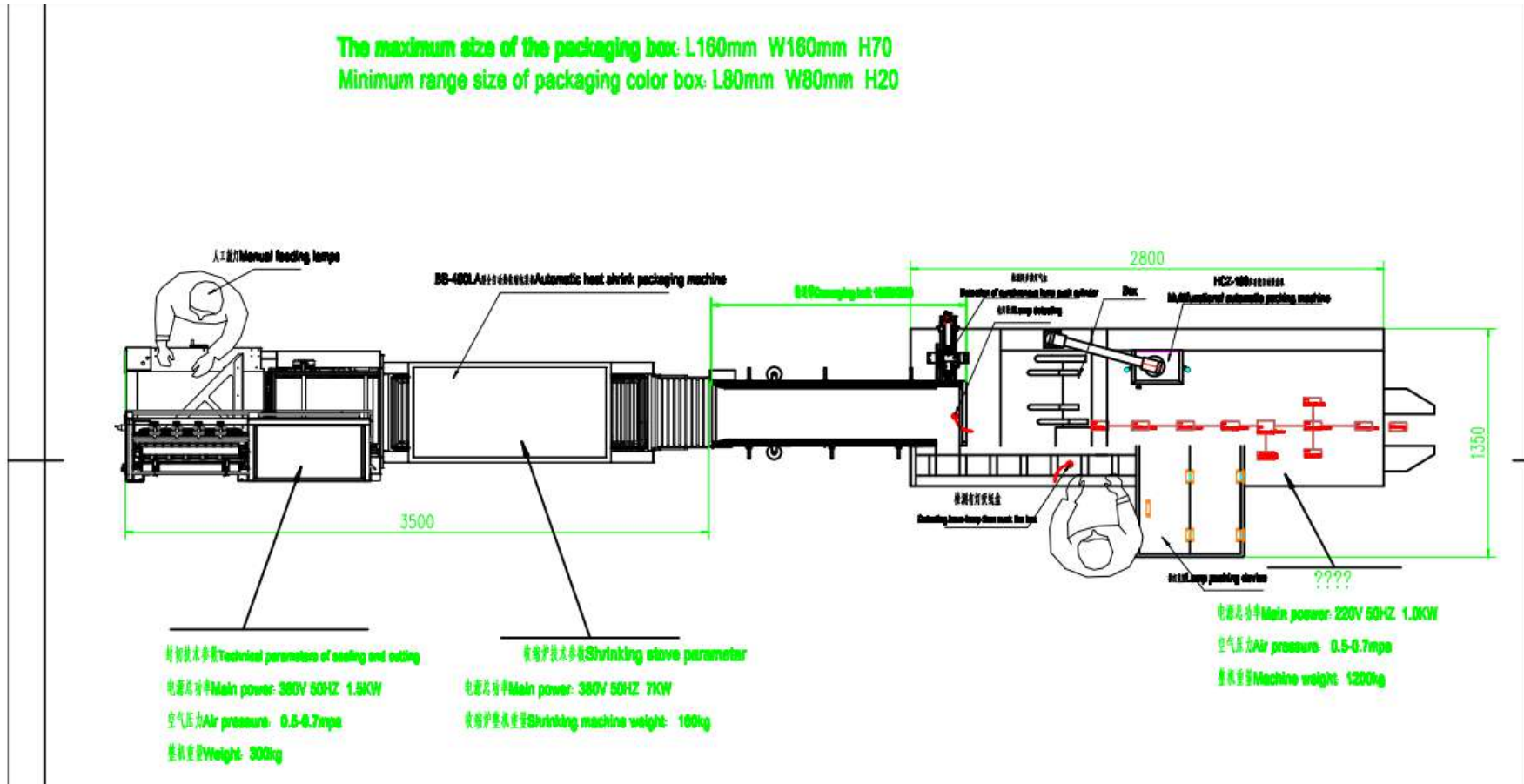




Automatic packing-shrinking production line layout





XH160 Main technical parameters of automatic packing machine

Power supply	AC220V two-phase three-wire power supply 50--60Hz Total power 1.0 kW
Dimension (L×W×H) MM	3600×1350×1750
Weight(KG)	1200
Capacity	主机运行速度 20-60 盒/分钟 Running speed 30-60 boxes / min
Air consumption	20 m ³ / h (pressure 0.5-0.7 mpa)
Packing material	纸盒质量: 300-350 克/平方米 (视纸盒尺寸而定) 规格: 最大尺寸 (长×宽×高) 160×160×70 毫米 最小尺寸 (长×宽×高) 80×40×20 毫米 Carton quality: 300-350 g/m ² (depending on carton size) Specifications: Maximum size (L×W×H) 160×160×70 mm Minimum size (L×W×H) 80×40×20 mm
Compressed air	0.5MPa flow rate greater than 0.6m ³ /min

Performance and characteristics 性能及特点

该机是我公司研制的新产品，应用范围广，效率高，运行稳定，可一机多用，适用于药品、食品、化妆品、电子的包装，其性能特点如下: This machine is a new product developed by our company. It has a wide range of applications, high efficiency, stable operation, and can be used for multiple purposes. It is suitable for the packaging of medicine, food, cosmetics and electronics. Its performance characteristics are as follows

1、能自动完成纸盒成型、打开、物料装盒、封口等工作。并可配热熔胶系统完成热熔胶封口。

It can automatically complete the carton forming, opening, material boxing, sealing and other work. It can also be equipped with a hot melt adhesive system to complete the hot melt adhesive 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。The machine is controlled by PLC. Photo electricity monitors the movements of various parts, and if there is an abnormality during operation, it can automatically stop and display the cause, so as to eliminate the fault 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离，确保整机的安全。

The main drive motor and clutch brake are installed inside the frame, and the torque overload protector of each part of the transmission system is installed on the machine board, which can realize the disconnection of the main drive motor from each transmission part in the case of overload, so as to ensure the safety of the whole machine. Safety.

4、该机设有智能检测装置：无物料自动不下内衬、不下纸盒，方便和前道设备连动工作。在检测过程中发现内衬未吸下立即停机排查不合格品，保证产品质量完全达到合格要求。

The machine is equipped with an intelligent detection device: if there is no material, the inner lining and the carton will not be placed automatically, which is convenient to work in conjunction with the front equipment. During the inspection process, it is found that the lining has not been sucked down and immediately shut



down to check the unqualified products to ensure that the product quality fully meets the qualified requirements.

5、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 requirements of users, and it is easy to adjust and debug.

6、产能：**XH160型带自动下内纸衬装置**的产能**30--60**盒/每分钟。

Capacity: The capacity of XH160 with automatic feeding inner paper lining device is 30---60 boxes/min

7、该机具有设备负载离合保护**装置**：The machine has an equipment load clutch protection device:

①推内衬保护报警。②未下盒报警。③推灯过载报警。

①Protect alarm of Push the lining . ②Protect alarm of box not released. ③ Push light overload alarm.



Packing machine main configuration

Name	Qty.	Model	Remark	Brand and place
人机界面 Man-machine interface	1	TK6071IP	威伦 Willen	台湾 Taiwan
PLC	1	FX3G-40M	可编程控制器 PLC	三菱 Mitsubishi
变频器 Frequency converter	1	FR-D720S-0.75K-CH T	0.75	
接触器 Contactor		LC1-D1810		施耐德 Schneider
断路器 circuit breaker	2	1C3		
	2	2C10		
	1	3C16		
光电开关 photoelectric switch	1set	E3V-DS8		
继电器 Relay	2	MY4		欧姆龙 OMRON
继电器组 Relay set	3	G6B-4BD		
开关电源 Switching power supply	1	S8X-5024	台湾 Taiwan	明伟 Meanwell
电磁阀 Solenoid valve	4	4SV210-08		亚德客 Airtac
调压阀 Pressure regulating valve	1	GFR30008-F1/PT	二联件 Two parts	
真空发生器 Vacuum generator		VTM20-C	韩国 Korea	AIKANG
主减速电机 Main deceleration motor	1	MTD57-Y0.75-4P	380V	恒齿 HENGCHI
轴承 Bearing	Whole set	All kinds of specifications		哈尔滨 HAERBING
耐磨部件 Wear-resistant parts	Whole set	GCr15		上海宝钢 Baosteel
不锈钢外罩 Stainless steel cover		SUS304		韩国浦项 South Korea POSCO
变压器 Transformer				国产 China



热收缩机技术参数 Technical parameter for shrinking machine

主要技术参数 Main technical parameters BS-400LA	
封切形式 Sealing form	L 型全封闭式 L-type fully enclosed
电 源 Power supply	380V/50-60Hz/3phase
最高速度 maximum speed	10-35Package / Min.
包装高度 Packing height	≤125mm
包装宽度 Packaging width	≤350mm
包装尺寸 package size	宽度 Width+高度 height≤400mm 长度 L+高度 H≤480mm
使用薄膜 film	POF fold film
最大薄膜 Maximum film	530mm(W)×280mm (external diameter)
总 功 率 Total power	1.5kW
平台高度 Platform height	780-850mm
气 压 Air pressure	≤0.5MPa(5 bar)
封切系统 Sealing system	恒温加热系统，容易更换切刀，封切不冒烟无臭味 Constant temperature heating system, easy to replace the knife, seal without smoke without odor
主要材质 Main material	碳钢 carbon steel
整机重量 weight	300kg
主要技术参数 Main technical parameters BMD-450C	
电 源 Power supply	380V/50-60Hz/3phase
炉体尺寸 Oven size	1200mm(L), Oven mouth 400 (W) ×220 (H) mm
输送速度 transfer speed	可调
输 送 带 conveyor	链式输送带，滚轴套硅胶管 Chain conveyor belt, roller sleeve silicone tube
总 功 率 total power	7kW
平台高度 Platform height	780-850mm
主要材质 Main material	碳钢 carbon steel
整机重量 Weight	160kg



BS-400LA+BMD-450C 全自动热收缩包装机(L 型全封闭)

Automatic thermal shrink packaging machine (L-type fully enclosed):

No.	Name	Model	Brand	QTY	Remark
1	对射开关 Shooting switch	E3Z-T61	日本欧姆龙 Omron, Japan	1	
2	温控仪 temperature controller	E5CSL-RTC	日本欧姆龙 Omron, Japan	2	
3	继电器 relay	MY2N-J DC24V	日本欧姆龙 Omron, Japan	5	
4	行程开关 position switch	Z-15GW-B	日本欧姆龙 Omron, Japan	2	
5	开关电源 Switch	NES-50-24	台湾明纬 Meanwell, TW	1	
6	交流接触器 AC contactor	CS-09	天高 TIANGAO	3	
7	接近开关 proximity switch	OBM-D04NK	浙江军工机电 Zhejiang military electromechanical	1	
8		OBM-D04NB	浙江军工机电 Zhejiang military electromechanical	1	
9	气缸 cylinder	SC63×100-S	台湾亚德克 Airtac, TW	1	
10	磁性开关 magnetic switch	DS1-A	台湾亚德克 Airtac, TW	1	
11	电磁阀 solenoid valve	4V210-08 DC24V	台湾亚德克 Airtac, TW	1	
12	调压阀 Pressure regulating valve	GFR200-08-F1	台湾亚德克 Airtac, TW	1	
13	输送电机 Transfer motor	三相异步电机 Three-phase asynchronous motor 180W	浙江锦龙 Zhejiang jinlong	2	
14	蜗杆减速机 Cochlear reducer	030 1: 15	浙江锦龙 Zhejiang jinlong	2	
15	放膜电机 Release film motor	90TDO60D4-2	苏州斯奥克微电机 SOK MOTOR	1	
16	牵引电机 pulling motor	5RK40GU-CF 1: 12.5	浙江利邦 LPG MOTOR	1	



17	收废电机	5RK25GN-C 1: 15	浙江利邦 LPG MOTOR	1	
18	前输送带 Front conveyor belt	1700×350×1mm	上海奥羿 AOYI,SHANGHAI	1	环带 Circular belt
19	后输送带 rear carrier	1534×370×1mm	上海奥羿 AOYI,SHANGHAI	1	环带 Circular belt
20	封切刀 Seal cutting knife	LV2A02	XINEH	2	
21	电热管 heating element	Φ10×480/570mm	广州电热电器公司 Guangzhou Electric Thermal Electric Appliance Company	2	
22	硅胶皮 Silicone belt	8mm	上海青浦莲盛宏伟制品 Shanghai Qingpu Liansheng magnificent products	2	
23	热电偶 thermocouple	K 型	温州红星仪表厂 Wenzhou Hongxing Instrument Factory	2	
24	链条 Chain		武汉金环链条有限公司 Wuhan Jinhuan Chain Co., Ltd		
BMD-450C 双循环热收缩包装机 Double-cycle heat-shrink packaging machine					
25	风机电机 Fan motor	5RK60A-CF	浙江利邦 Zhejiang LiBang	3	耐高温 thermostability
26	输送电机 Transfer motor	5RK120RGU-CF	宁波中大 ZD,NINGBO	1	
27	石英加热管 Quartz heating pipe	Φ20×980mm 800W	广州电热电器公司 Guangzhou Electric Thermal Electric Appliance Company	9	
28	耐高温硅胶套管 High temperature resistant silicone casing	Φ8×400mm	上海聚四氟材料厂 Shanghai PTF material Factory	130	
29	温控仪 temperature controller	E5CSL-RTC	日本欧姆龙 Omron, Japan	1	



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30	调速器 speed controller;	SS-02-8	上海星固 Shanghai XINGGU	1	
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