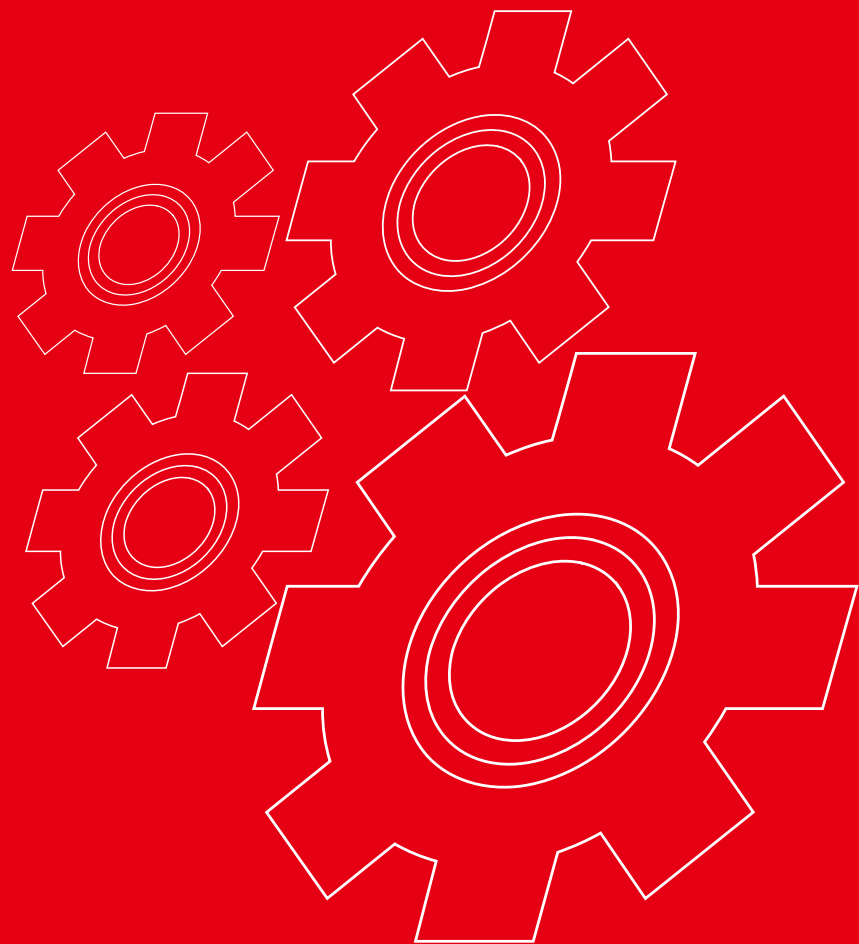




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鸿铭股份订阅号



广东鸿铭智能股份有限公司

GUANGDONG HONGMING
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※由于产品设计不断改良，以上图片以及参数仅供参考。如有更改，恕不另行通知。
Due to the continuous product improvement, the photos and parameters are for your reference only.



股票代码：301105

鸿铭股份之 **至悦**
HONGMING STOCK ZHIYUE

广东鸿铭智能股份有限公司

GUANGDONG HONGMING INTELLIGENT JOINT STOCK CO.,LTD

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公司简介

Introduction

广东鸿铭智能股份有限公司（以下简称“鸿铭股份”）是专注研发制造智能机械设备的集团公司。鸿铭股份起源于1999年，坐落于美丽的粤港澳大湾区--广东省东莞市，公司为国内包装行业从手工制作过渡到机器生产开创先河，是国内首家礼盒设备生产厂家。同时鸿铭股份为国内行业内首家A股上市公司，股票代码为301105。鸿铭股份下属全资子公司有：东莞市鸿博科技有限公司；江苏鸿禧科技有限公司，集团研发及生产面积近20万平方米。

历经20多年的精耕细作、开拓进取、与时俱进，鸿铭股份成为国家知识产权优势企业、东莞市百强企业、拥有省级工程技术研究中心等诸多荣誉。公司拥有近300项专利，60多项软件著作权，同时公司通过了欧盟CE认证及ISO质量管理体系认证。

强大的研发团队、精密的智能制造能力、高效的销售团队以及专业的售后服务体系，在广大客户的支持和认可下，鸿铭股份设备远销德国、欧美及东南亚多个国家，在国内外市场占居极大份额。

鸿铭股份生产多系列全智能和全自动半自动制盒机以及印后包装所需的其他配套设备。广泛应用于各类精品包装盒、手机盒、珠宝盒、化妆品盒、鞋盒、服装盒、食品盒、酒盒以及其它精品盒的生产和制作。

鸿铭股份为您一站式提供植物纤维、纸浆模塑整套自动化解决方案及智能化产品整套生产线。广泛应用于各类工业纸托及植物纤维餐具的生产和制作。

鸿铭股份以秉持领先技术、倡导行业风范、标志上乘品质、推动工业文明为公司运营发展宗旨，鸿铭股份会一如既往让产品高度融合市场、品质信誉至上；以客户需求为核心、不断开拓创新。欢迎广大新老客

Guangdong Hongming Intelligent Joint Stock Co., Ltd. (hereinafter referred to as "Hongming Stock") is a group company focusing on the research, development and manufacturing of intelligent machinery and equipment. Hongming Stock originated in 1999 and is located in the beautiful Guangdong-Hong Kong-Macao Greater Bay Area - Dongguan City, Guangdong Province. The company is the first manufacturer of gift box equipment in China, pioneered the transition from manual production to machine production in the domestic packaging industry. At the same time, Hongming Stock is the first A-share listed company in the domestic industry, with a stock code of 301105. The wholly-owned subsidiaries of Hongming Stock are: Dongguan Hongbo Technology Co., Ltd., Jiangsu Hongxi Technology Co., Ltd., with a research and development and production area of nearly 200,000 square meters.

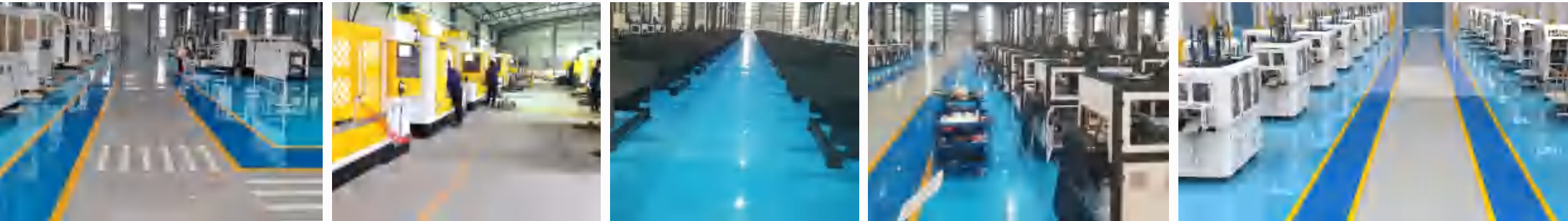
After more than 20 years of intensive cultivation, pioneering and enterprising, and advancing with the times, Hongming Stock has become a national intellectual property advantage enterprise, a top 100 enterprise in Dongguan, and has many honors such as a provincial engineering technology research center. The company has nearly 300 patents and more than 60 software copyrights. At the same time, the company has passed the EU CE certification and ISO quality management system certification.

Strong R & D team, sophisticated intelligent manufacturing capabilities, efficient sales team and professional after-sales service system, with the support and recognition of our customers, Hongming Stock's equipment is exported to Germany, Europe, America and many countries in Southeast Asia, which has occupied a large share at home and abroad.

Hongming Stock produces multiple series of fully intelligent, fully automatic, semi-automatic rigid box making machines and other supporting equipment required for post-press packaging, which are widely used in the production of various high-quality packaging boxes, mobile phone boxes, jewelry boxes, cosmetic boxes, shoe boxes, clothing boxes, food boxes, wine boxes and other premium boxes.

Hongming Stock provides you with a complete set of automation solutions and intelligent production lines for plant fiber and pulp molding in one stop, which are widely used in the production of various industrial pulp trays and molded fiber tableware.

Hongming Stock takes upholding leading technology, advocating industry style, marking superior quality, and promoting industrial civilization as the company's operation and development purpose. Hongming Stock will, as always, make products highly integrated with the market, put quality and reputation first, take customer needs as the core, and continue to develop and innovate. Welcome all the new and old customers to visit. Hongming Stock is looking forward to win-win cooperation with you!



公司荣誉与发展

Company honor and development

通过26年的不懈努力，我们逐步成为业内一流的设备制造企业，并先后取得了各种不同的资质和荣誉，这将促使我们为客户提供更完善的服务质量。

With 26 years constant efforts, we gradually become a first-class equipment manufacturer in this industry. We also acquired various qualifications and honors. These guarantee us to provide more comprehensive services for our customers.



鸿铭股份之 至悦

HONGMING STOCK ZHIYUE

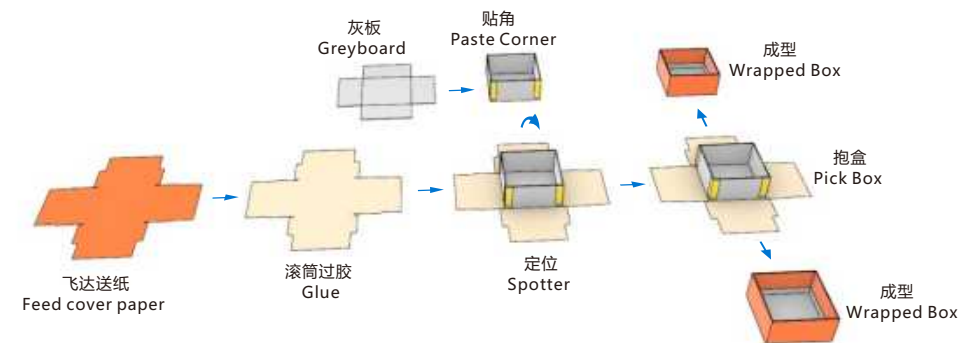
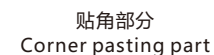


功能说明 >>> Description

在飞达、过胶和输送带使用知名品牌伺服驱动，可无极变速，高精度，易调节，省时间；定位部分采用图像定位系统及机器人抓取部件，提高定位精度及效率，误差范围在 $\pm 0.05\text{mm}$ ，且速度更快；成型机采用日本进口THK线性导轨和虚拟电子凸轮驱动，更稳定耐磨且动作更流畅，折入深度及折耳长度尺寸范围也更大。

HM-CX3525D adopts PLC and man-machine control, camera tracing system, and can automatically feed cover paper, feed greyboard, paste four corners, spot greyboard, lift box, wrap box, fold corner edges and form box.

The feeder, the gluer and the conveyor are driven by servos, the machine has continuously variable transmission and enjoys high accuracy, easy adjusting, and less time consumption. The spotting unit adopts camera tracing system and robot arm to pick and spot the greyboard ,enhancing the spotter accuracy to $\pm 0.05\text{mm}$. The forming unit employs Japan THK linear slider and virtual cam driving system, guaranteeing the stable quality and fluent movement and enlarge the folding-in depth and corner edges.



智能精品盒生产线 >>> Lntelligent rigid box production line

>机组特点和标准配置

1. 适合各种天地盖硬盒的自动生产;

2. 双工位气动成型; (详见注释)

3. 手动调节换模;

4. 长边、短边分层包边成型;

5. 全电脑功能参数的设置;

6. 故障诊断功能;

7. 自动吸送面纸和送灰板功能;

8. 24小时胶水定时加热功能;

9. 成型机内置300项产品配方;
10. 贴角加热采用四通道微电脑温控模块分路独立控制;

11. 多功能机器人视觉影像定位系统; (详见注释)

12. 成型部分自动拾盒引取装置; (详见注释)

13. 胶水粘度自动控制系统(选配); (详见注释)

14. 自动换模功能(选配); (详见注释)

15. 拉模部件与主滑块同步; (详见注释)

16. 伺服底模; (详见注释)

17. 出盒方向平行于主输送带;

>Features and function:

1. Suit to all kinds of rigid boxes in mass production;

2. Double-station pneumatic forming; (Details please check the note)

3. Size change Manual adjust;

4. The long side and short side are layered and formed;

5. Parameters adopts computer digital setting ;

6. Auto error stop and display;

7. Automatic feed paper and greyboard;

8. 24-hour glue timing heating function;

9. Wrapper can input 300 product formulas;

10. The corner heating is independently controlled by a four-channel microcomputer temperature control module;

11. Multifunctional Robot Vision Image Positioning System; (Details please check the note)

12. Wrapper can automatic lift and wrap box; (Details please check the note)

13. Automatic control system for glue viscosity(optional); (Details please check the note)

14. Digital setting with memory system(optional); (Details please check the note)

15. Main Slider and pull mold section synchronized; (Details please check the note)

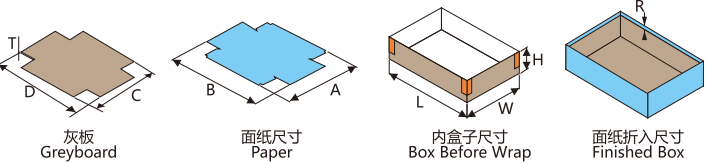
16. Bottom mould use Piston type; (Details please check the note)

17. The box-out direction is parallel to the main conveyor belt;

>主要技术参数/Technical parameters

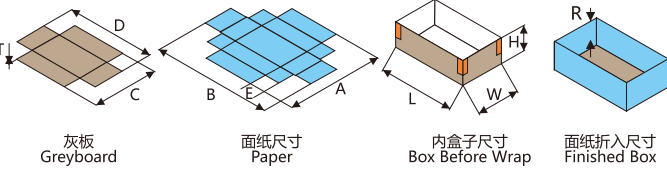
型号 Model		HM-CX3525D
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	510mm
	最短尺寸D(Min.)	80mm
	最宽尺寸C(Max.)	410mm
	最窄尺寸C(Min.)	70mm
	灰板厚度Thickness (T)	0.5-3mm
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	600mm
	最短尺寸B(Min.)	180mm
	最宽尺寸A(Max.)	455mm
	最窄尺寸A(Min.)	70mm
	面纸厚度Thickness	80-160gsm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸L(Max.)	350mm
	最短尺寸L(Min.)	60mm
	最宽尺寸W(Max.)	250mm
	最窄尺寸W(Min.)	50mm
	最高尺寸H(Max.)	110mm
折耳尺寸 Paper Corner Edge(E)	最矮尺寸H(Min.)	10mm
	E	10-90mm
面纸折入深度 Folding in Depth(R)	R	10-80mm
面纸堆台最高 Paper Pile Height Max.		750mm
灰板堆台最高 Greyboard Pile Height Max.		850mm
胶桶容量 Glue Tank Volume		20L
气源压力 Air Supply		600L/min,0.8MPa
生产速度 Speed		≤40pcs/minutes
总功率 Total Power/电压 Voltage		36kW/AC380V
耗电量 Power Consumption		9kW/h
机器净重 Net Weight		5200kg
—机器尺寸 Machine Dimension		6000x5000x3200mm

- 1、标准型天地盖面纸及灰板的尺寸范围(在技术参数上必须满足以下条件, 才能完成产品的制作)。
For standard type boxes, the following technical specifications must be met.



操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

- 2、对接型天地盖面纸及灰板的尺寸范围(在技术参数上必须满足以下条件, 才能完成产品的制作)。
For special boxes (paper corner edge = half of finished box width), the following technical specifications must be met.



操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

备注/Note:

- 1、盒子大小由面纸大小决定; The Finished Box Max. sizes are determined by paper size.
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$; $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

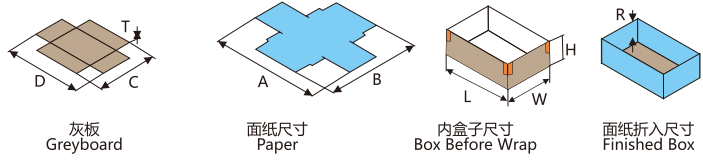
2、最大和最小尺寸不能同时满足; Either the Max. Sizes or the Min. Sizes can not be fulfilled on the same box.

3、做高度110mm的盒子时, 盒子的长度需>80mm; 若盒子的长度<80mm,盒子的高度最大为90mm。
If finished box height is 110mm,the length>80mm;when the length <80mm,the finished box height≤90mm

4、生产速度由盒子大小和面纸灰板的材质来决定;
The production speed of the rigid box machine is determined by the box size, the paper and the greyboard materials.

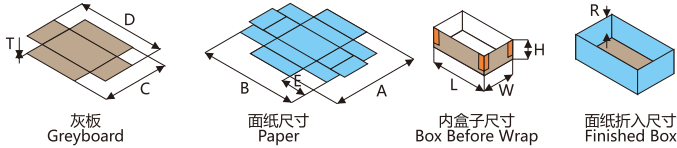
5、我司不提供空压机,空压机压力需求为8atm=0.808MPa,空压机功率:7.5kW。
Seller doesn't provide air compressor. (8atm=0.808MPa, 7.5kW compressor is needed).

- 3、包深型天地盖面纸及灰板的尺寸范围(在技术参数上必须满足以下条件,才能完成产品的制作)。
For deep wrapped boxes, the following technical specifications must be met.



操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

- 4、对搭折耳型天地盖面纸及灰板的尺寸范围 (在技术参数上必须满足以下条件才能完成产品的制作)。
For special boxes (paper corner edge = finished box width), the following technical specifications must be met.



操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

HM-CX3525A



智能精品盒生产线 >>> Lntelligent rigid box production line

功能说明 >>> Description

HM-CX3525A 是一款针对常规尺寸精品盒的全自动智能制盒机，适用于多种盒型的大量生产，如高档珠宝盒、手机盒、首饰盒、礼品盒、化妆品盒、手表盒等等，最大能到350mm长，250mm宽。做盒范围更大，更能满足现代包装市场的需求。整机外观经过全新设计，更加安全及美观。

本机采用伺服控制系统、图像定位系统，实现进纸、过胶、进灰板、贴四角、定位、抱盒、包边、折耳和折入成型自动完成。

在飞达、过胶和输送带使用知名品牌伺服驱动，可无极变速，高精度，易调节，省时间；定位部分采用图像定位系统及机器人抓取部件，提高定位精度及效率，误差范围在±0.05mm，且速度更快；成型机采用THK线性导轨和虚拟电子凸轮驱动，更稳定耐磨且动作更流畅，折入深度及折耳长度尺寸范围也更大。

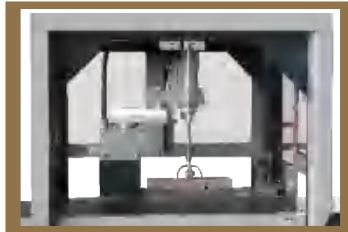
HM-CX3525A Automatic rigid box machine is for making premium boxes of regular size, which is digital setting with memory system. It is suitable for mass production of various box types, such as high-end jewelry boxes, mobile phone boxes, jewelry boxes, gift boxes , cosmetics boxes, watch boxes etc, the biggest box can reach 350 mm in length and 250 mm in width. The range of boxes is larger and can meet the needs of the modern packaging market. The appearance of the whole machine has been completely redesigned to be safer and more beautiful.

This machine adopts PLC and man-machine control system and camera tracing system to feed paper, gluing, feed greyboard , pasted four corners, spot greyboard, lift box, fold corner edges and wrap box automatically.

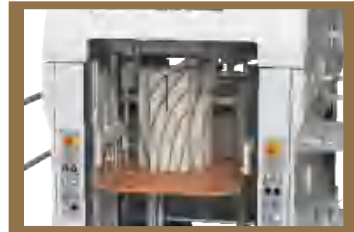
The feeder, the gluer and the conveyor are driven by servos, the machine has continuously variable transmission and enjoys high accuracy, easy adjusting, and efficiency. The spotting unit adopts camera tracing system and robot arm to pick and spot the greyboard, enhancing the spotter accuracy to ±0.05mm. The forming unit adopts Japan THK linear slider and virtual electronic cam driving system, guaranteeing the stable quality and fluent movement and enlarge the folding-in depth and corner edges.



过胶部分
Glue part



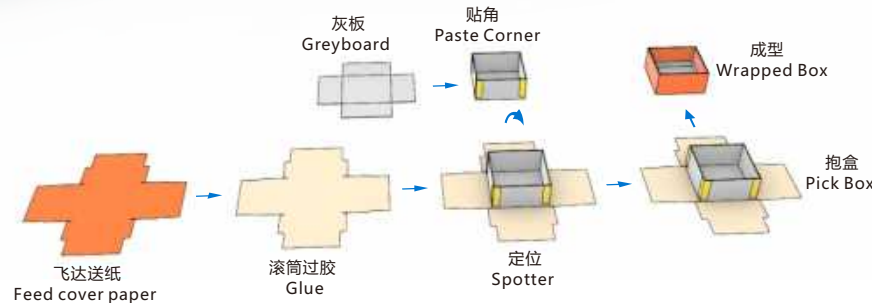
定位部分
Spotter part



贴角部分
Corner pasting part



成型部分
Wrapper part



智能精品盒生产线 >>> Lntelligent rigid box production line

>机组特点和标准配置

1. 适合各种天地盖硬盒的自动生产;

2. 单工位气动成型; (详见注释)

3. 手动调节换模;

4. 长边、短边分层包边成型;

5. 全电脑功能参数的设置和自动换模功能(选配);

6. 故障诊断功能;

7. 自动吸送面纸和送灰板功能;

8. 24小时胶水定时加热功能;
9. 成型机内置300项产品配方;

10. 四角贴角加热单独人机界面控制; (详见注释)

11. 多功能机器人视觉影像定位系统; (详见注释)

12. 成型部分自动抬盒引取装置; (详见注释)

13. 胶水粘度自动控制系统(选配); (详见注释)

14. 拉模部件与主滑块同步; (详见注释)

15. 伺服底模; (详见注释)

16. 出盒方向垂直于主输送带;

>Features and function:

1. Suit to all kinds of rigid boxes in mass production;

2. Single-station pneumatic forming; (Details please check the note)

3. Size change Manual adjust;

4. The long side and short side are layered and formed;

5. Parameters adopts computer digital setting;

6. Auto error stop and display;

7. Automatic feed paper and greyboard;

8. 24-hour glue timing heating function;

9. Wrapper can input 300 product formulas;

10. Corner pasting part with independent man-machine control and heating system; (Details please check the note)

11. Multifunctional Robot Vision Image Positioning System; (Details please check the note)

12. Automatic control system for glue viscosity (optional); (Details please check the note)

13. Digital setting with memory system (optional); (Details please check the note)

14. Main Slider and pull mold section synchronized; (Details please check the note)

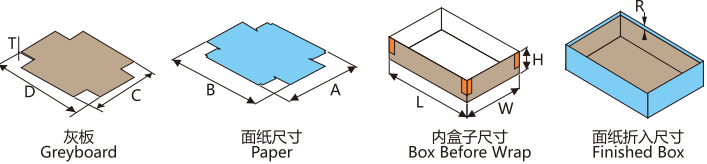
15. Bottom mould use Piston type; (Details please check the note)

16. The box-out direction is parallel to the main conveyor belt;

>主要技术参数/Technical parameters

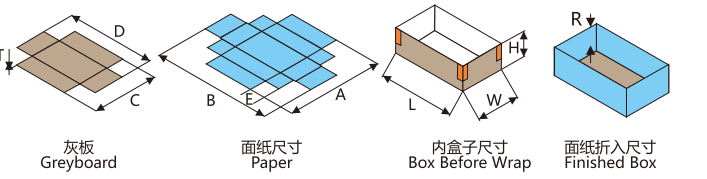
型号 Model	HM-CX3525A	
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	510mm
	最短尺寸D(Min.)	80mm
	最宽尺寸C(Max.)	410mm
	最窄尺寸C(Min.)	70mm
灰板厚度Thickness (T)	灰板厚度Thickness (T)	0.5-3mm
	最长尺寸B(Max.)	600mm
	最短尺寸B(Min.)	180mm
	最宽尺寸A(Max.)	455mm
面纸尺寸 Paper Size (B=Length, A=Width)	最窄尺寸A(Min.)	70mm
	面纸厚度Thickness	80-160gsm
	盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸L(Max.) 350mm
		最短尺寸L(Min.) 60mm
折耳尺寸 Paper Corner Edge(E)		最宽尺寸W(Max.) 250mm
		最窄尺寸W(Min.) 50mm
		最高尺寸H(Max.) 110mm
		最矮尺寸H(Min.) 10mm
面纸折入深度 Folding in Depth(R)	E	10-90mm
面纸堆台最高 Paper Pile Height Max.	R	10-80mm
灰板堆台最高 Greyboard Pile Height Max.		600mm
胶桶容量 Glue Tank Volume		850mm
气源压力 Air Supply		20L
生产速度 Speed		530L/min,0.8MPa
总功率 Total Power/电压 Voltage		≤25pcs/minutes
耗电量 Power Consumption		30kW/AC380V
机器净重 Net Weight		7.5kW/h
机器尺寸 Machine Dimension		4300kg
		6000x4500x3200mm

- 1、标准型天地盖面纸及灰板的尺寸范围(在技术参数上必须满足以下条件，才能完成产品的制作)。
For standard type boxes, the following technical specifications must be met.



操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

- 2、对接型天地盖面纸及灰板的尺寸范围(在技术参数上必须满足以下条件，才能完成产品的制作)。
For special boxes (paper corner edge = half of finished box width), the following technical specifications must be met.

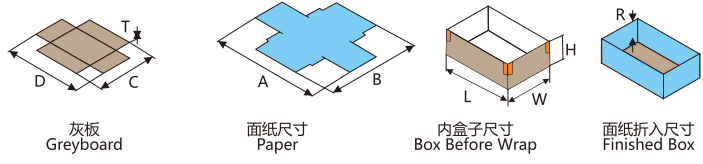


操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

备注/Note:

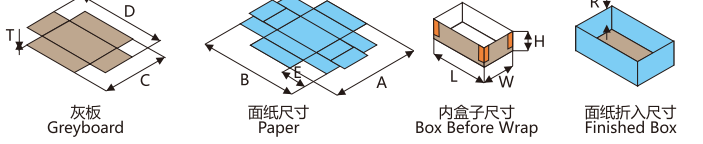
- 1、盒子大小由面纸大小决定; The finished Box Max sizes are determined by paper size.
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$; $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$
- 2、最大和最小尺寸不能同时满足; Either the Max. Sizes or the Min. Sizes can not be fulfilled on the same box.
- 3、做高度110mm的盒子时，盒子的长度需>80mm; 若盒子的长度<80mm,盒子的高度最大为90mm。
If finished box height is 110mm,the length>80mm;when the length <80mm,the finished box height≤90mm
- 4、生产速度由盒子大小和面纸灰板的材质来决定;
The production speed of the rigid box machine is determined by the box size, the paper and the greyboard materials.
- 5、我司不提供空压机.空压机压力需求为8atm=0.808MPa,空压机功率:7.5kW。
Seller doesn't provide air compressor. (8atm=0.808MPa, 7.5kW compressor is needed)

- 3、包深型天地盖面纸及灰板的尺寸范围(在技术参数上必须满足以下条件,才能完成产品的制作)。
For deep wrapped boxes, the following technical specifications must be met.



操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

- 4、对搭折耳型天地盖面纸及灰板的尺寸范围（在技术参数上必须满足以下条件才能完成产品的制作）。
For special boxes (paper corner edge = finished box width), the following technical specifications must be met.



操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

HM-CX6419D



智能精品盒生产线 >>> Lntelligent rigid box production line

功能说明 >>> Description

HM-CX6419D 是一款针对大尺寸精品盒，旨在突出高速生产的双工位全自动智能制盒机。适用于多种盒型的大量生产，如手机盒、首饰盒、化妆品盒、手表盒等等。做盒范围更大，更能满足现代包装市场的需求。整机外观经过全新设计，更加安全及美观。

本机采用伺服控制系统、图像定位系统，实现进纸、过胶、进灰板、贴四角、定位、抱盒、包边、折耳和折入成型自动完成。

在飞达、过胶和输送带使用知名品牌伺服驱动，可无级变速，高精度，易调节，省时间；贴角部分，可按需分段分次贴不同长度的胶带；定位部分采用图像定位系统及机器人抓取部件，提高定位精度及效率，误差范围可达士0.05mm,且定位及调试速度更快；成型机采用THK线性导轨及虚拟电子凸轮驱动，更稳定耐磨且动作更流畅，折入深度及折耳长度尺寸范围也更大。

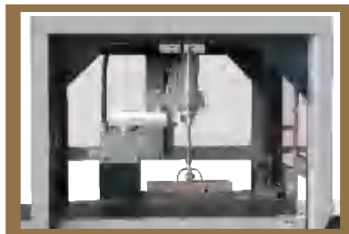
HM-CX6419D Automatic Rigid Box Machine with Double wrapper, which designed for big-size premium boxes. It is suitable to make various types of boxes for mass production, such as mobile phone boxes, gift boxes, cosmetic boxes, watch boxes, etc. Size range is more bigger, more suitable for current packaging market. Machine' s appearance is new design which is safer and more beautiful.

HM-CX6419D adopts PLC and man-machine control, camera tracing system, and can automatically feed cover paper, feed greyboard, paste four corners, spot greyboard, lift box, wrap box, fold corner edges and form box.

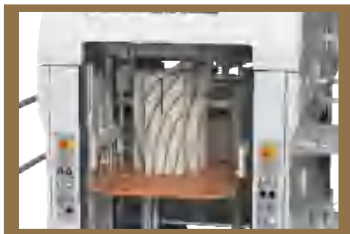
The feeder, the gluer and the conveyer are driven by well known servos which have continuously variable transmission, and enjoys high accuracy, easy adjusting, and high efficiency. The corner unit can be attached to the tape of different lengths according to the need; The spotting unit adopts camera tracing system and robot arm to pick and spot the greyboard ,enhancing the spotter accuracy to $\pm 0.05\text{mm}$, and its spotting and adjusting is more faster: The forming unit employs Japan THK linear slider and virtual electronic cam driving system, guaranteeing the stable quality and fluent movement and enlarge the folding-in depth and corner edges.



过胶部分
Glue part



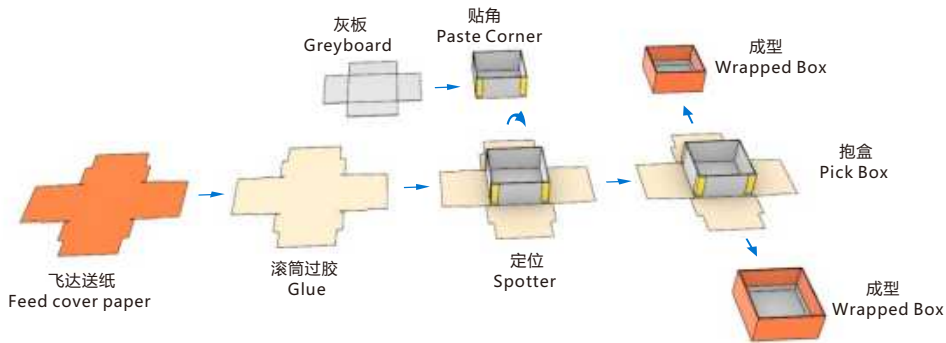
定位部分
Spotter part



贴角部分
Corner pasting part



成型部分
Wrapper part



智能精品盒生产线 >>> Lntelligent rigid box production line

>机组特点和标准配置

1. 适合各种硬纸天地盖自动生产线;

2. 双工位气动成型; (详见注释)

3. 手动调节换模;

4. 长边、短边分层包边成型;

5. 全电脑功能参数的设置;

6. 故障诊断功能;

7. 自动吸送面纸和送灰纸板功能;

8. 24小时胶水定时加热功能;
9. 成型机内置300项产品配方;

10. 四角贴角加热单独人机界面控制; (详见注释)

11. 多功能机器人视觉影像定位系统(定位误差±0.05mm); (详见注释)

12. 纸盒自动抬盒引取装置; (详见注释)

13. 胶水粘度自动控制系统(选配) ; (详见注释)

14. 拉模部件与主滑块同步; (详见注释)

15. 伺服底模; (详见注释)

16. 出盒方向平行于主输送带 ;

>Features and function:

1. Suit to all kinds of rigid boxes in mass production;

2. Double-station pneumatic forming; (Details please check the note)

3. Size change Manual adjust;

4. The long side and short side are layered and formed;

5. Parameter adopts computer digital setting;

6. Auto error stop and display;

7. Automatically feed paper and greyboard;

8. 24-hour glue timing heating function;

9. Wrapper can input 300 product formulas;

10. Corner pasting part with independent man-machine control and heating system.; (Details please check the note)

11. Multifunctional Robot Vision Image Positioning System (spotting inaccuracy ±0.05mm); (Details please check the note)

12. Wrapper can automatic lift and wrap box. (Details please check the note)

13. Automatic control system for glue viscosity (optional); (Details please check the note)

14. Main Slider and pull mold section synchronized; (Details please check the note)

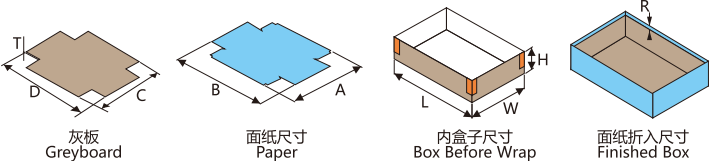
15. Bottom mould use Piston type; (Details please check the note)

16. The box-out direction is parallel to the main conveyor belt;

>主要技术参数/Technical parameters

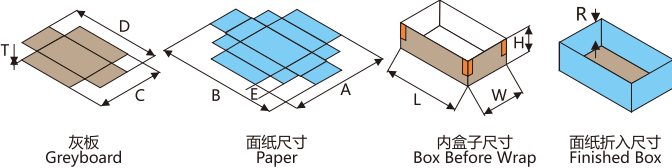
型号 Model	HM-CX6419D	
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	820mm
	最短尺寸D(Min.)	124mm
	最宽尺寸C(Max.)	580mm
	最窄尺寸C(Min.)	92mm
面纸尺寸 Paper Size (B=Length, A=Width)	灰板厚度Thickness (T)	1-3mm
	最长尺寸B(Max.)	850mm
	最短尺寸B(Min.)	180mm
	最宽尺寸A(Max.)	610mm
	最窄尺寸A(Min.)	95mm
	面纸厚度Thickness	80-160gsm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸L(Max.)	600mm
	最短尺寸L(Min.)	100mm
	最宽尺寸W(Max.)	400mm
	最窄尺寸W(Min.)	50mm
	最高尺寸H(Max.)	130mm
折耳尺寸 Paper Corner Edge(E)	最低尺寸H(Min.)	12mm
	E	10-125mm
面纸折入深度 Folding in Depth(R)	R	15-100mm
面纸堆台最高 Paper Pile Height Max.		750mm
灰板堆台最高 Greyboard Pile Height Max.		850mm
胶桶容量 Glue Tank Volume		40L
气源压力 Air Supply		600L/min,0.8MPa
生产速度 Speed		≤40pcs/min
总功率 Total Power/电压Voltage		40kW/AC380V
耗电量 Power Consumption		10kW/h
机器净重 Net Weight		7700kg
机器尺寸 Machine Dimension		6800x5500x3600mm

- 1、标准型天地盖面纸及灰板的尺寸范围(在技术参数上必须满足以下条件, 才能完成产品的制作)。
For standard type boxes, the following technical specifications must be met.



操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

- 2、对接型天地盖面纸及灰板的尺寸范围(在技术参数上必须满足以下条件, 才能完成产品的制作)。
For special boxes (paper corner edge = half of finished box width), the following technical specifications must be met.

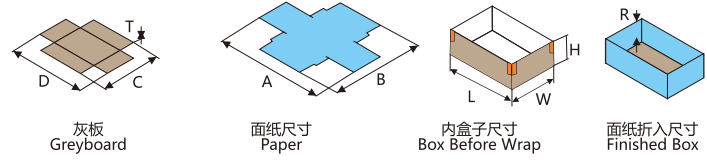


操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

备注/Note:

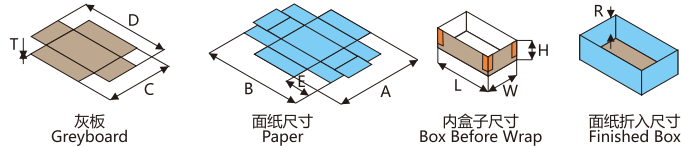
- 1、盒子大小由面纸大小决定; The Finished Box Max. sizes are determined by paper size.
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$; $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$
- 2、最大和最小尺寸不能同时满足; Either the Max. Sizes or the Min. Sizes can not be fulfilled on the same box.
- 3、生产速度由盒子大小和面纸灰板的材质来决定;
The production speed of the rigid box machine is determined by the box size, the paper and the greyboard materials.
- 4、我司不提供空压机,空压机压力需求为8atm=0.808MPa,空压机功率:7.5kW。
Seller doesn't provide air compressor. (8atm=0.808MPa, 7.5kW compressor is needed).

- 3、包深型天地盖面纸及灰板的尺寸范围(在技术参数上必须满足以下条件,才能完成产品的制作)。
For deep wrapped boxes, the following technical specifications must be met.



操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

- 4、对搭折耳型天地盖面纸及灰板的尺寸范围 (在技术参数上必须满足以下条件才能完成产品的制作)。
For special boxes (paper corner edge = finished box width), the following technical specifications must be met.



操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

HM-CX6419A



智能精品盒生产线 >>> Lntelligent rigid box production line

功能说明 >>> Description

HM-CX6419A 是一款针对大尺寸精品盒的全自动智能制盒机，适用于多种盒型的大量生产，如手机盒、首饰盒、化妆品盒、手表盒等等。做盒范围更大，更能满足现代包装市场的需求。整机外观经过全新设计，更加安全及美观。

本机采用伺服控制系统、图像定位系统，实现进纸、过胶、进灰板、贴四角、定位、抱盒、包边、折耳和折入成型自动完成。

在飞达、过胶和输送带使用知名品牌伺服驱动，可无极变速，高精度，易调节，省时间；定位部分采用图像定位系统及机器人抓取部件，提高定位精度及效率，误差范围可达±0.05mm，且定位及调试速度更快；成型机采用THK线性导轨及虚拟电子凸轮驱动，更稳定耐磨且动作更流畅，折入深度及折耳长度尺寸范围也更大。

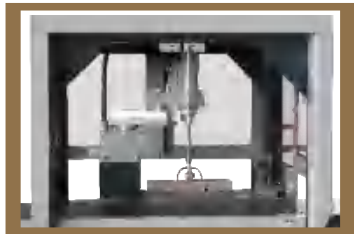
HM-CX6419A Automatic Rigid Box Machine which designed for digital setting, It is suitable to make various types of boxes for mass production, such as mobile phone boxes, gift boxes, cosmetic boxes, watch boxes, etc. Size range is more bigger, more suitable for current packaging market. Machine's appearance is new design which is safer and more beautiful.

HM-CX6419A adopts PLC and man-machine control, camera tracing system, and can automatically feed cover paper , feed greyboard, paste four corners, spot greyboard, lift box, wrap box, fold corner edges and form box.

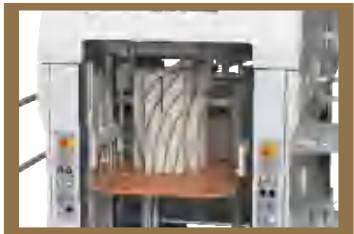
The feeder, the gluer and the conveyer are driven by well known servos which have continuously variable transmission, and enjoys high accuracy, easy adjusting, and efficienay. The spotting unit adopts camera tracing system and robot arm to pick and spot the greyboard ,enhancing the spotter accuracy to ± 0.05mm, and its spotting and adjusting is more faster. The forming unit employs Japan THK linear slider and virtual electronic cam driving system, guaranteeing the stable quality and fluent movement and enlarge the folding-in depth and corner edges.



过胶部分
Glue part



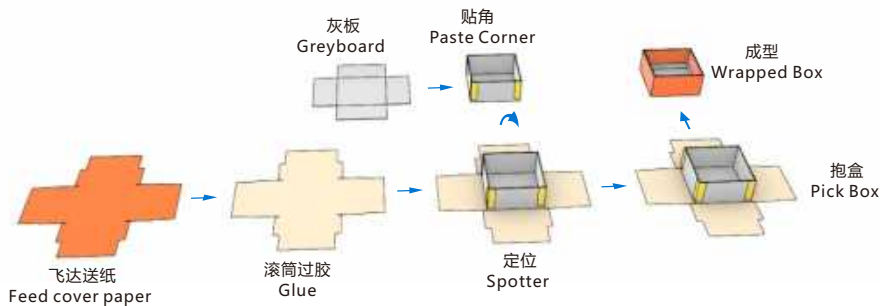
定位部分
Spotter part



贴角部分
Corner pasting part



成型部分
Wrapper part



14 ※由于产品设计不断改良，以上图片以及参数仅供参考。如有更改，恕不另行通知。
Due to the continuous product improvement, the photos and parameters are for your reference only.

智能精品盒生产线 >>> Lntelligent rigid box production line

>机组特点和标准配置

1. 适合各种硬纸天地盖自动生产线;

2. 单工位气动成型; (详见注释)

3. 手动调节换模;

4. 长边、短边分层包边成型;

5. 全电脑功能参数的设置;

6. 故障诊断功能;

7. 自动吸送面纸和送灰纸板功能;

8. 24小时胶水定时加热功能;

9. 成型机内置300项产品配方;
10. 四角贴角加热单独人机界面控制; (详见注释)

11. 多功能机器人视觉影像定位系统(定位误差±0.05mm); (详见注释)

12. 纸盒自动抬盒引取装置; (详见注释)

13. 胶水粘度自动控制系统(选配); (详见注释)

14. 拉模部件与主滑块同步; (详见注释)

15. 伺服底模; (详见注释)

16. 出盒方向垂直于主输送带;

>Features and function:

1. Suit to all kinds of rigid boxes in mass production;

2. Single-station pneumatic forming; (Details please check the note)

3. Size change Manual adjust;

4. The long side and short side are layered and formed;

5. Parameter adopts computer digital setting;

6. Auto error stop and display;

7. Automatically feed paper and greyboard;

8. 24-hour glue timing heating function;

9. Wrapper can input 300 product formulas;

10. Corner pasting part with independent man-machine control and heating system; (Details please check the note)

11. Multifunctional Robot Vision Image Positioning System (spotting inaccuracy ±0.05mm); (Details please check the note)

12. Wrapper can automatic lift and wrap box; (Details please check the note)

13. Automatic control system for glue viscosity (optional); (Details please check the note)

14. Main Slider and pull mold section synchronized; (Details please check the note)

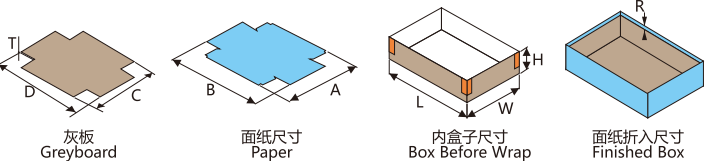
15. Bottom mould use Piston type; (Details please check the note)

16. The box-out direction is parallel to the main conveyor belt;

>主要技术参数/Technical parameters

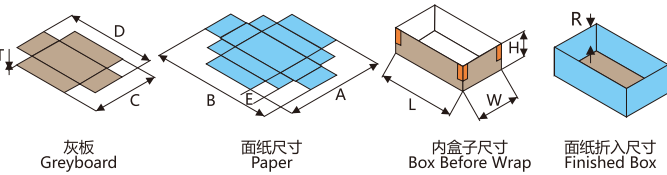
型号 Model		HM-CX6419A
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	820mm
	最短尺寸D(Min.)	124mm
	最宽尺寸C(Max.)	580mm
	最窄尺寸C(Min.)	92mm
	灰板厚度Thickness (T)	1-3mm
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	850mm
	最短尺寸B(Min.)	180mm
	最宽尺寸A(Max.)	610mm
	最窄尺寸A(Min.)	95mm
	面纸厚度Thickness	80-160gsm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸L(Max.)	600mm
	最短尺寸L(Min.)	100mm
	最宽尺寸W(Max.)	400mm
	最窄尺寸W(Min.)	50mm
	最高尺寸H(Max.)	130mm
折耳尺寸 Paper Corner Edge(E)	最低尺寸H(Min.)	12mm
	E	10-125mm
面纸折入深度 Folding in Depth(R)	R	15-100mm
面纸堆台最高 Paper Pile Height Max.		750mm
灰板堆台最高 Greyboard Pile Height Max.		850mm
胶桶容量 Glue Tank Volume		40L
气源压力 Air Supply		530L/min,0.8MPa
生产速度 Speed		≤25pcs/min
总功率 Total Power/电压Voltage		32kW/AC380V
耗电量 Power Consumption		8kW/h
机器净重 Net Weight		6800kg
机器尺寸 Machine Dimension		6800x4500x3600mm

- 1、标准型天地盖面纸及灰板的尺寸范围(在技术参数上必须满足以下条件, 才能完成产品的制作)。
For standard type boxes, the following technical specifications must be met.



操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

- 2、对接型天地盖面纸及灰板的尺寸范围(在技术参数上必须满足以下条件, 才能完成产品的制作)。
For special boxes (paper corner edge = half of finished box width), the following technical specifications must be met.



操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

备注/Note:

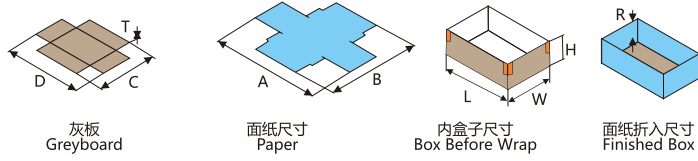
1. 盒子大小由面纸大小决定; The Finished Box Max. sizes are determined by paper size. $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$; $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

2. 最大和最小尺寸不能同时满足; Either the Max. Sizes or the Min. Sizes can not be fulfilled on the same box.

3. 生产速度由盒子大小和面纸灰板的材质来决定; The production speed of the rigid box machine is determined by the box size, the paper and the greyboard materials.

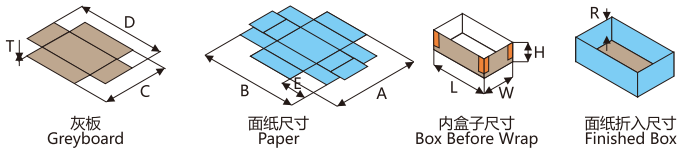
4. 我司不提供空压机,空压机压力需求为8atm=0.808MPa,空压机功率7.5kW; Seller doesn't provide air compressor. (8atm=0.808MPa, 7.5kW compressor is needed)

- 3、包深型天地盖面纸及灰板的尺寸范围(在技术参数上必须满足以下条件,才能完成产品的制作)。
For deep wrapped boxes, the following technical specifications must be met.



操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

- 4、对搭折耳型天地盖面纸及灰板的尺寸范围 (在技术参数上必须满足以下条件才能完成产品的制作)。
For special boxes (paper corner edge = finished box width), the following technical specifications must be met.



操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

- 1、**伺服底模**：底模自动跟随主滑块相位运动，可实现多款异形盒生产及附加功能开发。
- 2、**拉模部件与主滑块同步**：成型折边伺服与主滑块同步，可实现部分附加功能，用隐藏模时可做退盒使用，避免退盒顶针痕迹。
- 3、**四角贴角加热人机界面控制**：贴角加热采用四通道微电脑温控模块分四路独立控制，可通过人机界面独立调整各路温度，以达精准温控，确保胶带预涂胶溶解均匀，增加粘贴牢固度。
- 4、**图像定位系统及机器人抓取**：多功能机器人及视觉图像处理定位系统，多模式视觉抓图方式，确保异形盒适用及功能拓展，增加多模式多形状面纸定位精度。
- 5、**成型部分自动抬盒引取装置**：采用拟人动作，在产品位移过程中将产品抱起离开输送带，保证位移过程中产品面纸不被划伤，增加产品良品率，适应高要求产品。
- 6、**胶水粘度自动控制系统**：根据胶水特性预定的粘度，可自动控制胶水的粘度、温度，确保胶水在使用过程中有持续稳定的特性。
- 7、**自动换模功能**：通过人机界面新建或调取预存产品配方，一键切换通过伺服传动快速精准调整位置，减少产品切换时间。
- 8、**双工位成型**：通过运动控制模块与伺服的高效配合，增加了一组成型工位，减少成型等待时间，提高过胶、定位、贴角同等条件下成品产出效率，达到稳定高速产出，提高单位时间产量，有效节能降低成本。
- 9、**凸轮箱可整体参与运动控制**：四组包边凸轮箱可根据产品特性分别独立参与包边运作，拓展异型盒功能开发。

1. **Servo bottom mold**: the bottom mold automatically follows the phase movement of the main slider, which can realize the production of various special-shaped boxes and the development of additional functions.
2. **The drawing die parts are synchronized with the main slider**: the forming folding servo is synchronized with the main slider, which can realize some additional functions. When using a hidden mold, it can be used as a box return to avoid the needle marks.
3. **Four-corner corner heating man-machine interface control**: four-channel microcomputer temperature control module is used for four-way independent control of the corner heating, and the temperature of each channel can be independently adjusted through the man-machine interface to achieve precise temperature control and ensure that the pre-coated glue of the tape is dissolved evenly, increase the firmness of the paste.
4. **Image positioning system and robot capture**: multi-functional robot and visual image processing positioning system, multi-mode visual capture method, to ensure the application and function expansion of special-shaped boxes, and increase the positioning accuracy of multi-mode and multi-shape paper.
5. **The forming part is equipped with an automatic box-lifting and pulling device**: anthropomorphic actions are used to lift the product away from the conveyor belt during the product displacement process, so as to ensure that the product paper is not scratched during the displacement process, increase the product yield rate, and adapt to high-demand products.
6. **Glue viscosity automatic control system**: according to the predetermined viscosity of the glue characteristics, the viscosity and temperature of the glue can be automatically controlled to ensure that the glue has continuous and stable characteristics during use.
7. **Automatic mold change function**: through the man-machine interface to create or retrieve the pre-stored product formula, one-key switching through the servo drive to quickly and accurately adjust the position, reducing the product switching time.
8. **Double-station molding**: through the efficient cooperation of the motion control module and the servo, a group of molding stations is added to reduce the waiting time for molding, improve the output efficiency of finished products under the same conditions as gluing, positioning, and pasting angles, and achieve stable and high-speed production. output, increase the output per unit time, effectively save energy and reduce costs.
9. **The cam box can participate in the motion control as a whole**: the four sets of wrapping cam boxes can independently participate in the wrapping operation according to the product characteristics, and expand the function development of special-shaped boxes.



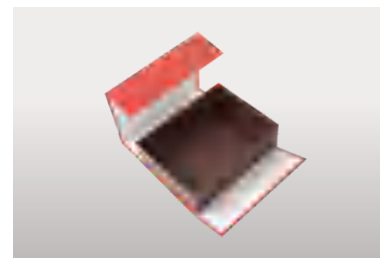
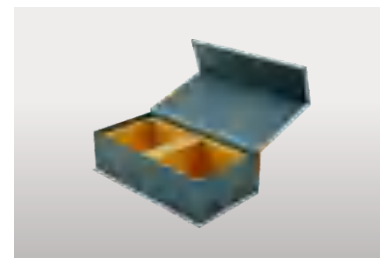
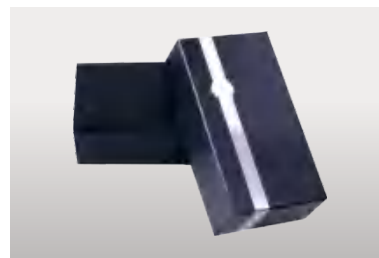
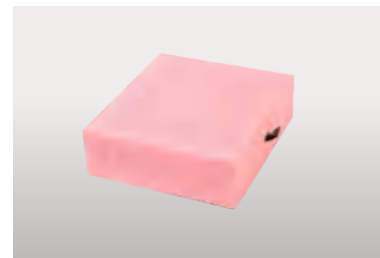
我们的相关机器设备可以用来制造各种不同的天地盖盒子，主要应用到制造礼品盒、手机盒、珠宝盒、化妆品盒，服饰盒以及其他各种不同的盒子。

我们不仅仅为客户提供质量稳定的机械设备还提供全面的解决方案。

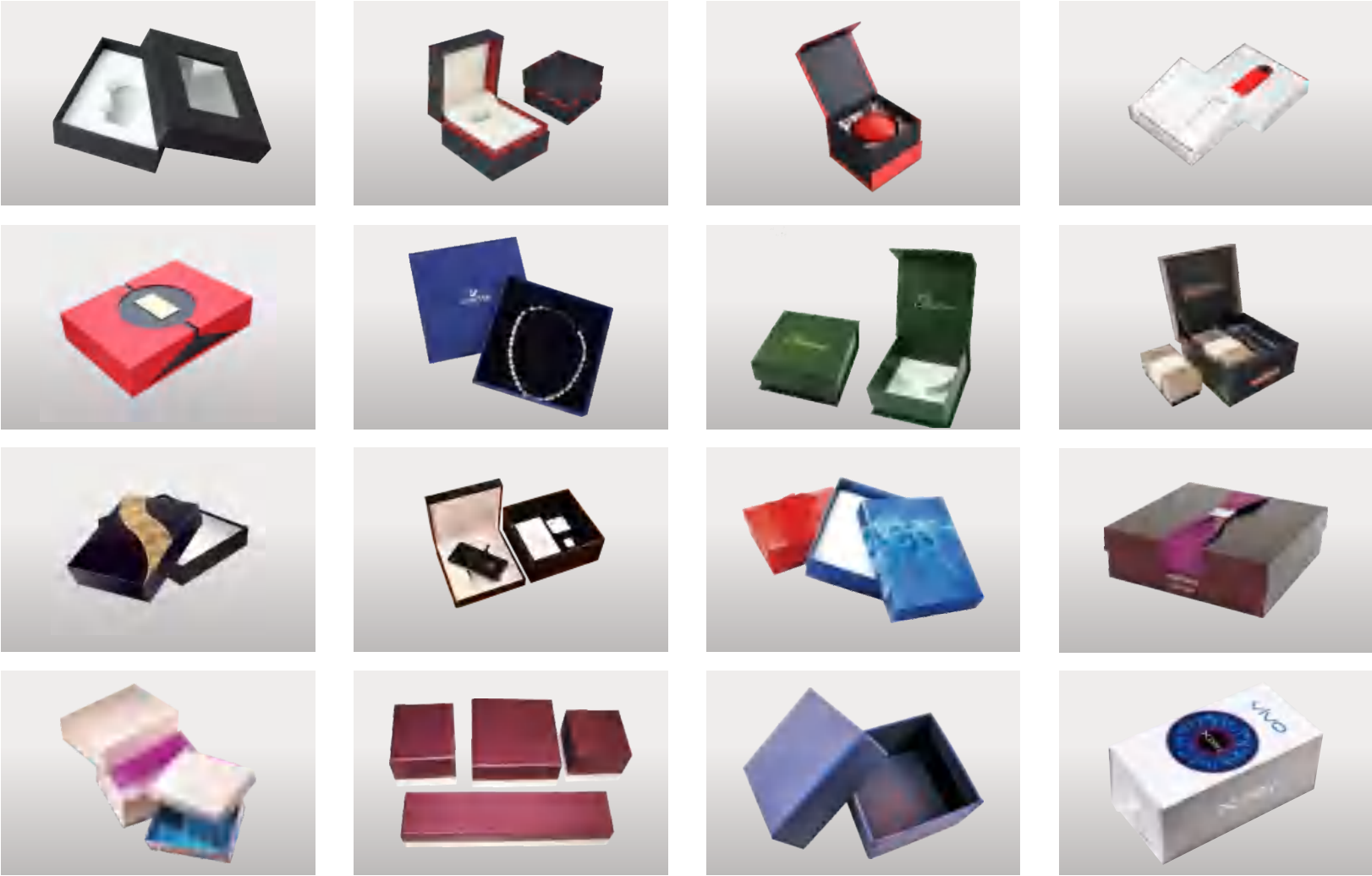
Our related machinery equipments are used to make different kinds of rigid boxes, including gift boxes, cell phone boxes, cosmetic boxes, garment boxes and other related boxes.

We not only supply good quality machinery equipments but also offer the whole solution project.

礼品盒 Gift Boxes



首饰盒 ≡
Jewelry Boxes



塑胶盒 ≡
Plastic Boxes



开槽 ≡
Notching



其他盒 ≡
Other Boxes



相册/台历
/皮壳 ≡
Photo Album/
Calendar/
Hard Cover

