引领科技革命　拥抱智能时代

Leading the Technology Revolution
and Embracing the Intelligent Era

Beijing Cyberrobot Technology Co, LTD

北京赛佰特科技有限公司

Industrial robotics and intelligent logistics system solution supplier

工业机器人及智能物流系统解决方案供应商

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QR code for Company' s official website
公司官网二维码

QR code for official WeChat account
公众号二维码



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BRAND
品牌篇





Selected as an innovative benchmark enterprise by the CCTV program Focus Report

登陆央视《焦点访谈》创新标杆企业

Selected as one of the first 15 companies that meet the Industrial Robot Industry Standard Conditions by the Ministry of Industry and Information Technology

入选工信部首批15家符合《工业机器人行业规范条件》企业名单

符合《工业机器人行业规范条件》的企业名单（第一批）

序号	企业名称	类　型
1	北京赛佰特科技有限公司	工业机器人本体企业
2	机科发展科技股份有限公司	工业机器人本体企业 工业机器人集成应用企业
3	南京埃斯顿机器人工程有限公司	工业机器人本体企业
4	埃夫特智能装备股份有限公司	工业机器人本体企业
5	广州数控设备有限公司	工业机器人本体企业
6	上海新时达机器人有限公司	工业机器人本体企业
7	青岛诺力达智能科技有限公司	工业机器人本体企业
8	南京熊猫电子装备有限公司	工业机器人本体企业 工业机器人集成应用企业
9	沈阳新松机器人自动化股份有限公司	工业机器人本体企业 工业机器人集成应用企业
10	昆山佰奥智能装备股份有限公司	工业机器人集成应用企业
11	江苏长虹智能装备集团有限公司	工业机器人集成应用企业
12	安徽巨一自动化装备有限公司	工业机器人集成应用企业
13	巨轮智能装备股份有限公司	工业机器人集成应用企业
14	青岛宝佳自动化设备有限公司	工业机器人集成应用企业
15	浙江万丰科技开发股份有限公司	工业机器人集成应用企业

COMPANY PROFILE
企业简介

Beijing Cyberrobot Technology Co, LTD was established in 2012, which was the first year of the development of robot palletizing technology in China.

The registered address of the company is in Fengtai District, Beijing. It is a high-tech enterprise supported by Zhongguancun Science Park, which has subsidiaries, branches and offices in Tianjin, Jiangsu, Ningbo, Shandong and other places.

The company has a number of independently developed core patents related to robot palletizing, and has passed the first batch of “China Robot Certification (CR)”. It is the first batch of enterprises in China to pass EU CE certification and safety certification, and has passed ISO9001 quality system certification. At the same time, it is the drafting unit of the national standard GB/T 34038-2017 General technical specifications for robot palletizer and the industry standard JB/T 5063-2014 General technical specification for articulated packaging robot.

As a professional automatic robot palletizer system integrator, Beijing Cyberrobot Technology Co, LTD provides users with intelligent warehousing solutions and information system integration services in various automation fields.

北京赛佰特科技有限公司成立于2012年，正值国内机器人码垛技术发展的元年。

公司注册地位于北京市丰台区，属于中关村高科技园区重点扶持的高新技术企业，在天津、江苏、宁波、山东等多地拥有子公司、分公司及办事处。

公司拥有多项自主研发的机器人码垛相关核心专利，并首批通过“中国机器人认证（CR）”，是国内第一批通过欧盟CE认证和安全认证的企业，通过了ISO9001质量体系认证。同时是国家标准 GB/T 34038-2017《码垛机器人通用技术条件》和行业标准 JB/T 5063—2014《搬运机器人 通用技术标准》起草单位。

北京赛佰特科技有限公司作为专业的自动化码垛机器人系统集成商，为用户提供智能化仓储解决方案和多种自动化领域的信息系统集成服务。

CORPORATE CULTURE
企业文化

An idea/一个理念

Fully implement the core concept of “customer-centric”
全面贯彻"以客户为中心"的核心理念

Two objectives/两个实现

Firmly realize R&D breakthrough, and resolutely improve quality and efficiency by a large margin
坚决实现研发突破，坚决大幅提质增效

Three focuses/三个聚焦

Focus on core industries, core customers and core products
聚焦核心行业、核心客户、核心产品

Four measures/四个措施

Innovate mechanism, accelerate transformation, focus on execution capability and emphasize performance orientation
创新机制、加快转型、看中执行能力、强调业绩导向

Goal/奋斗目标

Struggle to double performance
为实现业绩翻番而奋斗

ENTERPRISE QUALIFICATION
企业资质

With a number of core patent technologies such as robot palletizer, intelligent stereo library, etc., Cyberrobot has obtained more than 10 invention patents, more than 40 utility models and more than 60 software copyrights, and is applying for more than 100 patents.

As a member of National Technical Committee of Automation System and Integration Standardization, Cyberrobot is the unit for formulating general technical standards of handling robot and the supporting unit of “Intelligent Logistics Robot and Automation System Beijing International Science and Technology Cooperation Base”.

The company has successively passed ISO9001 quality management system certification, EU CE certification, China's first batch of industrial robot product safety certification (CR). The company gives full play to the resource advantages of production, education and research, and undertakes the research work of national innovation scientific research projects for many times.

赛佰特拥有码垛机器人、智能立体库等多项核心专利技术，获得发明专利10余项、实用新型40余项、软件著作权60余项，在申请各类专利100余项。

赛佰特是全国自动化系统与集成标准化技术委员会成员，搬运机器人通用技术标准制定单位，“智能物流机器人及自动化系统北京市国际科技合作基地”依托单位。

公司先后通过了ISO9001质量管理体系认证、欧盟CE认证、中国首批工业机器人产品安全认证（CR认证）。公司充分发挥产学研用资源优势，多次承担国家创新科研项目研究工作。



CR Product Certification
CR产品认证证书



CE Certification
CE认证证书



ISO9001 Quality Management System Certificate
ISO9001质量体系认证证书



Certificate of Invention Patent
发明专利证书



Information System Integration and Service Qualification
信息系统集成及服务资质



Certificate of High-tech Enterprise
高薪技术企业证书



China Machinery Industry Science and Technology Award
中国机械工业科学技术奖



Excellent Technology in China
中国好技术



Specialization and Innovation
专精特新



Zhongguancun High-tech Enterprise
中关村高新技术企业

RESEARCH
研发篇

Relying on the solid scientific research strength of key universities at home and abroad, the company has gathered a number of famous experts and outstanding talents in the field of industrial robot and Internet of Things, including 16 doctors and 45 masters. The proportion of senior talents with bachelor degree or above is up to 85%. In-depth cooperation with well-known universities at home and abroad, is the company's important strength of product research and development, and scientific and technological innovation.

赛佰特公司依托国内外重点高校雄厚的科研实力，汇聚了一批工业机器人及物联网领域的著名专家和优秀人才，其中博士16人、硕士45人，本科以上学历的高级人才比例高达85%。与国内外知名高校的深度合作，是公司产品研发和科技创新的重要力量。



● China Agricultural University/中国农业大学

As one of the first batch of enterprises supported by the Alumni Foundation of China Agricultural University, Cyberrobot and China Agricultural University have reached a win-win situation of cooperation, providing an effective extension from talent training, scientific research to social services, giving full play to the scientific and technological advantages of talents and providing all-round services for economic and social development. Deep integration of industry, academia, and research has been established between Cyberrobot and the university, aiming to enhance the conversion of scientific and technological achievements. Both the university and the company have further strengthened collaborative exchanges and deepened complementary advantages in their cooperation.

作为中国农业大学校友基金会首批资金扶持企业，北京赛佰特与中国农业大学已达成合作共赢的局面，为人才培养、科学研究到社会服务的有效延伸，充分发挥人才科技优势，为经济社会发展提供全方位服务；与赛佰特有限公司开展深度产学研融合，提高科技成果转化，校企双方进一步加强合作交流，深化优势互补。

● Lightweight Research Institute of China Academy of Machinery Science and Technology Group/中国机械科学研究总院轻量化研究院



China Academy of Machinery Science and Technology Group is the superior unit of intelligent manufacturing reliability research, the supporting unit of national logistics and warehousing automation technology, and the famous intelligent logistics and storage system integrator in China. The company has carried out comprehensive cooperation with China Academy of Machinery Science and Technology Group in operation system.

中国机械科学研究总院集团有限公司是智能制造可靠性研究的优势单位，是国家物流仓储自动化技术的依托单位、国内著名的智能物流与仓储系统集成商，公司在运行系统中与中国机械科学研究总院集团开展了全面合作。



● Beihang University/北京航空航天大学

Beihang University is an advantageous unit in domestic robot research and development. The company has carried out comprehensive cooperation with Beihang University in the aspects of structure design of handling robot and design of controller software and hardware system.

北京航空航天大学是国内机器人研制开发的优势单位，公司在搬运机器人结构设计、 控制器软硬件系统设计等方面与北航开展了全面合作。

● The University of Tennessee/美国田纳西大学



The Aerospace Precision Design program at the University of Tennessee, USA has gained high recognition across the United States and around the world. Currently, the company is collaborating with the University of Tennessee on research related to precision reduction gears and servo motors for handling robots, in order to further enhance the performance, reduce the costs, and improve the market competitiveness of the handling robot products.

美国田纳西大学的航空精密设计专业方向，在全美乃至世界都具有较高的知名度。公司目前正在与田纳西大学在搬运机器人精密减速机、伺服电机等方面开展合作研究，以进一步提升搬运机器人产品性能，降低产品成本，提高产品市场竞争力。

Member of Beijing International Science and Technology Cooperation Base/北京市国际科技合作基地成员

In March 2014, Cyberrobot was selected as a new member of the third batch of the Beijing International Science and Technology Cooperation Base, serving as the supporting unit for the “Intelligent Logistics Robot and Automation System Beijing International Science and Technology Cooperation Base”. This recognition was achieved through the company's application, industry recommendations, expert evaluations, and approval from the Beijing Municipal Science and Technology Commission.

经由企业申报、行业推荐、专家评审、北京市科技委员会认定，2014年3月赛佰特作为“智能物流机器人及自动化系统北京市国际科技合作基地”依托单位，成为第三批北京市国际科技合作基地新成员。

PRODUCT
产品篇

Providing one-stop personalized solutions for intelligent manufacturing
提供智能制造一站式个性化解决方案

The main core of the company includes such products and service systems as “industrial robot palletizer with independent intellectual property rights and automatic logistics solution, industrial automation packaging and palletizing solution, intelligent storage solution, measurement and control application solution of Internet of Things, practical training solution of Internet of Things and industrial automation, educational robot and innovative teaching solution of Internet of Things”.

公司主营核心包括“具有自主知识产权的工业码垛机器人及自动化物流解决方案、工业自动化包装及码垛解决方案、智能仓储解决方案、物联网测控应用解决方案、物联网与工业自动化实训解决方案、教育机器人及物联网创新教学解决方案”等产品和服务体系。

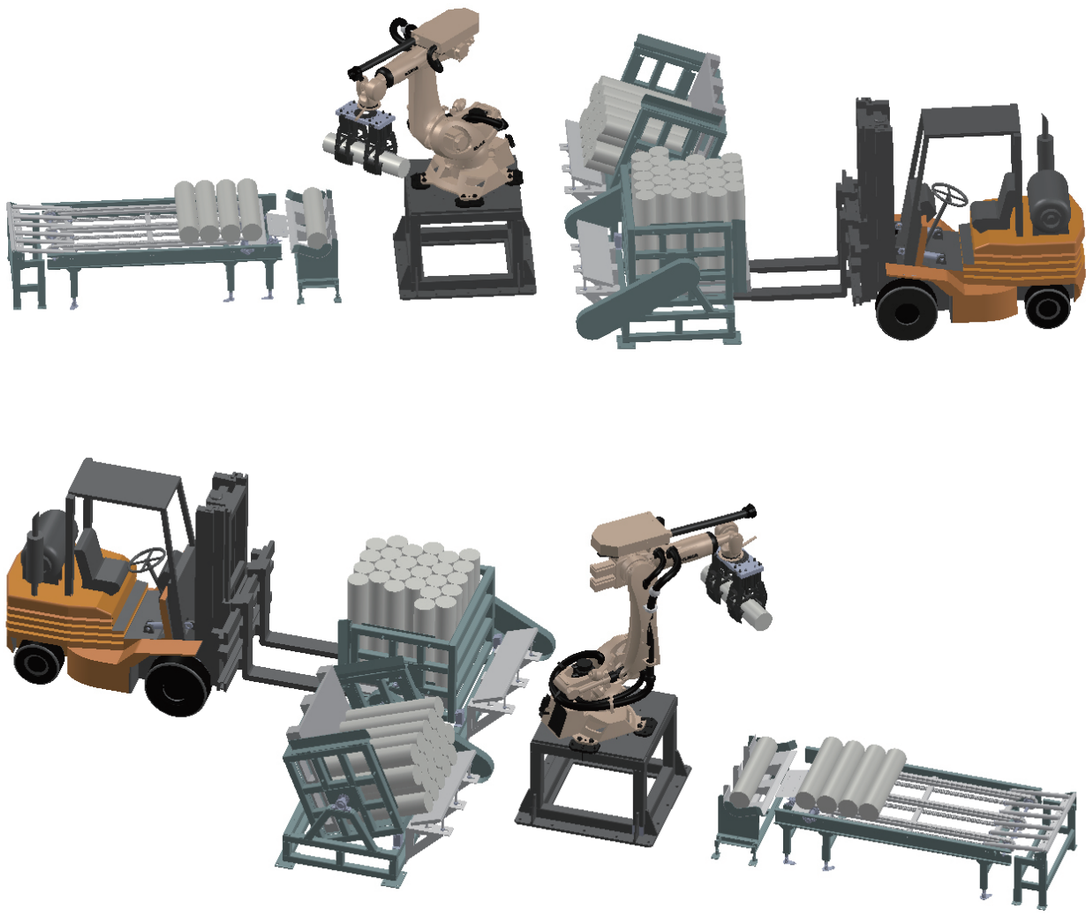


AUTOMATIC ROBOT PALLETIZING SOLUTION
自动化机器人码垛解决方案

Cylindrical Product Robot Palletizing Solution
圆柱产品机器人码垛解决方案

It consists of process production equipment, horizontal conveying, climbing conveying, separating mechanism, robot palletizer, special gripper, automatic pallet warehouse system, rotating machine, stable palletizing machine, etc.

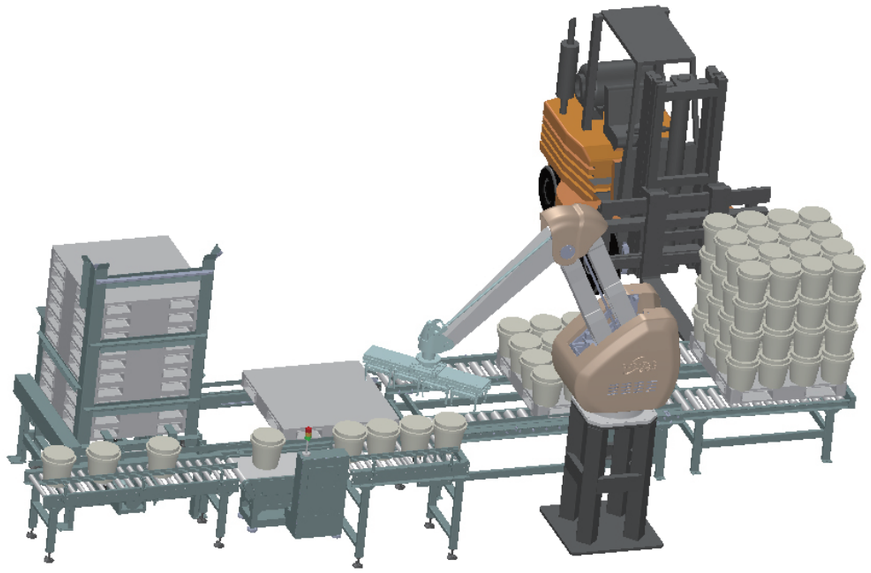
由工艺生产设备、水平输送、爬坡输送、分离机构、码垛机器人、特种抓手、自动托盘库系统、旋转机、平稳码垛机等组成。



Single-line single-palle-drum: robot palletizing solution for drum products/单线单垛-桶：桶类产品机器人码垛解决方案

It consists of filling equipment, various conveyors, automatic weighing machine, rejection machine, conveyor to be palletized, robot palletizer, mechanical gripper or vacuum gripper, pallet warehouse system, etc.

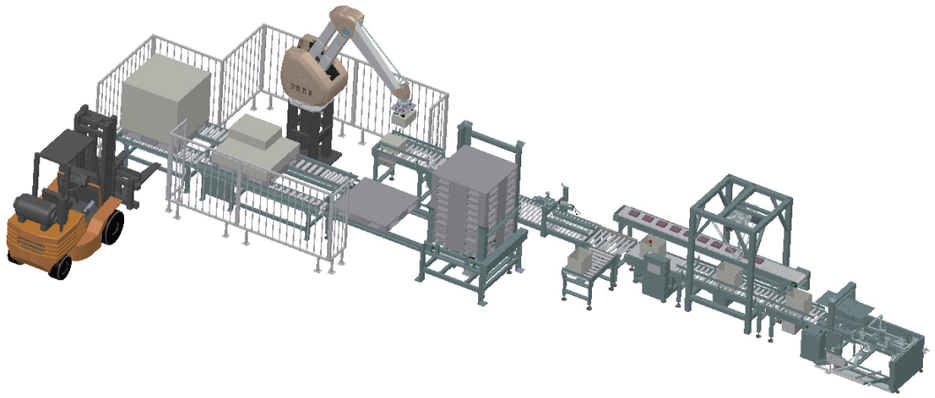
由灌装设备、各种输送机/、自动称重机、剔除机、待码输送机、码垛机器人、机械抓手或真空抓手、托盘库系统等组成。



Single-line single-pallet-box: robot palletizing solution for boxed products/单线单垛-箱：箱类机器人码垛解决方案

It is composed of unpacking machine, bagging machine, boxing machine (sorting robot, coordinate robot, side pushing mechanism, packaging mechanism, etc.), box sealing machine, packing machine, various ascending and descending conveyors, metal detector, automatic weighing machine, rejection machine, robot palletizer, box-type gripper and automatic pallet warehouse system.

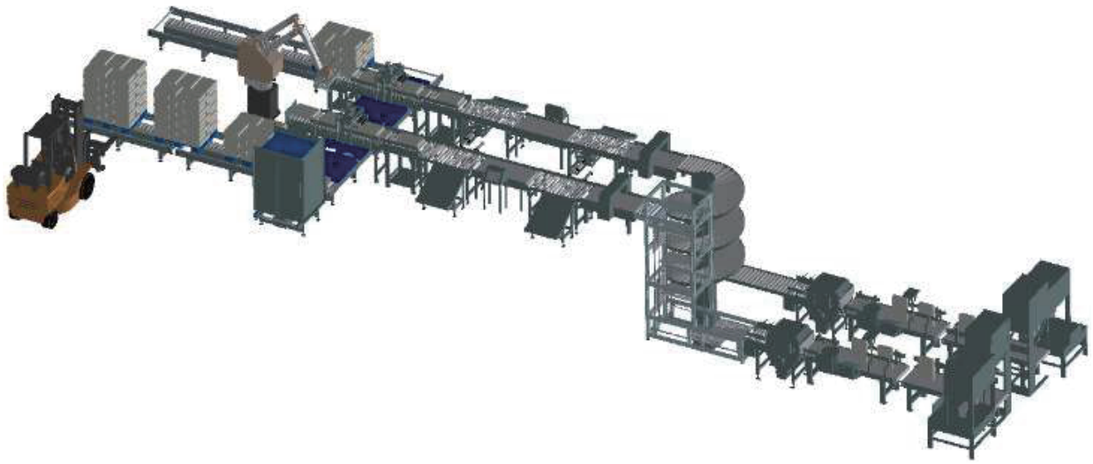
由开箱机、套袋机、装箱机（分拣机器人、坐标机器人、侧推机构、套装机构等）、封箱机、打包机、各种上升下降输送机、金属探测机、自动称重机、剔除机、码垛机器人、箱式抓手、自动托盘库系统组成。



Double-line double-pallet- bag: palletizing solution for bagged products/双线双垛-袋：袋装产品码垛解决方案

It is composed of filling equipment, bag reversing machine, bag clearing machine, various ascending and descending conveyors, metal detection machine, automatic weighing machine, rejection machine, shaping machine, robot palletizer, bag-type gripper and automatic pallet warehouse system.

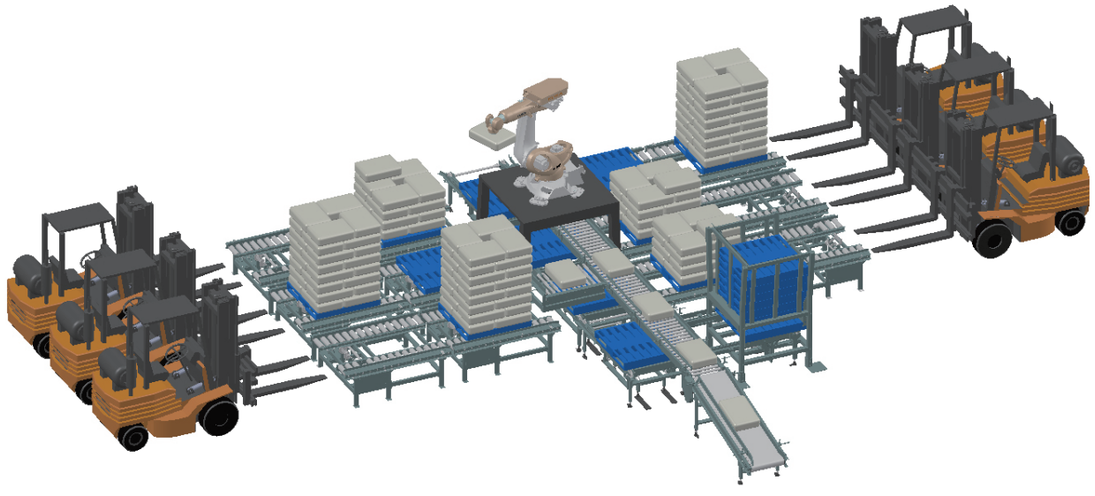
由灌装设备、倒包机、清包机、各种上升下降输送机、金属探测机、自动称重机、剔除机、整形机、码垛机器人、袋式抓手、自动托盘库系统组成。



Single-line six-palle palletizing solution/单线六垛的码垛解决方案

It is primarily used for simultaneous production and simultaneous sorting and palletizing requirements of 1 to 6 different products. It is composed of light-load conveying line, identification system, shunting conveyor, robot palletizer and gripper, shared pallet bin, pallet conveying and shunting system, etc.

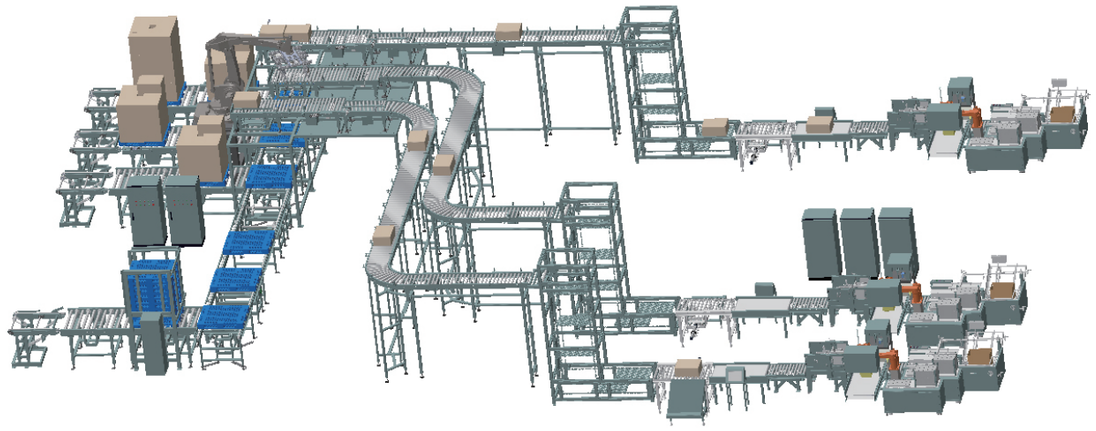
主要用于1~6种产品的同时生产，并同时分类码垛的需求。由轻载输送线、识别系统、分流输送机、码垛机器人及抓手、共享托盘仓、托盘输送及分流系统等设备组成。

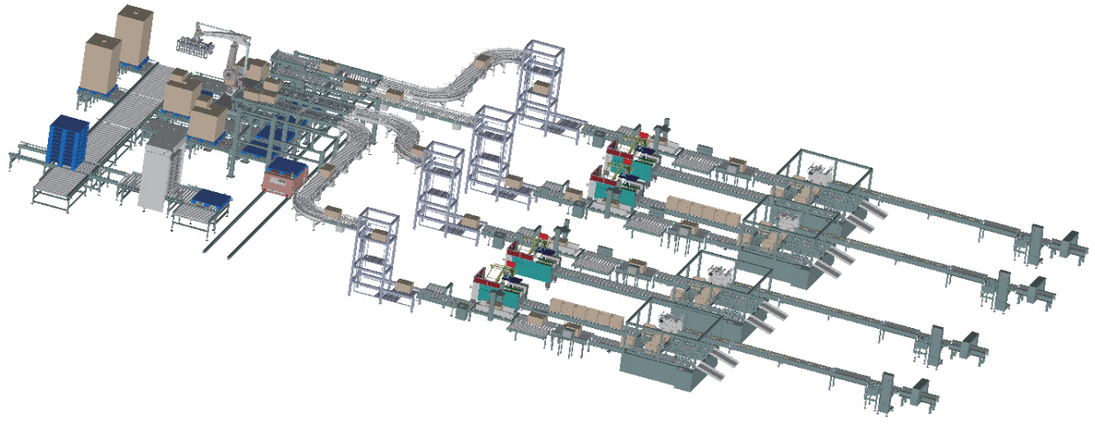


Three-line, three-palle and four-line, four-palle-box: palletizing solution for boxed products
三线三垛和四线四垛-箱：箱装产品码垛解决方案

It is composed of unpacking machine, bagging machine, boxing machine (sorting robot, coordinate robot, side pushing mechanism, packaging mechanism, etc.), box sealing machine, packing machine, various ascending and descending conveyors, metal detector, automatic weighing machine, rejection machine, robot palletizer, box-type gripper and automatic pallet warehouse system.

由开箱机、套袋机、装箱机（分拣机器人、坐标机器人、侧推机构、套装机构等）、封箱机、打包机、各种上升下降输送机、金属探测机、自动称重机、剔除机、码垛机器人、箱式抓手、自动托盘库系统组成。





INTELLIGENT STORAGE SOLUTION
智能仓储解决方案

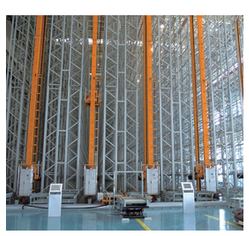


The Automated Storage and Retrieval System (AR/RS) is composed of high-rising storage rack system, stacker system, conveyor system, information recognition system, computer control system, communication system, monitoring system and management system.

自动化立体仓库系统(AR/RS)是由立体货架系统、堆垛机系统、输送机系统、信息识别系统、计算机控制系统、通信系统、监控系统、管理系统等组成。

Intelligent Storage System/智能仓储系统

AR/RS 自动化立体库	Logistics Conveying System 物流输送系统	Lifting Equipment 提升设备	Sorting System 分拣系统	Peripheral Logistics Equipment 周边物流设备
Stacker system/堆垛机系统	Chain conveyor/链式输送机	C-type hoist/C 型提升机	DPS picking system/DPS拣选系统	Steel pallet/钢制托盘
High-rising storage rack system 立库货架系统	Roller conveyor/辊道输送机	Z-type hoist/Z 型提升机	High speed sorting system 高速分拣系统	Storage cage/仓储笼
Store end conveying system 库端输送系统	Belt conveyor/皮带输送机	E-type hoist/E 型提升机	Sliding shoe sorter/滑靴式分拣机	All kinds of pallet racking systems 各类平库货架
Electrical control system 电气控制系统	Jacking and transferring machine 顶升移载机	Continuous hoist/连续式提升机	Cross-belt sorter/交叉带分拣机	Various types of forklifts 各类叉车
Management software WMS 管理软件WMS	AGV / RGV	Reciprocating hoist/往返式提升机	Steering wheel sorter/转向轮分拣机	Robots/机器人
	Other conveying equipment\ 其它输送设备		Other sorters/其它分拣机t	Other peripheral equipment 其它周边设备





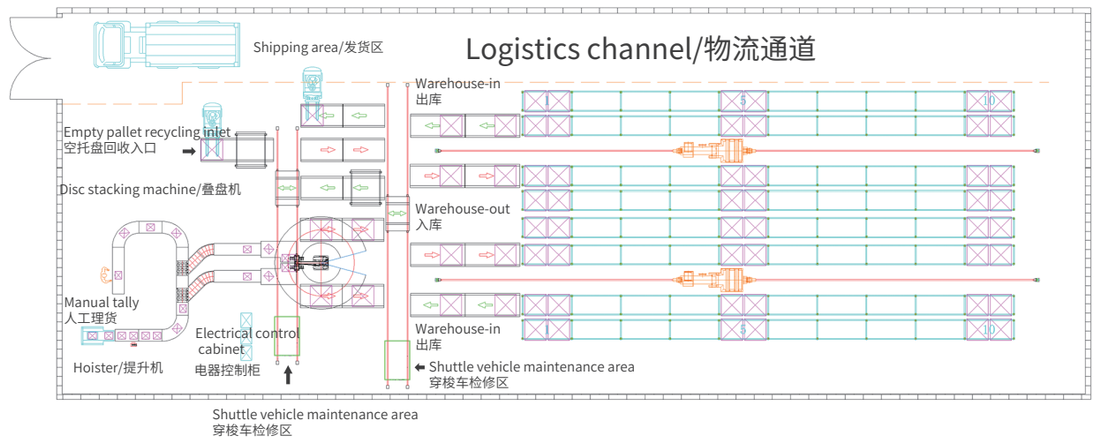




Warehousing Planning/仓储规划

According to the maximum storage capacity requirements of the storage system and the demand of FIFO or LIFO, the warehouse layout and floor area shall be reasonably planned in combination with the storage equipment such as rack, tunnel stacker, primary and secondary shuttle vehicle system and conveyor system.

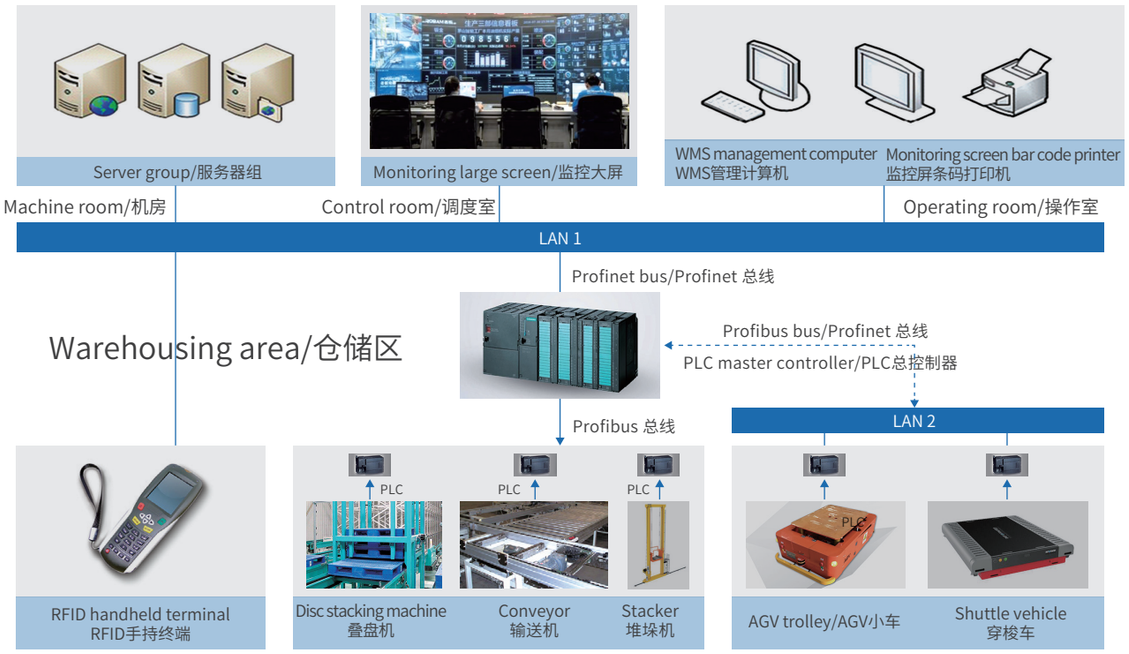
根据仓储系统对库存的最大容量要求及先进先出(FIFO)或后进先出(LIFO)的需求，结合货架、巷道式堆垛机、子母穿梭车系统、输送机系统等仓储设备来合理规划库房布局及占地面积。



Information System Structure Diagram/信息系统结构图

A WMS management system is used for issuing a dispatching instruction, and the WCS system is used for sending the dispatching instruction to each storage equipment PLC to drive each stand-alone equipment to complete the specified action so as to realize the warehouse-in/out requirement of the intelligent storage equipment.

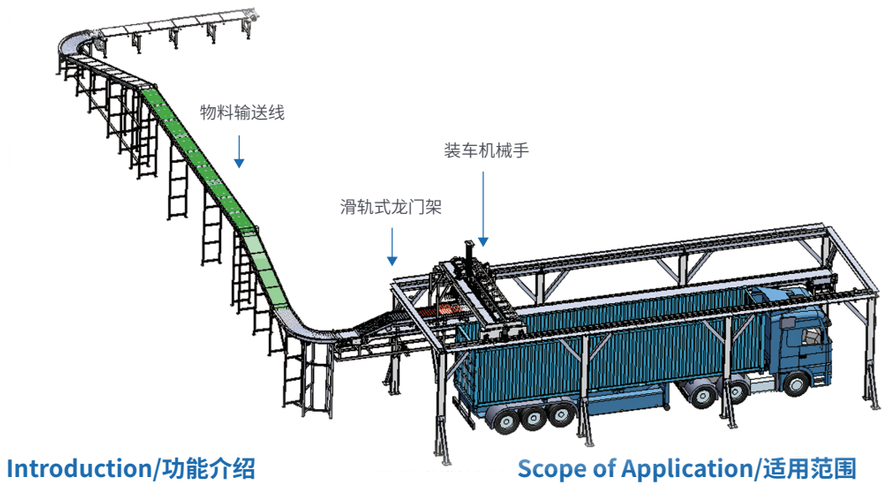
通过WMS管理系统下发调度指令，经由WCS系统将调度指令下发至各仓储设备PLC，驱动各单机设备完成指定动作，以实现智能仓储设备的出入库需求。



INTELLIGENT LOADING SYSTEM
智能装车系统

Intelligent loading system is an innovative product launched by our company on the basis of absorbing foreign advanced technology and meeting the requirements of automatic palletizing and loading of feed, food, building materials, chemicals, grain and oil and other production enterprises. The system adopts full-automatic equipment and mainly consists of an automatic conveying system, a platform to be palletized, a special gripper and an automatic positioning system.

智能装车系统是我公司在吸收国外先进技术的基础上，面向广大饲料、食品、建材、化工、粮油等生产企业的自动化码垛装车需求推出的创新产品。该系统采用全自动化设备，主要由自动输送系统、待码平台、特制大小抓手和自动定位系统组成。



Function Introduction/功能介绍

The intelligent loading system can realize automatic operations such as conveying, lifting, sorting and flattening, positioning, loading of bags according to the field matching and packaging requirements of customers, so as to save labor cost and improve production efficiency.

智能装车系统可根据客户现场匹配及包装要求，实现袋装的输送、提升、整理压平、定位、装车等自动化操作，以节约用工成本，提高生产效率。

Technical Features/技术特点

The working process of the whole system is automatically controlled by intelligent program control so as to realize continuous operation;
The special large and small grippers can enter the carriage for stacking products;
Compact structure, stable operation and convenient operation;
Designed and customized according to customer site matching and packaging requirements.

通过智能程序控制对整个系统工作过程进行自动控制，
可实现连续运转；
特制大小抓手进入车厢内码放产品；
结构紧凑、运行平稳、操作方便；
根据客户现场匹配和包装要求设计、定制。

Scope of Application/适用范围

It is suitable for the automatic palletizing and loading of various bagged and boxed materials. Widely used in industries such as feed, food, building materials, chemicals, grain and oil, dairy products, and logistics, it automates the entire process from packaging and palletizing to loading. ·
适用于各种袋装、箱装物料自动化码垛装车。广泛应用于饲料、食品、建材、化工、粮油、乳制品、物流等行业的产品，包装码垛直至装车的全过程自动化。

Equipment Parameters/设备参数

Height of loading and positioning table: 2700~4000mm (on site)
Packing bag specification: 25~50Kg
Loading efficiency: 800~1600 bags/hour
Conveying speed: 30~70M/min
Loader power: 25KW (depending on the on-site vehicle model)
Power supply voltage: 380v (three-phase)
Positioning mode: automatic alignment

装车定位台面高度：2700~4000mm（现场）
包装袋规格：25~50Kg
装车效率：800~1600包/小时
输送速度：30~70M/min
装车机功率：25KW（现场车型而定）
电源电压：380v（三相）
定位方式：自动对位

ROBOT PALLETIZER
码垛机器人

CBT-90　CBT-200

The Cyberrobot robot palletizer has the core technology of fully independent intellectual property rights. The controller system is all independently developed. It adopts advanced embedded controller and real-time operating system technical architecture, and has high-speed Ethernet communication interface and robot shock suppression function under high-speed and heavy-load working conditions.
The handling capacity and various technical indexes of Cyberrobot robot palletizer are at the international advanced level, which has strong market competitiveness.

赛佰特码垛机器人拥有完全自主知识产权的核心技术，控制器系统全部为自主研发，采用先进的嵌入式控制器和实时操作系统技术架构，具有高速以太网通讯接口和高速重载工况下的机器人抑震功能。
赛佰特码垛机器人搬运能力及各项技术指标都处于国际先进水平，拥有很强的市场竞争力。



Mechanical Structure/机械结构	Series-Parallel Multi-Joint Robot/串并联多关节机器人	
Product model/产品型号	CBT-90	CBT-200
Load weight/负载重量	90KG	200KG
Work beat/作业节拍	1200c/h	1400c/h
Action axis/动作轴	Standard four-axis (extensible to five-axis)/标准四轴（可拓展五轴）	
Robot weight (with standard base)机器人重量（含标准底座）	1000KG	1200KG
Power supply/电源（380V3PH 50HZ）	3.5KW	5.5KW
Compressed air/压缩空气	0.5Mpa	
Palletized goods/码垛物品	Bagged articles, box articles, drum articles and other types of articles 袋装物品、箱类物品、桶状物品以及其它类型物品	
Grasping size/抓取尺寸	Can be customized according to the customer's product specifications 可根据客户产品规格，量身定制	
Height of pallet/码垛高度	Two horizontal and three vertical layers are used as a layer and stacked in a cross manner, and each stack has 8-10 layers./以2横3竖为一层，交叉堆垛，每垛8-10层	
Palletized type/码垛垛型	Standard 60 types, maximum 120 types/标准60种，最多120种	

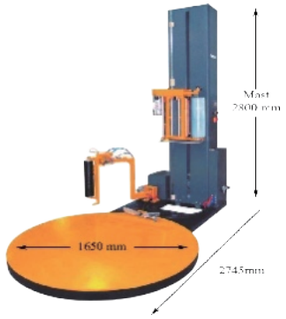
SERIES PRODUCTS
系列产品

Pallet Winding Packaging Machine/托盘缠绕包装机

According to the packaging contents and the required film performance, the stretching sleeve film packaging equipment is positioned, the servo motor, rodless cylinder and other high-precision parts are used, and the modular production and installation mode is adopted. The company's overall packaging scheme has been widely used in chemical raw materials, bottled beverages, canned food and other industries of pallet packaging.

缠绕包装机主要适用于生产量大、物流效率较高的现代化无人作业模式下的高强度包装需求。可根据不同的产品和应用现场，定制专属的包装系统，自动完成货物感测、包装、对中、输送等全过程。输送机构可采用托辊、皮带、链板等输送方式，自动完成断膜功能。广泛应用于食品、饮料、化工、造纸、建材等行业。

Package contents/包装内容	Combined material form of pallet and product/托盘及产品的组合式物料形式
Packaging efficiency/包装效率	0-60 pallets/hour/0-60托盘/小时
Winding speed/缠绕速度	0-15rpm variable frequency speed regulation/0-15rpm变频调速
Winding system/缠绕系统	Pre-stretched film frame, automatic film feeding, automatic tightening, automatic cutting and adjustable speed 预拉伸膜架，自动送膜，自动加紧、自动切断、速度可调
Lifting system/升降系统	Mechanical chain transmission, variable frequency adjustable lifting speed, and automatic cargo height sensing 机械式链传动，升降速度变频可调、、货物高度自动感应
Control system/控制系统	PLC programmable control, and the number of winding layers and times can realize customized unmanned operation PLC可编程控制，缠绕层数、次数可实现定制化无人操作
Security protection/安全保护	Personnel safety protection net with photoelectric protection and fault indication for sound and light alarm. 人员安全防护网光电保护、声光报警器故障指示
Overall dimensions/外形尺寸	Fully customized/全定制
Working environment/工作环境	AC 220V, 50/60Hz, total power 0.37~4.0kw customizableAC 220V，50/60Hz，总功率0.37~4.0kw可定制



Full-automatic Bundling Machine/全自动捆扎机

Ap series full-automatic bundling machine has the advantages of high mechanical manufacturing accuracy, strict structure, firm packing, fast speed, low failure rate, long service life and the like, and can be used with ultra-thin machine belt (0.6-0.7mm) thick. It can be used with assembly line operation.

Ap系列全自动捆扎机具有机械制造精准度高、结构严谨、打包牢固、速度快、故障率低、寿命长等优点，可使用超薄机带（0.6-0.7mm）厚。可配流水线作业使用。

Binding force/捆扎力	40-600N adjustable/40-600N adjustable
lashing speed/捆扎速度	2.18Sec/Strap/2.18Sec/Strap
Width of machine belt/机用带宽度	9, 12, 15mm/9、12、15mm
Frame size/框架尺寸	800x600mm/800x600mm
Power supply/供给电源	380V/50-60Hz/380V/50-60Hz
Power consumption/耗用功率	0.5KVA/0.5KVA
Machine size/机器尺寸	11750x660x1340mm/750x660x1340mm
Machine weight/机器重量	180kg/180kg



Checkweigher/检重秤

The product is used for detecting the weight of large-weight and large-volume articles, and is especially suitable for detecting the shortage of articles in the whole box, for example, lack of bottles, boxes, bags, cans, etc.

本产品用于大重量、大体积物品的重量检测，尤其适用与整箱内物品缺件检测；如：缺瓶、缺盒、缺个、缺袋、缺罐等。

Model No./型号	JLCW-15kg	JLCW-30kg
Weighing range (g)/称重范围（克）	1000-15000	1000-30000
Minimum sorting accuracy (g)/最小分选精度（克）	±5	±10
Maximum sorting speed (times/min)/最大分选速度（次/分钟）	1	2
Belt speed (variable frequency adjustable)/皮带速度（变频可调）	60	40
Size of weighing section (mm L*W)/称重段尺寸（毫米长*宽）	Max.56 m/min/Max.56米/分钟	Max.56 m/min/Max.56米/分钟
Elimination method/剔除方式	Roller push rod type, slide-off type/滚筒推杆式、滑落式	
Options/选配项	Audible and visual alarm lamp, network interface and feedback signal 声光报警灯，网络接口，反馈信号	
Power supply/电源	220VAC ±10%，50/60HZ	
Weight/重量	210kg	240kg



Full-automatic Folding and Sealing Machine/全自动折盖封箱机

With OPP tape as the main raw material, the equipment is used for folding and sealing all directions. It features a simple structure, easy operation, adjustable size and easy maintenance. It is widely applicable to all trades and industries, to achieve beautiful, high-efficiency ideal effects.

以OPP带为主要原料，对各类指向进行折盖封合的设备。特点：结构简单、便于操作，尺寸可调，易于维护；广泛适用于各行各业，达到美观、高效的理想效果。

Sealing object/封箱对象	Secondary packaging of boxed products/箱式产品的二次包装
Productivity/工作效率	20 m/min 20米/分钟
Sealing width/封箱宽度	150mm~500mm
Sealing height/封箱高度	150mm~500mm
Sealing length/封箱长度	200mm~500mm
Overall dimensions/外形尺寸	L 1700 mm ×W 880 mm ×H 1450 mm
Drive system/驱动系统	Motor reduction all-in-one machine, mechanical transmission and pneumatic control电机减速一体机，机械式传动、气动控制
Control system/控制系统	Siemens PLC programmable control/ 西门子PLC可编程控制，
Security protection/安全保护	Personnel safety protection net with photoelectric protection and fault indication for sound and light alarm. 人员安全防护网光电保护、声光报警器故障指示
Main structure/主体结构	Carbon steel welded bracket, total equipment weight 280kg/碳钢焊接支架，设备总重280kg
Working environment/工作环境	AC 220V, 50/60Hz, total power 2-5kw, customizable AC 220V，50/60Hz，总功率2-5kw，可定制

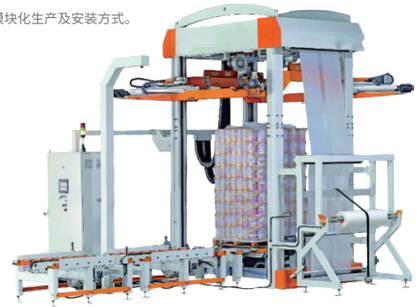


Film Covering Machine/套膜机

According to the packaging contents and the required film performance, the stretching sleeve film packaging equipment is positioned, the servo motor, rodless cylinder and other high-precision parts are used, and the modular production and installation mode is adopted. The company's overall packaging scheme has been widely used in chemical raw materials, bottled beverages, canned food and other industries of pallet packaging.

根据包装内容物及所需薄膜性能定位拉伸套管膜包装设备，使用伺服电机、无杆气缸等高精准零部件，采用模块化生产及安装方式。
本公司包装整体方案已经广泛应用于化工原材料、瓶装饮料、罐装食品等行业的托盘包装。

Pallet size/托盘尺寸	1000*1200mm或1100*1300mm
Conveyor speed/输送机速度	11-17m/min
Conveyor height/输送机高度	600mm
Total height of package/包装总高度	Max：2300mm
Packaging speed/包装速度	Max: 60 pallets/hour Max：60托盘/小时
Power consumption per pallet/每托盘耗电	0.2KWH
Gas consumption/气量消耗	Approx. 40 cubic liters/pallet 约40立方升/托盘
Model weight/机型重量	About 4.8 tons 约4.8吨
Shape of the machine/机型外形	3700*4700*4300mm
Total installed power/总装机功率	About 22KW 约22KW



Winding and Laminating All-in-one Machine/缠绕覆膜一体机

The pallet laminating machine is mainly a special equipment for automatically placing the plastic film on the empty pallet. The special equipment has the functions of dust-proof, moisture-proof and bulk-proof packaging of goods, thereby playing a role in protecting products, saving the packaging cost, reducing the labor intensity of workers and improving the packaging effect.

托盘覆膜机主要是将塑料膜自动放到空托盘上的专用设备。对货物起到防尘、防潮、防散货的包装作用，从而起到了对产品的保护、节约包装成本、降低工人劳动强度、提高包装效果的专用设备。其主要功能是将托盘输送到覆膜机工位，覆膜机自动将塑料膜通过牵拉放到空托盘上，放置好后，空托盘进入下一个工位。

Laminating object/覆膜对象	Combined material form of pallet and product/托盘及产品的组合式物料形式
Productivity/工作效率	0-60 pallets/hour 0-60托盘/小时
Film pulling speed/牵膜速度	9.5 m/min 9.5米/分钟
Roll width/膜卷幅面	1.0 - 1.5m width automatically adjustable 1.0-1.5米宽度自动可调
Roll size/膜卷尺寸	450mm OD, 76.2mm ID 外径450mm，内径76.2mm
Laminating length/覆膜长度	0.8-1.5m adjustable 0.8-1.5米可调
Film breaking mode/断膜方式	Mechanical automatic film cutting, blade film cutting/机械式自动断膜，刀片切膜
Security protection/安全保护	Personnel safety protection net with photoelectric protection and fault indication for sound and light alarm/人员安全防护网光电保护、声光报警器故障指示
Overall dimensions/外形尺寸	Fully customized/全定制
Working environment/工作环境	AC 220V/380V, 50/60Hz, total power 0.37kw, customizableAC 220V/380V，50/60Hz，总功率0.37kw，可定制



Metal Detector/金检机

The product is suitable for detecting whether the weight of a single product is qualified or not. It is widely applied to a plurality of industries such as electronics, pharmacy, food, beverage, health care products, daily chemicals, light industry, agricultural and sideline products and the like.

本品适用于检测单个产品重量是否合格，广泛应用于电子、制药、食品、饮料、保健品、日化、轻工、农副产品等多行业。

Model No./型号	JLCW-500g	JLCW-1500g
Weighing range (g)/称重范围（克）	2-500	10-1500
Minimum sorting accuracy (g)/最小分选精度（克）	±0.1	±0.2
Maximum sorting speed (times/min)/最大分选速度（次/分钟）	0.01	0.1
Belt speed (variable frequency adjustable)/皮带速度（变频可调）	210	150
Size of weighing section (mm L*W)/称重段尺寸（毫米长*宽）	Max.98	Max.98
Elimination method/剔除方式	Blow- type, swing-arm type 吹气式、摆臂式	Swing-arm type, push-rod type 摆臂式、推杆式
Options/选配项	Audible and visual alarm lamp, network interface and feedback signal 声光报警灯，网络接口，反馈信号	
Power supply/电源	220VAC ±10%，50/60HZ	
Weight/重量	150kg	180kg



Drop-type Packing Machine/跌落式装箱机

The products are regularly conveyed to the upper part of the carton through a whole-row conveyor, and then the products are vertically dropped into various packing boxes (bags) by a flexible dropping device to realize the purpose of boxing (bagging). It is suitable for packing containers with special-shaped bottle top, large-volume containers, lubricating oil, edible oil, dairy products and other products.

通过整列输送机有规则地输送至纸箱的上方，再由柔性跌落装置将产品垂直落入各种包装箱（袋）内来实现装箱（袋）目的。适用于异形瓶口容器、大容积容器、润滑油、食用油、乳品等产品装箱。

Battery/电池	AC380V，50HZ，3-6kW
Compressed air pressure/压缩空气压力	0.5-0.7MPa
Operating speed/工作速度	6-14 cases/min



Automatic Pallet Tilter/托盘自动翻转机

It can adapt to the turning requirements of goods of different specifications, and realize the operation target of converting horizontal type to vertical type or vertical type to horizontal type. It is widely used in metallurgy, stamping, sheet metal, mould, paper making, cold storage, steel belt, wire coil, barrel material, coil material and other industries. The tilter avoids the potential safety hazard brought by forklift or crane overturning, and is the best choice to improve the working efficiency and ensure the operation safety of workers.

适应不同规格的货物的翻转要求，实现将卧式转换成立式或将立式转换成卧式的作业目标。广泛应用于冶金、冲压、钣金、模具、造纸、冷藏、钢带、线盘、桶料、卷料等行业。翻转机避免了叉车或者吊车翻转带来的安全隐患，是你调高工作效率，保障工人操作安全的最佳选择。

Flipped object/翻转对象	Combined material form of pallet and product/托盘及产品的组合式物料形式
Productivity/工作效率	0-60 pallets/hour/0-60托盘/小时
Delivery mode/输送方式	Positive and negative rotation switchable/正反转可切换
Delivery width/输送宽度	1.2m/1.2米
Conveying speed/输送速度	0-24m/min, variable frequency speed regulation/0-24米/分钟，变频调速
Maximum load capacity/最大负载能力	2 tons and above, customizable/2吨及以上，可定制
Flip height/翻转高度	1.6m and above, customizable/1.6米及以上，可定制
Drive system/驱动系统	Motor reduction all-in-one machine and mechanical transmission/电机减速一体机，机械式传动
Control system/控制系统	Siemens PLC programmable control/西门子PLC可编程控制，
Security protection/安全保护	Personnel safety protection net with photoelectric protection and fault indication for sound and light alarm. 人员安全防护网光电保护、声光报警器故障指示
Main structure/主体结构	Carbon steel welded bracket/碳钢焊接支架
Working environment/工作环境	AC 380V, 50/60Hz, total power 2-5kw, customizable/AC 380V，50/60Hz，总功率2-5kw，可定制



High -position Palletizer/高位码垛机

The high-position palletizing system is a method of palletizing bagged products in layers onto pallets or onto conveyor belts without pallets, according to a pre-set program, through shaping, repositioning, grouping, and layering.

高位码垛系统是将袋装产品按照预先设定的程序通过整形、转位、编组、分层等按层放置到托盘上或者输送皮带上进行无托盘码垛

1200 bags/hour/1200袋/时	1500 bags/hour/1500袋/时	1800 bags/hour1800袋/时
Main palletizing type/主要垛型	23/32、223/322、332/233、334/433	
Power supply/动力电源	Three-phase 380V AC (or as per site)/三相380V AC（或根据现场实际）	
Stable air supply pressure/气源气压稳定	(0.5-0.6MP)	
Gas consumption/耗气量	58m3/h	
Total power/总功率	23Kw	



High Speed Palletizer/高速码垛机

It has a wide range of palletizing options, diversified product stacking capacity and high capacity. You can simply determine the system parameters and select the machine that best suits your requirements.

拥有广泛的码垛选型，多样化的产品堆垛能力和非常高的容量。只需确定系统参数并选择最适合您要求的机器。

Speed/速度	1600 packs/hour, suitable for all kinds of irregular bagged products/1600包/小时,适应各种不规则袋装产品
Stack mode/堆叠模式	Can be set freely/可自由设定



Boxing Machine/装箱机

It has larger allowable moment of inertia, stronger performance, suitable for large end-effectors for multi-workpiece handling. The built-in Ethernet port on the arm is easy for camera connection and the battery-free motor unit is easy for maintenance. The conduit design has been improved to reduce vibration during operation and facilitate cable installation.

更大容许惯性力矩，更强性能，适合大型末端执行机构进行多工件搬运。手臂上内置以太网口，易于相机连接。免电池马达单元，易于维护。改进线管设计，减小工作时振动，易于线缆安装。

Mounting mode/安装方式	Countertop installation/台面安装
Arm length/臂长	1st - 2nd axis arms 800mm/第1-2轴臂 800mm
Maximum speed of movement最大运动速度	1st - 2nd joints 9940mm/s/第1-2关节 9940mm/s
	3rd joint 2300mm/s /第3关节 2300mm/s
	4th joint 1400°/s /第4关节 1400°/s
Body weight/本体重量	48kg
Repeated positioning accuracy/重复定位精度	1st - 2nd joints ±0.025mm/第1-2关节 ±0.025mm
	3rd joint ±0.01mm /第3关节 ±0.01mm
	4th joint ±0.01° /第4关节 ±0.01°
Maximum range of motion/最大运动范围	1st joint ±132°/第1关节 ±132°
	2nd joint ±152° /第2关节 ±152°
	3rd joint (clean) 420mm (390mm) /第3关节（洁净型） 420mm（390mm）
	4th joint ±360° /第4关节 ±360°
Load*1/负载*1	Rated value 10kg/额定值 10kg
	Max. 20kg /最大值 20kg
Standard cycle time*2/标准循环时间*2	0.38 sec/0.38秒
	Allowable inertia moment of 4th joint*3/第4关节容许惯性力矩*3 Rated value 0.05kg· m2/额定值 0.05kg·㎡
	Max. 1.00kg· m2 /最大值 1.00kg·㎡
Motor power consumption/电机功耗	1st joint 750W/第1关节 750W
	2nd joint 520W /第2关节 520W
	3rd joint 520W / 第3关节 520W
	4th joint 150W /第4关节 150W
3rd joint top pressure/第3关节顶压力	250N
Home reset/原点复位	No need to reset in place/无需原地复位
Subscriber circuit/用户电路	15-pin (D-Sub interface), RJ45 8-pin (CAT 5e)/15针（D-Sub接口）、RJ45 8针（CAT 5e）
User gas circuit/用户气路	Φ6mm x 2, Φ8mm x 2 withstand voltage: 0.59MPa {6kgf/cm2} {86psi}/Φ6mm x 2、Φ8mm x 2 耐压：0.59MPa｛6kgf/cm²｝（86psi）
Installation environment/安装环境	Standard type / Clean type*4/标准型/洁净型*4
Applicable controller/适用控制器	RC90-B
Installation standard/安装标准	CE,KC



SERVICE
服务篇

SERVICE PROCESS
服务流程

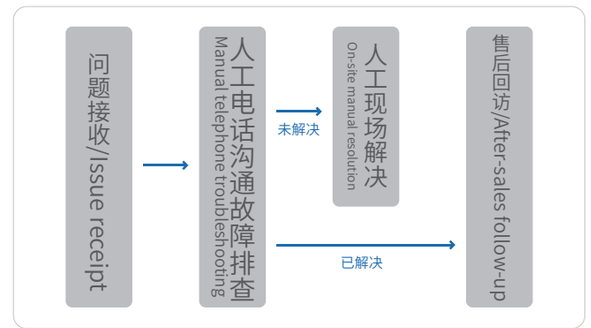
Cyberrobot after-sales telephone
赛佰特售后专用电话

Tel: /电话：

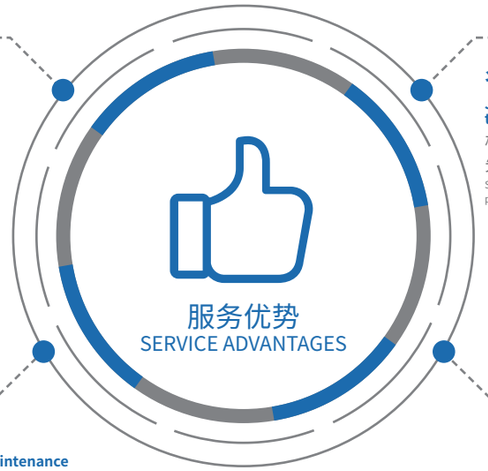
010-83738980

24-hour after-sales telephone:
24小时售后电话：

186125535501



SERVICE ADVANTAGES
服务优势



免费培训，迅速响应
Free training for quick response
安装完毕后，免费提供相关技术资料及设备使用培训；设备出现故障提供15分钟响应，24小时解决问题
After installation, the company provides relevant technical materials and equipment usage training for free; 15-minute response time for equipment malfunctions, 24 hours for problem solving

名校联合，技术保证
Joint efforts with prestigious schools for technical assurance.
校企强强联合，从源头提供行业领先的技术
Strong collaboration between schools and enterprises, providing industry-leading technology from the source

一年质保，终身维护
One-year warranty, lifetime maintenance
产品在质保期内免费提供维护、维修，终身跟踪服务
Free maintenance and repairs during the warranty period, lifelong tracking service

定期回访，免费升级
Regular follow-up visits, free upgrade
半年定期走访、检修，免费软件升级
Regular visit and overhaul every six months, free software upgrade

CLIENT
客户篇

赛佰特凭借富有前瞻性的战略定位
With its forward-looking strategic positioning
产品与服务遍及全球
Products and services distributed worldwide
已成长为中国智能制造领域令人瞩目的行业明星
Cyberrobot has grown into a prominent industry star in the field of intelligent manufacturing in China



CLASSIC CASES
经典案例

Food Industry/食品行业


Beijing Capital Agribusiness and Foods Group - Sanyuan Dairy Project
首农集团-三元乳业项目


Gaea Gem- Quick-frozen Food Projec
金健米业-速冻食品项目


Surea Group - Flour Milling Project
天山西瑞集团-面粉制粉项目


CP Food - Deep Processing Project of Broiler Chicken
正大食品-肉鸡深加工项目

Pharmaceutical Industry/医药行业


Sinopharm Group - Industrial Automated Production Line Project
国药控股公司-工业自动化生产线项目


Tongrentang Group - Automated Equipment System Customization Project
同仁堂公司-自动化设备系统定制项目

Feed Industry/饲料行业


CP Group - Automated Palletizing Project
正大集团-自动化码垛项目


DBN Group - Production Line Automated Project
大北农集团-生产线自动化项目


Dawu Agriculture and Livestock Group - Feed Production Line Palletizing Project
大午集团-饲料生产线码垛项目


Yicheng Xiangda Property Co., Ltd. - Feed Palletizing Project
襄大集团-饲料码垛项目

Building Material & Chemical Industry/建材化工行业


Lantai Industry - Sodium Chlorate Packing and Palletizing Project
兰太实业公司-氯酸钠包装码垛项目


Kangfu Mortar - Robot Palletizer System Project
康福砂浆-码垛机器人系统项目


Oriental Yuhong Waterproof Technology Co., Ltd. - Robot Palletizer Automated Project
东方雨虹建材公司-码垛机器人自动化项目


Firsta - Packing Automated Project
富思特公司-码垛自动化项目

COOPERATIVE PARTNER
合作伙伴

食品行业 Food Industry

中粮 COFCO
新辣道鱼火锅
伊利
三元食品 SANYUAN
今麦郎
金健
壮牛乳业
东方集团
北大荒集团
河套酒业 HETAO LIQUOR
普旺 PROVENCE
光明米业
松花江 SONG HUA JIANG
Grand Farm 大庄园肉业
蒙牛
圣牧高科 SHENG MU HIGH-TECH
西瑞集团 SUREA GROUP
正大食品
恒丰集团 HENG FENG GROUP
華龍集團 HUALONG GROUP
金利源 JINLIYUAN

饲料行业 Feed Industry

正大集团 CP GROUP
DBN 大北农集团 DA BEI NONG GROUP
YANGXIANG 扬翔饲料
大午
CONTI
襄大集团 XIANGDA GROUP
神农膨化 SENO EXTRUSION
正邦集团 ZHENGBANG GROUP
通威股份 TONGWEI CO., LTD.
优然牧业 YOURAN DAIRY
Humane 华盟集团
展翔饲料 FLYING FODDER
FCKYS
BD GREAT
sunHY 新华扬
园丰牧业
新希望集团
双胞胎
资源股份集团
ELLHOPE 禾豐股份

化工行业 Chemical Industry

兰太实业 LANTAI INDUSTRY
中化 SINOCHEM
三聚环保 SJ Environmental Protection SJEP
LAIYU 莱玉化工
亚洲生化集团
澳佳肥业 AOJIA FERTILIZER
大成集团 DACHENG GROUP
天大 TIANDA
JAOUR HOT MELT ADHESIVE
双欣 shuangxin

建材行业 Building Material Industry

东方雨虹 ORIENTAL YUHONG
富思特 涂料保温一体化
首钢集团 SHOUGANG GROUP
KANGCHA 康巢
兴丽新
杰楠 JIENAN
陽煤集團
shuangxin
CKS 科顺

其他行业 Other Industries

中石油大港油田
株洲冶炼集团股份有限公司 ZHUZHOU SMELTER GROUP COMPANY LIMITED
国药集团
同仁堂健康
CSIC 中船重工