苏州英豪包装机械科技有限公司

Suzhou Yinghao Packaging Machinery Technology Co., Ltd.







药品行业自动化包装方案一站式服务商

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COMPANY PROFILE
公司简介

苏州英豪包装机械科技有限公司位于苏州常熟市海虞镇，是一个集设计、开发、制造、经营销售为一体的专业流水线自动化生产设备的企业。

公司根据客户的需求定制合适的流水线生产设备，广泛应用于医药、食品等各行业，真正实现的生产的自动化，解放了劳动力，提高生产效率。自公司成立至今经过多年实践经验的积累和不断探索，在自动化设备的设计和定向方面积累了丰富的经验。我们的产品生产周期短，并且提供了运输、安装、调试，一条龙等服务。

长期以来，客户对英豪包装机械的信赖和支持，使英豪产品不断地得到完善改进和开发更新，我们将一如既往，以“优秀的品质、合理的价格、良好的信誉"为宗旨，为客户提供专业品质和一流服务。

Suzhou Yinghao Packaging Machinery Technology Co., Ltd. is located in Haiyu Town, Changshu City, Suzhou. It is an enterprise integrating design, development, manufacturing, operation and sales of professional assembly line automatic production equipment.

The company customizes the appropriate assembly line production equipment according to the customer's needs, which is widely used in various industries such as medicine and food. The real automation of production frees up labor force and improves production efficiency. Since the establishment of the company, through years of practical experience and continuous exploration, we have accumulated rich experience in the design and orientation of automation equipment. Our products have a short production cycle and provide transportation, installation, commissioning, one-stop services.

For a long time, customer's trust and support to yinghao packaging machinery have continuously improved and updated yinghao products. we will, as always, take "excellent quality, reasonable price and good reputation" as our tenet to provide professional quality and first-class service to customers.



COMPANY CERTIFICATES
公司证书















CORPORATE CULTURE
企业文化

企业愿景：品牌、客户、员工和谐发展

企业精神：诚信、团结、进取

企业作风：踏实做事，守信管理

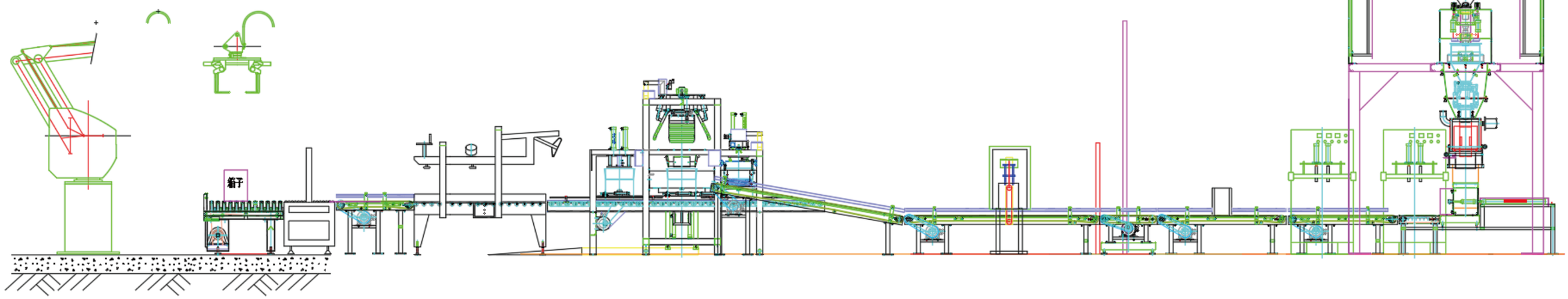
销售理念：天道酬勤，厚德载物

管理理念：以人为本，和谐共存，以身作则，公平公正

我们的宗旨

以满足用户实际需要为目的，视质量、信誉为生命；寻求创新，不断进取，追求完美的设计方案；创新、进取、务实、诚信，依靠公司强有力的技术人才和广大员工更好的为社会服务。

PACKAING LINE
包装线



PRODUCTS DISPLAY
产品展示

定量包装机

Quantitative packaging



产品特点

- PLC自动控制程序
- 气缸控制
- 双螺旋给料
- 计量速度快、精准稳定

Product characteristics

- PLC Automatic Control Program
- Cylinder control
- Double screw feed
- Rapid measurement, accurate and stable

基本工作原理

当定量包装机进入自动运行状态后，称重控制系统打开给料门开始加料，该给料装置为快、中、慢三级给料方式；当物料重量达到快给料设定值时，停止快给料，保持中给料；当物料重量达到快给料设定值时，停止中给料，保持慢给料；当物料重量达到最终设定值时，关闭给料门，完成动态称重过程；此时系统检测夹袋装置是否处于预定状态，当包装袋已夹紧后，系统发出控制信号打开称量斗卸料门，物料进入包装袋中，物料放完后自动关闭称量斗的卸料门；卸空物料后松开夹袋装置，包装袋自动落下；包装袋落下后进行缝包并输送到下一工位。如此循环往复自动运行。

结构

定量包装机由称重单元、小车、缝包输送装置、气动系统、除尘系统，定量包装控制仪表等组成。其中影响包装速度和准确度的关键部件是称重单元，它包括储料仓、闸门、截料装置、秤体、夹袋装置、支架、电气控制装置等。储料仓为缓冲式料仓，用于物料储备并提供一个接近均匀的物料流；截料装置由截料斗、截料门、气动元件、补气门等组成，在称重过程中提供快、中、慢三级给料；补气门的作用为平衡称重时系统内的空气压差；秤体主要由称量斗、承重支架和称重传感器组成，完成重量到电信号的转变并传输给控制单元；夹袋装置主要由夹袋机构、气动元件等组成，作用为夹紧包装袋。

Basic principles of work

When the quantitative packaging machine enters the automatic operation state, the weighing control system opens the feeding door to start feeding, the feeding device is fast, medium and slow three-stage feeding mode; when the material weight reaches the quick feeding setting value, stop the quick feeding and keep the medium feeding; when the material weight reaches the fast feeding setting value, stop the medium feeding and keep the slow feeding; when the material weight reaches the final setting value, close the feeding door and complete the dynamic weighing process; At this time, the system detects whether the bag clamping device is in a predetermined state. When the bag has been clamped, the system sends out a control signal to open the weighing bucket unloading door, the material enters the bag, and the unloading door of the weighing bucket is automatically closed after the material is released; the bag is automatically dropped after unloading the material, and the bag is automatically dropped; after the bag falls, the bag is sewn and transported to the next station. So loop back and forth automatically.

Structure

The quantitative packaging machine is composed of weighing unit, trolley, sewing bag conveying device, pneumatic system, dust removal system, quantitative packaging control instrument and so on. Among them, the key components that affect the speed and accuracy of packaging are weighing unit, which includes storage bin, gate, intercepting device, weighing body, bag clamping device, support, electrical control device and so on. The material storage bin is a buffer bin, which is used to store the material and provide a near uniform material flow; the material cutting device is composed of a cutting hopper, a cutting door, a pneumatic element, a filling valve, etc., which provides fast, medium and slow three-stage feeding during weighing; the function of the filling valve is to balance the air pressure difference in the system when weighing; the weighing body is mainly composed of a weighing bucket, a load-bearing support and a weighing sensor to complete the weight-to-electrical signal transformation and transmit to the control unit; the bag clamping device is mainly composed of a bag clamping mechanism, a pneumatic element and so on, which acts as a clamping bag.

产品配置

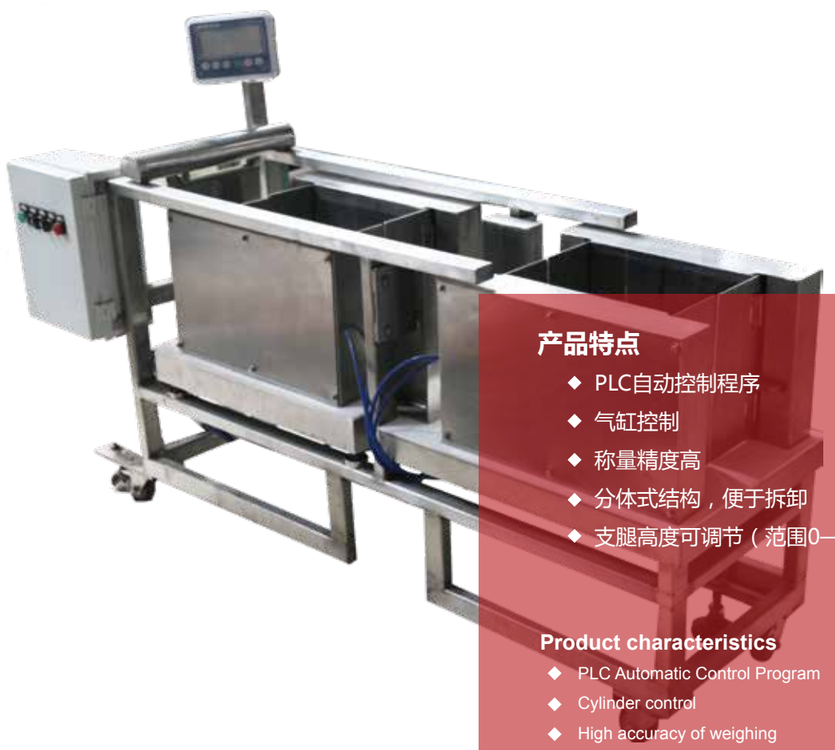
名称	品牌
电机	晟邦
气动元件	亚德客
称重传感器	梅特勒
行程开关	欧姆龙

产品参数

名称	参数
称量精度	±25g（±0.1%）
包装能力	2t/H
气源压力	0.5~0.7MPa
耗用功率	0.75KW&1.5KW
供给电源	220/380V、50hz

成型机

Molding machine



产品特点

- PLC自动控制程序
- 气缸控制
- 称量精度高
- 分体式结构，便于拆卸
- 支腿高度可调节（范围0—100mm）

Product characteristics

- PLC Automatic Control Program
- Cylinder control
- High accuracy of weighing
- Split structure, easy to
- Adjustable leg height (range 0-100 mm)

基本工作原理

成型机的工作原理与打针用的注射器相似，它是借助螺杆（或柱塞）的推力，将已塑化好的熔融状态（即粘流态）的塑料注射入闭合好的模腔内，经固化定型后取得制品的工艺过程。

注射成型是一个循环的过程，每一周期主要包括：定量加料—熔融塑化—施压注射—充模冷却—启模取件。取出塑件后又再闭模，进行下一个循环。

结构

成型机电脑采用进口PLC的电脑主机芯片，匹配液晶显示屏，软件备用故障自我诊断系统及错误纠正功能，使操作更方便，其控制程序以傻瓜式设计，无须专业培训即可上岗操作。

成型机全液压驱动，具有国内首创无级液压调频技术，解决了成型机对各种物料和块型的适应度，提高了物料的密实性，缩短了成型周期。

Basic principles of work

The working principle of the molding machine is similar to the syringe used for injection. It is the process of obtaining the product by injection of plasticized plastic into the closed mold cavity with the help of the thrust of screw (or plunger).

Injection molding is a cycle process, each cycle mainly includes: quantitative feeding - melt plasticizing - pressure injection - mold cooling - mold opening parts. Take out the plastic parts and then close the mold for the next cycle.

Structure

Forming machine computer adopts imported PLC computer mainframe chip, matching LCD screen, software backup fault self-diagnosis system and error correction function, make the operation more convenient, its control program is designed in the form of fool, without professional training can take up the post operation.

Fully hydraulic drive molding machine, with the first stepless hydraulic frequency modulation technology in China, to solve the molding machine for various materials and block type fitness, improve the compactness of materials, shorten the molding cycle.

产品配置

名称	品牌
气动元件	亚德客
电子秤	梅特勒

产品参数

名称	参数
成型器尺寸	350mmX250mmX340mm
材质	304不锈钢
气源压力	0.5~0.7MPa
供给电源	220/380V、50hz

多功能抽气气调热合机

Multi-function air pumping and heat regulating machine



产品特点

- 功能齐全
- 应用范围广
- 可双向加热

Product characteristics

- Functional
- Wide range of applications
- Two-way heating

DZQ-600L及该系列多功能抽气气调热合机，功能齐全，可用于间隙单件抽气封口包装，也可以用于抽真空后充入惰性气体的包装。

该机采用外抽式双抽气嘴机构，不受真空室大小的限期，应用范围广。适用于真空度要求不太高，充气纯度较高物品的包装。

如需热封较厚塑料袋或复合袋，可采用双加热（即袋口双向加热）的DZQ-600L/S的机型，即在型号规格的末位加(S)。

根据用户需求封口长度最大可增至1000mm。

颗粒≥100目的粉剂，可配置螺旋沉淀过滤器，用以回收粉料和保护真空泵。

DZQ-600L and the series of multi-function air extraction and heat regulating machine, the function is complete, can be used for gap single-piece air extraction seal packaging, can also be used for vacuum after filling inert gas packaging.

The machine adopts the external pumping double suction nozzle mechanism, which is not limited by the size of the vacuum chamber and has wide application range. It is suitable for the packing of articles with low vacuum and high inflatable purity.

To heat seal thick plastic bags or composite bags, you can use double heating (that is, bag mouth two-way heating) of the DZQ-600L/S model, that is, at the end of the model specification add (S).

Maximum length of seal to 1000 mm. according to user's demand.

Granules ≥100 purpose powder, can be equipped with spiral sedimentation filter for recovery of powder and protection of vacuum pump.

产品参数

电源电压（V/Hz)	AC 380/50　220/50
真空泵电机功率（W）	900
热封功率（W）	600(1000)
极限真空（Kpa）	1100
热风长度（mm)	600　800　1000
热封宽度（mm)	10
封口中心到地面距离（mm)	1250
真空泵排气量（m3/h)	20
薄膜厚度（单层）（mm)	≤0.18
外形尺寸（L*W*H）（mm)	800*900*1900
净重（kg)	约255

金检机

Metal inspection machine



过渡式金检机

产品特点

- 适用于具有挑战性的应用环境
- 最佳的灵敏度和性能
- 易于使用，改进了OEE
- 正常运行时间最大化

Product characteristics

- For challenging application environments
- Optimal sensitivity and performance
- Easy to use, improved OEE
- Maximum operating time



管道式金检机

产品参数

品牌保护	对铁、非铁和S/S金属具有最高灵敏度
合规性	支持FSMA和所有GFSI代码，包括BRC和IFS
提高生产效率	全球性保障并提供OEE报告
减少成本	零错误剔除率（FRR）稳定运行
便于使用	通过直观的聚类技术实现单一设置操作
面向未来	可升级设计，确保满足未来的要求

工作方式	多频同步检测（10 种模式）
用户访问日志和检测日志	支持数据的储存与显示; 加盖日期和时间
产品存储设备	可存储100个产品名称，并可迅速调用
直方图和矢量图	监测性能; 跟踪产品信号变化
单个用户账户	32个可按职能选择的用户账户
产品显示数据	产品名称显示包括批次/代码详细信息
支持多种语言	26种可供具体用户帐户选择的语言
自动性能监测报警	计划内测试到期/过期时通知
HMI显示	145 mm（5.7 英寸）彩色QVGA触摸屏显示器
包括测试片	铁、非铁及不锈钢
温度范围 – 操作/存储	-10至+45℃ / -10至+50℃
电源	100至240 V AC (+10% / -15%)
物料号 (s)	28015485

复检秤输送机

Recheck scale conveyor



产品特点

- 光电自动感应
- 称重精度高

Product features

- Photoelectric automatic induction
- High weighing accuracy

产品简介

复检秤输送机是依高速动态重量读取方式对成品物进行称重检测。系统根据设定的目标重量值，自动检测出产品的重量是否合格、包装箱内产品的数量是否有缺失、说明书或配件是否漏装或多装等，发现不合格品系统将自动发出警报或根据重量自动分级，也可配合后续流水线作自动剔除不良品之连锁动作（选配）。

Product Profile

Recheck scale conveyor is to weigh and test the finished products according to the high-speed dynamic weight reading mode. According to the set target weight value, the system automatically detects whether the weight of the product is qualified, whether the number of products in the packing box is missing, whether the manual or accessories are missing or multi loaded, etc. if the system finds the unqualified products, it will automatically give an alarm or automatically grade according to the weight, and it can also cooperate with the follow-up assembly line to automatically remove the bad products (optional).

产品配置

名称	品牌
电机	晟邦
电子秤	梅特勒
光电传感器	神视

产品参数

名称	参数
输送机链板宽度	380/440/530mm
输送机材质	304不锈钢
称重精度	±0.25g（±0.1%）
耗用功率	0.75KW
供给电源	220/380V、50hz

提袋装桶袋机

Bagging Bagging Machine



产品特点

- 配有限位轮，控制夹袋臂开合角度
- 夹袋臂安装牛筋块，抓取牢固
- 脚踏开关控制升降幅度
- 机架安装透明有机玻璃，便于观察

Product features

- Equipped with a limited position wheel to control the opening and closing angle of the bag clamping arm
- The bag clamping arm is installed with the rib block, which is firmly grasped
- Foot switch to control the lifting range
- Frame mounted transparent plexiglass for easy observation

产品简介

提袋装桶袋机一种包装袋装桶机械手，包括机架，设于机架上的开袋机构、撑袋机构、驱动系统和测控系统。开袋机构包括开袋吸盘和吸盘杆，吸盘杆固定连接于开袋气动导轨移动座，开袋气动导轨固定连接于机架右侧；撑袋机构包括固定撑袋板和移动撑袋板，固定撑袋板固定连接于升降气动导轨移动座，升降气动导轨固定连接于机架左侧；驱动系统包括开袋气动导轨、升降气动导轨和撑袋气缸；测控系统包括光电开关和中央处理器。本实用新型结构紧凑，工作效率高，节省大量人工。

Product Profile

Bag-packing machine A bag-packing manipulator comprises a rack, a bag-opening mechanism, a bag-pressing mechanism, a driving system and a measuring and controlling system arranged on the rack. the bag opening mechanism includes the bag opening sucker and sucker rod, the sucker rod is fixed to the bag opening pneumatic guide rail moving seat, the bag opening pneumatic guide rail is fixed to the right side of the frame; the bag holding mechanism includes the fixed bag holding plate and the moving bag holding plate, the fixed bag holding plate is fixed to the lifting pneumatic guide rail moving seat, the lifting pneumatic guide rail is fixed to the left side of the frame; the driving system includes the bag opening pneumatic guide, lifting pneumatic guide rail and supporting bag cylinder; the measurement and control system includes photoelectric switch and central processor. The utility model has the advantages of compact structure, high working efficiency and large amount of labor saving.

产品参数

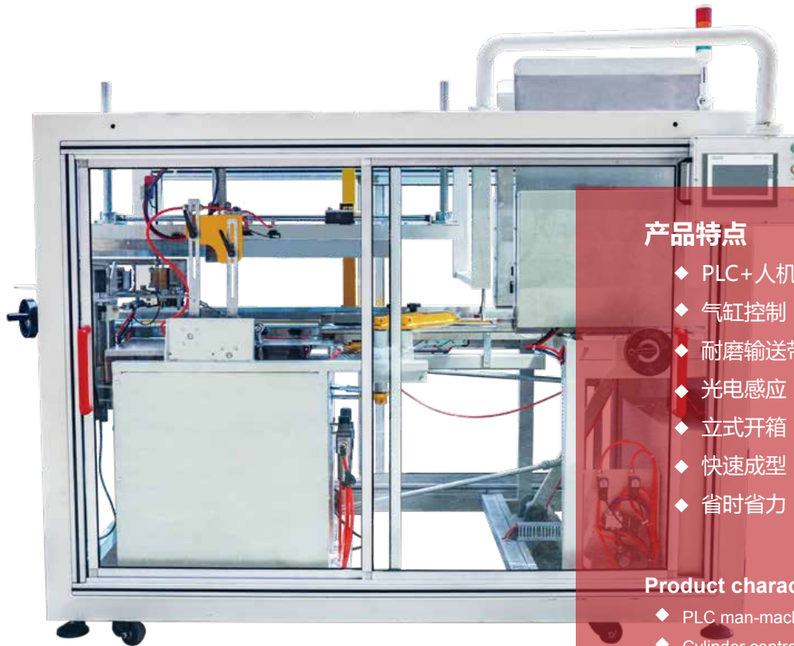
名称	参数
提升能力	5~50kg
提升高度	700mm
气源压力	0.5~0.7MPa

产品配置

名称	品牌
气动元件	亚德客
直线导轨	新亿特

高速开箱机GPK-40H30

High-speed open-box GPK-40H30



产品特点

- PLC+人机操作界面
- 气缸控制
- 耐磨输送带
- 光电感应
- 立式开箱
- 快速成型
- 省时省力

Product characteristics

- PLC man-machine interface
- Cylinder control
- Wear-resistant conveyor belt
- Photoelectricity induction
- Vertical open box
- Rapid prototyping
- Save time and effort

产品简介

GPK-40H30 高速开箱机吸根据多年实战经验，采用凸轮驱动系统与连杆结合控制整个机器动作，机械动作快速、精准、稳定，是目前市场上稳定高速开箱机之一。机器体积小，操作简单，调节方便。 该款开箱机广泛用于批量生产包装的流水作业，印刷、彩盒、贺卡、相册、相框、医药、电子、日化、化妆品、汽配、五金、食品等大批量生产的行业。

产品特性

高性价比配件 选用耐用、高性价比零部件，电器元件及气动元件；

自动预警 自动预警提醒补充纸箱；加装透明有机玻璃防护罩，开门自动停止，避免操作意外；

节省工时 全机采用凸轮连续系统、机械运转精确、稳定、耐用； 成型及封箱采用无段变速控制，可任意调整速度，节省工时；

可配套流水线 的这款开箱机可单机作业，也可与自动化包装流水线配套使用。

Product Profile

GPK-40H30 high-speed open-box machine suction according to many years of actual combat experience, using cam drive system and connecting rod to control the whole machine action, mechanical action fast, accurate, stable, is one of the stable high-speed open-box machine in the market at present. The machine is small in size, easy to operate and easy to adjust. The open box machine is widely used in mass production and packaging of water operations, printing, color boxes, greeting cards, photo albums, photo frames, medicine, electronics, daily chemical, cosmetics, auto parts, hardware, food and other mass production industries.

Product characteristics

Cost-effective accessories Use durable, cost-effective parts, electrical components and pneumatic components;

Automatic early warning Automatic warning to supplement the carton; add transparent plexiglass shield, door automatically stop, avoid operation accident;

Savings in working hours The whole machine adopts cam continuous system, the mechanical operation is accurate, stable and durable; the forming and sealing box adopts the variable speed control without section, which can adjust the speed arbitrarily and save the working hours;

Matching assembly lines This open-box machine can be operated on a single machine, and can also be used with automatic packaging assembly line.

产品配置

名称	品牌
电机	东元
PLC	西门子
触摸屏	昆仑通态
气动元件	亚德客
光电	劳易测

产品参数

名称	参数
纸箱范围	长: 240-510mm×宽: 190-400mm×高: 120-400mm
速度	30箱/分
电压	380V 3ϕ
功率	746W
必要空气压	5kg/平方厘米
胶带尺寸	48mm2"，2.5"
机器尺寸	长：2372mm 宽：1210mm 高：1820mm
重 量	1000Kg
空气消耗量	300NL/min
纸箱暂存量	80pcs(1000mm)

自动装箱机

Automatic packing machine



产品特点

- 自动撑箱、自动放纸箱垫板
- PLC自动控制程序
- 气缸控制
- 光电自动感应

Product characteristics

- Automatic box support, automatic carton pad
- PLC Automatic Control Program
- Cylinder control
- Photoelectric automatic induction

工作原理

自动装箱机能自动将包装物整形排列，装入打开的纸箱中，并完成不干胶封口等动作的装箱设备，所有动作都是全自动完成的。

结构

大多数自动装箱机采用新型为组合结构，包括成箱装置、整列装置、充填装置和封箱装置等功能单元，分别完成相应的功能动作，各装置都安装在同一主机架上。成箱装置的箱坯架在上方，充填装置在成箱装置正下方，整列装置在充填装置的前方，封箱装置在充填装置的后方。采用P.L.C + 触摸显示屏控制。设有缺瓶报警停机，无瓶不装箱安全装置。大大方便操作、管理、减少生产人员和劳动强度，是自动化规模生产必不可少的设备。

Working principle

The automatic packing machine automatically arranges the packing material into the open carton, and completes the packing equipment such as adhesive sealing, all the actions are fully automatic.

Structure

Most automatic packing machines adopt a new type as a combination structure, including box-forming device, whole-row device, filling device and sealing device, and so on. the box blank frame of the box forming device is above, the filling device is directly below the box forming device, the whole column device is in front of the filling device, and the sealing device is behind the filling device. Adopt P.L.C touch display screen control. There is no bottle alarm stop, no bottle without packing safety device. greatly facilitate operation, management, reduce production personnel and labor intensity, is an essential equipment for automatic scale production.

产品配置

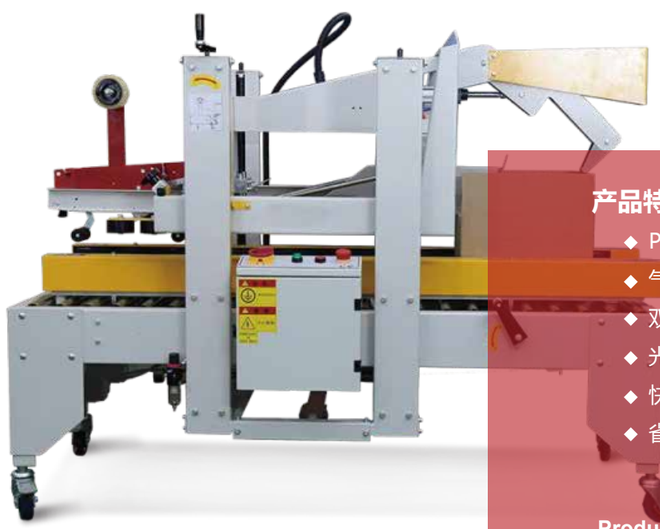
名称	品牌
电机	晟邦
气动元件	亚德客
光电传感器	神视

产品参数

名称	参数
装箱能力	3箱/min
纸箱尺寸	L280-500×W200-400×H200-400mm
气源压力	0.5~0.7MPa
耗用功率	0.75kw
供给电源	220/380V、50hz

双立柱自动折盖封箱机

Double column automatic folding and sealing machine



产品特点

- PLC自动控制程序
- 气缸控制
- 双电机输送稳定
- 光电自动感应
- 快速封箱
- 省时省力省人

Product characteristics

- PLC Automatic Control Program
- Cylinder control
- Double motor transport stability
- Photoelectric automatic induction
- Quick sealing
- Save time and effort

产品简介

新款双立柱折盖封箱机是在单立柱折盖封箱机的基础上进行优化和升级的产品，双立柱明显体现了机器的牢固性、稳定性，使折盖手臂在快速折盖时不会出现晃动现象，并大大降低了噪音的分贝，还增加了独立电箱控制系统，操作更便捷，安全系数高。同时双立柱还可根据客户产品特性增加上部驱动系统。

该款封箱机广泛应用于食品、医药、饮料、烟草、日化、汽车、线缆、电子等各行各业。

产品特性

自动折盖封箱 自动折纸箱上盖，上下自动贴上胶带，经济，平稳、快速。

自主调节高度、宽度 根据纸箱规格手工调节机器宽度及高度,适合同一时段同种规格纸箱封箱。

节省人工 货品包装作业由机器代替人工完成。

提高效率 稳定的封箱速度，效率更高。

操作简单 简洁操作面板，经济耐用、安全、故障率低。

防护装置 配装刀片防护装置。避免操作时意外刺伤。

Product Profile

The new double column folding cover sealing machine is an optimized and upgraded product based on the single column folding cover sealing machine. The double column obviously shows the stability and stability of the machine, so that the folding arm will not appear sloshing phenomenon when folding the cover quickly, and greatly reduces the noise decibels, and also increases the independent electric box control system, which is more convenient to operate and has a high safety factor. At the same time, the double column can also add the upper drive system according to the customer product characteristics.

The box sealing machine is widely used in food, medicine, beverage, tobacco, daily chemical, automobile, cable, electronics and other industries.

Product characteristics

Automatic Covering Box Automatic folding carton top cover, up and down automatic adhesive tape, economical, smooth, fast.

Self-adjusting height, width according to the carton specifications manual adjustment machine width and height, suitable for the same time the same size carton sealing.

Saving labor The packing operation is done by machine instead of manual.

Increased efficiency Stable sealing speed, more efficient.

Simple operation Simple operating panel, economical and durable, safe, low failure rate.

Protective devices Equipped with blade protection. Avoid accidental stab wounds during operation.

产品配置

名称	品牌
电机	台邦
气动元件	台湾亚德客
行程开关	欧姆龙

产品参数

名称	参数
封箱速度	0-20m/min
纸箱尺寸	600*500*500MM 200*150*150MM
耗用功率	400W
供给电源	220/380V 1ϕ-3ϕ 50/60Hz
适用胶带	W48mm/60mm/75mm 择一使用
重 量	300KG

捆扎机

Strapping machine



产品特点

- ◆打包带范围广
- ◆瞬间加热
- ◆捆扎牢固，速度快
- ◆维护、保养方便

Product characteristics

- ◆ Wide range of packing tape
- ◆ Instant heating
- ◆ Fast and fast
- ◆ Easy to maintain

产品特点

KZW系列无人化全自动捆扎机采用坚固、耐用、高效能的KZ机构为主体，免加油式的维护保养：特殊的送退带轨道设计，扩大了适用打包带的范围，降低了包装成本；采用单板PLC控制，设有自动补带功能，瞬间加热。

捆扎牢固、速度快：采用固态继电器输出，使用寿命增加，自动连续捆扎间隔时间可调台面采用动力辊筒可掀式传动机构，维护、保养方便。

运用光眼、配合动力输送机可实现完全无人化流水线上捆扎作业。自动化程度高也可单机使用。

KZW系列适合较轻的一般物件的无人化流水线上的捆扎。

Product characteristics

KZW series of unmanned automatic strapping machine adopts strong, durable and high efficiency KZ mechanism as the main body, no refueling maintenance: special return belt track design, expand the scope of suitable packing belt, reduce the packaging cost: adopt single board PLC control, with automatic repair belt function, instant heating.

Fast strapping: solid-state relay output, increased service life, automatic continuous strapping interval adjustable table with power roller lift drive mechanism, easy maintenance.

The use of light-eye and power conveyor can achieve complete unmanned assembly line binding operation. High degree of automation can also be used on a single machine.

KZW series of strapping on unmanned assembly lines suitable for lighter general objects.

产品参数

	KZW-8060/D
电源电压（V/Hz）	AC 380/50 220/60 三相
功率（W)	1400
捆扎包件尺寸（L*W*H)(mm)	740*600
捆扎速度（秒/道）	≤2.5
捆扎力（N）	25-700（可调）
工作台面高度（mm）	750
适用塑料袋（mm）	机用打包带宽度9-15，厚度0.5-1.1
外形尺寸（L*W*H）（mm）	1580*620*1470
净重（kg）	300

机械手

Manipulatos







产品特点

- 即时输入和输出的I/O点监视。
- 只须在触摸屏上输入数据及编号，即可完成生产转换。
- 错误讯息屏幕显示。记录以前的错误讯息，避免错误再发生。
- 维修信息屏幕显示。在机器人需要维修时，提供帮助与支援。
- 润滑油交换更新时间指示。
- 模式记忆能力标准400种。
- 通过触摸屏可以简单完成码垛样式的选择。

Product characteristics

- I/O point monitoring of instant input and output.
- Just input the data and number on the touch screen to complete the production conversion.
- Error message screen display. Record previous error messages to avoid recurrence.
- maintenance information screen display. Provide help and support when the robot needs maintenance.
- Lubricating oil exchange update time indication.
- model memory ability standard 400.
- Through the touch screen can simply complete the selection of palletizing style.

技术规格表

型号		EC-102	EC-171	EC-201
机械结构		多关节机器人		
动作方式		圆筒坐标型		
工作重量（包括抓手）		160KG	160KG	200KG
实际能力（特定条件下）		1200c/hr	1500c/hr	1800c/hr
动作范围	动作轴	标准四轴（可达到五轴）		
	Z轴（升降方向）	2300mm	2400mm	2300mm
	R轴（水平方向）	1500mm	1600mm	1500mm
	B轴（旋转方向）	330°	330°	330°
	a轴（抓手）	330°	330°	330°
抓手		夹板、手指、吸盘以及其他种类		
数据记忆能力		标准120种（可多达400种）		
视角方法		手动示教/示教支援/示教免除（可选择）		
电源（220V 3PH 50HZ）		3.5KVA	4KVA	6.5KVA
压缩空气		0.5Mpa	0.5Mpa	0.5Mpa
机器人本体重量		700KG	750KG	1150KG

锥式整粒机

Cone granulator



产品介绍

锥式整粒机，应用范围十分广泛，包括各种干粉，湿粉和敏感粉体，特别适合用于块状物料的粉碎和颗粒状物料的整粒松团等工艺。

设备特点

- 锥式整粒机，应用范围十分广泛，包括各种干粉，湿粉和敏感粉体，特别适合用于块状物料的粉碎和颗粒状物料的整粒松团等工艺。
- 得益于紧凑的模块化设计，可集成到整个系统中。凭借其独特的多样性和高性能，锥式粉碎机可实现粒径分布的优化,高产能。
- 经过认证的ATEX防爆构造, 用于0/20区和MIE系列可选择低于1 mJ的物料，保证生产高度安全。
- 高度的密封构造,满足OEB 5（ <1μg/ m3 ）的密封要求。
- 便捷快速的在位冲洗（ WIP ）。有在线清洗（ CIP ）和在线灭菌（ SIP ）的选项。
- 产品设计符合美国FDA, 欧盟GMP以及中国CGMP要求。
- 产品的核心部件转子和筛网从瑞士进口，其他关键零件选用丹弗斯、西门子、NSK、施耐德等国际知名品牌。

工作原理

- 根据物料的干湿特性，转子有菱形臂和圆形臂两种型号供选择。转子和筛网的剪切力和积压力，可以将物料粉碎至150 μm。
- 筛网有编制筛网、开孔板筛网，锉式筛网，孔径从小到大。客户可以根据物料特性和目标粒径来选择不同孔径和结构的筛网。

Product introduction

The cone type pelletizer has a wide range of applications, including all kinds of dry powder, wet powder and sensitive powder. It is especially suitable for the crushing of massive materials and the pelletizing and pelletizing of granular materials.

Equipment features

- The cone type pelletizer has a wide range of applications, including all kinds of dry powder, wet powder and sensitive powder. It is especially suitable for the crushing of massive materials and the pelletizing and pelletizing of granular materials.
- Thanks to the compact modular design, it can be integrated into the whole system. With its unique diversity and high performance, cone crusher can realize the optimization of particle size distribution and high production capacity.
- Certified ATEX explosion-proof structure, used in 0 / 20 area and Mie series, can choose materials lower than 1 MJ, to ensure high safety in production.
- High sealing structure, meeting the sealing requirements of OEB 5 (< 1 μ g / m3).
- Quick and convenient in place flushing (WIP). There are options for CIP and sip.
- The product design meets the requirements of FDA, EU GMP and China CGMP.
- The core components of the product rotor and screen are imported from Switzerland, and other key parts are selected from Danfoss, Siemens, NSK, Schneider and other international famous brands.

Working principle

- According to the characteristics of dry and wet materials, there are two types of rotor: Diamond arm and circular arm. The shear force and accumulated pressure of rotor and screen can crush the material to 150 μ M.
- There are three types of mesh, i.e. the mesh is made up of mesh, open plate mesh, file mesh, and the aperture is from small to large. Customers can choose different size and structure of screen according to material characteristics and target particle size.

产品参数

产品品牌	Frewitt	产品规格	FCM-207
产品类型	锥式整粒机	产品配置	非防爆/防爆
粉碎方法	干法整粒、湿法整粒、热敏性物料粉碎、其他	转速范围	900-1800rpm
适用物料	药物、食品、化工产品等	生产能力	1000-2300（kg/h）
产品密度	2kg/dm³	产品温度	-20℃至+60℃
粒径范围	5cm-150μm	防护等级	IP-55

真空上料机

Vacuum feeder



单机真空上料机



连续式真空上料机

产品特点

- 外接真空源阀门为气动角座阀，气密性及耐用性好；
- 独特的气包反吹设计，增大气量反吹效果好；
- 一对一的气嘴反吹设计效率高（一个气嘴对应一个滤芯）；
- 独特的“s”型翻边快卡连接及曲面密封硅胶圈设计，密封性好；
- 配备加强型卡箍，经久耐用；
- 真空上料机内壁采用镜面抛光，抛光度可达0.6微米，方便物料流动及设备清洗；
- 设备、管路各部分之间采用快卡式连接，易拆卸、易安装；
- 模具化生产，互换性好；
- 全金属结构，有效消除物料静电；
- 整个输送系统为密闭输送，工作过程中没有粉尘，保证员工的健康及环境的良好；
- 纯气动控系统

Product characteristics

- pneumatic corner valve, good air tightness and durability;
- unique air bag backblowing design, increase air volume backblowing effect;
- one-to-one air nozzle backblowing
- design efficiency (one air nozzle corresponding to a filter element);
- unique "s" flanging fast card connection and curved sealing silicone ring design, good sealing;
- equipped with enhanced clamps, durable; vacuum feeder inner wall with mirror polishing, polishing degree up to 0.6 microns, convenient material flow and equipment cleaning;
- equipment, pipe between the various parts of the use of fast card connection, easy to disassemble, easy to install;
- mold production, good interchangeability;
- all metal structure, effective elimination of static electricity materials;
- the whole conveying system for airtight transport, no dust during the working process, to ensure the health of employees and good environment;
- pure pneumatic control system

产品参数

名称	参数
输送量	1吨/H
真空流量	2~3m³/min
气源压力	0.5~0.7MPa

抓取滚筒输送机

Grab roller conveyor



产品特点

- 输送机规格可按要求定做
- 两侧安装护栏（宽度可调），防止物料掉落
- 光电自动感应
- 运行平稳可靠

Product features

- Conveyor specifications can be customized as required
- Install guardrails on both sides (adjustable width) to prevent materials from falling
- Photoelectric automatic induction
- Stable and reliable operation

产品简介

一种滚筒输送机,属于一种输送设备,包括输送架、电机以及多个平行设置的滚筒,其中,输送架上设有用于圆盘形工件输送时的导向定位机构,导向定位机构包括固定板、固定条以及对称设置的两个导向杆,固定板和固定条均与输送架连接且位于滚筒的下面,固定板上设有气缸和滑杆,滑杆上设有两个滑块,气缸的活塞杆上铰接有两个连杆,两个滑块分别与相对应的连杆铰接,两个导向杆均位于滚筒的上面,两个导向杆的一端分别与滚筒两端处的输送架铰接且可在铰接处伸缩滑动,两个导向杆的另一端分别与相对应的滑块铰接,固定条上设有两个用于圆盘形工件定位的限位柱。

Product Profile

The utility model relates to a roller conveyor, belonging to a conveying device, which comprises a conveying frame, a motor and a plurality of rollers arranged in parallel, wherein, the conveying frame is provided with a guide positioning mechanism for conveying a disc-shaped workpiece, the guide positioning mechanism comprises a fixed plate, a fixed strip and two guide rods arranged symmetrically, the fixed plate and the fixed strip are connected with the conveying frame and are located under the roller, The fixed plate is provided with a cylinder and a sliding rod, the sliding rod is provided with two sliders, the piston rod of the cylinder is hinged with two connecting rods, the two sliders are respectively hinged with the corresponding connecting rods, the two guide rods are both located on the top of the roller, one end of the two guide rods is respectively hinged with the transmission frame at both ends of the roller, and the two guide rods are respectively hinged with the corresponding sliders, The fixing strip is provided with two limit posts for positioning the disc-shaped workpiece.

产品配置

名称	品牌
电机	晟邦
光电传感器	神视

产品参数

名称	参数
输送机链板宽度	380/440/530MM
输送机材质	304不锈钢
耗用功率	0.75kw
供给电源	220/380V、50hz

平台秤

Platform scale



产品特点

智能

操作人员指南可以提高性能并消除错误

持久耐用

坚固的低碳钢结构用于重负载

精确

在过程应用中达到50,000d的性能

可立即投入使用

工厂校准确保快速设置

Product features

intelligence

Operator's Guide improves performance and eliminates errors

Durable

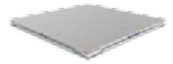
Robust mild steel construction for heavy loads

accurate

50000d performance in process applications

Ready for immediate use

Factory calibration ensures fast setup

型号		 PFA584	 PFA589
秤台材质	碳钢喷塑，蓝色	●	
	304不锈钢		●
	316L不锈钢		● *
台面板	平钢板		●
	花纹板	●	
秤台尺寸		0.8 x 0.8 m~2.0 x 2.0m	
秤台容量		300 kg~12,000 kg	
认证	计量	OIML Ⅰ级，CPA Ⅰ级	
	EMC	10 V/m	
防爆认证	ATEX欧洲防爆认证	无	3G / 3D 传感器SLB415: DEKRA 13ATEX0082 传感器0745A: KEMA 03ATEX1070 接线盒AJB579xx-a: BVS 18 ATEX E 008 2G / 2D 传感器SLB415: DEKRA 13ATEX0081 传感器0745A: KEMA 03ATEX1069 接线盒AJB579x-a: BVS 18 ATEX E 007
	IECEx国际防爆认证	无	Gb / Db or Gc /Dc 传感器0745A: IECEx DEK 15.0017 接线盒AJB579x-a/AJB579xx-a: IECEx BVS 18.0008
	FM美国	NI/I, II, III/2/ABCDFG/T6 Ta=55C	
	FM加拿大	NI/I, II/2/ABCDFG/T6 Ta=55C / DIP/III/2/T6 ta=55C	
	NEPSI中国防爆认证	Ex ic nIIC T4 Gc Ex nAIIC T4 Gc Ex tD A22 IP6X T1℃ Ex iIIC T4 Gb Ex ibD 21 T85-T135	
温度范围	补偿温度	-10℃-+40℃/14°F-104°F	
	工作温度	-20℃-+65℃	
信号电缆		聚氨酯2.5m, 5m, 10m, 20m	
传感器		SLB415 / 0745A, IP68/IP69K	
秤台接口		模拟或无线可选	

全自动二次套袋热合机

Fully automatic secondary bag sealing machine



产品特点

- 自动推包、自动套袋、自动热合
- PLC自动控制程序
- 气缸控制
- 光电自动感应
- 省时、省力、省人

Product features

- Automatic bag pushing, automatic bag covering and automatic heat sealing
- PLC automatic control program
- Cylinder control
- Photoelectric automatic induction
- Save time, labor and people

产品简介

一种全自动套袋机,包括内袋升降送料机构、内袋张口机构、插袋机构、外袋升降送料机构及外袋套袋机构；内袋张口机构包括内袋上吸气缸、内袋开口气缸及内袋出箱气缸；外袋套袋机构包括外袋上吸气缸、外袋出箱气缸、外袋开口气缸及外袋套袋气缸；内袋上吸气缸、内袋开口气缸、外袋上吸气缸及外袋开口气缸上分别设置有吸盘；插袋机构包括叉架横移气缸、叉架座、内袋叉架及内袋插袋气缸。本实用新型采用升降送料机构使内袋与外袋自动升降送料,采用气缸带动吸盘使内袋与外袋张开,采用气缸带动内袋叉架插在内袋内,并将外袋套在内袋外,全自动地完成复合型包装袋的套袋动作,结构简单,生产效率高,可替代手工套袋作业,降低成本。

Product Profile

A fully automatic bagging machine, Including inner bag lifting feeding mechanism, inner bag opening mechanism, bag inserting mechanism, outer bag lifting feeding mechanism and outer bag cover mechanism; inner bag opening mechanism includes inner bag upper suction cylinder, inner bag opening cylinder and inner bag outlet cylinder; outer bag cover mechanism includes outer bag upper suction cylinder, outer bag outlet cylinder, outer bag opening cylinder and outer bag cover cylinder; inner bag upper suction cylinder and inner bag opening cylinder Suction cups are respectively arranged on the suction cylinder, the outer bag upper suction cylinder and the outer bag opening cylinder; the bag inserting mechanism includes the fork frame traverse cylinder, the fork frame seat, the inner bag fork frame and the inner bag inserting cylinder. The utility model adopts the lifting feeding mechanism to make the inner bag and the outer bag automatically lift and feed, uses the air cylinder to drive the suction cup to open the inner bag and the outer bag, uses the air cylinder to drive the inner bag fork frame to insert into the inner bag, and covers the outer bag inside and outside the inner bag, fully automatically completes the bagging operation of the composite packaging bag, with simple structure and high production efficiency, which can replace the manual bagging operation and reduce the cost.

产品参数

名称	参数
套袋速度	3包/min
封口时间	0~9S可调
热封条尺寸	600/800/1000mm
耗用功率	0.75kw
供给电源	220/380V、50hz
气源压力	0.5~0.7MPa

产品配置

名称	品牌
气动元件	亚德客
光电传感器	神视

COOPERATIVE PARTNER
合作伙伴

科伦药业 KELUN PHARMACEUTICAL

HUAXING 华兴生物

齐鲁制药（内蒙古）有限公司

石药集团 CSPC

NHU 新和成

东北制药 NORTHEAST PHARM

ENSIGN

阜丰集团 FUFENG GROUP

华北制药

内蒙古常盛制药有限公司

HLV Vitamin

齐鲁制药

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