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TONGJI 通机®



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Improving Life by Technology

包装机械

**PACKAGING
MACHINERY**

UPDATE
2017

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Nantong Universal Machinery Co., Ltd.



TONGJI



南通通机股份有限公司位于中国东部的江苏省南通市，离上海车程仅1个半小时。

公司成立于1997年，为客户提供多种包装方案，满足客户各种生产需求，如圆形包装机、枕式包装机、装盒机、双层纸包装机、三维膜包装机、热收缩包装机、装箱机等，广泛应用于日化、食品、医药、化工等行业。

我们公司为国家高新技术企业，拥有多项专利技术，并与意大利、英国多家公司有紧密的技术合作关系。

公司通过ISO9001:2008质量管理体系认证，产品获得欧盟的CE认证，注册商标“通机”牌被授予江苏省著名商标，公司连续7年被中国人民银行评为3A信用等级单位(最高信用等级)。我公司为江苏省省级科技研发中心，是东南大学、南京航空航天大学、南通大学、上海工业大学的技术研发合作单位和大学生实践基地。

公司厂区面积18000m²，拥有齐全的机加工设备，包括车、铣、刨、磨、镗、钻、冲压、剪板、折弯、线切割、激光切割、精密坐标镗床、数控车床、数控铣床、Cincinnati立式加工中心、HASS立式加工中心等，以及铸造、锻造、焊接、抛光、热处理等加工能力。

公司设立独立的品保及质检中心，拥有英国Oxford金属元素及金相分析仪、硬度仪、振动仪、噪声仪等齐全的检测设备，保证产品质量。

Nantong Universal Machinery Co.,Ltd is located in Nantong, Jiangsu Province, 1.5 hours' drive away from Shanghai.

Established in 1997, Nantong Universal Machinery Co., Ltd provides all kinds of packaging solutions to meet different customer requirements, such as circular packaging, flow wrapping, cartoner, soap wrapping machine, shrink wrapping machine, over-wrapping machine and case packer, widely used in daily chemical, food, pharmaceuticals, chemical industries.

Our company has been awarded as nationally high advanced technical enterprise by state technological department, owns more than 20 patents and has set up close cooperative relationship in technology with several companies in Italy and England.

Our company is certificated by ISO9001:2008, and the products have got the CE certification. The registered trademark "TONGJI" is granted as "Jiangsu Famous Brand", and the company has been classified as best credit rating of AAA by People's Bank of China for successive seven years. As the provincial level research and development technical center, the company is the cooperative partner in technology research and development with Southeast University, Nanjing University of Aeronautics and Astronautics, Nantong University, Shanghai University of Technology as well as the practice base for university students. With a plant area of 18000, the company is equipped with complete set of machining equipments including turning, milling, planning, grinding, boring, drilling, punching, shearing, bending, line-cutting, laser cutting, precise jig borer, numerical-control lathe, numerical-control miller, Cincinnati vertical machining center, HASS vertical machining center, etc, as well as foundry, forging, welding, polishing, heat treatment and other process capabilities.

The company has set up independent Quality Assurance & Quality Inspection Center which is equipped with British WAS Mental Element & Metallographic Analyzer, scleroscope, vibroscope, noise analyzer and other inspecting tools to guarantee high quality.



企业荣誉

Business Honor



全球合作伙伴

Global Partners



全球销售网络

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XZB320, 380 枕式包装机

XZB320, 380 Flow Wrapper



设备描述

该机主要用于食品、化妆品、香皂、医药等行业产品的自动包装。

主要性能和结构特点

袋长无需人工设定,设备运行中自动检测,自动设定;
双变频简约机械结构,易维护、磨损少、寿命长;
主控制器采用本公司研制的单片机,触摸屏显示、变频控制、良好的人机界面、操作集中直观方便;
包装速度和成袋长度采用双变频控制。无级变速、调节范围宽、可以与生产线的前道工序完美匹配;
高感光电眼自动准确跟踪;
各封口温度独立控制、适合多种材料包装、封口美观牢固;
可安装间歇充气装置和喷酒精装置(食品专用)。

备注:该设备可选配三段喂料机构,从而达到与上游设备同步运行的目的。

Description

It's a fully automatic flow wrapping machine for food, cosmetic, soap, medicines, etc.

Main performance & structure characteristics

The bag length requires no manual setting. Machine can automatically detect and set the length;
Two-VFD simple mechanic structure is stable, which requires easy maintenance, and of low-wearing and long running life;
The main control adopts SCM, digital display and controlled by VFD. Friend HMI makes operation direct and easy;
Running speed and the length of bag are controlled by two VFDs, with stepless speed shift and wide adjustment range, which makes matching well with the upstream machines possible;
High sensitive photocell eyes system make tracking accurate;
Independent temperature control for each sealing device (mid sealing and end sealing), which is suitable for a wide variety of packing materials.
Device for intermission air charging and alcohol spray can be mounted (only for food industry).

Remark: This machine can be facilitated with 3-section smart infeed group, so that this machine can work with upstream machine synchronously.

产品型号	Model	XZB320	XZB380
包装速度	Wrapping Speed(pcs/min)	35~180	35~180
包装尺寸	Product Size(mm)	(L)90-240mm (W)30-130mm (H)5-45mm	(L)115-280mm (W)35-160 (H)5-60mm
设备功率	Power(kW)	3.4	3.4
外形尺寸	Dimensions(mm)	4000X950X1600	4000X950X1600
设备重量	Weight(kg)	1000	1000



XZB450 枕式包装机

XZB450 Flow Wrapper



设备描述

该机主要用于食品、化妆品、香皂、医药等行业产品的自动包装。

主要性能和结构特点

该机采用PLC、彩色触摸屏和伺服控制系统,大大提高了调速、制袋成型、切割长度的控制精度,整机工作可靠稳定,从而实现了整机的智能化和人性化控制。
伺服系统取代了繁琐的机械传动设置,具有运转平衡、震动小、噪音低等特点,从而使送料、送膜、纵封和横封等动作更可靠。

备注:该设备可根据生产线速度要求,选配两段、四段喂料机构,从而达到与上游设备同步运行的目的。

Description

It's a fully automatic flow wrapping machine for food, cosmetic, soap, medicines, etc.

Main performance & structure characteristics

This machine uses PLC, colorful touch screen and servo control system and greatly improves the accuracy of speed adjusting, bag forming and length cutting, so the machine is running with high reliability and supreme performance, easy and convenient to operate.
The servo system is adopted, instead of the traditional mechanical system, and the machine has the advantages of smooth running, low vibration and low noise, all of which ensure the high reliability of the product feeding, film feeding, bottom sealing and ends sealing

Remark: This machine can be facilitated with 2-section or 4-section infeed group according to the production line's speed, so that this machine can work with upstream machine synchronously.

产品型号	Model	XZB450
包装速度	Wrapping Speed(pcs/min)	50-150
包装尺寸	Product Size(mm)	(90-500)x(20-140)x(10-60)
包装膜宽	Wrapping Film Width(mm)	450-590
设备功率	Power(kW)	4
外形尺寸	Dimensions(mm)	4680X960X1550
设备重量	Weight(kg)	1000

XZB500 枕式包装机

XZB500 Flow Wrapper



设备描述

该机主要用于食品、化妆品、香皂、医药等行业产品的自动包装。

主要性能和结构特点

袋长无需人工设定,设备运行中自动检测,自动设定。
整机结构紧凑,占用空间少,采用双变频简约机械结构,易维护、磨损少、寿命长。
主控电路采用本公司研制的单片机,触摸屏显示、变频控制、良好的人机界面、操作集中直观、方便。
包装速度和成袋长度采用双变频控制。无级变速、调节范围宽、可以与生产线的前道工序完美匹配
高感光电眼自动准确跟踪。
各封口温度独立控制、适合多种材料包装、封口美观牢固。
可安装间歇充气装置和喷酒精装置(食品专用)。
双托纸结构和自动接膜装置,换膜操作简单、快捷,且精准度高。

备注:该设备可选配三段送料机构,从而达到与上游设备同步运行的目的。

Description

It's a fully automatic flow wrapping machine for food, cosmetic, soap, medicines, etc.

Main performance & structure characteristics

The bag length requires no manual setting. Machine can automatically detect and set the length;
Two-VFD simple mechanic structure is compact and stable, which requires easy maintenance, and of low-wearing and long running life;
The main control adopts SCM, digital display and controlled by VFD. Friend HMI makes operation direct and easy;
Running speed and the length of bag are controlled by two VFDs, with stepless speed shift and wide adjustment range, which makes matching well with the upstream machines possible;
High sensitive photocell eyes system make tracking accurate;
Independent temperature control for each sealing device (mid sealing and end sealing), which is suitable for a wide variety of packing materials.
Device for intermission air charging and alcohol spray can be mounted (only for food industry).
There are two rolls for mounting the films, which is convenient for film shifting.

This machine can be facilitated with 2-section or 4-section infeed group according to the production line's speed, so that this machine can work with upstream machine synchronously.

产品型号	Model	XZB500
包装速度	Wrapping Speed(pcs/min)	35-350
包装尺寸	Product Size(mm)	(L)70-220mm(W)35-99mm (H)5-50mm
包装膜宽	Wrapping Film Width(mm)	65-300
设备功率	Power(kW)	4
外形尺寸	Dimensions(mm)	3900X770X1500
设备重量	Weight(kg)	750

SCZ160 香皂双层纸包装机

SCZ160 Soap Paper Wrapper



设备描述

该设备专门设计用于长方形或类似形状香皂的包装。从打印机出来的香皂经由过度输送线传输进入设备。

主要性能和结构特点

通过四吸杯机构吸起、转向、放置后进入设备的进皂带,然后通过中部的星轮转向装置放皂,同时上部送纸机构进行剪纸、包装,热封后输出产品。整机由PLC控制,高度自动化,采用触摸屏操作和设置,简单方便。不仅能够与前道各种打印机配套,而且可以跟后道包装机进行整线联机自动化。

Description

This wrapper is specially designed for rectangular or similar shaped soaps wrapping. Soaps discharged from stamper will enter this wrapper via the intermediate conveyor

Main performance & structure characteristics

Be picked up by the 4-cup suction system for rotating, and then be put into the product line. The center part star wheel will be fed with soaps, and meanwhile the upper paper feeding system will feed paper, cut paper and wrap the soaps. The wrapped soaps will be sealed and discharged.
This machine is controlled by PLC, highly automated, configured with HMI for operation and settings, easy and convenient.
It can be used together with all kinds of upstream stampers and the downstream end-of-line packing machines for whole line automation.

产品型号	Model	SCZ160
速度	Speed(pcs/min)	120-150
包装尺寸	Product Size(mm)	(70-140) x (35-65) x (25-37)mm
肥皂重量	Weight of Soaps	60-300
设备功率	Power(kW)	3
外形尺寸	Dimensions(mm)	3450x950x2000
设备重量	Weight(kg)	1300

HZJ250 装盒机

HZJ 250 Cartoner



设备描述

设备主要应用于食品、药品、香皂和化妆品的硬纸盒全自动包装。

主要性能和结构特点

具有喷胶或插舌两种形式。
前端产品通过输送线进入包装机，通过吸出纸盒，打开纸盒，产品送入，熔胶粘盒，封闭纸盒，并在成品盒上自动打印上生产批号。中英文液晶显示屏可方便地进行参数调整，操作方便。PLC控制精度高，响应速度快，性能稳定。
喷胶温度靠温控仪自动控制，调整方便。

Description

The machine is mainly used in the food, medicine, soap and cosmetics packing etc.

Main performance & structure characteristics

It is designed with hot glue sealing or tucker type sealing systems. Upstream products go into the machine, and then go through the carton suction, open, product feed in, hot gluing, closing, code mechanical printing and output as finished product for case packing. Chinese/English touch screen is easy to operate and do the parameters setting. PLC is used for accurate control, fast response, and high reliability. Hot glue temperature is auto controlled for easy adjustments.

产品型号	Model	HZJ 250
包装速度	Wrapping Speed(pcs/min)	200-230
包装尺寸	Product Size(mm)	(75-200)x(25-75)x(25-55)
设备功率	Power(kW)	3.5
压缩空气	Compressed air pressure(MPa)	0.5-0.6
真空度	Vacuum(MPa)	-0.06
外形尺寸	Dimensions(mm)	3600x1300x2400
设备重量	Weight(kg)	2600

HZJ200装盒机

HZJ200 Cartoner



设备描述

HZJ200型全自动硬纸盒包装机主要应用于医药、日化（如牙膏）、食品等行业的包装设备。具有喷胶或插舌两种形式。

主要性能和结构特点

具有喷胶或插舌两种形式。
由上游设备生产出来的产品通过输送线进入包装机，经产品转向、纸盒吸取、纸盒打开、产品送入、钢码压批号、说明书插入（选项）、关盒、插盖（或喷胶粘合）后将产品输出。

Description

This machine is mainly used for pharmaceutical, daily chemical (such as toothpaste) and food industry, etc.

Main performance & structure characteristics

It is designed with hot glue sealing or tucker type sealing systems. The products from the upstream production line enter the packing machine via the conveyer belt. In this machine, the boxes are turned around, sucked out, opened, fed in products and printed with the batch number, inserted with the instructions, closed and then tucked or glued. At last, the finished boxes are automatically conveyed out. The control parts are of international famous brand and with Chinese/English touch screen, which is convenient to operate.

产品型号	Model	HZJ200
包装速度	Wrapping Speed(pcs/min)	200
产品尺寸	Product Size(mm)	(140-250)x(20-120)x(12-70)
设备功率	Power(kW)	5
压缩空气	Compressed air pressure(MPa)	0.5-0.6
真空度	Vacuum(MPa)	-0.06
外形尺寸	Dimensions(mm)	5850x1650x2050
设备重量	Weight(kg)	2500

TLC30立式装盒机

TLC30 Top-Load Cartoner



设备描述

立式装盒机是我公司自主研发的、专门针对“自封底”纸盒的自动装盒机。

主要性能和结构特点

设备主要分为取盒成型、主驱输送、机器人装盒、折页插舌四大部分。

机架及绝大多数零部件均采用优质铝型材加工，食品级PU同步带，PC防护门，符合GMP要求。

整机采用PLC控制、伺服驱动，间歇式动作，稳定高效；采用先进的并联机器人将排列好的产品抓取入盒，往复动作，配合产品、空纸盒两处到位检测及机器尾端的剔除机构，保证装盒准确无误。

Description

This Top-Load cartoner is specially designed for carton packed products, like candies, gums, coffee, medicines, etc.

Main performance & structure characteristics

It is mainly includes carton picking and forming part, main drive part, small robot loading part and fold-inserting part.

Most part of the machine is made of aluminum alloy, food grade PU timing belt, PC safe guard, which matches GMP requirement.

It is controlled by PLC and servo system. Intermittent action makes it stable and efficient; advanced small robot device grabs products and put into the cartons. There are detecting system for products and cartons, as well as rejecting devices ensures proper packing.

Max speed can reach 30 bmp. This machine can be used both in a line or separately.

产品型号	Model	TCL30
速度	Speed(bpm)	20~30
产品尺寸	Product Size(mm)	(150-230)x(80-150)x(60-150)
装机功率	Power(kW)	5
压缩空气	Compressed air pressure(MPa)	0.4-0.6
真空度	Vacuum(MPa)	-0.08

SWM 系列三维膜包装机

SWM Series Overwrapper



设备描述

本机特别针对药品、香皂、牙膏、食品、音像制品等多层集合包装设计而成。用BOPP膜或PVC膜将多个小盒物品自动输送、堆垛、成形、封结，包装成一中包。

主要性能和结构特点

设备主体采用铝合金构建，PLC控制，伺服下膜，无色标模式还是定长模式，切膜长度都十分精准。

三把烫刀采用独立的温控系统，烫膜温度得到有效控制，从而保证了每批产品都能达到一致的包装效果。

可视化转换线设计，调整位置都安装读数和标尺，以及快速插拔机构，可实现在15-20分钟内快速切换包装规格，最大程度满足客户一机多用的要求。

其包装的产品外形平整、美观、严密并可自动粘贴防伪易拉线，是当前各种薄膜包装形式中最美观和高档的方式。

Description

This machine is specially designed for pharmaceuticals, soap, toothpaste, food and audio disc production. It uses BOPP and PVC film to wrap several small boxes into bundle through automatic product feeding, stacking, forming and sealing.

Main performance & structure characteristics

The mainbody is of aluminum alloy structure and it's controlled by PLC. Servo system makes film cutting accurate, no matter it's color mark detecting mode or fixed-length cutting mode.

There are three pairs of sealing plates, which are good for temperature control to ensure good wrapping.

Change-over is simple and visible for counters, rulers and fast pull and plug devices. Only 15-20 minutes is needed for changing sizes, which is convenience for customers.

This kind of package looks very even and beautiful and can have the anti-fake linear. Of all film packaging methods, overwrapping is the most artistic and high tier product package.

产品型号	Model	SWM30	SWM50
包装速度	Wrapping Speed(pcs/min)	25~30	45~50
包装尺寸	Product Size(mm)	(60-200)x(35-90)x(40-160)	(60-200)x(35-90)x(40-160)
设备功率	Power(kW)	8	9
压缩空气	Compressed air pressure(MPa)	0.6	0.8
外形尺寸	Dimensions(mm)	2930x1800x1000	3200x1800x1000
设备重量	Weight(kg)	850	950

SWM 系列Mini三维膜

SWM Series Mini Overwrapper



设备描述

Mini三维膜是我公司针对体积较小、外形规则的产品开发的三维膜包装机，广泛用于化妆品、保健品、扑克牌等小盒的包装。

主要性能和结构特点

设备主体采用铝合金构建，PLC控制，伺服下膜，无论色标模式还是定长模式，切膜长度都十分精准；加之三把烫刀独立的温控系统，烫膜温度得到有效控制，从而保证了每批产品都能达到一致的包装效果。

可视化转换线设计，调整位置都安装读数和标尺，以及快速插拔机构，可实现在15-20分钟内快速切换包装规格，最大程度满足客户一机多用的要求。

Description

This mini Over Wrapper is specially designed for small sized regular products, mainly used for cosmetics, health products, cards, etc.

Main performance & structure characteristics

The mainbody is of aluminum alloy structure and it's controlled by PLC. Servo system makes film cutting accurate, no matter it's color mark detecting mode or fixed-length cutting mode.

There are three pairs of sealing plates, which are good for temperature control to ensure good wrapping.

Change-over is simple and visible for counters, rulers and fast pull and plug devices. Only 15-20 minutes is needed for changing sizes, which is convenience for customers.

产品型号	Model	SWM30-mini
包装速度	Wrapping Speed(bpm)	20-25
包装尺寸	Product Size(mm)	(60-150)x(35-80)x(20-80)
设备功率	Power(kW)	8
压缩空气	Compressed air pressure(MPa)	0.6
外形尺寸	Dimensions(mm)	2170x2030x1600
设备重量	Weight(kg)	680

RSS系列热收缩包装机

RSS Series Shrink Wrapper



主要性能和结构特点

设备采用著名品牌的PLC控制、伺服系统、触摸屏操作，能实现设备精确运动控制并利于客户操作，满足客户需求。机器外壳采用以PC板为主的透明结构，以便即时观察设备的内部情况。

一次包装好的产品通过输入输送带进入热收缩包装机，经过进给、堆叠码垛、推进、裹膜、切膜、热收缩，出料等工序，实现全自动化可控生产。当设备发生堵塞时，根据不同的堵塞部位，机器相应部位停止工作。设备本身自带报警系统，可提示各种非正常运行状态。

Main performance & structure characteristics

This machine adopts famous PLC, servo system, and touch screen etc, which can accurately control the movements of machine and it is also convenient to operate. Machine covers are transparent PC plate, which is convenient to observe the running state of the machine.

The products from the upstream packaging machine enter the wrapper via the conveyer belt. In the wrapper, the products via feed, stack, impelling, tucker, film wrapping, thermal shrink and outfeed processes to complete the automatic production. Different units will stop when jam happens, according to error place. There is also automatic alarm system, which is useful for indicating the running errors.

产品型号	Model	RSS10	RSS25	RSS35
包装速度	Wrapping Speed(pcs/min)	10	25	35
产品尺寸	Product Size(mm)	(120-280)x(25-60)x(25-50)	(120-280)x(25-60)x(25-50)	(120-280)x(25-60)x(25-50)
包装后尺寸	Bundle Size(mm)	(120-280)x(50-240)x(70-250)	(120-280)x(50-240)x(70-250)	(120-280)x(50-240)x(70-250)
功率	Power(kw)	10	15	20
压缩空气	Compressed air pressure(MPa)	0.6	0.6	0.6
外形尺寸	Dimensions(mm)	2950x2200x1750	2950x2500x1750	4450x3600x1750
设备重量	Weight(kg)	1500	2000	2500

枕包式热收缩包装机 Pillow Type Shrink Wrapper



主要性能和结构特点

往复枕式包装机是一种能适应多种产品规格和包材种类连续式包装机，广泛运用于食品、药品、日用品、工业零件、汽车配件等行业。设备采用PLC、伺服系统等先进技术，配合高感度光电眼色标跟踪，数字化输入封切位置，使封切位置更加准确，高速运行时也能保证封切效果，同时产生的废膜更少；人机界面使得机器操作更为简单。

Main performance & structure characteristics

The reciprocating pillow type packaging machine is a product able to adapt to a variety of sizes and types of packaging materials continuous packaging machines, widely used in food, medicine, daily necessities, industrial parts, auto parts and other industries. Equipment using PLC, servo systems and other advanced technology, with sensitivity photoelectric eye tracking, digital input cut position which makes the cutting position more accurate, but also to ensure the sealing and cutting effect high-speed operation, waste film while producing less; man-machine interface makes machine operation easier.

型号	Model	TJSE-5100A-HS	TJM-5100G-HS
速度	Speed(rpm)	Max200	Max150
包装膜宽度	Film Width(mm)	Max600	Max600
切割长度	Cutting Length(mm)	75-250	75-250
包装产品的尺寸	Product Size(mm)	W: Max280mm H:Max120mm	W: Max280mm H:Max120mm
电源电压	Power Supply	3 phase 380V 50HZ	3 phase 380V 50HZ
功率	Power(kw)	6KW	6KW
热收缩炉功率	Power Consumption OF The Shrink Tunnel	19kw(BSF-3000G)/23kw(BSF-4200G)	19kw(BSF-3000G)/23kw(BSF-4200G)
端封封接方式	End Seal Type	Lengthwise/Crosswise 纵向封接、横向封接	Lengthwise/Crosswise 纵向封接、横向封接
中封封接方式	Center seal type	Static Electricity cutting edge/heat seal 静电、切底边、热封接	Static Electricity cutting edge/heat seal 静电、切底边、热封接
重量	weight	1100	1100

L型封切机 L-type Shrink Wrapper



主要性能和结构特点

该机采用PLC、彩色触摸屏和伺服控制系统，大大提高了调速、制袋成型、切割长度的控制精度，整机工作可靠稳定，从而实现了整机的智能化和人性化控制。伺服系统取代了繁琐的机械传动设置，具有运转平衡、震动小、噪音低等特点，从而使送料、送膜、纵封和横封等动作更可靠。备注：该设备可根据生产线速度要求，选配两段、四段送料机构，从而达到与上游设备同步运行的目的。

Main performance & structure characteristics

This machine uses PLC, colorful touch screen and servo control system and greatly improves the accuracy of speed adjusting, bag forming and length cutting, so the machine is running with high reliability and supreme performance, easy and convenient to operate. The servo system is adopted, instead of the traditional mechanical system, and the machine has the advantages of smooth running, low vibration and low noise, all of which ensure the high reliability of the product feeding, film feeding, bottom sealing and ends sealing.

名称	Description	Shrink Wrapper	名称	Description	Shrink Oven
速度	Speed (bpm)	40~50	炉腔尺寸	Oven Size(mm)	1500x500x300
横封刀尺寸	End Seal(mm)	450x150	最大包装尺寸	Product Size(mm)	Max1300x400x250
最大包装宽度/高度	Product W+H (mm)	Max 400	输送带速度	Conveyor (m/min)	0-20
功率	Power(kW)	3	功率	Power(kW)	16
压缩空气	Compressed air pressure(MPa)	0.4-0.6			

ZXJ系列半自动装箱机

ZXJ Series Semi-auto Case Packer



设备描述

先进的伺服叠堆系统, 先进的伺服推皂系统, 特殊设计的吹空盒装置, 特殊设计的防止皂盒后退装置。

主要性能和结构特点

该设备广泛应用于食品、医药、日化 and 电子等行业的包装。该设备自动多层叠堆、装箱、输出, 但需要人工放箱的半自动装箱机。系统选用国际著名品牌的PLC和触摸屏控制, 该设备符合CE安全标准。

Description

Specially designed non-return mechanism for soap boxes, Advanced servo stacking system, Advanced servo soap-pushing system, Specially designed mechanism for blowing off the empty boxes.

Main performance & structure characteristics

This machine is widely used for food, pharmaceutical, daily chemical and electrical industries. It's a semi-auto case packer which can automatically stack the products, push them into the case and discharge the case out, but needs manual case opening. This machine uses world famous PLC and touch screen. This machine can meet CE safety standards.

产品型号	Model	ZXJ10 (Semi-Automatic)
装箱速度	Speed(cases/min)	3-5
设备功率	Power(kW)	1
产品尺寸	Product Size(mm)	(90-120)x(30-45)x(50-70)
箱体尺寸	Case Size (mm)	(320-450)x(190-250)x(130-230)
压缩空气	Compressed air pressure(MPa)	0.6
主机尺寸	Main Machine Size(mm)	2550x2300x1800
输入输送线尺寸	Infeed Conveyor Size	TBD by product infeed speed and stacking formation 根据产品速度和装箱方式定
设备重量	Weight(kg)	750

YZX系列全自动装箱机

YZX Series Automatic Case Packer



设备描述

YZX自动装箱机应用于牙膏、香皂、化妆品、药品、食品、鞋油等产品生产线末端, 实现盒状和捆包类产品的自动装箱和封箱。

主要性能和结构特点

设备采用PLC、伺服电机、变频器、触摸屏等先进技术, 实现设备精确运动控制并利于客户操作, 满足客户需求。设备运行中, 经装盒机生产出来的成品通过输入输送带进入高速装箱机, 包装机本身通过夹持回拉、Z堆叠、X推进、Y推进装箱、折大叶、折小叶、封箱、90度翻转送出各工序, 整个过程全部自动化。

Description

YZX series fully automatic case packer is mainly used in the end of toothpaste, soap, cosmetic, medical, food and shoeshine production lines to complete the automatic case packing and sealing of carton shape products.

Main performance & structure characteristics

This machine uses PLC, servomotor, VFD and touch screen etc. advances technology, which can accurately control the movement of machine and it is convenient to operate to meet different requirement. The products come out from the carton packing machine, and enter the high speed case packer via the conveyor belt. In the case packer, the machine via carry & pull, Z carriage, X impelling, Y impelling & case packing, big-tucker, small-tucker, sealing and 90 degree rotation etc working processes. All the processes are automatic.

产品型号	Model	YZX10	YZX20
装箱速度	Speed(cases/min)	8-10	18-20
设备功率	Power(kW)	7	9
产品尺寸	Product Size(mm)	(120-200)x(190-240)x(70-150)	(120-200)x(190-240)x(70-150)
纸箱尺寸	Case Size(mm)	(310-550)x(160-320)x(175-250)	(310-550)x(160-320)x(175-250)
压缩空气	Compressed air pressure(MPa)	0.6	0.6
设备尺寸	Machine Size(mm)	5800x2300x2500	5800x2300x2500
设备重量	Weight(kg)	3500	3500

YZX-KC全自动装箱机

YZX-KC Automatic Case Packer



设备描述

该系列全自动装箱机，是集喂料、叠堆、开箱成型、装箱、关箱和封箱等功能于一身的装箱设备，适用于盒装、中包等形状规则的产品的前道包装。

主要性能和结构特点

设备采用模块化和透明式设计，可实现快速换线。
设备采用PLC、伺服系统、Device Net等先进技术，功能强大却易于操作，动作复杂却便于维护。
可与前后道设备联机，实现无人化包装。

Description

This series case packer integrates product infeed, sacking, case opening and forming, loading, closing and sealing functions. It's suitable for cartons or bundles products.

Main performance & structure characteristics

This case packer is of module and transparent design, convenient for fast product change-over.
It is controlled by PLC and servo system with Device Net technology. It's of strong performance and easy for operation, with complicated motions but of easy maintenance.
It can be connected with upstream machines for full-automatic packing.

产品型号	Model	YZX-KC15
装箱速度	Speed(cases/min)	12~15
设备功率	Power(kW)	15
产品尺寸	Product Size(mm)	(180-480)x(200-390)x(100-14)
纸箱尺寸	Case Size(mm)	(360-510)x(220-380)x(240-420)
封箱形式	Sealing Type	胶带左右自动封箱 Tape right and left automatic sealing
压缩空气	Compressed air pressure(MPa)	0.6
设备尺寸	Overall Size(mm)	10400x5200x2200
设备重量	Weight(kg)	6000

VZX10 立式装箱机

VZX10 Vertical Case Packer



设备描述

此设备为我公司专门为日化、食品、药品等行业开发的自动装箱，以取代人工，提高自动化水平。

主要性能和结构特点

从上游设备出来的一通道产品，经过分道或者内部整合实现产品的抓取功能，根据前道的产品速度，该设备可以实现一次性抓取多箱的功能，同时可以根据产品的装箱形式，实现产品的多层抓取，满足不同客户的产品需求。
设备采用PLC、伺服电机、变频器、触摸屏等先进技术，实现设备精确运动控制并利于客户方便操作。

Description

This machine is mainly used in daily chemical, food industry, and pharmaceutical, etc. To instead of the manual and improve the automation level.

Main performance & structure characteristics

The products from the upstream machine by single lane and divide into several lanes by automatic divider, and the gripper will grip the products into opened case, the gripper can grip several cases of products in one-time, and also several layers in one case.
This machine uses PLC, servo motor, VFD and touch screen etc, advances technology, which can accurately control the movement of machine and it is convenient to operate to meet different requirement.

循环速度	Speed(cycle/min)	8
抓手最大负重	MaxWeight for Gripper(KG)	10
功率	Power(KW)	5
压缩空气	Compressed Air Pressure (MPa)	0.6
压缩空气消耗	Compressed Air Consumption(L/min)	Max200

CE-10 纸箱开箱机

CE-10 Case Erector



主要性能和结构特点

采用国际先进技术制造，并采用进口零部件，电器元件及气动元件；
采用立式储存纸板方式，并可随时补充纸箱板，不需停机；
适用于同一时间同种纸箱尺寸包装使用，如需变换纸箱规格，手动调节即可，所需时间1-2分钟；
合理化设计，同步吸取成型，摺底与封底一次同步成型；
体积轻巧，机件性能精密耐用，运作过程无振动，运转稳固寿命长，效率高；
加装透明有机玻璃防护罩，开门自动停机，避免操作意外；
可单机作业，也可与自动化包装流水线配套使用。

Main performance & structure characteristics

This machine adopts international advanced technologies and imported parts, electric elements and pneumatic elements;
This machine adopts the way of vertical storage cardboard and can add cardboard at any time without the need of downtime;
This machine can be applied for the packaging cartons of same size at the same time, if need to change the carton specification, you can just manually adjust it with 1~2 minutes;
This machine is of reasonable design to simultaneously draw in shape with the back and the end of a complete synchronization;
This machine is lightweight and of precise and durable mechanical performances, it has no vibration, stable operation and high efficiency;
This machine is equipped with transparent perspex guard and it stops automatically to avoid unexpected accidents if the guard is open;
This machine can not only stand alone operation, but also match with automatic packaging line.

机器型号	Type	CES-10
开箱能力	Speed(cases/min)	10箱/分钟
纸箱暂存量	Carton Storage	100pcs (1000mm)
纸箱尺寸	Carton Size	L:250~450 W:150~400 H:100~400mm
使用电力	Power supply	220V 1Φ 200W
必要空气压	Air Pressure	6kg/cm ²
空气消耗量	Air Consumption	450NL/min
机械尺寸	Dimensions	L2000xW1900xH1450mm
机械重量	Weight	450kg
胶带尺寸	Tape Size	48、60、75mm

CS系列封箱机

CS Series Sealer



主要性能和结构特点

采用国际先进技术制造，并采用进口零部件，电器元件及气动元件；
根据纸箱规格，自动调节宽度和高度；
自动折纸箱上盖，上下自动贴上胶带，快速，平整，美观；
配装刀片防护装置，避免操作时意外刺伤；
操作简单方便，可单机作业，也可与自动化包装流水线配套使用。

Main performance & structure characteristics

This machine adopts international advanced technologies and imported parts, electric elements and pneumatic elements;
This machine adjusts the width and the height automatically according to the carton size;
This machine folds the carton cover automatically and tape automatically sealing up and down, fast, smoothly and nice;
This machine is equipped with blade guards, to avoid accidents during operation;
This machine is easy to operate, it can not only stand alone operation, but also match with automatic packaging line.

型号	Type	CS-50	CSS-50
传送速度	Speed	0-20m/min	0-20m/min
最大包装尺寸	Maximum Product Size	L [∞] xW500xH500mm	L600xW500xH500mm
最小包装尺寸	Minimum Product Size	L150xW150xH140mm	L200xW150xH150mm
供给电源	Power supply	220/380V 50HZ	220V/380V、50-60HZ
耗用功率	Power	240W	400W
适用胶带	Tape Size	W48mm、60mm、75mm 择一使用	W48mm、60mm、75mm择一使用
机器尺寸	Dimensions	L1170xW900xH1350mm (不含前后滚筒架)	L1170xW850xH1520mm (不含前后滚筒架)
机器重量	Weight	170kg	250kg



打包机

Packer



主要性能和结构特点

最新研制的电子逻辑电路系统，可提高机器的速度与准确性；
 机器可实现无人捆包，也可单键控制整个捆包过程，简单易用；
 按客户要求，可订制1-5道捆包，速度：2.0秒/道；
 独特铝合金支架，最新型的机械结构，免加油；
 选用国际知名品牌的电器元件，全机质量稳定可靠。

Main performance & structure characteristics

This machine adopts the latest electronic logic circuit system, which can improve the speed and accuracy of the machine;
 This machine can not only reach bundle without labour, but also the whole process of packing can be controlled with a single-button and easy to use;
 This machine can be customized to reach 1-5 bundles according to customer's requirements and the speed is 2.0Sec./Strap;
 This machine is of unique aluminum frame and latest mechanical structure free of oil;
 This machine adopts world famous electric elements and the quality is stable and reliable.

型号	Type	TJGEQ-220HA
电源	Power Supply	380V/50HZ
功率	Power	1.05KW
捆包速度	Speed	2.0Sec./Strap
捆紧力	Packing Force	5-80Kgs
适用PP带	Tape Size	宽：9-16mm 厚：0.5-1.0mm
弓架尺寸	Frame Size	W850xH600mm (可按要求定制) (can be customized)
机器尺寸	Dimensions	L1412xW600xH1540mm
机器重量	Weight	245kg



机器人码垛机

Robotic Palletiser



设备描述

高效准确、经济实惠、安全可靠的全自动机器人码垛系统满足大袋、木箱、纸箱等产品的码垛需求。

主要性能和结构特点

机器人是码垛系统的核心。它能把袋子、盒子或木箱堆成垛，然后放置在适合的输送设备上运输到你需要的任意位置，装好的托物盘可以用堆高机进行叠堆，或安全轻便地通过滚筒输送设备运输到最后储存地或者进行流转。

Description

Affordable and reliable automatic palletising systems for bags, boxes, crates, trays, etc.

Main performance & structure characteristics

Robust are at the core of these versatile systems. Filled sacks, boxes or crates enter a palletising cell, then picked from a suitable conveyor to be stacked in any configuration you choose. The filled pallet can then be removed from the cell with a forklift truck via Light Activated Entry Guards or discharged on an automatic takeaway roller system for storage or removal.

单一托盘单元	Single Pallet Static Cell	多个托盘单元	Dual Pallet Static Cell
单一托盘运输滚筒线	Single Pallet Take-away roller	多个托盘运输滚筒线 (包括托盘分配器)	Multi-Pallet Take-away roller (with Pallet Dispenser)
单夹机械手	Single Gripper Robot Hand		
双夹头机械手	Double Gripper Robot Hand		
真空吸盘等	Vacuum Sucker	适用于紧凑空间的小号机器人 (具托盘高度受限)	Half size Robot for tight spaces (Pallet height limitations)

WR 50M 自走式拉伸薄膜缠绕膜机器人

WR 50M Self Propelled Robot For Stretch Wrapping

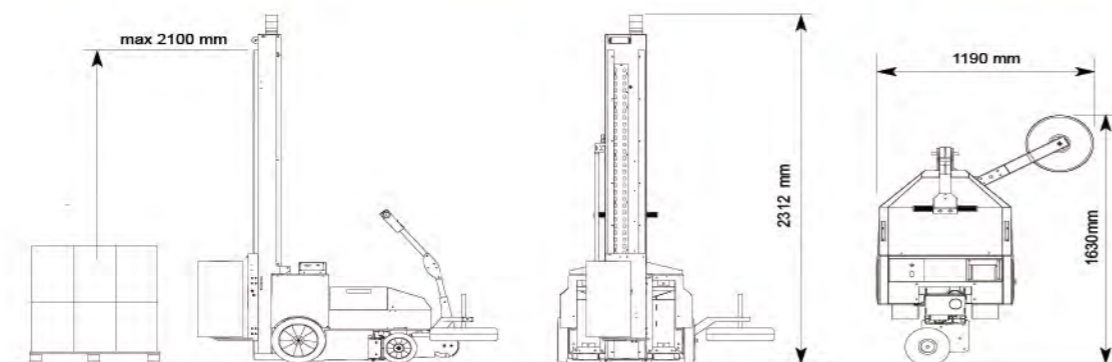


主要性能和结构特点

触摸屏控制;
顶部/底部缠绕时间可调;
膜架上升/下降速度可调;
急停按钮;
外置充电接口;
电池指示器;
最大旋转速度: 63m/分钟;
充一次电可使用次数: 100~120 (托盘尺寸: 宽800x长1200x高1800)。

Main performance & structure characteristics

Adjustable functions by control panel;
Top /Bottom revolutions wrapping time adjustable;
Carriage ascent/descent speed adjustable;
Emergency stop button;
External plug for battery charger;
Battery charge indicator;
Max. rotation speed:63m/min;
Max pallet wrapping with one charge:100 to 120(Pallet size:w.800xl.1200xh.1800.



PAKLET F1 转盘式拉伸薄膜缠绕膜机

PAKLET F1 Turntable Stretch Wrapping Machines

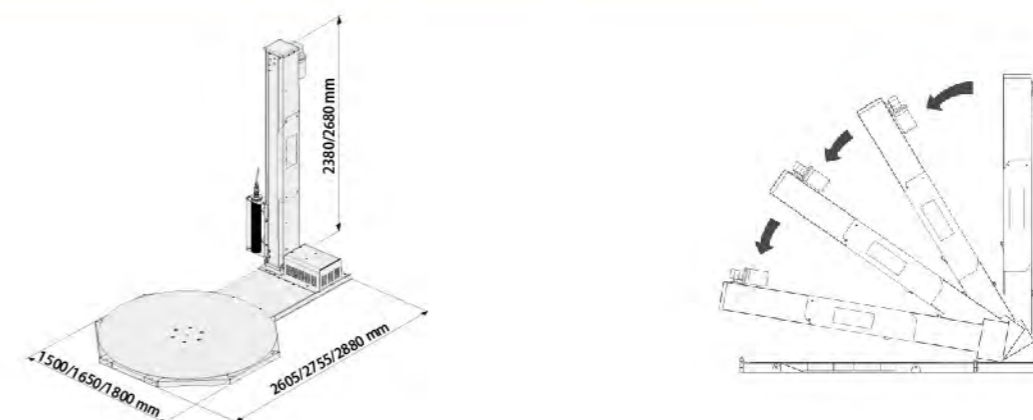


主要性能和结构特点

结构简单, 价格便宜;
占地面积小, 耗能低;
傻瓜机型, 操作简单, 故障率低;
多种缠绕模式选择, 适用范围广;
转盘旋转速度、膜架升降速度均可调整, 达到最佳缠绕效果;
自动感应货物高度;
多种配套件可供选择, 实现更强功能

Main performance & structure characteristics

Simple and affordable;
Compact, power-saving;
Easy operation and low failure;
Various wrapping modes, wide usage range;
Adjustable plate rotating speed;
Carriage ascent/descent speed adjustable;
Auto-induction of the product height;
Various optional auxiliary devices facilitate strong functions.



全自动悬臂式预拉伸缠绕膜机

Automatic Arm Type Stretch Wrapping Machines



主要性能和结构特点

夹膜机构机械离合;
 夹膜机构磁性离合;
 变频器控制调节转臂转速;
 变频器控制调节托盘速度;
 手动/自动模式选择;
 上/下裹膜手动/自动选择;
 缠绕结束后软启动定位停机;
 裹膜时间独立调节;
 托盘高度检测电眼。

Main performance & structure characteristics

Film reel holder with mechanical clutch(M);
 Film reel holder with electromagnetic clutch(FM);
 Adjustable arm rotation speed by Inverter;
 Ascent/Descent adjustable carriage's speed by Inverter;
 Manual & Automatic program Selector;
 Ascent & Descent carriage Manual & Automatic Selector;
 Soft start with fix stop at the end of the wrapping cycle;
 Adjustable wrapping time independent UP/DOWN;
 Pallet height reader magic eye.

最大卷膜厚度	Maximum height of film roll	500mm
最大卷膜直径	Maximum diameter of film roll	250mm
膜预拉伸	Film reel holder and motorized film pre-stretch)	200%
气压	Air pressure	6bar
循环耗气量	Air consumption for cycle	15NL/分
电源	Power supply	230-400V 3相+N+T
功率	Installed Power	0.98kw
设备重量	Machine Weight	500KG

整线集成

Packing Line Integration

