	1400
Wheel type 轮子材质		PU/PU/PU	PU/PU/PU	PU/PU/PU
Wheel size,Driving wheel 轮子尺寸, 驱动轮		230x115	230x115	230x115
Wheel size,Load wheel 轮子尺寸, 承载轮		4x85x85	4x85x85	4x85x85
Wheel size,Balance wheel 轮子尺寸, 平衡轮		130x55	130x55	130x55
Max.lifting height 起升高度	mm	3000	2500	2000
Overall height 整体高度	mm	1845	1595	1345
Maximum height during operation 作业时最大高度	mm	3050	2850	2550
Min fork height 货叉最低高度	mm	100	100	100
Overall length 整体长度	mm	2065	2065	2065
Overall width 整体宽度	mm	970	970	970
Fork size 货叉尺寸	mm	75x230x1150	75x230x1150	75x230x1150
Fork width 货叉外宽	mm	685	685	685
Wheelbase center ground clearance 轴距中心离地间隙	mm	42	42	42
Turning radius 转弯半径	mm	1750	1750	1750
Walking speed,load/unload 行走速度, 满载 / 空载	km/h	4.5/5	4.5/5	4.5/5
Lifting speed,load/unload 起升速度, 满载 / 空载	mm/s	66/125	66/125	66/125
Descent speed,load/unload 下降速度, 满载 / 空载	mm/s	45/42	45/42	45/42
Grade ability,load/unload 最大爬坡坡度, 满载 / 空载	%	3/8	3/8	3/8
Driving brake 制动类型		Electromagnetic 电磁式	Electromagnetic 电磁式	Electromagnetic 电磁式
Driving motor 驱动电机额定功率	kw	2.2	2.2	2.2
Lifting motor 起升电机额定功率	kw	3	3	3
Battery voltage/capacity 电瓶电压 / 额定容量	V/Ah	24V/210AH	24V/210AH	24V/210AH
Battery weight 蓄电池重量	kg	190	190	190

# WALKING OFF-ROAD WHEEL ELECTRIC STACKER

## 步行式越野轮电动堆高车



### ▶ 产品参数 / Product Parameter

Model		DGC15-15Y	DGC15-16Y
Power source 驱动方式		Electrics 电动	Electrics 电动
Operation type 驾驶方式		Walkie 步行式	Walkie 步行式
Load capacity 额定载荷	kg	1500	1500
Load centre 载荷中心距	mm	500	500
Wheelbase 轴距	mm	1275	1275
Service weight(include battery) 自重(带电瓶)	kg		
Wheel type 轮子材质		PU/PU/PU	PU/PU/PU
Wheel size,Driving wheel 轮子尺寸, 驱动轮		300x90	300x90
Wheel size,Load wheel 轮子尺寸, 承载轮		350x100	350x100
Max.lifting height 起升高度	mm	1500	1600
Overall height 整体高度	mm	2095	2195
Maximum height during operation 作业时最大高度	mm	2095	2195
Min fork height 货叉最低高度	mm	50	50
Overallength 整体长度	mm	1720	1720
Overall width 整体宽度	mm	1551	1551
Fork size 货叉尺寸	mm	35x120x1070	35x120x1070
Fork width 货叉外宽	mm	845	845
Turning radius 转弯半径	mm	1273	1273
Walking speed,load/unload 行走速度, 满载 / 空载	km/h	4.5/5	4.5/5
Lifting speed,load/unload 起升速度, 满载 / 空载	mm/s	93/147	93/147
Descent speed,load/unload 下降速度, 满载 / 空载	mm/s	104/96	104/96
Grade ability,load/unload 最大爬坡坡度, 满载 / 空载	%	8/10	8/10
Driving brake 制动类型		Electromagnetic 电磁式	Electromagnetic 电磁式
Driving motor 驱动电机额定功率	kw	1.5	1.5
Lifting motor 起升电机额定功率	kw	2	2
Battery voltage/capacity 电瓶电压 / 额定容量	V/Ah	2x12V/100AH	2x12V/100AH
Battery weight 蓄电池重量	kg	35X2	35X2

## CUSTOMIZED STACKER

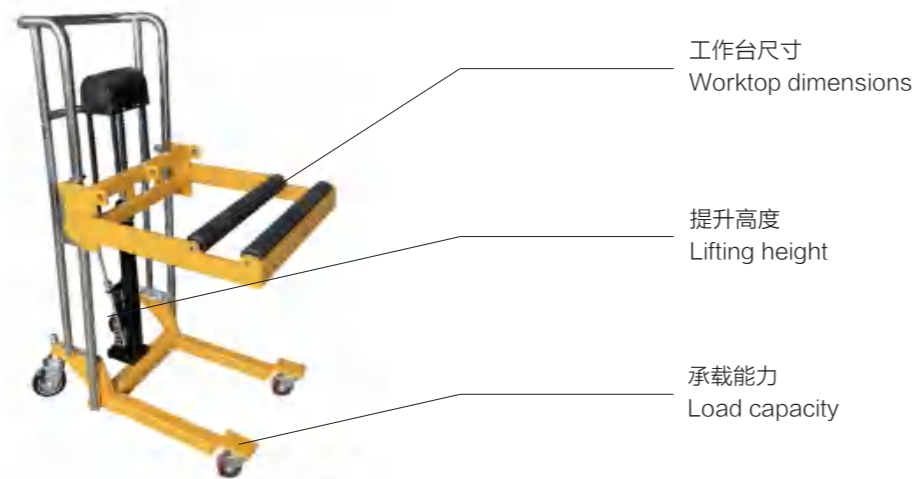
定制堆高车



### ► 定制服务 / Customization Services

这种堆高车可根据具体生产需求量身定制台面尺寸、提升高度、承载能力。给您提供最佳解决方案。

This stacker can be customized according to specific production needs, including table size, lifting height, and load capacity. Provide you with the best solution.



GRADIN  
REACH YOU WANT 冠鼎

## ELECTRIC STACKER

托盘堆垛车

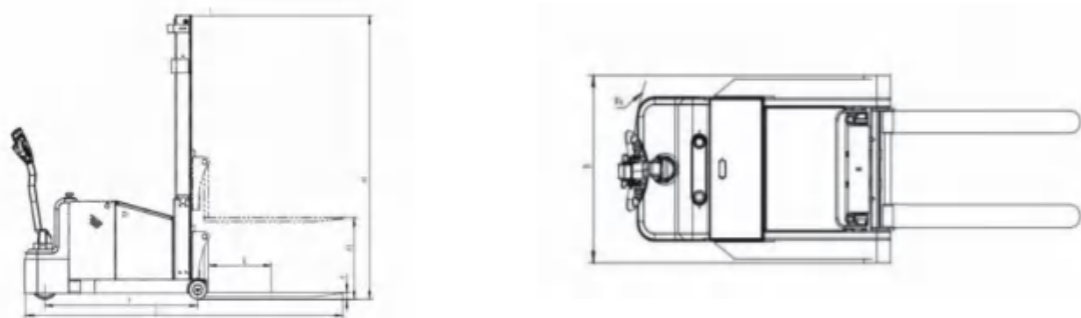


# WALKIE COUNTERBALANCE ELECTRIC STACKER

## CPD10T(900/1000kg)平衡重托盘堆车

超强动力 / 超强越野 / 超强续航

Super power / Super cross country / Super endurance



### 产品参数 / Product Parameter

Model/ 型号		CPD10T(900/1000kg)				
Performance 性能	Maximum load capacity 负载能力		kg	800	1000	1200
	load center 载荷中心距	Q	mm	500	500	500
	Maximum lifting height 起升高度	H3	mm	3000	3000	3000
	Travel speed(without load) 无负载行驶速度		km/h	5	5	5
	Travel speed(with load) 负载行驶速度		km/h	4.5	4.5	4.5
	Lifting speed (without load) 无负载起升速度		mm/s	121	121	121
	Lifting speed(with load) 负载起升速度		mm/s	81	81	81
	lowering speed(without load) 无负载下降速度		mm/s	105	105	105
	Lowering speed(with load) 负载下降速度		mm/s	103	103	103
	Gradeability (without load) 无负载最大爬坡能力		%	10	10	10
	Gradeability (with load) 负载最大爬坡能力		%	3	3	3
Service weight (with battery) 重量含电池		kg	1050	1200	1350	
Dimensions 尺寸	Overall length of frame 整车长度	L	mm	2430	2430	2680
	Overlength of frame(with platform) 整车长度带踏板		mm	/	/	/
	Overallwidth of frame 整车宽度	B	mm	930	930	930
	Overallheight when Mast lowered to lowest 门架降至最低整车高度	H1	mm	2085	2085	2085
	Overallheight when Mast lifted to highest 门架升至最高整车高度	H4	mm	3560	3560	3560
	Wheelbase 轴距	Y	mm	1185	1185	1435
	Fork length 货叉长度		mm	970	970	970
	Fork spread width 货叉外侧宽度可调范围		mm	210-600	210-600	210-600
	Fork width 货叉面宽度		mm	100	100	100
	Fork height when fork lowered to lowest 货叉降至最低高度	S	mm	50	50	50
	Min ground clearance 最小离地间隙		mm	80	80	80
	"Theoretical width of minimum aisle for right-angle stacking(1200x1000) 直角堆垛通道最小理论宽度"	Asts	mm	2860	2860	3110
	Minimum turning radius(without platform) 不带踏板最小转弯半径	Wa	mm	1380	1380	1620
Minimum turning radius(with platform) 带踏板最小转弯半径	Wa1	mm	/	/	/	
Tyre 轮胎	Front wheel 承载轮		mm	210X85	210X85	210X85
	Drive wheel 驱动轮		mm	210X75	210X75	210X75
	Caster wheel 平衡轮		mm	/	/	/
	Wheel matenal 车轮类型			Polyurethane 聚氨酯		
Electrical components 动力形式	Drive motor type 驱动电机类型			DC		
	Rated output 功率		kw	0.75	1.0	1.0
	Hoist motor type 起升电机类型			DC series motor 直流电机		
Battery 电池"	Rated output 功率		kw	2.2	2.2	2.2
	Voltage 电压		v	24	24	24
	Capacity 容量		ah	2x80	2x80	2x80

# CPDZ1.5 TCOUNTERWEIGHT TRAY STACKER CAR

## CPDZ1.5T平衡重托盘堆垛车



### ▶ 产品参数 / Product Parameter

Model (型号)		单位	CPDZ1.5T
Performance (性能)	Maximum load capacity( 负载能力)	kg	1500
	load center( 载荷中心距)	Q mm	500
	Maximum lifting height( 起升高度)	H3 mm	2000/2500/3000/3500
	Travel speed(without load)( 无负载行驶速度)	km/h	4.5
	Travel speed(with load)( 负载行驶速度)	km/h	4
	Lifting speed(without load)( 无负载起升速度)	mm/s	147
	Lifting speed(with load)( 负载起升速度)	mm/s	93
	Gradeability(without load)( 无负载最大爬坡能力)	%	10
	Gradeability (with load)( 负载最大爬坡能力)	%	6
	Service weight(with battery)( 重量含电池)	kg	1380
Dimensions (尺寸)	Overall length of frame( 整车长度)	L mm	2870/2870/2870/2900
	Overall length of frame(with platform)( 整车长度带踏板)	mm	3285/3285/3285/3315
	Overall width of frame( 整车宽度)	B mm	1015
	Overall height when Mast lowered to lowest ( 门架降至最低整车高度)	H1 mm	1570/1820/2070/2320
	Overall height when Mast lifted to highest ( 门架升至最高整车高度)	H4 mm	2545/2795/3045/3295
	Wheelbase( 轴距)	Y mm	1275/1275/1275/1305
	Fork length( 货叉长度)	mm	1070
	Fork spread width( 货叉外侧宽度可调范围)	mm	240-680
	Fork width( 货叉面宽度)	mm	100
	Fork height when fork lowered to lowest ( 货叉降至最低高度)	S mm	50
	Min ground clearance( 最小离地间隙)	mm	55
	"Theoretical width of minimum aisle for right-angle stacking(1000x1000) ( 直角堆垛通道最小理论宽度)"	Asts mm	3150
	Turning radius( 转弯半径)	Wa mm	1705
	Tyre (轮胎)	Front wheel( 承载轮)	mm
Drive wheel( 驱动轮)		mm	230*115
Caster wheel( 平衡轮)		mm	130*55
Wheel material( 车轮类型)			Polyurethane( 聚氨酯)
Electrical components (动力形式)	Drive motor type( 驱动电机类型)		AC
	Rated output( 功率)	kw	1.5
	Hoist motor type( 起升电机类型)		DC series motor( 直流电机)
	Rated output( 功率)	kw	2.2
Battery( 电池)	Voltage( 电压)	V	24
	Capacity( 容量)	AH	210
	Weight( 重量)	kg	190

# XAY20Z FORWARD COUNTERWEIGHT PALLET STACKER

## XAY20Z前移式平衡重托盘堆垛车(带前倾后仰)

前仰后倾

With Forward Leaning Back



### ▶ 产品参数 / Product Parameter

Model( 型号)		单位	XAY20Z
Performance (性能)	Maximum load capacity( 负载能力)	kg	2000
	load center( 载荷中心距)	Q mm	500
	Maximum lifting height( 起升高度)	H3 mm	3000
	Travel speed(without load)( 无负载行驶速度)	km/h	5.5
	Travel speed(with load)( 负载行驶速度)	km/h	5
	Lifting speed(without load)( 无负载起升速度)	mm/s	130
	Lifting speed(with load)( 负载起升速度)	mm/s	80
	Gradeability (without load)( 无负载最大爬坡能力)	%	10
	Gradeability (with load)( 负载最大爬坡能力)	%	6
	Service weight(with battery)( 重量含电池)	kg	1970
Dimensions (尺寸)	Overall length of frame( 整车长度, 踏板、扶手收起)	L mm	2565
	Overall length of frame(with platform)( 整车长度带踏板)	mm	2980
	Overall width of frame( 整车宽度)	B mm	1025/1050
	Overall height when Mast lowered to lowest( 门架降至最低整车高度)	H1 mm	1985
	Overall height when Mast lifted to highest( 门架升至最高整车高度, 含挡货架)	H4 mm	3920
	Wheelbase( 轴距)	Y mm	1530
	Fork tilt Angle, front/back( 货叉倾斜角度, 前 / 后)	mm	
	Fork length( 货叉长度)	mm	1070
	Fork spread width( 货叉外侧宽度可调范围)	mm	240-700
	Fork width( 货叉面宽度)	mm	120
	Advance distance( 前移距)	mm	520
	Fork height when fork lowered to lowest( 货叉降至最低高度)	S mm	60
	Min ground clearance( 最小离地间隙)	mm	55
	"Theoretical width of minimum aisle for right-angle stacking(1000x1200) ( 直角堆垛通道最小理论宽度)"	Asts mm	3120
Tyre (轮胎)	Minimum turning radius(without platform)( 不带踏板最小转弯半径)	Wa mm	1950
	Minimum turning radius(with platform)( 带踏板最小转弯半径)	Wa1" mm"	"2365"
	Front wheel( 承载轮)	mm"	"210*85"
	Drive wheel( 驱动轮)	mm"	230*75"
Electrical components (动力形式)	Caster wheel( 平衡轮)	mm	130*55
	Wheel material( 车轮类型)		polyurethane( 聚氨酯)
	Drive motor type( 驱动电机类型)		AC
	Rated output( 功率)	kw	2.2
Battery( 电池)	Hoist motor type( 起升电机类型)		DC series motorc 直流电机
	Rated output( 功率)	kw	3
	Voltage( 电压)	V	24
Battery( 电池)	Capacity( 容量)	AH	210
	Weight( 重量)	kg	190

电动搬运车 / Electric Pallet Truck

# ELECTRIC PALLET TRUCK

## 电动搬运车

## 1.5TON WALKIE ELECTRIC PALLET TRUCK

### 1.5吨电动搬运车(可做锂电)

尺寸小, 自重轻, 操作方便;  
更节能、环保, 更低成本;  
维护更方便。

Small size, Light weight and convenient operation;  
More energy saving, Environmental protection and lower cost;  
Maintenance is more convenient.



#### 产品参数 / Product Parameter

Model		LL-T15
Rated Load 额定载重	kg	1500
Dead weight (including battery) 自重 (含电瓶)	kg	195
Vehicle length 整车长度	mm	1638
Single fork width 单根货叉宽度	mm	150
Outer fork width 货叉外宽	mm	560(685)
The goods fork length 货叉长度	mm	1150
Maximum height of fork 货叉最高高度	mm	195
Turning radius 转弯半径	mm	1485
Walking speed,full load/no load 行走速度, 满载 / 空载	km/h	4/4.5
Maximum gradeability,full load/no load 最大爬坡度, 满载 / 空载	%	5/6
The rated power of the drive motor S2 is 60 minutes 驱动电机额定功率 S2 60 分钟	kw	0.75
Rated power of hoisting motor S3 15% 起升电机额定功率 S3 15%	kw	0.8
Battery voltage/nominal capacity 电瓶电压 / 标称容量	V/AH	2x12/65

## 2 TON WALKIE ELECTRIC PALLET TRUCK

2吨电动搬运车(无刷电机可做锂电)

超强动力 / 超强越野 / 超强续航

Super power  
Super cross country  
Super endurance



### ▶ 产品参数 / Product Parameter

Model		LL-T20
Rated Load 额定载重	kg	2000
Dead weight (including battery) 自重 (含电瓶)	kg	220
Vehicle length 整车长度	mm	1810
Single fork width 单根货叉宽度	mm	150
Outer fork width 货叉外宽	mm	560(685)
The goods fork length 货叉长度	mm	1220
Maximum height of fork 货叉最高高度	mm	195
Turning radius 转弯半径	mm	1485
Walking speed,full load/no load 行走速度, 满载 / 空载	km/h	4/5.5
Maximum gradeability,full load/no load 最大爬坡度, 满载 / 空载	%	8/16
The rated power of the drive motor S2 is 60 minutes 驱动电机额定功率 S2 60 分钟	kw	1
Rated power of hoisting motor S3 15% 起升电机额定功率 S3 15%	kw	0.8
Battery voltage/nominal capacity 电瓶电压 / 标称容量	V/AH	12x2/80

## 3 TON WALKIE ELECTRIC PALLET TRUCK

3吨电动搬运车(无刷电机可做锂电)

超强动力 / 超强越野 / 超强续航

Super power  
Super cross country  
Super endurance



### ▶ 产品参数 / Product Parameter

Model		LL-T30
Rated Load 额定载重	kg	3000
Dead weight (including battery) 自重 (含电瓶)	kg	335
Vehicle length 整车长度	mm	1810
Single fork width 单根货叉宽度	mm	160
Outer fork width 货叉外宽	mm	560(685)
The goods fork length 货叉长度	mm	1220
Maximum height of fork 货叉最高高度	mm	195-200
Turning radius 转弯半径	mm	1780
Walking speed,full load/no load 行走速度, 满载 / 空载	km/h	4/5
Maximum gradeability,full load/no load 最大爬坡度, 满载 / 空载	%	5/6
The rated power of the drive motor S2 is 60 minutes 驱动电机额定功率 S2 60 分钟	kw	1.5
Rated power of hoisting motor S315% 起升电机额定功率 S315%	kw	0.8
Battery voltage/nominal capacity 电瓶电压 / 标称容量	V/AH	2x12/100

## 2 TON RIDER ELECTRIC PALLET TRUCK

### 2吨站驾式电动搬运车(锂电可选)

电子转向、电池组 (可选机械转向、电池)

Electronic Steering/battery Pack  
(optional Mechanical Steering, Battery)



#### ► 产品参数 / Product Parameter

Model		BYD20
Power source 驱动方式		Electrics 电动
Operation type 驾驶方式		Standing 站驾式
Load capacity 额定载荷	kg	2000
Load centre 载荷中心距	mm	600
Wheel type 轮子材质		聚氨酯 PU/PU/PU
Wheel size,Driving wheel 轮子尺寸, 驱动轮	mm	c230*75
Wheel size,Load wheel 轮子尺寸, 承载轮	mm	c85*70
Wheel size,Balance wheel 轮子尺寸, 平衡轮	mm	c130*55
Driving wheel/Balance wheel/Load wheel Quantity 驱动轮 / 平衡轮 / 承载轮 (数量)	只	1/2/4
Maximum lifting height (cylinder) 最大起升高度 (油缸行程)	mm	115
Operating position Minimum/maximum height of handle 操作位置手柄最小 / 最大高度	mm	1000/1480
Min fork height 货叉最低高度	mm	85
Max fork height 货叉最高高度	mm	200
Overall length 整车长度 (踏板收起) 整体长度	mm	2030
Overall width 整体宽度	mm	860
Fork size 货叉尺寸	mm	65/182/1220
Fork width 货叉外宽	mm	680
Turning radius 转弯半径	mm	1665
Walking speed,load/unload 行走速度, 满载 / 空载	km/h	5.5/6
Grade ability,load/unload 最大爬坡坡度, 满载 / 空载	%	6/10
Lifting speed,load/unload 起升速度, 满载 / 空载	m/s	0.038/0.05
Descent speed,load/unload 下降速度, 满载 / 空载	m/s	0.05/0.038
Driving motor 驱动电机额定功率	kw	1.5
Lifting motor 起升电机额定功率	kw	1.2
Power of steering motor 转向电机额定功率	kw	0.2
Driving brake 制动类型		Electromagnetic 电磁式
Steering type 转向类型		Electronic steering
Battery voltage/capacity 电瓶电压 / 额定容量	V/Ah	24V/160
Battery weight 蓄电池重量	kg	170
Service weight(include battery) 自重 (带电瓶)	kg	680

## 3 TON RIDER ELECTRIC PALLET TRUCK

### 3吨站驾式电动搬运车(锂电可选)

电子转向、电池组 (可选机械转向、电池)

Electronic Steering/battery Pack  
(optional Mechanical Steering, Battery)



#### ► 产品参数 / Product Parameter

Model		BYD30
Power source 驱动方式		Electrics 电动
Operation type 驾驶方式		Standing 站驾式
Load capacity 额定载荷	kg	3000
Load centre 载荷中心距	mm	600
Wheel type 轮子材质		PU/PU/PU
Wheel size,Driving wheel 轮子尺寸, 驱动轮	mm	c230x75
Wheel size,Load wheel 轮子尺寸, 承载轮	mm	c85x70
Wheel size,Balance wheel 轮子尺寸, 平衡轮	mm	c130x55
Driving wheel/Balance wheel/Load wheel Quantity 驱动轮 / 平衡轮 / 承载轮 (数量)	只	1/2/4
Maximum lifting height(cylinder) 最大起升高度 (油缸行程)	mm	115
Operatng position Minimum/maximum height of handle 操作位置手柄最小 / 最大高度	mm	1000/1480
Min fork height 货叉最低高度	mm	85
Max fork height 货叉最高高度	mm	200
Overall length 整车长度 (踏板收起) 整体长度	mm	2030
Overall width 整体宽度	mm	860
Fork size 货叉尺寸	mm	65/182/1220
Fork width 货叉外宽	mm	680
Turning radius 转弯半径	mm	1665
Walking speed,load/unload 行走速度, 满载 / 空载	km/h	5.5/6
Grade ability,load/unload 最大爬坡坡度, 满载 / 空载	%	6/10
Lifting speed,load/unload 起升速度, 满载 / 空载	m/s	0.038/0.05
Descent speed,load/unload 下降速度, 满载 / 空载	m/s	0.05/0.038
Driving motor 驱动电机额定功率	kw	2.0
Lifting motor 起升电机额定功率	kw	1.2
Power of steering motor 转向电机额定功率	kw	0.2
Driving brake 制动类型		Electromagnetic 电磁式
Steering type 转向类型		Electronic steering
Battery voltage/capacity 电瓶电压 / 额定容量	V/Ah	24V/210
Battery weight 蓄电池重量	kg	190
Service weight(include battery) 自重 (带电瓶)	kg	700

## 5 TON RIDER ELECTRIC PALLET TRUCK

### 5吨站驾式电动搬运车(锂电可选)

电子转向、电池组 (可选机械转向、电池)

Electronic Steering/battery Pack  
(optional Mechanical Steering, Battery)



#### ► 产品参数 / Product Parameter

Model		BYD50
Power source 驱动方式		Electrics 电动
Operation type 驾驶方式		Standing 站驾式
Load capacity 额定载荷	kg	5000
Load centre 载荷中心距	mm	600
Wheel type 轮子材质		PU/PU/PU
Wheel size,Driving wheel 轮子尺寸, 驱动轮	mm	c310*110
Wheel size,Load wheel 轮子尺寸, 承载轮	mm	c85*96
Wheel size,Balance wheel 轮子尺寸, 平衡轮	mm	c100*65
Driving wheel/Balance wheel/Load wheel Quantity 驱动轮 / 平衡轮 / 承载轮 (数量)	只	01/2/4
Maximum lifting height (cylinder) 最大起升高度 (油缸行程)	mm	115
Operating position Minimum/maximum height of handle 操作位置手柄最小 / 最大高度	mm	1000/1480
Min fork height 货叉最低高度	mm	85
Max fork height 货叉最高高度	mm	200
Overall length 整车长度 (踏板收起) 整体长度	mm	2050
Overall width 整体宽度	mm	925
Fork size 货叉尺寸	mm	65/182/1220
Fork width 货叉外宽	mm	685
Turning radius 转弯半径	mm	1765
Walking speed,load/unload 行走速度, 满载 / 空载	km/h	5.5/6
Grade ability,load/unload 最大爬坡坡度, 满载 / 空载	%	6/10
Lifting speed,load/unload 起升速度, 满载 / 空载	m/s	0.038/0.05
Descent speed,load/unload 下降速度, 满载 / 空载	m/s	0.05/0.038
Driving motor 驱动电机额定功率	kw	3
Lifting motor 起升电机额定功率	kw	2.2
Power of steering motor 转向电机额定功率	kw	0.4
Driving brake 制动类型		Electromagnetic 电磁式
Steering type 转向类型		Electronic steering
Battery voltage/capacity 电瓶电压 / 额定容量	V/Ah	24V/280
Battery weight 蓄电池重量	kg	220
Service weight(include battery) 自重 (带电瓶)	kg	860

## 2 TON ELECTRIC-DRIVEN TRUCK

### 2吨座驾式电动搬运车(侧坐式/电子转向(可选配电池组))

锂电标配, 帮你告别电瓶维护噩梦;  
金刚罩车身 + 电转向, 作业安全;  
可靠大动力, 采用与 RAS 相同动力系统,  
历经市场 10 余年考验。

Lithium standard matching, help you bid farewell to Battery maintenance nightmare;  
Diamond hood body + electric steering, safe operation;  
Reliable and powerful power, using the same power System as RAS, It has been tested by the market For more than 10 years.



#### ► 产品参数 / Product Parameter

Model		LLT20-SR
Rated Load 额定载重	kg	2000
Dead weight (including battery) 自重 (含电瓶)	kg	510
Vehicle length 整车长度	mm	1930
Vehicle width 整车宽度	mm	730
Fork Size(Width*Length) 货叉尺寸	mm	55x174x1150
Outer fork width 货叉外宽	mm	680
The goods fork length 货叉长度	mm	1150
Maximum height of fork 货叉最高高度	mm	195-200
Turning radius 转弯半径	mm	1790
Walking speed,full load/no load 行走速度, 满载 / 空载	km/h	5.2/6
Maximum gradeability,full load/no load 最大爬坡坡度, 满载 / 空载	%	8/16
The rated power of the drive motor S2 is 60 minutes 驱动电机额定功率 S2 60 分钟	kw	1.5
Rated power of hoisting motor S3 15% 起升电机额定功率 S3 15%	1.2	kw
Battery voltage/nominal capacity 电瓶电压 / 标称容量	V/AH	24/120

## 5 TON WALKIE ELECTRIC PALLET TRUCK

### 5吨步行式电动搬运车



#### ► 产品参数 / Product Parameter

Model	单位	LL-T50
Dynamic form 动力形式		电动
Type of operation 操作类型		步行式
Load 载荷	kg	5000
Load center distance 载荷中心距	mm	600
Bearing length 承载长度	mm	877
Wheelbase 轴距	mm	1225
Dead weight (including battery) 自重 (含电瓶)	kg	600
Tire type drive wheel/carrier wheel 轮胎类型驱动轮 / 承载轮		聚氨酯 / 聚氨酯
Driving wheel size 驱动轮尺寸	mm	φ 230x75
Bearing wheel dimension 承载轮尺寸	mm	4x φ 85x95
Balance wheel size 平衡轮尺寸		无
Number of driving wheels,balancing wheels/bearing wheels 驱动轮, 平衡轮 / 承载轮数量		1x/4
Front wheel base,drive end 前轮距, 驱动端		无
Standard maximum lifting height 标配最大起升高度	mm	120
Operating position minimum/maximum height of handle 操作位置手柄最小最大高度		1250/630
Fork height after drop 货叉下降后叉面高度	mm	85
Vehicle length 整车长度	mm	1860
Overall width 整体宽度	mm	730
Fork size 货叉尺寸	mm	65/182/1220
Fork width 货叉外宽	mm	560/680
Ground clearance at the center of the wheelbase 轴距中心处离地间隙	mm	31
Turning radius 转弯半径	mm	1780
Walking speed (fullload/no load) 行走速度 (满载 / 空载)	km/h	4/4.5
Lifting speed (ful load/no load) 起升速度 (满载 / 空载)	mm/s	16/25
Maximum climbing grade (full load/no load) 最大爬坡坡度 (满载 / 空载)		6/10
Brake type 制动类型		电磁式
Rated power of drive motor 驱动电机额定功率	kw	3
Rated power of lifting motor 起升电机额定功率	kw	1.2
Maximum allowable size of battery 电瓶允许最大尺寸		
Battery voltage/nominal capacity 电瓶电压 / 标称容量		4x12/100
Battery weight 电瓶重量	kg	36x4
Drive control type 驱动控制类型		AC
Steering type 转向类型		机械

## 8.0T PALLET TRUCK

### 8T托盘搬运车



#### ► 产品参数 / Product Parameter

Model(型号)	单位	LL80T
驱动方式 Power source		电动 Electrics
驾驶方式 Operation type		站驾式 Standing
额定载荷 Load capacity	kg	8000
载荷中心距 Load centre	mm	600
轮子材质 Wheeltype		聚氨酯 PU/PU/PU
轮子尺寸, 驱动轮 Wheel size,Driving wheel	mm	c310*115
轮子尺寸, 承载轮 Wheel size,Load wheel	mm	
轮子尺寸, 平衡轮 Wheel size,Balance wheel	mm	c100*120
驱动轮 Driving wheel/ 平衡轮 Balance wheel/ 承载轮 Load wheel(数量)Quantity	只	36926
最大起升高度 (油缸行程)Maximum lifting height(cylinder)	mm	115
操作位置手柄最小 / 最大高度 Operating position Minimum/maximum height of handle	mm	1000/1480
货叉最低高度 Min fork height	mm	90
货叉最高高度 Max fork height	mm	205
整体长度 Overall length	mm	2134(2550)
整体宽度 Overallwidth	mm	925
货叉尺寸 Fork size	mm	66/280/1220
货叉外宽 Fork width	mm	685
转弯半径 Turning radius	mm	1916
行走速度, 满载 / 空载 Walking speed,load/unload	km/h	4/4.5
最大爬坡坡度, 满载 / 空载 Grade ability,load/unload	%	45/22
起升速度, 满载 / 空载 Lifting speed,load/unload	m/s	0.03/0.042
驱动电机额定功率 Driving motor	kw	5
起升电机额定功率 Lifting motor	kw	2.2
转向电机额定功率 Power of steering motor	kw	0.4
制动类型 Driving brake		电磁式 Electromagnetic
转向类型 Steering type		Electronic steering
电瓶电压 / 额定容量 Battery voltage/capacity	V/Ah	48V/200
自重 (含电瓶)Dead weight induding battery)	kg	1400

液压搬运车 / Hand Pallet Truck

# HAND PALLET TRUCK

## 液压搬运车

## DB20 2 TON HAND PALLET TRUCK

### 2吨液压搬运车

快速提升液压泵

采用更大的转向轮

货叉轮采用双轮设计

液压泵下降可通过脚踏板和手柄提升

Quick lifted hydraulic pump

With bigger steering wheels

Tandem fork rollers

Lowering down by foot pedal &amp; handle lever



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#### ► 产品参数 / Product Parameter

Model		DB20	
Rated Load 额定载重	kg	2000	2000
Max.Fork Height 货叉最高高度	mm	190	190
Min.Fork Height 货叉最低高度	mm	75	75
Max.Lifting Height 最大起升高度	mm	115	115
Fork Size(Width*Length) 货叉尺寸	mm	550x1150	685x1220
Individual Fork Width 单根货叉宽度	mm	160	160
Load Roller Diameter 货叉轮直径	mm	70x60	70x60
Steering Wheel Diameter 转向轮直径	mm	180x50	180x50

## DF25 2.5 TON HAND PALLET TRUCK

### 2.5吨液压搬运车

液压油缸承重能力达3吨  
加固车架设计，车身更加耐用  
舒适包胶手柄

Anti-oil leaking 3 ton capacity hydraulic pump  
Strong chassis design makes truck more durable  
with ergonomic rubber wrapped handle



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#### ▶ 产品参数 / Product Parameter

Model		DF25		
Rated Load 额定载重	kg	2500	2500	2500
Max.Fork Height 货叉最高高度	mm	195-200	195-200	195-200
Min.Fork Height 货叉最低高度	mm	80-85	80-85	80-85
Max.Lifting Height 最大起升高度	mm	115	115	115
Fork Size(Width*Length) 货叉尺寸	mm	520x1150	550x1150	685x1220
Individual Fork Width 单根货叉宽度	mm	160	160	160
Load Roller Diameter 货叉轮直径	mm	80x70	80x70	80x70
Steering Wheel Diameter 转向轮直径	mm	180x50	180x50	180x50

## BI30 3 TON HAND PALLET TRUCK

### 3吨液压搬运车

下降速度可通过手柄和脚踏板控制  
车架设计结实耐用，连杆可调  
货叉长度可加长至，1.5-2米

Anti-oil leaking hydraulic pump.  
Controllable lowering speed by hand lever and foot  
pedal  
Durable and strong chassis design, Adjustable  
straight tappet  
Option fork length 1.5m to 2m long.



#### ▶ 产品参数 / Product Parameter

Model		BI30		
Rated Load 额定载重	kg	3000	3000	3000
Max.Fork Height 货叉最高高度	mm	195-200	195-200	195-200
Min.Fork Height 货叉最低高度	mm	80-85	80-85	80-85
Max.Lifting Height 最大起升高度	mm	115	115	115
Fork Size(Width*Length) 货叉尺寸	mm	520x1150	550x1150	685x1220
Individual Fork Width 单根货叉宽度	mm	160	160	160
Load Roller Diameter 货叉轮直径	mm	80x70	80x70	80x70
Steering Wheel Diameter 转向轮直径	mm	180x50	180x50	180x50

## BI30-CG 3T HEAVY DUTY HAND PALLET TRUCK

### 3吨槽钢重载液压搬运车

槽钢货叉

重载设计, 适用于搬运小型机械, 模具等

Forks made by U-Steel.

Heavy duty design, suitable for carrying machinery, molds



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#### ▶ 产品参数 / Product Parameter

Model		BI30-CG	
Rated Load 额定载重	kg	3000	3000
Max.Fork Height 货叉最高高度	mm	200	200
Min.Fork Height 货叉最低高度	mm	85	85
Max.Lifting Height 最大起升高度	mm	115	115
Fork Size(Width*Length) 货叉尺寸	mm	550x1150	685x1220
Individual Fork Width 单根货叉宽度	mm	160	160
Load Roller Diameter 货叉轮直径	mm	80x70	80x70
Steering Wheel Diameter 转向轮直径	mm	180x50	180x50

## WT50 5 TON HAND PALLET TRUCK

### 5吨液压搬运车

重载 5 吨搬运车, 整体式油缸

加强型重载车架, 实心连杆, 舒适包胶手柄

Heavy duty 5000kg capacity. Integral hydraulic pump

Big steering wheel and tandem wheels

Extra-strong chassis with solid straight tappet.

tappet.

Ergonomic rubber wrapped handle



#### ▶ 产品参数 / Product Parameter

Model		WT50	
Rated Load 额定载重	kg	5000	5000
Max.Fork Height 货叉最高高度	mm	205	205
Min.Fork Height 货叉最低高度	mm	90	90
Max.Lifting Height 最大起升高度	mm	115	115
Fork Size(Width*Length) 货叉尺寸	mm	550x1200	685x1200
Individual Fork Width 单根货叉宽度	mm	180	180
Load Roller Diameter 货叉轮直径	mm	85x65	85x65
Steering Wheel Diameter 转向轮直径	mm	180x52	180x52

## LOW-PROFILE HAND PALLET TRUCK

### 低放液压搬运车

货叉最低高度 51/65/75mm

适用于超低托盘。

Min.fork height:51mm,65mm,75mm

Best solution for handling low profile pallets.



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#### ► 产品参数 / Product Parameter

Model		BI30L-51	BI30L-65	BI30L-75
Rated Load 额定载重		1500	2000	3000
Max.Fork Height 货叉最高高度	mm	146	160	190
Min.Fork Height 货叉最低高度	mm	51	65	75
Max.Lifting Height 最大起升高度	mm	95	95	115
Fork Size(Width*Length) 货叉尺寸	mm	550x1150 685x1220	550x1150 685x1220	550x1150 685x1220
Individual Fork Width 单根货叉宽度	mm	160	160	160
Load Roller Diameter 货叉轮直径	mm	50x70	55x70	74x70
Steering Wheel Diameter 转向轮直径	mm	160x50	160x50	180 × 50

## GALVANIZED HAND PALLET TRUCK

### 镀锌搬运车

镀锌车抗腐蚀能力强：

广泛用于冷库，海产品加工厂盐厂等易腐蚀场所。

Galvanized pallet truck:corosion proof

Widely used for cold storage,sea food,

Salt making factories.



#### ► 产品参数 / Product Parameter

Model		DF25GL	BI30GL
Rated Load 额定载重	kg	2500	3000
Max.Fork Height 货叉最高高度	mm	195-200	195-200
Min.Fork Height 货叉最低高度	mm	80-85	80-85
Max.Lifting Height 最大起升高度	mm	115	115
Fork Size(Width*Length) 货叉尺寸	mm	550x1150	685x1220
Individual Fork Width 单根货叉宽度	mm	160	160
Load Roller Diameter 货叉轮直径	mm	80x70	80x70
Steering Wheel Diameter 转向轮直径	mm	180x50	180x50

# STAINLESSS TEEL HAND PALLET TRUCK

## 不锈钢搬运车

100% 不锈钢搬运车，用于冷库，及易腐蚀场所。

100% Stainless Steel made: Anti-Corrosion widely used for cold storage, sea food and salt making factories.



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### ▶ 产品参数 / Product Parameter

Model		BI30SS	
Rated Load 额定载重	kg	2000	2000
Max.Fork Height 货叉最高高度	mm	195-200	195-200
Min.Fork Height 货叉最低高度	mm	80-85	80-85
Max.Liting Height 最大起升高度	mm	115	115
Fork Size(Width*Length) 货叉尺寸	mm	550x1150	685x1220
Individual Fork Width 单根货叉宽度	mm	160	160
Load Roller Diameter 货叉轮直径	mm	80x70	80x70
Steering Wheel Diameter 转向轮直径	mm	180x50	180x50

# FOR NARROW AREA MINI HAND PALLET TRUCK

## 超短搬运车

迷你托盘车  
转弯半径小  
用于狭窄的工作空间

Mini pallet trucks  
Short turning radius  
For narrow working area



### ▶ 产品参数 / Product Parameter

Model		DB20MN	BI30MN
Rated Load 额定载重	kg	2000	3000
Max.Fork Height 货叉最高高度	mm	190	195-200
Min.Fork Height 货叉最低高度	mm	75	80-85
Max.Liting Height 最大提升高度	mm	115	115
Fork Size(Width*Length) 货叉尺寸	mm	450x900	450x900
Individual Fork Width 单根货叉宽度	mm	160	160
Load Roller Diameter 货叉轮直径	mm	70x60	80x70
Steering Wheel Diameter 转向轮直径	mm	180x50	180x50

## EXTENDED PALLET TRUCK

### 加长搬运车



加长搬运车可选择：

标准 3 吨车加长货叉 1.5 米 -2 米；

槽钢 3 吨车加长货叉 2.5 米 -3 米；

5 吨车加长货叉 1.3 米 -2 米

Extra long forks pallet truck with options as below;

BI30LF: fork length from 1.5m to 2m;

B130-CG(LF): fork length from 2.5m to 3m;

WT50LF: fork length from 1.3m to 2m.



#### ► 产品参数 / Product Parameter

Model		BI30LF3 吨加长车	BI30-CG(LF)3 吨槽钢加长车	WT50LF 5 吨加长车
Rated Load 额定载重	kg	1500-2500	1000	2000-5000
Max.Fork Height 货叉最高高度	mm	195-200	195-200	205
Min.Fork Height 货叉最低高度	mm	80-85	80-85	90
Max.Lifting Height 最大起升高度	mm	115	115	115
Fork Width 货叉外宽	mm	550/685	550/685	550/685
Fork Length 货叉长度	mm	1500/1600/1800/2000	2500/3000	1500/1600/1800/2000/2500
Individual Fork Width 单根货叉宽度	mm	160	160	180
Load Roller Diameter 货叉轮直径	mm	70x80	70x80	85x65
Steering Wheel Diameter 转向轮直径	mm	180x50	180x50	180x52

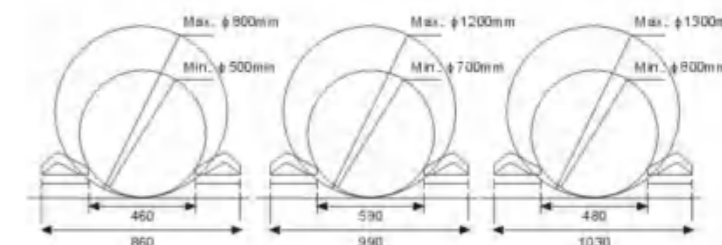
## PAPER ROLL PALLET TRUCK

### 纸卷车

专为承载柱状货物而设计：纸卷、织造梁等。

Specially designed for carrying columniform goods:

paper rolls, weaving beam etc.



#### ► 产品参数 / Product Parameter

Model		BI30PR		
Rated Load 额定载重	kg	2000	2000	2000
Max.Fork Height 货叉最高高度	mm	195-200	195-200	195-200
Min.Fork Height 货叉最低高度	mm	80-85	80-85	80-85
Max.Lifting Height 最大提升高度	mm	115	115	115
Fork Size(Width*Length) 货叉尺寸	mm	1220x860	1220x990	1220x1030
Load Roller Diameter 货叉轮直径	mm	80x70	80x70	80x70
Steering Wheel Diameter 转向轮直径	mm	180x50	180x50	180x50

## CUSTOMIZED TRUCK (EXTRA WIDE)

### 异形车(加宽车)

尺寸可根据客户需求定做

Design according to your goods size;  
Customized fork width for options



## MANUAL TRACTOR

### 手动牵引车

重载 3 吨牵引车，整体式油缸  
舒适包胶手柄

Heavy duty 3000kg capacity.  
Integral hydraulic pump  
Ergonomic rubber wrapped handle



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#### ▶ 产品参数 / Product Parameter

Model		MT30-L	MT30
Load Capacity 额定载重量	kg	3000	3000
Mnimum height of bal head 球头最低高度	mm	150	170
Maximum height of ball head 球头最高高度	mm	420	440
Overall size 外形尺寸	LxWxH mm	770x380x1200	770x380x1200
Wheel 轮子		尼龙 Nylon	尼龙 Nylon
Dimensions/quantity of front universal wheel 前万向轮尺寸 / 数量	mm/ 只	70x60/1	70x60/1
Bearing wheel size/quantity 承重轮尺寸 / 数量	mm/ 只	160x50/2	180 × 50/2
Rear universal wheel size/quantily 后万向轮尺寸 / 数量	mm/ 只	150x50/1	150x50/1
Weight 自重	kg	70	70

# INDUSTRIAL EQUIPMENT TRAILERS

## 工业设备拖车



工业设备拖车是一种具有高载重能力和可定制板面高度的工业搬运设备，采用实心橡胶轮胎或充气轮胎，避免了破胎和爆胎的风险，适合长时间稳定使用。该设备本身无动力，需要依靠牵引车或叉车来进行拖动，完成货物的搬运任务。平板拖车可以通过连接多辆车组成拖车组，用于大批量货物的运输，广泛应用于机场、港口、火车站、工厂、大型仓库等场所，特别适合大宗货物的平移和中转作业。

The industrial equipment trailer is an industrial transport equipment with high load capacity and customizable deck height, using solid rubber tires or inflatable tires to eliminate the risk of tire punctures and blowouts, making it suitable for long-term, stable use. This equipment is non-powered and requires a towing vehicle or forklift to pull and transport goods. Multiple flatbed trailers can be connected to form a trailer group for transporting large volumes of cargo. It is widely used in airports, ports, train stations, factories, large warehouses, and other locations, particularly for the transfer and relocation of bulk goods.

### ► 功能特点 / Functional Characteristics

<p><b>高弹性轮胎</b> High Elastic Tires</p>	<p>实心胎增强承载能力，空气胎减轻路面颠簸对货物的损伤，压配胎提高稳定性和承载力，适合重型货物搬运。 Enhance load capacity and reduce cargo damage.</p>
<p><b>双悬浮结构</b> Dual Suspension</p>	<p>悬浮式车架和自动摆动轮轴调节，确保车体平稳，轮胎受力均衡，适应凸凹地面。 Ensures stability and balanced tire load on uneven surfaces.</p>
<p><b>耐用销轴</b> Durable Pins</p>	<p>连接部位采用合金钢销轴，经特殊工艺处理，延长使用寿命。 Alloy steel pins for longer lifespan.</p>
<p><b>坚固平板</b> Sturdy Deck</p>	<p>平板采用箱梁结构钢板和槽钢焊接，耐用持久。 Welded from box beam and channel steel for durability.</p>
<p><b>可调牵引头</b> Adjustable Towhead</p>	<p>牵引龙头上下可调，适配不同吨位的牵引头或叉车，简单调整即可。 Easy height adjustment for different towing vehicles.</p>

### ► 应用场景 / Application Scenarios



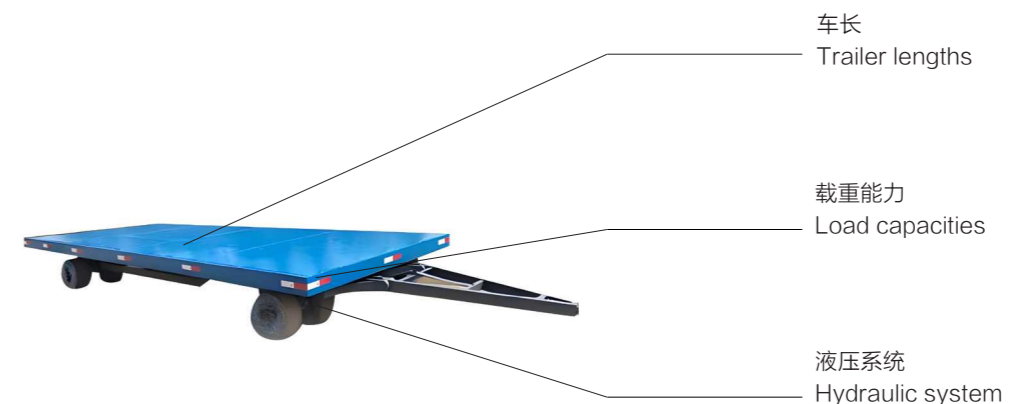
工业设备拖车可以通过连接多辆车组成拖车组，广泛应用于机场、港口、火车站、工厂和大型仓库等场所，特别适合大批量货物的运输和中转。在这些场所，平板拖车高效地移动大型货物和集装箱，提高了物流效率，满足了高负载作业的需求。

Industrial equipment trailers can be connected in a train formation, making them widely applicable in airports, ports, train stations, factories, and large warehouses, particularly for transporting and transferring large quantities of goods. In these locations, flatbed trailers efficiently move large items and containers, enhancing logistics efficiency and meeting the demands of high-load operations.

### ► 定制服务 / Customization Services

我们的定制服务旨在满足客户的具体需求，提供多种车长、载重能力和液压系统升级选项。无论您需要更长的拖车以增加运输容量，还是希望提升液压系统以提高操作效率，我们都能为您量身定制合适的车型。我们的专业团队将与您紧密合作，了解您的要求，并确保最终产品完美契合您的使用场景。

Our customization service is designed to meet the specific needs of our customers, offering a variety of trailer lengths, load capacities, and hydraulic system upgrade options. Whether you need a longer trailer to increase transport capacity or want to enhance the hydraulic system for improved operational efficiency, we can tailor the right model for you. Our professional team will work closely with you to understand your requirements and ensure that the final product perfectly fits your usage scenarios.



# UTILITY TRAILERS

## 多用途拖车



我们的多用途拖车采用坚固的钢框架和经压力处理的木地板，具有极高的耐用性。配备可折叠的坡道门，便于装卸物品，同时带有插销孔，可增加绑扎点。管状顶梁设计增强了运输过程中的稳定性和强度。拖车提供多种尺寸和承重能力，无论您有何需求，我们的多用途拖车都能胜任。设计时可根据需求增添各种定制选项，确保您能够完成各种任务。

Our utility trailers feature a sturdy steel frame and pressure-treated wood flooring, ensuring exceptional durability. They are equipped with a fold-flat ramp gate for easy loading and unloading, as well as stake pockets for additional tie-down points. The pipe top rail design enhances stability and strength during transport. Available in a range of sizes and weight capacities, our utility trailers can handle any task you have in mind. Customizable options are available to ensure that the trailer meets your specific needs, allowing you to complete a variety of tasks with ease.



### ► 功能特点 / Functional Characteristics

<p><b>轴承配置</b> Axle Configurations</p>	<p>根据载荷和地形需求定制拖车。轻载和平坦地形可选择单轴，重载和崎岖地形可选择双轴。 Customize your trailer based on load and terrain requirements. Choose a single axle for lighter loads and smoother terrain, or opt for a tandem axle for heavier loads and rougher terrain.</p>
<p><b>加强顶部设计</b> Unlimited Usage Time</p>	<p>多种顶部设计，如管状顶、加高侧围和网状侧围，增强拖车耐用性和垂直承载能力。 Available in various top styles, such as pipe tops, high sides, and mesh sides, to increase durability and vertical load capacity of the trailer.</p>
<p><b>灵活地板选择</b> Flexible Flooring Options</p>	<p>提供网状、木质和钢质地板选项，耐用且易于维护，适应各种货物。 Choose from mesh, wood, and steel flooring options, offering durability and easy maintenance to suit a variety of cargo types.</p>
<p><b>安全侧围选项</b> Secure Siding Options</p>	<p>提供网状侧围，防止小物品在运输过程中滑落，确保货物安全。 Mesh siding options are available to prevent smaller items from slipping out during transport, ensuring cargo security.</p>

### ► 产品细节 / Product Details



标准支柱孔 Standard stake pockets | 侧面可拆卸 Removable Sides | 前轮自动调节制动 Forward self-adjusting brakes | 锁扣联接器 Latch Coupler

### ► 定制服务 / Customization Services

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# DUMP TRAILER

## 自卸拖车



自卸拖车具有卓越的多功能性，能够轻松运输废料、垃圾、泥土和碎石等各种物料。无论是建筑工地、农业还是废物处理场所，自卸拖车都能高效满足运输需求。我们提供多种车长、载重能力和液压系统升级选项，以便根据实际需求定制车型。设计保证操作简便，液压系统可迅速完成装载和卸载，节省时间和人力成本。拖车结构坚固耐用，即使在恶劣环境下也能保持良好性能，确保高效稳定作业，为您的工作提供强有力的支持。

The dump trailer offers exceptional versatility, capable of easily transporting various materials such as waste, garbage, soil, and gravel. Whether at construction sites, agricultural settings, or waste management facilities, the dump trailer efficiently meets transportation needs. We provide multiple options for trailer lengths, load capacities, and hydraulic system upgrades, allowing for customization based on actual requirements. The design ensures ease of operation, with the hydraulic system enabling quick loading and unloading, saving time and labor costs. The trailer's robust and durable structure maintains excellent performance even in harsh environments, ensuring efficient and stable operations to provide strong support for your work.

### ► 功能特点 / Functional Characteristics

<p><b>轻松卸货</b> Effortless Unloading</p>	<p>配备动力升降液压系统，最多可实现40度角卸货，操作简单便捷。 Equipped with a power-up/power-down hydraulic lift system, allowing unloading at angles of up to 40 degrees with easy operation.</p>
<p><b>灵活的门设计</b> Flexible Gate Design</p>	<p>提供多种门选项，包括双开门和三向门，适应不同的装卸需求。 Offers various gate options, including double doors and three-way gates, to suit different loading and unloading needs.</p>
<p><b>坚固耐用</b> Durable Construction</p>	<p>采用厚钢板地板和墙壁，耐用性强，抗变形抗损坏。 Made with heavy-gauge steel floors and walls for enhanced durability, resistance to warping, and damage.</p>
<p><b>便捷的坡道</b> Convenient Ramps</p>	<p>某些型号配有商用级钢制坡道，方便设备装载，且可存放于拖车后部。 Some models come with commercial-grade steel ramps for easy equipment loading, which can be stored under the rear of the trailer when not in use.</p>

### ► 产品细节 / Product Details



成型轧钢  
Form-rolled steel

独立液压装置和前锁工具箱  
Self-Contained Hydraulic Unit & Front-Locking Toolbox

双向门系统（可选）  
2-Way Gate System (Optional)

锁扣联接器  
Latch Coupler

### ► 定制服务 / Customization Services

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# TILT TRAILERS

## 可倾斜拖车



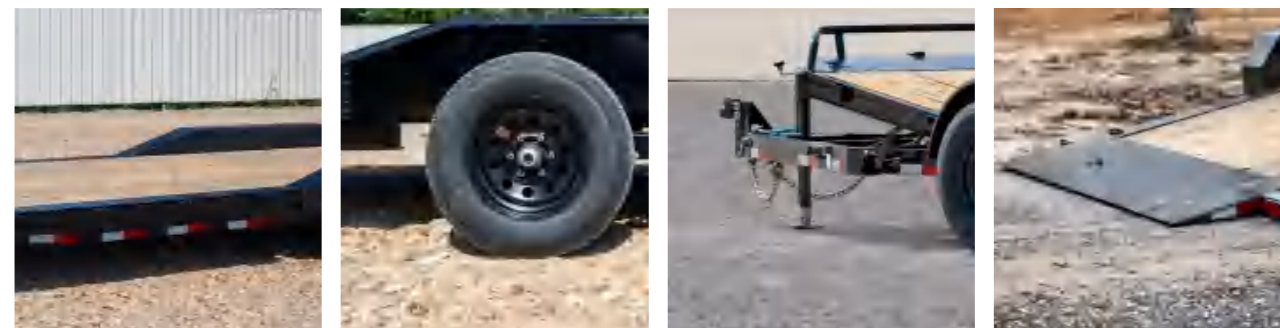
我们的可倾斜拖车配备液压缸，确保平稳稳定的倾斜速度，并采用特殊的车厢设计，减少载荷角度，轻松完成货物和动力设备的装卸。可倾斜拖车提供多种配置，包括单轴、动力倾斜、三轴等，承重能力从3吨到15吨不等，满足不同运输需求。

Our tilt trailers are equipped with hydraulic cylinders to ensure smooth and steady tilt rates, and feature specialized trailer designs that reduce load angles, making loading and unloading cargo and powered equipment a breeze. Tilt trailers are available in various configurations, including single axles, powered tilts, and triple axles, with capacities ranging from 3 tons to 15 tons, catering to different transportation needs.

### ► 功能特点 / Functional Characteristics

<p><b>轻松卸货</b> Easy Loading and Unloading</p>	<p>配备液压缸，轻松装卸重型物品，如拖拉机、ATV或多用途车辆，节省时间和精力。 Equipped with hydraulic cylinders, easily load and unload heavy items such as tractors, ATVs, or utility vehicles, saving time and effort.</p>
<p><b>多种尺寸</b> Variety of Sizes</p>	<p>提供不同尺寸的拖车，满足不同货物需求。 Available in different sizes to meet various cargo needs.</p>
<p><b>无需复杂操作</b> No Complicated Maneuvers</p>	<p>拖车采用11° - 12° 的平缓接近角度，轻松装卸低底盘物品，提升效率，省去麻烦。 The trailers feature a gentle 11° - 12° approach angle, making it easy to load low-clearance items, boosting efficiency and eliminating hassle.</p>
<p><b>耐用设计</b> Durable Design</p>	<p>商用级木质车厢，确保拖车坚固耐用，运输过程更安全可靠。 With a commercial-grade wooden deck, the trailers are built to last, ensuring a safer and more reliable transportation process.</p>

### ► 产品细节 / Product Details



标准支柱孔  
Standard stake pockets

前轮自动调节制动  
Forward self-adjusting brakes

液压缓冲重力倾斜  
Hydraulic cushioned gravity tilt

装载坡道  
loading dock ramp

### ► 定制服务 / Customization Services

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# ROTATING PLATFORM

## 旋转平台



旋转平台可以满足用户不同旋转需要，满足在高精度、多角度旋转，可实现自动化高精度旋转测试，可用于生产后测试，此产品提供灵活定制服务，无论是旋转角度、台面定制、台面转速、载重能力还是功率，都可以根据实际使用场景和工况进行个性化定制。

The rotating platform can meet the different rotation needs of users, meet the high-precision, multi-angle rotation, realize automated high-precision rotation testing, and can be used for post-production testing. This product provides flexible customization services. Whether it is rotation angle, table customization, table speed, load capacity or power, it can be customized according to actual usage scenarios and working conditions.



### ► 功能特点 / Functional Characteristics

<p><b>适应高频率连续运转</b> Adapt to high-frequency continuous operation</p>	<p>结构紧凑稳定，可适应高频率连续运转。 compact and stable structure, can adapt to high-frequency continuous operation.</p>
<p><b>PLC 电控</b> PLC electronic control</p>	<p>PLC可以精确控制旋转平台的启动、停止和旋转角度，适合需要高精度定位的场合。 PLC can accurately control the start, stop and rotation angle of the rotating platform, suitable for occasions requiring high-precision positioning.</p>
<p><b>变频调速</b> Frequency conversion speed regulation</p>	<p>平稳的运行方式减少了设备磨损，延长了设备寿命。 The smooth operation mode reduces equipment wear and extends the life of the equipment.</p>
<p><b>保障运行安全</b> Ensure safe operation</p>	<p>高强度加厚钢材，匹配专用的变频系统，缓启缓停，确保运行安全稳定。 high-strength thickened steel, matching a dedicated frequency conversion system, slow start and slow stop, to ensure safe and stable operation.</p>
<p><b>高效旋转，节省空间</b> Efficient rotation space saving</p>	<p>实现360° 旋转，特别适合车库、展厅等空间有限的场所。 360° rotation is achieved, especially suitable for places with limited space such as garages and exhibition halls.</p>
<p><b>耐用性强</b> Strong durability</p>	<p>采用防锈、防腐蚀材质，适应各种环境。 Made of rust-proof and corrosion-resistant materials, suitable for various environments.</p>

### ► 应用场景 / Application Scenarios



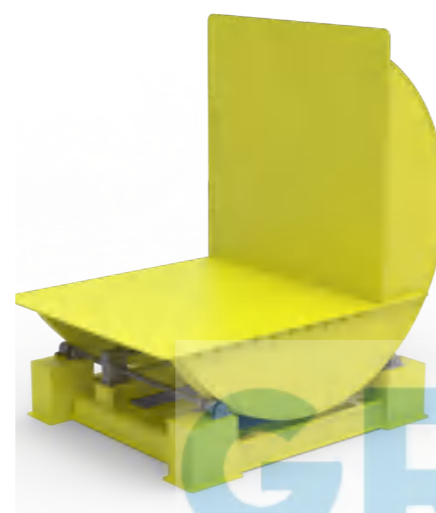
# 90-DEGREE HYDRAULIC TILTER

## 90度液压翻转机



90度液压翻转机是一种高效、安全的重物翻转设备，广泛应用于工业领域中大宗物料的搬运与翻转。该设备通过双作用液压缸实现物料或容器的90度翻转，并能够控制翻转速度，确保操作的平稳与安全。液动力单元可以安装在翻转机底座内部，灵活适应不同的使用环境。90度液压翻转机通常与吊车、叉车等设备配合使用，能够轻松完成重物的精准翻转，减少人工操作的风险，提高工作效率，广泛用于制造、物流、金属加工等行业。

The 90-degree hydraulic tilter is an efficient and safe piece of equipment for flipping heavy materials, widely used in industrial applications for the handling and tilting of large materials. This device utilizes double-acting hydraulic cylinders to achieve a 90-degree tilt of materials or containers, with the ability to control the tilting speed, ensuring smooth and safe operation. The hydraulic power unit can be installed inside the tilter base, providing flexibility to adapt to different operational environments. The 90-degree hydraulic tilting machine is typically used in conjunction with overhead cranes, forklifts, and other equipment, enabling precise tilting of heavy loads, reducing the risk of manual handling, and improving work efficiency.



### ► 应用场景 / Application Scenarios



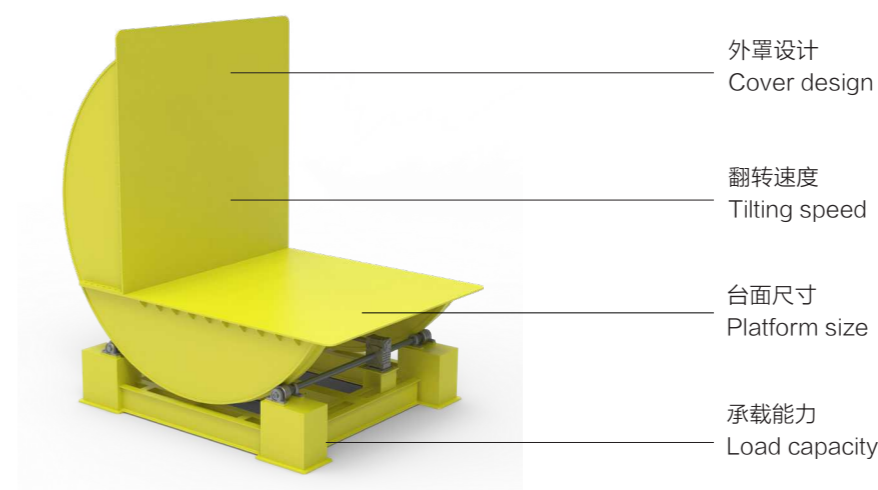
### ► 功能特点 / Functional Characteristics

<p><b>高效安全</b> Efficient and Safe</p>	<p>采用双作用液压缸，实现精准的90度翻转，操作稳定，确保安全性。 Utilizes double-acting hydraulic cylinders to achieve precise 90-degree tilting, ensuring stable operation and safety.</p>
<p><b>速度可调</b> Adjustable Speed</p>	<p>翻转过程的速度可调，确保平稳运行，适应不同操作需求。 The tilting speed is adjustable, ensuring smooth operation and accommodating different operational needs.</p>
<p><b>减少人工风险</b> Reduced Manual Risk</p>	<p>减少人工操作的风险，避免了手动支撑负载的危险，提升操作安全性。 Reduces the risk of manual handling, avoiding the danger of manually supporting loads, thereby improving operational safety.</p>
<p><b>高承载能力</b> High Load Capacity</p>	<p>适用于各种重物翻转，广泛应用于重型物料的搬运和翻转。 Suitable for tilting various heavy materials, widely used in the handling and tilting of heavy loads.</p>

### ► 定制服务 / Customization Services

我们可根据客户的特殊需求量身打造翻转机解决方案。无论是承载能力、装载平台尺寸与外罩设计、翻转速度等，均可与客户共同探讨并精确调整，以确保设备满足特定的应用需求。

We can tailor tilter solutions based on the customer's specific requirements. Whether it's payload capacity, loading deck size and cover design, tilting speed, or other factors, we work closely with the client to discuss and precisely adjust the specifications to ensure the equipment meets the specific application needs.



# 90-DEGREE TILTER-UPDENDER WITH ROLLER CONVEYOR

## 带辊轮输送带的翻转机



这款90度翻转台具有300公斤的载重能力，并配备两个不同的工作平台。一侧配有V型电动辊道输送机，尺寸为1500mm x 1200mm，适用于支撑和运输长形物料；另一侧为梳形平台，尺寸为1200mm x 1100mm，便于操作和物料处理。每个翻转周期的翻转速度小于60秒，确保在物料搬运过程中实现快速、安全的转移。



The 90-Degree Upender has a load capacity of 300 kg and features two distinct work platforms. One side is equipped with a V-shaped powered roller conveyor, measuring 1500mm by 1200mm, suitable for supporting and transporting elongated materials. The other side is a comb-shaped platform, measuring 1200mm by 1100mm, allowing easy access for handling and operation. The flipping speed is less than 60 seconds per cycle, ensuring fast and safe material transfer during the handling process.

### ► 功能特点 / Functional Characteristics

<p><b>生产线无缝对接</b> Seamless Integration with Production Line</p>	<p>轻松连接到现有的输送系统，实现连续操作。 Easily connects to existing conveyor systems for continuous operation.</p>
<p><b>专为圆柱形产品设计</b> Designed for Cylindrical Products</p>	<p>非常适合处理管状物料，确保翻转过程平稳、安全。 Ideal for handling tube-shaped items, ensuring smooth and safe flipping.</p>
<p><b>自动感应</b> Automatic Sensing</p>	<p>配备传感开关，能够自动检测产品存在并启动90度翻转。 Equipped with a sensor switch to detect the presence of products, initiating the 90-degree flip automatically.</p>
<p><b>高效翻转操作</b> Efficient Flip Operation</p>	<p>能够在60秒内完成翻转，提高生产效率，缩短周期时间。 Capable of flipping products within 60 seconds, improving productivity and reducing cycle time.</p>
<p><b>双平台设计</b> Dual Platform Design</p>	<p>一侧配有V型电动辊道输送机，确保物料稳定运输；一侧为梳形平台，方便物料处理。 Features a V-shaped powered roller conveyor for stable transport and a comb-shaped platform for easy material handling.</p>

### ► 产品细节 / Product Details



电机  
Motor

辊筒输送  
Roller conveyor

滚轮  
Scroll Wheel

链条  
Chain

### ► 定制服务 / Customization Services

我们可根据客户的特殊需求量身打造翻转机解决方案。无论是承载能力、装载平台尺寸与外罩设计、翻转速度等，均可与客户共同探讨并精确调整，以确保设备满足特定的应用需求。

We can tailor solutions based on the customer's specific requirements. Whether it's payload capacity, loading deck size and cover design, tilting speed, or other factors, we work closely with the client to discuss and precisely adjust the specifications to ensure the equipment meets the specific application needs.



外罩设计  
Cover design

翻转速度  
Tilting speed

台面尺寸  
Platform size

承载能力  
Load capacity

# 15-TON HEAVY-DUTY HYDRAULIC TILTER-UPENDER FOR REFRIGERATION EQUIPMENT

## 15吨制冷设备重型液压翻转平台



这款90度15吨重型液压倾斜翻转台专为将制冷设备从垂直位置翻转到水平位置而设计，确保起重机搬运的安全性，消除人工翻转的风险。设备两侧配有防护栏和固定带，确保设备牢固定位，防止滑动或跌落。翻转速度可调，翻转周期为60-100秒，非常适合大尺寸制冷设备的安全搬运和运输。

The 90-Degree 15-Ton Heavy-Duty Hydraulic Tilter-Upender is designed to flip refrigeration equipment from a vertical to a horizontal position, allowing safe crane handling and eliminating the risks of manual flipping. Protective railings and securing straps on both sides of the equipment keep it firmly in place, preventing sliding or falling. The tilting speed is adjustable, with a cycle time of 60-100 seconds, making it ideal for the safe handling and transport of large refrigeration units.



### ► 功能特点 / Functional Characteristics

<p><b>高载重能力</b> High Load Capacity for Heavy Equipment</p>	<p>设计可承载达15吨的负荷，特别适用于安全翻转大型工业制冷设备及其他重型设备。 Built to handle loads up to 15 tons, making it ideal for safely flipping large, industrial refrigeration units and other heavy equipment.</p>
<p><b>90度旋转</b> Efficient and Controlled 90-Degree Rotation</p>	<p>可在60-100秒的翻转周期内将设备从垂直位置翻转到水平位置。可控的翻转速度减少了操作时间，同时确保重物安全平稳搬运。 Designed to rotate units from vertical to horizontal positions within a cycle time of 60-100 seconds. This controlled speed reduces handling time while ensuring that heavy loads are moved safely and securely.</p>
<p><b>先进的安全功能</b> Advanced Safety Features</p>	<p>翻转平台两侧配有防护栏和加固固定带，确保设备牢牢固定，防止在操作过程中发生侧向移动、滑动或跌落。这些设计使其在高风险环境中尤为重要。 Equipped with protective railings on both sides of the tilting platform and reinforced securing straps to hold equipment firmly in place, preventing any lateral movement, sliding, or falling during operation.</p>
<p><b>可调翻转速度</b> Adjustable Tilting Speed</p>	<p>可根据设备的具体要求调整翻转速度，增强安全性和效率。 Customizable speed settings allow operators to adjust the tilting speed according to the specific requirements of each piece of equipment, enhancing both safety and efficiency.</p>

### ► 应用场景 / Application Scenarios



这款15吨重型液压翻转台广泛应用于工业制冷设备的搬运与翻转，特别适合大型制冷机组和冷库设备的搬运。尤其适用于制冷设备厂、维修车间以及高风险环境中，帮助优化操作流程，减少劳动强度，确保设备和操作员的安全。

This 15-ton heavy-duty hydraulic tilter is widely used for handling and flipping industrial refrigeration equipment, especially large refrigeration units and cold storage equipment. It is particularly suitable for refrigeration factories, maintenance workshops, and high-risk environments, helping to optimize operational processes, reduce labor intensity, and ensure the safety of both equipment and operators.

### ► 定制服务 / Customization Services

我们可根据客户的特殊需求量身打造翻转机解决方案。无论是承载能力、装载平台尺寸与外罩设计、翻转速度等，均可与客户共同探讨并精确调整，以确保设备满足特定的应用需求。

We can tailor tilter solutions based on the customer's specific requirements. Whether it's payload capacity, loading deck size and cover design, tilting speed, or other factors, we work closely with the client to discuss and precisely adjust the specifications to ensure the equipment meets the specific application needs.



- 外罩设计  
Cover design
- 翻转速度  
Tilting speed
- 台面尺寸  
Platform size
- 承载能力  
Load capacity

# 160T HYDRAULIC UPENDER

## 160吨翻转平台



这款 160 吨翻转平台采用先进设计，解决了超大吨位和尺寸物料翻转中的安全性与稳定性难题。平台尺寸为 9500x5500mm+5500x5000mm，支持双向翻转，适用于核设备吊篮筒体、金属反射层及类似零件的 90 度翻转。其设计能够显著节省翻转所需的辅助工时，同时大幅提升翻转吊装作业的安全性。凭借其先进的结构和精确的控制系统，这款翻转平台在工业生产中起到了至关重要的作用，尤其是在需要高精度和高安全性的重型物料处理领域。

This 160-ton Hydraulic Upender features an advanced design that addresses safety and stability challenges when flipping oversized and heavy materials. The platform size is 9500x5500mm+5500x5000mm, with bi-directional flipping capabilities. It is suitable for 90-degree flipping of nuclear equipment basket shells, metal reflector, and similar components. The design significantly reduces the auxiliary labor required for flipping cylinder sections, while greatly enhancing the safety of the flipping and lifting operations. With its advanced structure and precise control system, this flipping platform plays a crucial role in industrial production, especially in the handling of heavy materials requiring high precision and safety.

### ► 功能特点 / Functional Characteristics

<p><b>翻转架</b> Upender Frame</p>	<p>翻转架进行有限元分析，既要保证强度又要便于运输和安装。 The upender frame undergoes finite element analysis to ensure both strength and ease of transportation and installation.</p>
<p><b>钢结构</b> Steel Structure</p>	<p>整机钢结构采用时效处理，保证设备的稳定性。 The entire steel structure of the machine is subjected to aging treatment to ensure stability.</p>
<p><b>同时动作</b> operate simultaneously</p>	<p>四组大型油缸同时动作，比例阀控制，保证设备翻转速度和精度。 Four large hydraulic cylinders operate simultaneously, controlled by proportional valves, ensuring both flipping speed and precision.</p>
<p><b>任意位置停留</b> Stop At Any Position</p>	<p>可任意位置停留，液压自锁，泵站配置散热器和蓄能器。 The equipment can stop at any position, with hydraulic self-locking, and the pump station is equipped with a radiator and accumulator.</p>
<p><b>便于操作</b> Easy Operation</p>	<p>触摸屏控制和遥控控制相结合，便于操作。 Touch screen control and remote control are combined for easy operation.</p>
<p><b>国家专利</b> National Patent</p>	<p>同行业最大吨位翻转平台，申请多项国家专利。技术达到国内一流水平。 The largest tonnage upender in the industry, with multiple national patents applied for. The technology reaches the domestic first-class level.</p>

### ► 案例展示 / Product Shots



### ► 定制服务 / Customization Services

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外罩设计  
Cover design

翻转速度  
Tilting speed

台面尺寸  
Platform size

承载能力  
Load capacity

# 90-DEGREE MECHANICAL UPENDER

## 90度链条式翻转机

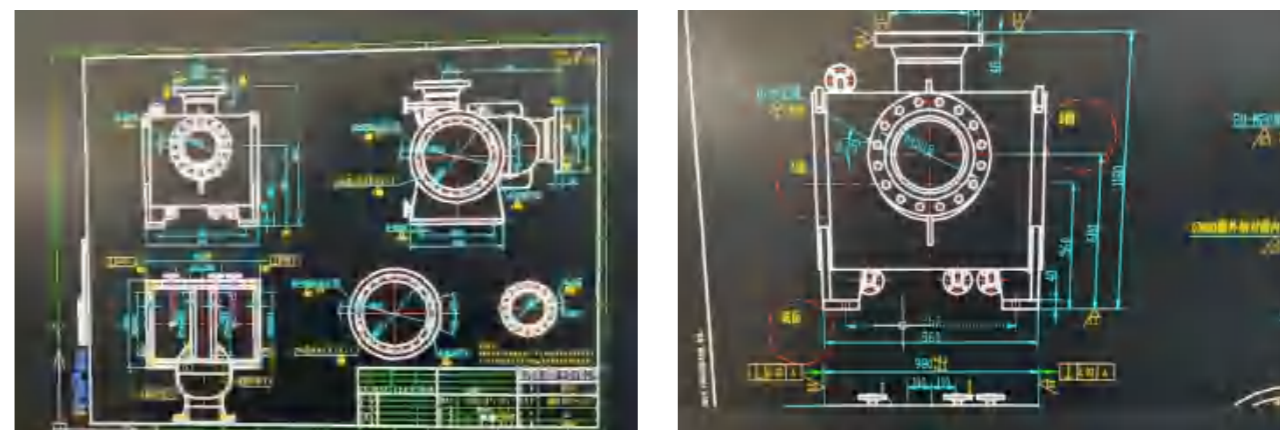


这款90度链条式翻转机专为翻转重型组件，如螺杆泵的铸件外壳而设计。其承载能力可达3吨，配备了1.5米×1.5米的双平台尺寸。翻转台采用电动齿轮马达驱动单链轮链条机制，确保平稳高效的翻转操作。这款翻转台提供可靠的性能，是处理和重新定位重型及不规则形状组件的理想解决方案，广泛应用于工业领域。

This 90-degree mechanical upender is designed for flipping heavy-duty components such as the casting shells of screw pumps. With a robust load capacity of 3 tons, it features dual platform dimensions of 1.5m × 1.5m. The upender utilizes an electric gear motor to drive a single sprocket chain mechanism, ensuring smooth and efficient flipping operations. This upender provides reliable performance, making it an ideal solution for handling and reorienting heavy and irregularly shaped components in industrial applications.



### ► 设计图 / Design



### ► 定制服务 / Customization Services

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### ► 功能特点 / Functional Characteristics

<p><b>链条驱动翻转机制</b> Chain-Driven Flipping Mechanism</p>	<p>配备电动齿轮马达，驱动强大的单链条或双链条系统，翻转台提供平稳、精准且可靠的翻转。链条配置可根据负载能力和重心进行调整，确保稳定性和高效性。 Equipped with an electric gear motor driving a robust single or double chain system, the upender delivers smooth, precise, and reliable flipping.</p>
<p><b>优化平台设计</b> Optimized Platform Design</p>	<p>配备两个尺寸为1.5米×1.5米的平台，能够适应各种负载大小和形状，满足不同工业需求。 Features dual platforms measuring 1.5m × 1.5m each, accommodating a wide range of load sizes and shapes, making it versatile for various industrial needs.</p>
<p><b>加固钢结构</b> Reinforced Steel Construction</p>	<p>采用坚固的焊接钢材构建，提供卓越的耐用性和结构稳定性。全钢底板增强了稳定性，确保在最大负载条件下安全操作。 Constructed with robust welded steel for superior durability and structural integrity. The full steel bottom plate adds stability, ensuring safe operation even under maximum load conditions.</p>
<p><b>快速高效操作</b> Fast and Efficient Operation</p>	<p>可该翻转台能够在60秒内完成完整的90度翻转，旨在优化工作流程，提升高需求环境中的生产效率。 Capable of completing a full 90-degree flip in just 60 seconds, this upender is designed to streamline workflows and increase productivity in high-demand environments.</p>



- 外罩设计  
Cover design
- 翻转速度  
Tilting speed
- 台面尺寸  
Platform size
- 承载能力  
Load capacity

# 180-DEGREE L-SHAPED TILTER-UPENDER

## 180度L型翻转平台



180度L型翻转平台是一种先进的解决方案，旨在简化和自动化工业加工和焊接操作中重型钢板的翻转。配备双L型翻转站和强大的液压驱动系统，能够高效处理各种规格的钢板，确保即使是超重材料也能平稳、精准地完成180度翻转。集成的一键智能控制系统简化了从装载到卸载的整个过程。这款创新设备显著提升了重型物料搬运中的生产效率和安全性。



The 180-Degree L-Shaped Tilter-Upender is an advanced solution designed to simplify and automate the flipping of heavy steel plates in industrial processing and welding operations. With dual L-shaped flipping stations and a powerful hydraulic drive system, it efficiently handles various plate specifications, ensuring smooth and precise 180-degree flips, even for ultra-heavy materials. The integrated one-button intelligent control system streamlines the entire process, from loading to unloading. This innovative equipment significantly improves production efficiency and safety in heavy material handling.

### ► 功能特点 / Functional Characteristics

<p><b>双L型自动翻转台</b> Dual L-Shaped Flipping Stations</p>	<p>系统包含两个L型自动翻转平台，能适应各种重型钢板规格，确保生产过程的多样性。 The system comprises two L-shaped automatic flipping stations, designed to accommodate a wide range of heavy steel plate specifications, ensuring versatility in production.</p>
<p><b>液压驱动系统</b> Hydraulic Drive System</p>	<p>配备高性能液压缸，翻转台能够平稳且有力地执行翻转动作，轻松完成超重钢板的180度翻转，确保精准运动同时降低能耗。 Equipped with high-performance hydraulic cylinders, the upender delivers smooth and powerful flipping actions.</p>
<p><b>一键智能控制</b> One-Button Intelligent Control</p>	<p>集成的智能控制系统允许操作员通过按下控制面板上的一个按钮，轻松完成整个过程—从装载、翻转到对位和卸载。这一功能显著降低了操作复杂性并提高了工作效率。 The integrated intelligent control system allows operators to execute the entire process—from loading and flipping to aligning and unloading—by simply pressing a button on the control panel.</p>
<p><b>安全机制</b> Fast and Efficient Operation</p>	<p>翻转台设计了多重安全功能，包括超载保护和紧急停机功能。发生异常时，系统会迅速启动紧急停机。不同翻转阶段的机械联锁进一步增强安全性，防止意外事故发生。 The upender is designed with multiple safety features, including overload protection and an emergency stop function. In case of any anomalies, the system promptly initiates an emergency shutdown.</p>

### ► 应用场景 / Application Scenarios



这款180度L型倾斜翻转台广泛应用于钢铁、造船、汽车制造等行业，特别适合重型钢板的翻转和对位。操作员可通过一键智能控制系统轻松完成翻转，提升加工效率和精度，同时其安全设计保障了高强度作业环境下的操作安全。

The 180-degree L-shaped tilting upender is widely used in industries such as steel, shipbuilding, and automotive manufacturing, especially for flipping and positioning heavy steel plates. Operators can easily perform flips with the one-button intelligent control system, improving processing efficiency and accuracy, while its safety design ensures operational safety in high-intensity work environments.

### ► 定制服务 / Customization Services

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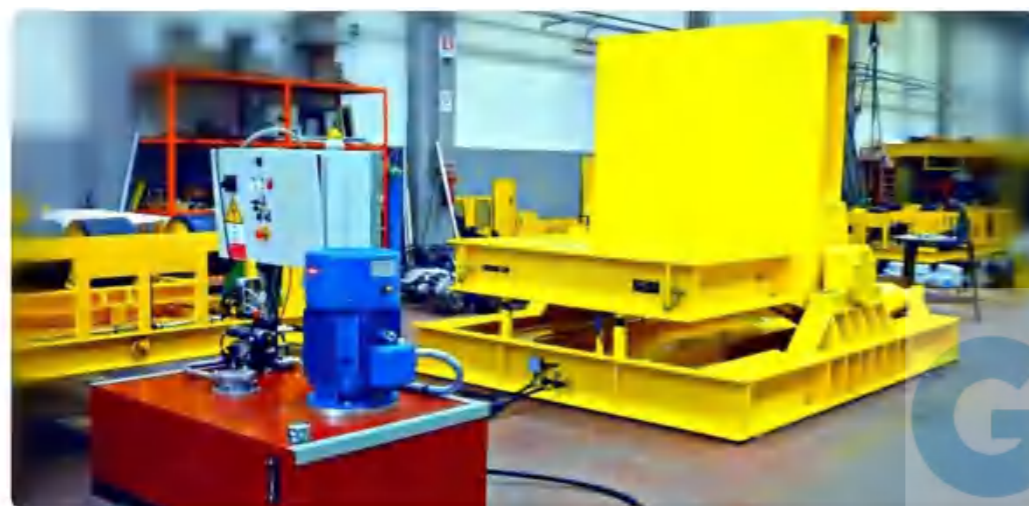
- 外罩设计  
Cover design
- 翻转速度  
Tilting speed
- 台面尺寸  
Platform size
- 承载能力  
Load capacity

# CUSTOMIZATION SERVICES

## 定制服务

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The following products are some case displays. This product provides flexible customization services and can be adjusted according to the specific needs of customers. Whether it is table customization, flip angle, flip speed, load capacity or power, it can be customized according to the actual use scenario. If customization is required, please provide the use scenario and working conditions to maximize the special requirements of different working environments.



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## 定制服务

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# SIDE-TILTING HYDRAULIC TRUCK DUMPER

## 侧翻卸车机



侧翻式卸车机采用液压装置，通过液压系统将整车倾斜至一侧，实现快速高效的货物卸载。该平台提供 45° 和 55° 两种侧翻角度，用户可根据不同的物料类型和作业需求选择合适的角度。通过液压装置控制倾斜角度，确保卸货过程稳定、安全，利用重力使货物自然滑落，减少人工干预，提高工作效率。该平台广泛应用于港口、矿山、仓储等场所，具有操作简便、安全可靠、节省人力等优点。

The side-tilting Hydraulic truck dumper uses a hydraulic system to tilt the entire truck to one side for efficient cargo unloading. It offers two tilting angles: 45° and 55°, allowing adjustment based on material type and needs. The platform ensures stable and safe unloading with gravity-assisted cargo release, reducing manual labor and increasing efficiency. It is commonly used in ports, mines, and warehouses.



### ► 功能特点 / Functional Characteristics

侧翻角度 Tilting Angles	提供45° 和55° 两种侧翻角度，后者常用于铁精粉等难卸物料。 Offers 45° and 55° tilting angles, with the latter for difficult materials like iron concentrate powder.
震动装置 Vibration Device	可配置震动装置，用于清理汽车底部流动性差的物料。 Can be equipped with a vibration device for cleaning materials with poor flowability.
操作通道 Operational Passage	可配置安装操作通道，方便安全操作。 Includes an optional operational passage for safe and easy use.
导料装置 Material Guide	可配置导料装置，防止物料落入平台，避免清理困难。 Can be fitted with a material guide to prevent spillage and ease cleaning.

### ► 应用场景 / Application Scenarios



侧翻式卸车机广泛应用于建筑工地、矿山、港口和仓储等场所，适用于砂石、煤炭、矿石等大宗物料的快速卸载。它提高了作业效率，减少了人工卸载时间，优化了物流流程，适应恶劣环境，确保高效作业。

The side-tilting truck dumper is widely used in construction sites, mines, ports, and warehouses, suitable for the rapid unloading of bulk materials such as sand, gravel, coal, and ore. It improves operational efficiency, reduces manual unloading time, optimizes logistics processes, and is designed to perform well in harsh environments, ensuring high-efficiency operations.

### ► 定制服务 / Customization Services

我们的侧翻式卸车机定制服务提供多种选项，以满足不同作业需求。您可以根据具体需求选择合适的台面尺寸，确保适应各种物料的卸载。我们还提供灵活的载重能力选项，从轻型到重型物料都能轻松处理。倾斜角度也可根据作业要求进行调整，常见范围为 30° 至 45°，确保高效、精准的卸载。通过这些定制服务，我们帮助客户提升作业效率，降低成本，确保设备在各种工作环境中都能稳定可靠地运行。

Our side-tilting truck dumper customization service offers a variety of options to meet different operational needs. You can select the appropriate table size based on specific requirements to ensure efficient unloading of various materials. We also offer flexible load capacity options, capable of handling everything from light to heavy materials with ease. The tilt angle can be adjusted according to operational needs, typically ranging from 30° to 45°, ensuring efficient and precise unloading. With these customization services, we help customers improve operational efficiency, reduce costs, and ensure reliable performance in various working environments.



台面尺寸  
Table size

载重能力  
Load capacities

倾斜角度  
Tilt angle

# BACK-ON HYDRAULIC TRUCK DUMPER

## 后翻卸车机



后翻式卸车机是一种高效装卸设备，通过夹紧装置将整车固定在平台上，启动倾斜装置后将卡车整体抬高至45°的倾斜角度，利用货物重力自然滑落完成卸货。装卸完成后，平台恢复水平状态，卡车安全驶离。该设备操作便捷、安全可靠，广泛应用于散装货物运输领域。

The Back-on Hydraulic Truck Dumper is a highly efficient device designed for material handling. It secures the entire truck onto the platform using clamping or locking mechanisms. The platform tilts the truck to an angle of 30° -45° , allowing the cargo to slide out naturally under gravity. Once unloading is complete, the platform returns to a horizontal position, enabling the truck to safely drive away. This equipment is easy to operate, reliable, and widely used in bulk material transportation.



### ► 功能特点 / Functional Characteristics

<b>同步系统</b> Synchronization System	采用高精度油缸同步稳定系统，降低振动和冲击，延长油缸使用寿命。 Features a high-precision cylinder synchronization system, reducing vibration and impact, greatly extending the service life of the cylinder.
<b>固定装置</b> Locking Device	配备全自动挡轮固定装置，提高操作安全性，避免高粉尘环境中的遥控操作，提升卸货效率。 Equipped with an automatic wheel-locking device, improving safety and eliminating the need for remote control in dusty environments, while enhancing unloading efficiency.
<b>进口油缸</b> Imported Cylinders	采用进口油缸和泵，确保安全可靠、耐用。 Uses imported cylinders and pumps, ensuring safety, reliability, and a long service life.
<b>无人操作</b> Unmanned Operation	实现无人值守操作，驾驶员可一键完成卸货。 Enables unmanned operation, allowing the driver to unload with a single button press.

### ► 应用场景 / Application Scenarios



后翻式卸车机广泛应用于建筑工地、矿山、港口和物流仓储等领域，特别适合大宗物料的快速卸载。在建筑工地和矿山，后翻式卸车机能够高效卸载砂石、煤炭等重型物料，极大提升作业效率。在港口和仓储领域，它有助于快速清空货车，优化物流流程，确保货物的顺利转运。其稳定的液压系统和坚固的结构，使其在恶劣环境下也能保持高效性能。

The Back-on Hydraulic Truck Dumper is widely used in construction sites, mines, ports, and logistics warehouses, particularly for the rapid unloading of bulk materials. In construction sites and mines, it efficiently unloads heavy materials such as sand, gravel, and coal, greatly improving operational efficiency. In ports and warehouses, it helps quickly empty trucks, optimizing logistics processes and ensuring smooth cargo transfer. Its stable hydraulic system and sturdy structure ensure high performance even in harsh environments.

### ► 定制服务 / Customization Services

我们的后翻式卸车机定制服务提供多种选项，以满足不同作业需求。您可以根据具体需求选择合适的台面尺寸，确保适应各种物料的卸载。我们还提供灵活的载重能力选项，从轻型到重型物料都能轻松处理。通过这些定制服务，我们帮助客户提升作业效率，降低成本，确保设备在各种工作环境中都能稳定可靠地运行。

Our Back-on Hydraulic Truck Dumper customization service offers a variety of options to meet different operational needs. You can select the appropriate table size based on specific requirements to ensure efficient unloading of various materials. We also offer flexible load capacity options, capable of handling everything from light to heavy materials with ease. With these customization services, we help customers improve operational efficiency, reduce costs, and ensure reliable performance in various working environments.



台面尺寸  
Table size

载重能力  
Load capacities

倾斜角度  
Tilt angle

# DOUBLE-LANE 180-DEGREE CONTAINER TILTING MACHINE

## 双车道双翻集装箱翻转机



双车道双翻集装箱翻转机是一种高效的集装箱翻转设备，采用双车道设计，能够同时操作多个集装箱。该设备配备 180 度翻转功能，可以将集装箱精确翻转至所需角度，适用于需要大规模、高频次操作的场所。通常应用于大型港口、物流中心及其他高负荷环境，具备优异的操作稳定性和较高的作业效率。

The double-lane 180-degree container tilting machine is an efficient container tilting device featuring a dual-lane design, allowing for the simultaneous operation of multiple containers. Equipped with a 180-degree tilting function, it can precisely tilt containers to the desired angle, making it suitable for large-scale, high-frequency operations. It is commonly used in large ports, logistics centers, and other high-load environments, offering excellent operational stability and high work efficiency.



### ► 功能特点 / Functional Characteristics

<b>双车道设计</b> Dual-lane Design	可同时操作多个集装箱，提高效率，减少等待时间。 Operates multiple containers simultaneously for higher efficiency.
<b>180 度翻转</b> 180-degree Tilting	精确翻转集装箱至180度，适应多种操作需求。 Precisely tilts containers to 180 degrees.
<b>高效作业</b> High Efficiency	适用于高频次、大规模操作，确保快速可靠的作业。 Ideal for high-frequency, large-scale operations.
<b>稳固结构</b> Robust Construction	采用高强度材料，承载能力强，适应重负荷环境。 Built for heavy loads and demanding environments.
<b>先进控制系统</b> Advanced Control	配备液压或电动系统，确保翻转过程稳定精准。 Ensures stable and precise tilting.

### ► 应用场景 / Application Scenarios



### ► 产品参数 / Product Parameter

基本参数 Basic Parameters	
外形尺寸(长 × 宽 × 高) Dimensions(L*W*H)	9850*6050*6500mm
集装箱尺寸 Container size	20 尺标柜 /20GP
额定起重量 Lifting Capacity	35t
翻转角度 Tilting Angle	0-180°
举升高度 Lifting Height	800mm
横向移动距离 Horizontal moving distance	2900mm
纵向移动距离 Vertical moving distance	600mm
左右微调距离 Adjustment distance	500mm
电机功率 Motor power	15kw~18.5kw
电源 Power supply	380v /50Hz
油缸数量 Oil cylinders Qty	12
整机重量 Total Weight	15.4t
可按照客户需求定制 Can be customized according to the customer's requirements.	

# DOUBLE-LANE 90-DEGREE CONTAINER TILTING MACHINE

## 双车道单翻集装箱翻转机

双车道 90 度集装箱翻转机是一种高效的物料搬运设备，采用双车道设计，可同时处理多个集装箱。设备具备 90 度翻转功能，可将集装箱快速、精准地翻转至指定角度，适用于多种作业场景。该设备广泛应用于港口、物流中心、铁路货场等场所，具有高效、安全、稳定的特点。

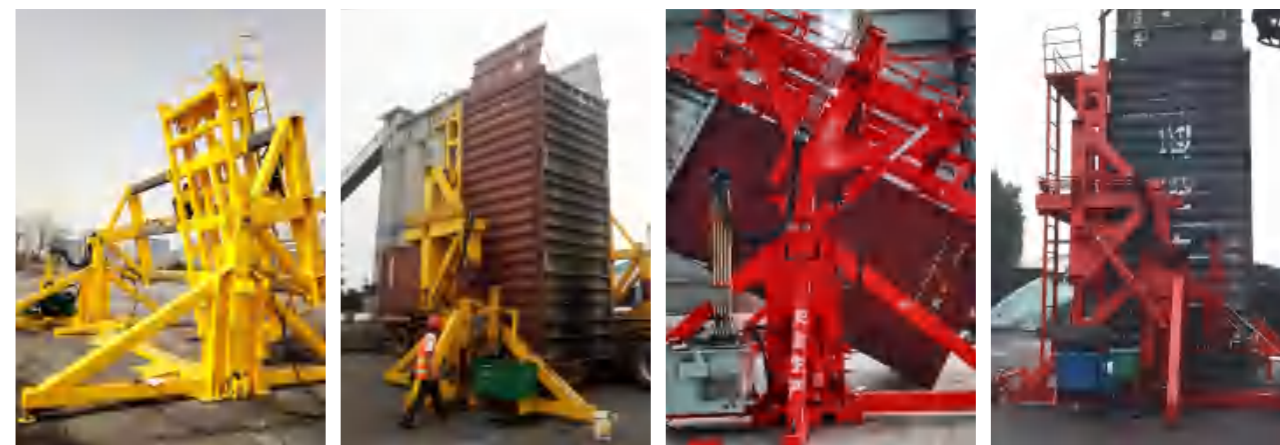
The double-lane 90-degree container tilting machine is an efficient material handling device designed with dual lanes to handle multiple containers simultaneously. It features a 90-degree tilting function, allowing containers to be quickly and accurately tilted to the desired angle, making it suitable for various operational scenarios. This equipment is widely used in ports, logistics centers, and railway freight yards, offering high efficiency, safety, and stability.



### ► 功能特点 / Functional Characteristics

<b>双车道设计</b> Dual-lane Design	可同时操作多个集装箱，提高效率，减少等待时间。 Simultaneously handles multiple containers for higher efficiency.
<b>90 度翻转</b> 90-degree Tilting	支持集装箱快速精准翻转，满足多种作业需求。 Allows precise and quick container tilting.
<b>高效操作</b> High Efficiency	适合高频次、大批量的物料搬运任务。 Ideal for frequent, large-scale operations.
<b>坚固结构</b> Robust Structure	采用高强度材料制造，确保设备稳定性和耐用性。 Made with high-strength materials for durability.
<b>灵活适配</b> Versatile	可处理不同类型和尺寸的集装箱，适用于多种工作场景。 Handles various container types and sizes.

### ► 应用场景 / Application Scenarios



### ► 产品参数 / Product Parameter

基本参数 Basic Parameters	
外形尺寸(长 × 宽 × 高) Dimensions(L*W*H)	9850*6050*6500mm
集装箱尺寸 Container size	20 尺标柜 /20GP
额定起重量 Lifting Capacity	35t
翻转角度 Tilting Angle	0-90°
举升高度 Lifting Height	800mm
横向移动距离 Horizontal moving distance	2900mm
纵向移动距离 Vertical moving distance	600mm
左右微调距离 Adjustment distance	500mm
电机功率 Motor power	15kw~18.5kw
电源 Power supply	380v /50Hz
油缸数量 Oil cylinders Qty	10
整机重量 Total Weight	15.2t
可按照客户需求定制 Can be customized according to the customer's requirements.	

# SINGLE-LANE 180-DEGREE CONTAINER TILTING MACHINE

## 单车道双翻集装箱翻转机

单车道 180 度集装箱翻转机是一种高效的物料搬运设备，采用单车道设计，占地空间小，适用于中小型作业场所。设备具备 180 度翻转功能，可实现集装箱的全角度翻转操作，满足多样化的作业需求。广泛应用于港口、物流中心、工厂等场所，具有高效、安全、稳定的特点。

The single-lane 180-degree container tilting machine is an efficient material handling device designed with a single lane, making it compact and suitable for small to medium-sized operations. It features a 180-degree tilting function, enabling full-angle container tilting to meet diverse operational needs. Widely used in ports, logistics centers, and factories, it offers high efficiency, safety, and stability.



### 功能特点 / Functional Characteristics

<b>单车道设计</b> Single-lane Design	结构紧凑，占地小，适用于中小型作业场所。 Compact, ideal for small to medium-sized operations.
<b>180 度翻转</b> 180-degree Tilting	支持集装箱全角度翻转，满足多样化需求。 Full-angle tilting to meet various needs.
<b>高效作业</b> High Efficiency	适合中小规模、高频次的物料搬运任务。 Suitable for medium-scale, frequent tasks.
<b>坚固结构</b> Durable Construction	采用高强度材料，确保设备稳定性和耐用性。 Built with high-strength materials for stability.
<b>灵活适配</b> Versatile	兼容多种类型和尺寸的集装箱，应用范围广泛。 Compatible with different container types and sizes.

### 应用场景 / Application Scenarios



### 产品参数 / Product Parameter

基本参数 Basic Parameters	
外形尺寸(长 × 宽 × 高) Dimensions(L*W*H)	5500*6050*6500mm
集装箱尺寸 Container size	20 尺标柜 /20GP
额定起重量 Lifting Capacity	35t
翻转角度 Tilting Angle	0-180°
举升高度 Lifting Height	800mm
翻转速度 Tilting Speed	2° /s
纵向移动距离 Vertical moving distance	600mm
左右微调距离 Adjustment distance	500mm
电机功率 Motor power	15kw~18.5kw
电源 Power supply	380v /50Hz
油缸数量 Oil cylinders Qty	11
整机重量 Total Weight	11.2t
可按照客户需求定制 Can be customized according to the customer's requirements.	

# SINGLE-LANE 90-DEGREE CONTAINER TILTING MACHINE

## 单车道单翻集装箱翻转机

单车道 90 度集装箱翻转机是一种高效的集装箱翻转设备，采用单车道设计，适用于空间有限或中小型作业场所。设备具备 90 度翻转功能，可快速、精准地完成集装箱的翻转操作，广泛应用于港口、物流中心、工厂及其他物料搬运场景，具有高效、安全、稳定的特点。

The single-lane 90-degree container tilting machine is an efficient container tilting device designed with a single lane, making it suitable for limited spaces or small to medium-sized operations. It features a 90-degree tilting function, enabling quick and precise container tilting. Widely used in ports, logistics centers, factories, and other material handling scenarios, it offers high efficiency, safety, and stability.



### ► 功能特点 / Functional Characteristics

<b>单车道设计</b> Single-lane Design	结构紧凑，占地面积小，适用于空间有限的场所。 Compact structure, small footprint, ideal for limited spaces.
<b>90 度翻转</b> 90-degree Tilting	可快速、精准地完成集装箱翻转操作。 Enables quick and precise container tilting.
<b>高效作业</b> High Efficiency	满足中小型作业需求，提高作业效率。 Designed for small to medium-scale operations, boosting productivity.
<b>坚固耐用</b> Durable Construction	采用高强度材料，确保设备在长期使用中的稳定性和可靠性。 Made with high-strength materials for long-term stability and reliability.
<b>操作灵活</b> Flexible Operation	适配多种尺寸和类型的集装箱，应用范围广泛。 Compatible with various container sizes and types, offering wide applicability.

### ► 应用场景 / Application Scenarios



### ► 产品参数 / Product Parameter

基本参数 Basic Parameters	
外形尺寸(长 × 宽 × 高) Dimensions(L*W*H)	5500*6050*6500mm
集装箱尺寸 Container size	20 尺标柜 /20GP
额定起重量 Lifting Capacity	35t
翻转角度 Tilting Angle	0-90°
举升高度 Lifting Height	800mm
翻转速度 Tilting Speed	2° /s
纵向移动距离 Vertical moving distance	600mm
左右微调距离 Adjustment distance	500mm
电机功率 Motor power	15kw~18.5kw
电源 Power supply	380v /50Hz
油缸数量 Oil cylinders Qty	9
整机重量 Total Weight	10t
可按照客户需求定制 Can be customized according to the customer's requirements.	

# FORKLIFT-MOUNTED FIXED CONTAINER TILTING MACHINE

## 叉车固定式集装箱翻转机

叉车固定式集装箱翻转机是一种专为集装箱翻转设计的设备，采用固定安装方式，与叉车配合使用。该设备能够将集装箱进行精确翻转，广泛应用于港口、仓库、物流中心等场所。其设计紧凑，占地小，操作简便，适用于需要快速、精准翻转集装箱的环境，具有高效、安全、稳定的特点。



The forklift-mounted fixed container tilting machine is a device designed for container tilting, installed in a fixed position and used in conjunction with a forklift. This equipment enables precise tilting of containers and is widely used in ports, warehouses, logistics centers, and other locations. Its compact design saves space, and it is easy to operate, making it ideal for environments that require fast and accurate container tilting. It offers high efficiency, safety, and stability.

### 功能特点 / Functional Characteristics

<b>与叉车配合使用</b> Forklift-compatible	通过与叉车连接，轻松实现集装箱翻转操作。 Easily integrates with forklifts for container tilting operations.
<b>固定安装</b> Fixed Installation	设备采用固定方式安装，结构稳定，操作简便。 Fixed installation ensures stable structure and easy operation.
<b>精准翻转</b> Precise Tilting	提供精确的集装箱翻转，适用于多种作业需求。 Provides accurate container tilting to meet various operational needs.
<b>高效作业</b> High Efficiency	适合需要快速翻转集装箱的环境，提高工作效率。 Ideal for environments requiring fast container tilting, improving work efficiency.
<b>紧凑设计</b> Compact Design	占地面积小，适用于空间有限的工作场所。 Space-saving design, suitable for areas with limited space.

### 应用场景 / Application Scenarios



### 产品参数 / Product Parameter

基本参数 Basic Parameters	
外形尺寸 (长 × 宽 × 高) Dimensions(L*W*H)	8350*3050*2850mm
集装箱尺寸 Container Size	20 尺标柜 /20GP
额定起重量 Lifting Capacity	35t
翻转角度 Tilting Angle	0-90°
电机功率 Motor power	15kw~18.5kw
电源 Power supply	380v /50Hz
油缸数量 Oil cylinders Qty	4
整机重量 Total Weight	5.5t
可按照客户需求定制 Can be customized according to the customer's requirements.	

# CRANE-MOUNTED FIXED CONTAINER TILTING MACHINE

## 吊车固定式集装箱翻转机

吊车固定式集装箱翻转机是一种通过吊车配合使用的固定式设备，专门用于翻转集装箱。该设备通常安装在固定位置，吊车通过吊钩或吊臂将集装箱提起并转移至翻转机上方，然后通过翻转机构将集装箱翻转到所需的角度的，用于货物卸载、清理或其他特殊操作。此设备广泛应用于港口、物流中心、仓库等场所，具有高效、安全和稳定的性能。

The crane-mounted fixed container tilting machine is a fixed device used in conjunction with a crane, specifically designed for tilting containers. Typically installed in a fixed position, the crane lifts the container using a hook or boom and transfers it over the tilting machine. The tilting mechanism then rotates the container to the required angle for unloading, cleaning, or other special operations. This equipment is widely used in ports, logistics centers, warehouses, and other locations, offering high efficiency, safety, and stability.



### ► 应用场景 / Application Scenarios



### ► 功能特点 / Functional Characteristics

<b>与吊车配合使用</b> Crane-compatible	设备与吊车结合，轻松实现集装箱翻转操作。 Works seamlessly with cranes for easy container tilting.
<b>固定安装</b> Fixed Installation	设备固定安装，确保稳定性和可靠性。 Ensures stability and reliability with fixed installation.
<b>精准翻转</b> Precise Tilting	通过翻转机构实现集装箱精准翻转，满足多种作业需求。 Provides accurate container tilting to meet various operational needs.
<b>高效作业</b> High Efficiency	适合高频次、大规模的集装箱翻转作业，提升工作效率。 Ideal for high-frequency, large-scale container tilting tasks, improving efficiency.
<b>紧凑设计</b> Compact Design	设备占地面积小，适用于空间有限的工作环境。 Space-saving design, suitable for environments with limited space.

### ► 产品参数 / Product Parameter

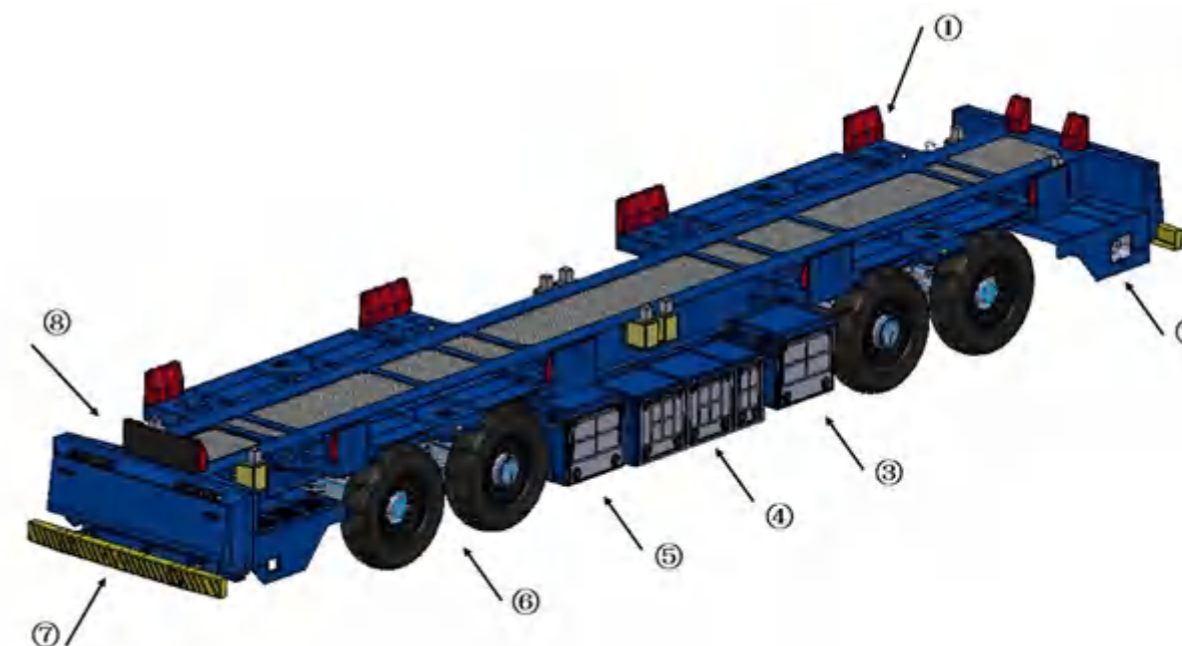
基本参数 Basic Parameters	
外形尺寸 (长 × 宽 × 高) Dimensions(L*W*H)	6950*3250*2700mm
集装箱尺寸 Container Size	20 尺标柜 /20GP
额定起重量 Lifting Capacity	35t
翻转角度 Tilting Angle	0-90°
电机功率 Motor power	15kw~18.5kw
电源 Power supply	380v /50Hz
油缸数量 Oil cylinders Qty	4
整机重量 Total Weight	4.85t
可按照客户需求定制 Can be customized according to the customer's requirements.	

# WIRE-CONTROLLED CHASSIS FLATBED VEHICLE - FOUR AXLES, 70 TONS

## 线控底盘平板车-四桥70吨

该线控底盘平板车采用8×4对称式底盘结构,具备卓越的地面适应性,可在非铺装路面稳定运行。最大离地间隙达450mm,确保复杂地形下的通过性。适用于运输20英尺重载集装箱×2(可定制),额定载重达70吨,满足重型物流需求。整车采用线控系统,实现精准操控,适用于港口、工地及工业运输等多种场景。

This wire-controlled chassis flatbed vehicle features an 8×4 symmetrical chassis structure, offering excellent ground adaptability and stable operation on unpaved roads. With a maximum ground clearance of 450mm, it ensures smooth passage through complex terrains. Designed for transporting two 20-foot heavy-duty containers (customizable), it has a rated load capacity of 70 tons, meeting heavy-duty logistics requirements. The entire vehicle is equipped with a wire-controlled system for precise control, making it suitable for ports, construction sites, and industrial transportation applications.



### ► 功能特点 / Functional Characteristics

多导航融合 Multi-navigation integration	无里程焦虑 No distance limitation	路网协同 Network coordination
矿用级别车桥 Mining-grade axle	气囊式悬架 Airbag suspension	高承载轮胎 High-load-bearing tires

### ► 产品配置 / Product Configuration

车架无尖棱无尖角 Chassis Frame (No sharp edges or corners)	自动充电受电器 (左/右) Automatic Charging Receptor (Left/Right)	冷却系统控制柜 Battery cooling system / Motor cooling system
动力电池组 Power Battery Pack	底盘控制柜 Chassis Control Cabinet	驱动系统 Drive System
机械缓冲装置 Mechanical Buffer Device	LED 功能显示屏 LED Functional Display Screen	

### ► 产品参数 / Product Parameters

项目 Item	规格 Specifications
外形尺寸 (长×宽×高) Overall Dimensions (L×W×H)	15.7m×2.7m×1.5m
最大载重量 Maximum Load Capacity	≥ 70t
整机自重 (含电池) Total Weight (including battery)	≤ 20t
单个最大轮压 Maximum Wheel Load (per wheel)	≤ 15t
满载最高行驶速度 Maximum Travel Speed (fully loaded)	≥ 30km / h
空载最高行驶速度 Maximum Travel Speed (unloaded)	≥ 35km / h
满载最大加速度 Maximum Acceleration/Deceleration (fully loaded)	≥ 0.40m/s <sup>2</sup>
空载最大加速度 Maximum Acceleration/Deceleration (unloaded)	≥ 0.9m/s <sup>2</sup>
最小转弯半径 (外侧) Minimum Turning Radius (outer side)	≤ 8.5m
最大爬坡度 (满载连续) Maximum Gradeability (fully loaded, continuous)	≥ 10%
制动距离 (紧急制动) Braking Distance (emergency brake)	
驾驶形式 Driving Mode	前后双向行驶、全八字、半八字、斜行 Bidirectional Travel (front and rear) /Full Figure-Eight/Half Figure-Eight/Diagonal Travel
集装箱运输能力 Container Transport Capacity	
车桥 Axle	8×4 (八轮四轴, 前后各两轴, 都带转向) (Eight wheels, four axles; two axles in front and two in the rear, all with steering)
悬架系统 Suspension System	欧式重载悬架 European-style heavy-duty suspension
制动形式 Braking Type	通风盘式液压制动系统 Ventilated disc hydraulic braking system
应急制动 Emergency Braking	主动停车控制系统 Active Parking Control System
转向系统 Steering System	电液液压转向系统 Electro-hydraulic steering system
轮胎 Tires	14.00-24 (胎压检测系统) (with tire pressure monitoring system)
驱动电机 Drive Motor	永磁同步电机, 驱动电机功率选配双电机驱动, 单个电机额定功率 ≥ 135kw, 过载能力 ≥ 2倍 Permanent magnet synchronous motor, dual motor drive optional, single motor rated power ≥ 135 kW, overload capacity ≥ 2 times
电池类型 Battery Type	动力型磷酸铁锂电池 Lithium iron phosphate (LFP) power battery
电池电量 Battery Capacity	≥ 282 kWh
动力电池续航能力 (连续作业里程) (电池 SOC 从 95% 降至 20%) Power Battery Endurance (continuous operation range) (battery SOC from 95% to 20%)	≥ 100km
充电接口 Charging Port	手动充电 (标配)、自动充电 (选配)、自动换电 (选配) Manual Charging (standard)/ Automatic Charging (optional)/Automatic Battery Swapping (optional)

# DIESEL CONTAINER STRADDLE CARRIER

## 柴油版集装箱跨运车

柴油版集装箱跨运车是一种以柴油发动机为动力的高性能搬运设备，采用门形车架和液压控制吊具，可精准抓取、提升和放置集装箱，适用于卡车、铁路平板车或地面操作。配备高强度橡胶轮胎，适应铺装路面，无需固定轨道，机动性优异。相比传统龙门吊，作业范围更广，灵活性更强，效率更高。设备设计稳健，动力强劲，适合长时间高负荷作业。



The diesel container straddle carrier is a high-performance handling machine powered by a diesel engine. It features a gantry frame and hydraulically controlled spreaders for precise container lifting, placement, and retrieval, suitable for trucks, rail flatcars, or ground operations. Equipped with high-strength rubber tires, it operates on paved surfaces without the need for fixed tracks, offering excellent mobility. Compared to traditional gantry cranes, it provides a wider operational range, greater flexibility, and higher efficiency. With a robust design and powerful diesel engine, it is ideal for long-duration, high-load operations.

### ► 功能特点 / Functional Characteristics

<b>核心可靠</b> Reliable	高质量部件，低故障率，长寿命，确保稳定作业。 High-quality parts, low failure rate, long lifespan.
<b>先进控制</b> Advanced Control	精准高效，操作简便。 Precise, efficient, and easy to operate.
<b>灵活行驶</b> Flexible	多种转向模式，适应不同场景，可通过驾驶室或遥控器操作。 Multi-steering modes, cab or remote operation.
<b>节省空间</b> Space-Saving	紧凑设计，小转弯半径，适应有限空间。 Compact design, small turning radius.
<b>节约成本</b> Cost-Effective	无需固定轨道，仅需压实路面，降低建设和维护成本。 No fixed tracks, works on compacted surfaces.

### ► 应用场景 / Application Scenarios



### ► 产品参数 / Product Parameter

基本参数 Basic Parameters				
起重量 Capacity	35T	35T	60T	80T
外形尺寸(长×宽×高) Dimensions(L*W*H)	9100*5100*5450mm	7100*5100*6050mm	12000*5600*6400mm	12000*5900*6400mm
有效内宽 Effective inner width	3200mm		3700mm	
轴距 Wheel Base	6000mm		6500mm	7500mm
二级举升高度 Duplex Lifting Height	无 N/A	1500mm	1700mm	
最小离地间隙 Min.Ground Clearance	240mm		300mm	
轮胎数量 Tire Qty	4		8	
整机重量(不含吊具) Dead weight (not contain spreader)	约 18T	约 20T	约 35T	约 45T
发动机 Engine	康明斯 97KW/ 潍柴 103KW Cummins/Weichai		潍柴 129KW Weichai	潍柴 176KW Weichai
行走泵(闭式行走) Travel Pump (Closed)	海德克 / 林德 / 丹佛斯 Hytek/Linde/Danfoss		林德 / 丹佛斯 Linde/Danfoss	
行走速度 Travel Speed	3km-5km/h			
转弯半径 Turning Radius	7000mm		9000mm	12000mm
爬坡能力(空载/满载) Empty-load/full-load Gradeability	5%/3%			
轮胎 Tires	实心轮胎 Solid Tire			
起吊工具 Lifting Tools	链条 + 锁头 Chain+Lock	自动吊具 Automatic Spreader	大件吊具 Oversized Load Spreader	

# ELECTRIC CONTAINER STRADDLE CARRIER

## 电动版集装箱跨运车

电动版集装箱跨运车是一种高效的电动集装箱搬运设备，采用门形车架设计，可跨骑作业。配备液压控制的专业吊具，可精准抓取、提升和放置集装箱，适用于卡车、铁路平板车或地面操作。橡胶轮胎底盘无需固定轨道，机动性强，可在堆场、仓库等场地灵活移动，较传统龙门吊更具灵活性和适应性。

The electric container straddle carrier is a highly efficient container handling device powered by electricity. It features a gantry-style frame that operates by straddling containers. Equipped with hydraulically controlled specialized spreaders, it enables precise container lifting, placement, and retrieval from trucks, rail flatcars, or the ground. The rubber-tire chassis eliminates the need for fixed tracks, offering excellent mobility and flexibility for use in yards, warehouses, and similar locations, surpassing traditional gantry cranes in adaptability.



### ► 应用场景 / Application Scenarios



### ► 功能特点 / Functional Characteristics

<b>零排放</b> Zero Emissions	使用电池作为动力源，实现了作业过程中的零排放。 Battery-powered, with no operational emissions.
<b>低噪音</b> Low Noise	运行时噪音更小，减少了对人员听觉的污染。 Quieter operation, reducing noise pollution.
<b>使用成本低</b> Cost-Efficient	电力成本低于燃油，电动版使用成本更低。 Lower electricity costs compared to fuel.
<b>维护要求低</b> Low Maintenance	电池和电机维护简单，可以减少停机时间，进一步提高经济效益。 Simple upkeep minimizes downtime.
<b>振动小</b> Minimal Vibration	在运行过程中振动小，为操作人员提供了更加舒适的工作环境。 Ensures a comfortable working environment.
<b>无柴油异味</b> Odor-Free	没有刺鼻的燃油味，改善了操作人员的工作环境。 No diesel smell, improving workplace conditions.

### ► 产品参数 / Product Parameter

基本参数 Basic Parameters			
起重量 Capacity	35T	60T	80T
外形尺寸 (长 × 宽 × 高) Dimensions (L*W*H)	7100*5100*6050mm	12000*5600*6400mm	12000*5900*6400mm
有效内宽 Effective inner width	3200mm	3700mm	
轴距 Wheel Base	6000mm	6500mm	7500mm
二级举升高度 Duplex Lifting Height	1550mm	1700mm	
最小离地间隙 Min. Ground Clearance	240mm	300mm	
轮胎数量 Tire Qty	4		8
整机重量 (不含吊具) Dead weight (not contain spreader)	约 20T	约 35T	约 43T
永磁同步电动机 Permanent Magnet Synchronous Motor	80KW	90KW	120KW
锂电池 Lithium Battery	磷酸铁锂 Lithium Iron Phosphate		
行走泵 (闭式行走) Travel Pump (Closed)	林德 / 丹佛斯 Linde/Danfoss		
行走速度 Travel Speed	5km-7km/h		3km-5km/h
转弯半径 Turning Radius	7000mm	10000mm	12000mm
爬坡能力 (空载 / 满载) Empty -load/full-load Gradeability	5%/3%		
轮胎 Tires	实心轮胎 Solid Tires		
起吊工具 Lifting Tools	自动吊具 Automatic Spreader	大件吊具 Oversized Load Spreader	