

ZHEJIANG INTERNATIONAL BUSINESS GROUP WULIU CO.,LTD

1. 智能装盒机 Intelligent Packing Machine

1.1性能特点 Performance characteristics:

该装盒机是我公司根据照明电器行业产品进行研发、制造定制的明星产品，应用范围普泡、节能灯、A球泡、柱灯（高富帅、白富美）、灯丝灯等，其优点：高效率、省人工，可一机多用规格，其操作流程如下：

This cartoning machine is a star product developed and customized by our company according to the products of lighting electrical appliance industry. Its application scope is general bubble, energy-saving lamp, A bulb, column lamp (Gao Fushuai, Bai Fumei), filament lamp, etc. Its advantages are: high efficiency, labor saving, and multiple specifications for one machine. Its operation flow is as follows:

1、能自动完成纸盒自动成型、打开、产品装盒、封口等工作。

Automatic carton forming, opening, product packing and sealing.

2、该机采用PLC控制。光电监控各部位动作，运行中出现异常，能自动停机显示原因，以便及时排除故障。

This machine is controlled by PLC. Photoelectricity monitors the actions of all parts, and can automatically stop the machine to display the reasons if there is any abnormality during operation, so as to eliminate the faults in time.

3、机架内部装有主驱动电机和离合制动器，并在机板上装有各部分传动系统扭矩过载保护器，可以在超负荷的情况下，实现主驱动电机与各传动部分脱开，确保整机的安全。

The main drive motor and clutch brake are installed in the frame, and the torque overload protector of each transmission system is installed on the machine board, which can realize the separation of the main drive motor from each transmission part under overload and ensure the safety of the whole machine.

4、该机设有智能检测装置。无物料自动不下纸盒，方便和前道设备连动工作。

The machine is equipped with intelligent detection device. No material can be automatically discharged from the paper box, which is convenient to work in conjunction with the previous equipment.

5、该机可以单独使用，亦可与其它设备连动使用，形成成套生产线。

This machine can be used alone or in conjunction with other equipment to form a complete production line.

6、该机可根据用户的不同使用要求，可更换包装规格，调节及调试简便，即适用于大批量单一品种的生产，同时又可以满足用户小批量多品种的生产。

The machine can change the packaging specifications according to the different use requirements of users, and the adjustment and debugging are simple, which is suitable for the production of a single variety in large quantities and can meet the production of multiple varieties in small batches of users.

7、设备具有产品记数及运作速度显示功能。

The equipment has the functions of product counting and operation speed display.

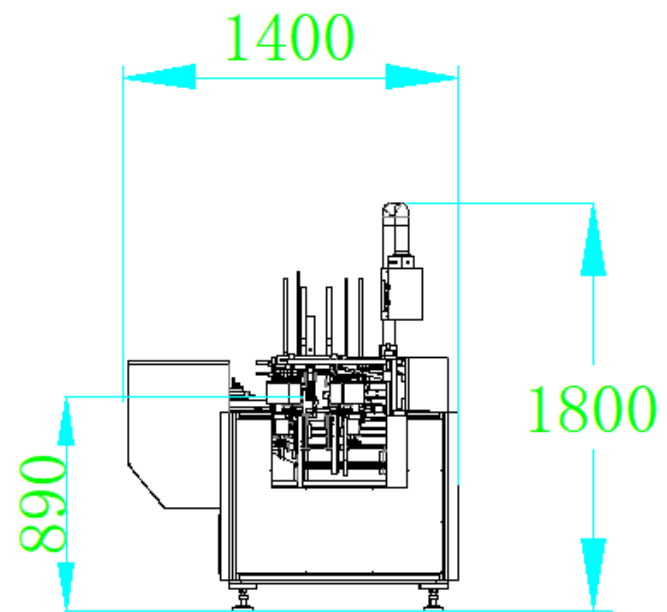
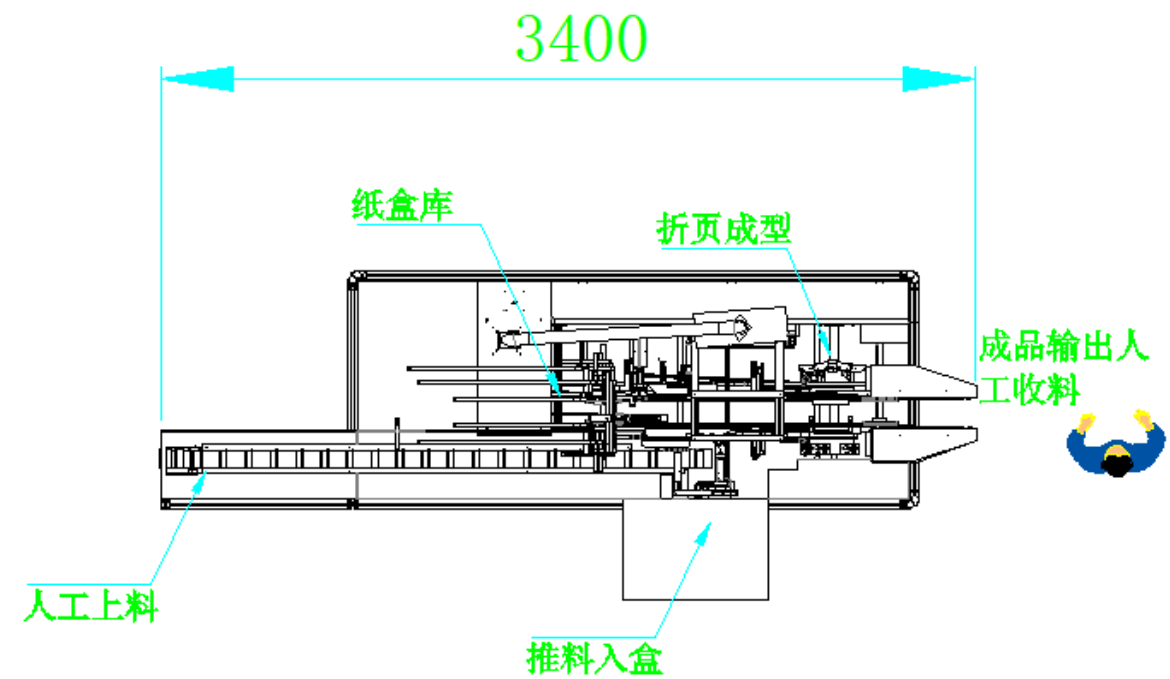
1. 智能装盒机 Intelligent Packing Machine

- ▶ 设备工序说明/:Equipment process description
- ▶ 人工放置产品入装盒机物料输送--检测光电检测到物料--纸盒自动成型--左侧页自动折页成型--产品自动推料入盒--右侧页自动折页成型--左右大折页自动折页成型--成品输送带将折好纸盒输送出设备--完成
- ▶ Manual placement of products into the cartoning machine material conveying —— photoelectric detection of materials —— carton automatic forming—— left page automatic folding forming ——product automatic pushing into the carton ——right page automatic folding forming——left and right large folding automatic folding forming——finished product conveyor belt will fold the carton out of the equipment——completed



1. 智能装箱机 Intelligent Packing Machine





NO	Description	Qty.(sets)	Remark
1	Intelligent Packing Machine 智能装盒机	1	(Product specifications: φ50-80 产品规格：球泡φ50-80
2	Automatic wrapping and shrinking machine 袖口套膜收缩机	1	产品排列方式： 球泡φ50-A70双层10个、 球泡φ80单层5个 Product arrangement method: Bubble φ50-A70 double layer 10, Belling φ80 single layer 5

1. 智能装盒机 Intelligent Packing Machine

▶ 1.1 智能装盒机参数资料/Parameter data of intelligent Packing machine :

NO	设备机型 Equipment model	RY-ZH-80	备注 remarks
1	包装速度 Packaging speed	40-70PCS/min	视产品而定 Product dependent
2	尺寸 size	L70-180×W50-80×H50-80mm	
2	电机功率 Motor power	1.5KW	
3	电源类型 Power type	220V 50/60Hz	
4	适用包材 Applicable packaging materials	灰卡纸、白卡纸、瓦楞纸 Grey cardboard, white cardboard, corrugated paper	
5	气源 Gas source	0.6-0.8 Mpa	
6	外形尺寸 Overall dimension	约3400*1400*1800mm About 3400*1400*1800mm	
7	整机重量 Machine weight	About 1200kg	

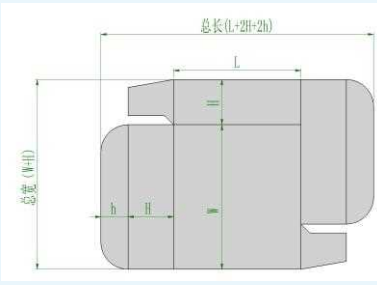


1.智能装箱机 Intelligent Packing Machine

▶ 1.2配置信息 Configuration information

NO	配置名称 Configuration name	品牌/规格 Make / specification
1	PLC	台达/Delta
2	触摸屏touch screen	台达/Delta
3	变频器/Frequency converter	台达/Delta
4	检测电眼Detection eye	欧姆龙/OMRON
5	开关电源 Switching Mode Power Supply	明纬MEAN WELL
6	断路器Circuit breaker	施耐德/Schneider
7	按钮Button	施耐德/Schneider
8	接触器Contactor	施耐德/Schneider
9	继电器模组Relay module	欧姆龙/OMRON
10	气动原件 Pneumatic components	亚德客/SMC/国产 AirTAC / SMC / domestic
11	直线滑轨Linear slide	鼎瀚/Downside
12	电机electric machinery	东邦DPG

1. 智能装盒机 Intelligent Packing Machine

▶ 1.3 纸盒工艺要求 Craftsmanship requirements

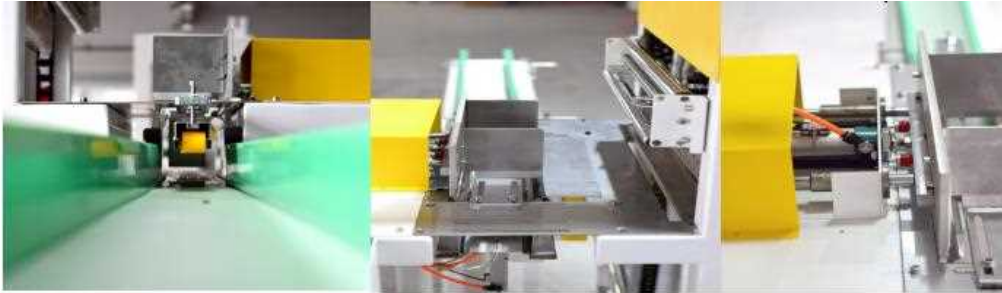
No	内容 content	备注 Remark	
1	纸盒如图所示L\W\H共用 The carton is shared by L \ W \ H as shown in the figure	figure 1	
2	纸盒粘合前需满足 > 120度预折，且粘合后不得粘胶； 压痕压至最深 Before the carton is bonded, you must meet the > 120 degrees pre -discount, and you must not stick the glue after the bonding; Reversal pressure to the deepest		
3	瓦楞纸盒纹路为竖纹，灰卡、白卡纸盒纹路为横纹； Corrugated paper box pattern is vertical, gray card, white card carton pattern is horizontal;		
4	左右侧页成型后需要预留纸张厚度缝隙 After the left and right page is formed, you need to reserve the thickness of the paper.	figure 2	
5	纸盒大折页插舌两端倒角半径等于插舌宽度加2mm，制作后倒角不留直边 The chamfering radius of the chamfer of the container of the paper box is equal to the width of the tongue plus 2mm. After production, the chamfering does not leave a straight edge.	figure 3	

1.智能装箱机 Intelligent Packing Machine

1.3 纸盒工艺要求 Craftsmanship requirements

- ▶ 小结：
- ▶ 以上为纸盒自动化工艺要求；根据以上工艺要求并提供合格样品给我司技术进行确认为准；最终工艺以设备验收为准（包材存放的地方，纸张不能受潮，且来料齐整不可变形）。
- ▶ summary:
- ▶ The above is the requirements of the carton automation process; according to the above process requirements and provided a qualified sample to confirm the technology; the final process is based on equipment acceptance (where the packaging material is stored, the paper cannot be tide, and the materials are uniformly unable to be transformed))
Essence

2. 袖口套膜收缩机 RY-XK-500A Automatic wrapping and shrinking machine



2.袖口套膜收缩机 RY-XK-500A Automatic wrapping and shrinking machine

▶ 2.1设备工序说明/:Equipment process description

产品来料 Product incoming materials—理料排列 Arrange materials—码垛 stacking —套膜、切膜 Film covering and film cutting—热收缩 thermal contraction—成品出料 Finished product discharging



2.袖口套膜收缩机 RY-XK-500A

Automatic wrapping and shrinking machine

► 2.2设备介绍、特点Equipment introduction, characteristics :

RY-XK-500A是集众多使用者的实际使用情况，在市场普通设备基础上改进创新产品，优化细节推陈立新，使包装流畅，使用者操作轻松。RY-XK-500A适用于球泡灯，灯丝灯等盒装或原物料的单层与多层的码垛的集体无（有）底托收缩包装，包装过程中具体自动排列、堆垛等功能，大大提高了生产效率，产品经过包装后具有外观整洁，紧凑不散，方便装箱保证物品质量及长途运输需要。主要适用于日常生活、五金原件等的集合热缩包装。

RY-XK-500A is based on the actual use of many users. It improves innovative products on the basis of ordinary equipment in the market, optimizes details and introduces new ones, making the packaging smooth and easy for users to operate. RY-XK-500A is suitable for the bulb-free, filament lamp and other boxed or single-layer and multi-layer palletizing of the raw materials without collective (with) bottom support shrink packaging, specific automatic arrangement, stacking and other functions during the packaging process , The production efficiency is greatly improved. The product has a neat appearance after packaging, compact and not scattered, which is convenient for packing to ensure the quality of the goods and the need for long-distance transportation. It is mainly suitable for collective heat shrink packaging of daily life, original hardware, etc.

2.袖口套膜收缩机 RY-XK-500A Automatic wrapping and shrinking machine

▶ 2.2袖口套膜收缩机RY-XK-500A参数资料信息

Cuff sleeve shrink machine RY-XK-500A parameter information :

电源power supply	220v 50/60HZ
功率power	1.2KW
温控温度temperature control	0-250°C
适用封切范围尺寸 Applicable sealing and cutting range	L175-470mm W70-160mm H70-140mm
工作速度Working speed	6-8pcs/min
气源Gas source	4-8/Mpa
外形尺寸Machine size	2500*1000*1700 (含前道输送皮带Including front conveyor belt)
整机重量Machine weight	400Kg

2.袖口套膜收缩机 RY-XK-500A Automatic wrapping and shrinking machine

▶ 2.3、袖口套膜收缩机RY-XK-500A配置信息

Cuff sleeve shrink machineRY-XK-500A configuration information :

品牌 brand	名称name	数量 Quantity
台邦GPG	电机90W Motor : 90W	3
施耐德 Schneider	PLC	1
威纶通 Weilun pass	人机界面 HMI	1
施耐德Schneider	接触器 Contactor	4
施耐德Schneider	电源开关 Switch	1
施耐德Schneider	急停开关 Emergency switch	1
施耐德Schneider	报警灯 alarm lamp	1

2.袖口套膜收缩机 RY-XK-500A Automatic wrapping and shrinking machine

▶ 2.4、袖口套膜收缩机 RY-XK-500A 配置

Cuff sleeve shrink machine RY-XK-500A configuration :

电源 power supply	380v 50-60HZ
功率 power	9.6KW
收缩炉尺寸 Shrinking furnace size	1000x500x300mm
输送速度transfer speed	0-12m/min
输送载重Delivery weight	25kg max
机器尺寸Machine size	L1500 x W1000×H1370 mm
整机重量Total Weight	185kg
适用收缩膜 Applicable shrink film	PVC