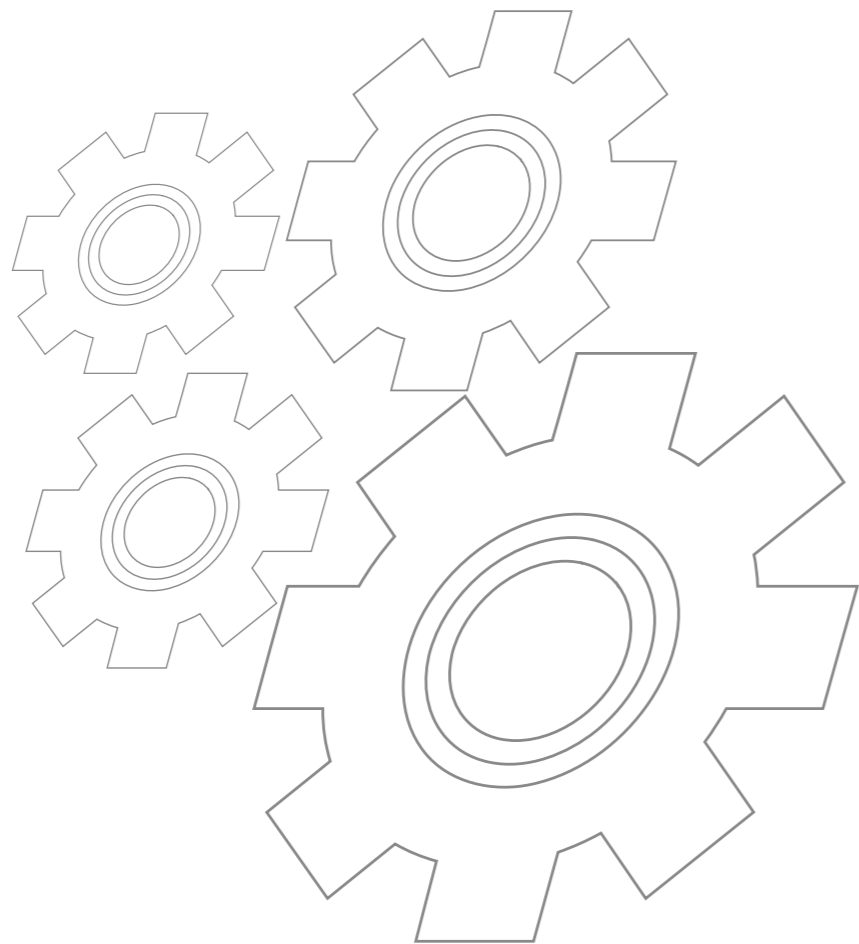




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鸿铭股份订阅号



**广东鸿铭智能股份有限公司**

GUANGDONG HONGMING  
INTELLIGENT JOINT STOCK CO.,LTD

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**广东鸿铭智能股份有限公司**

GUANGDONG HONGMING INTELLIGENT JOINT STOCK CO.,LTD

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## 广东鸿铭智能股份有限公司（东莞总部建设中）

Guangdong Hongming Intelligent Joint Stock Co., Ltd (Dongguan headquarters is under construction)



## 公司简介 Introduction

广东鸿铭智能股份有限公司（前称东莞市鸿铭机械有限公司），是专业提供精品盒包装智能化设备及整线自动化解决方案的企业。总公司成立于1999年，坐落于广东省东莞市东城区，生产面积80000多平方米。全资子公司“江苏鸿禧科技有限公司”，位于江苏盐城富安镇。历经21年的发展，现拥有先进的研发技术和研发团队，强稳的自加工力和完善的供应商配套链，高标准的质量管理制度以及快速反应的客户服务体系。

鸿铭销售网络遍布全球众多区域，先后为三十多个国家和地区近10000家用户提供先进的设备、技术、服务以及全面的包装解决方案，是业界知名的精品盒生产厂家的首选供应商。

鸿铭专注研发，生产有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。

展望未来：鸿铭人秉承“以客户需求为核心，全心致力于提供精准的精品盒解决方案及设备”，打造国际品牌，成为高端印后包装机械设备的供应商。

Guangdong Hongming Intelligent Joint Stock Co.,Ltd.(formerly Dongguan Hongming Machinery Co.,Ltd). It is a professional enterprise that provides premium box packaging automatic equipment and automatic complete line solutions. The company was established in 1999, Located in Dongcheng District, Dongguan City, Guangdong Province, covering an area of more than 80000 square meters. The wholly-owned subsidiary "Jiangsu Hongxi Technology Co.,Ltd." is located in Fu'an Town, Yancheng City, Jiangsu Province. After 21 years of development, Now we have advanced R&D technology and R&D team, strong self-processing and perfect supplier chain, high standard quality management system and fast response customer service system.

Hongming sales network covers many regions of the world. It has a comprehensive sales network throughout China and overseas, providing advanced equipment, technology, services and comprehensive packaging solutions to nearly 10000 users in more than 30 countries and regions around the world. It is the preferred supplier of well-known premium box manufacturers.

Hongming focuses on R&D and produces a wide range of automatic and semi-automatic rigid machines as well as other ancillary equipment required for post-press packaging. It is widely used in the production of all kinds of premium boxes, such as mobile phone boxes, jewelry boxes, cosmetic boxes, shoe boxes, clothing boxes, food boxes, wine boxes and other premium boxes.

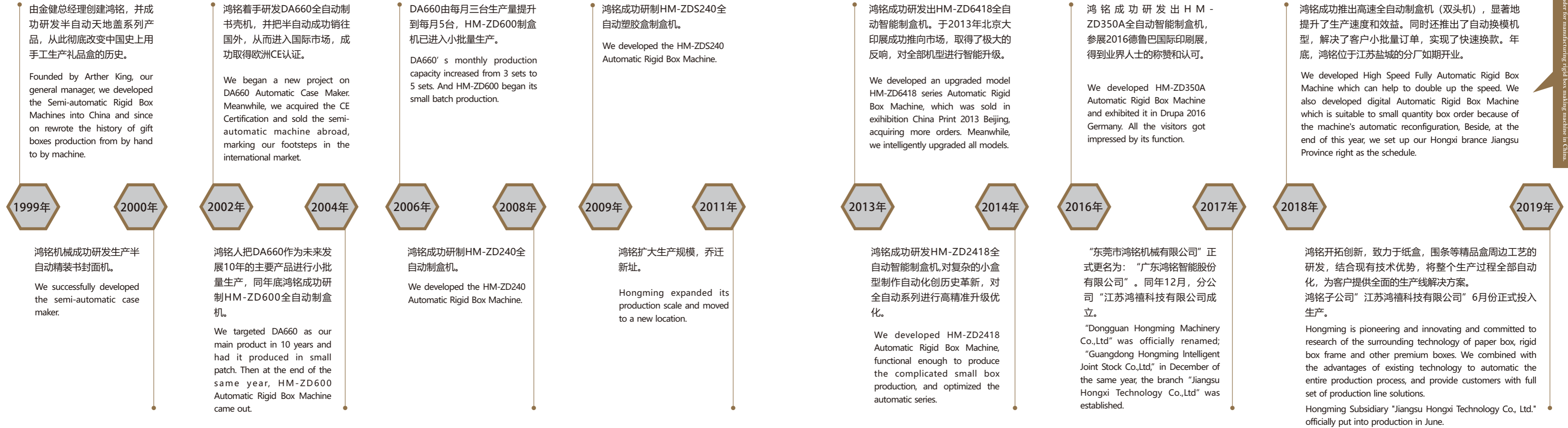
Looking forward to the future, Guangdong Hongming Intelligent Joint Stock Co.,Ltd adheres to the customer's needs as the core, and is fully committed to providing the perfect high-end processing solution for the world's rigid boxes, thus gradually becoming the internationally renowned provider of high-end world-mounted box machinery.



## 江苏鸿禧科技有限公司（全资子公司） Jiangsu Hongxi Technology Co.,Ltd (Wholly-owned subsidiaries)

01 ※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.

## Development Course



中国制盒机制造的领航者  
The leader for manufacturing rigid box making machine in China.

# 公司资质

## Company Certificates

通过21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 21 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.



# 董事长致辞


## Speech by CEO

各位朋友，大家好!

感谢各位朋友一直以来对鸿铭智能的关注和支持，也感谢鸿铭智能各位同仁对公司的辛勤付出。鸿铭智能能有今天的成就，离不开业界朋友的支持认可和鸿铭人的共同努力!

二十一年来鸿铭智能经历了创业的艰辛，也收获着成功的喜悦。从最初的研发生产半自动印后包装机械，发展成为今天的专业制造精品盒全自动机械设备的高科技企业。我们一直以秉持领先技术、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的宗旨，紧跟时代发展的步伐，顺应行业和市场发展的潮流，积极开拓，不断创新。特别是近几年来，鸿铭智能新产品研发取得重大突破，全自动制盒机械设备获得多项国家专利，并已通过欧洲CE认证，国内外市场不断扩大，销售业绩稳步上升。我们采用校企合作的方式，为包装行业培训和输出大批专业性人才，受到业界客户们的一致好评。

展望未来：希望与困难同在，挑战与机遇并存。我们鸿铭人将坚持发扬开拓创新的精神，与时俱进，竭诚为广大客户提供更优质的产品与服务。为振兴民族工业贡献出我们的力量。

广东鸿铭智能股份有限公司董事长： 

Welcome to Hongming Intelligent, my friends!

First of all, I would like to thank you for all your attention and support. And we are also grateful to our colleagues for their hard efforts and recognition. Obviously, it is your support and our joint efforts that make our nowadays achievements.

During the past 21 years, we not only experienced the hardships of founding, but also gained the joy of success. Initiating from the R&D and production of semi-automatic post-press packaging machinery, it has developed into a high-tech enterprise specialized in manufacturing high-quality mechanical equipment. We have been upholding the aims: to lead technology, to promote industry demeanor, to mark superior quality, and to forward industrial civilization. Meanwhile, we keep up with the pace of the times, and acquire the needs of industry and market development, thus we know how to actively explore and innovate. In recent years, we made a major breakthrough on new product research and development, such as our automatic rigid box machines access to a number of national patents, and obtained the CE certifications. The domestic and international markets continued to expand and sales performance increased steadily. We use the school-enterprise cooperation method to train and export a large number of professional talents for the packaging industry, which is highly praised by the customers in the industry.

Looking forward to the future, hopes and difficulties with the challenges and opportunities coexist. Hongming people will adhere to carry forward the spirit of pioneering and innovative, advancing with the times and dedication to our customers to provide high-quality products, superior services and furthest services.

# 生产车间»»



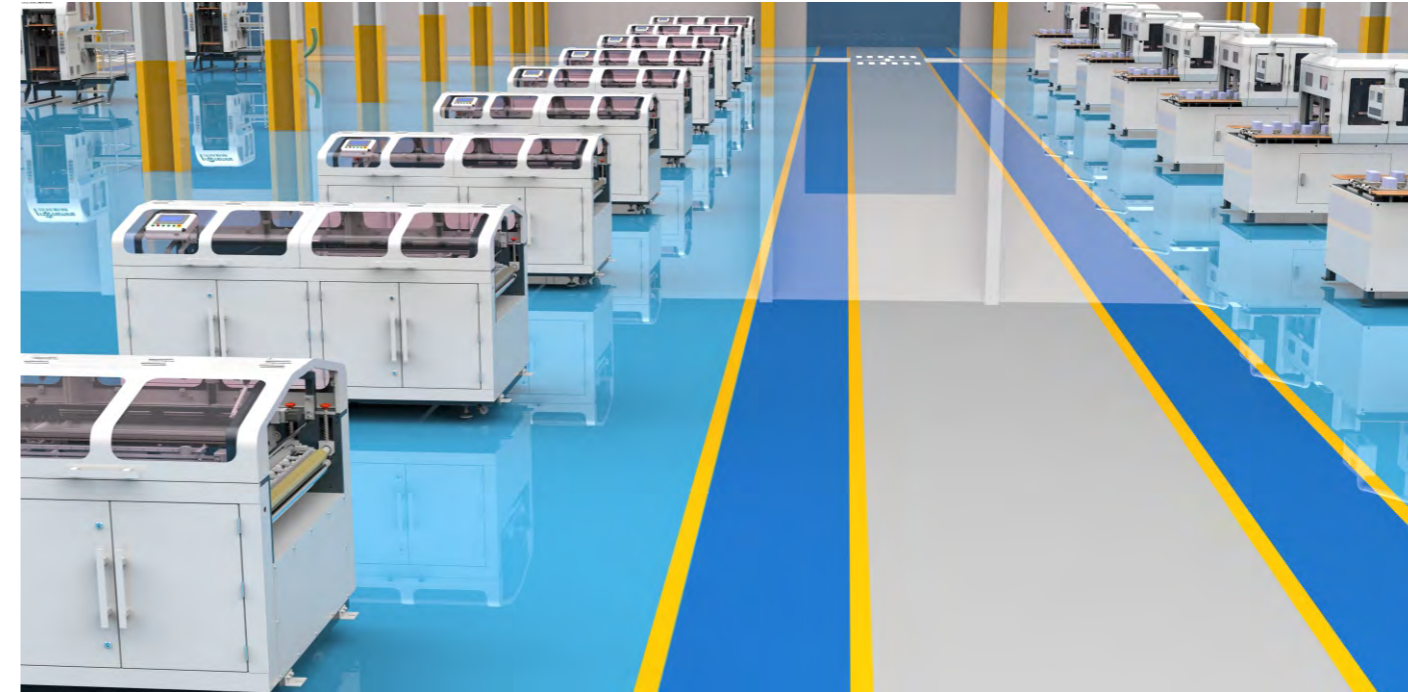
## Factory View and Quality Control

广东鸿铭智能股份有限公司多年来一直“以顾客需求为核心，科学发展为指导”，全心致力于提供更加优质的高档精品盒、精装书的生产方案及设备，从而逐步成为业界知名的印后包装机械生产型企业。

至今我司智能制盒系列已在国内外享有盛誉，并根据市场所需不断地对设备进行完善优化，且持续研发更加先进智能、更加人性化的设备。

Guangdong Hongming Intelligent Joint Stock Co.,Ltd. has been "focusing on customer demand as our core, scientific development as our guide" for many years. We dedicate to provide the high-end premium box processing solutions, which gradually become the world's leading mechanical production enterprises of high-end premium boxes.

So far our fully automatic series have been renowned at home and abroad, and we constantly improve and optimize the equipment according to the needs of the market, and continue to develop more advanced and intelligent, more humanize equipment.



21年专业制造技术和丰富的管理经验  
坚持为客户提供质量稳定的相关机械设备  
将先进的设计方案、精密的加工体系、严格的装配标准和高标的质量保证制度相结合，针对行业特性为客户提供专业的技术支持和咨询。

With 21 years professional manufacture and management experience  
We adhere to supplying the related good quality machinery equipments.  
We combine advanced design solutions, precise processing systems, strict assembly standards and high-quality assurance systems to provide professional technical support and consultation for customers.

# HM-ZD6418D

## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### 功能说明 >>> Description

HM-ZD6418D 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±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-ZD6418D 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-ZD6418D 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 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



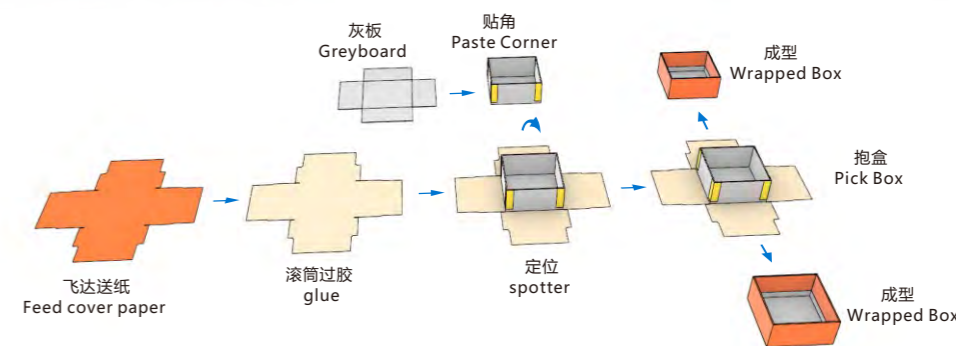
定位部分  
spotter part



贴角部分  
corner pasting part



成型部分  
wrapper part



## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### > 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、全电脑功能参数的设置;
- 3、故障诊断功能;
- 4、自动吸送面纸和送灰纸板功能;
- 5、24小时控制胶水预热功能;
- 6、成型机内置300项产品配方;
- 7、四角贴角加热单独人机界面控制;
- 8、整机采用安川伺服控制系统;
- 9、图像定位系统及机器人抓取(定位误差±0.05mm);
- 10、纸盒自动抬盒引取装置;
- 11、胶水粘度自动控制系统(选配);

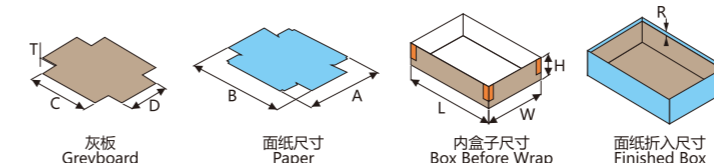
### > Features and function:

1. Suit to all kinds of rigid boxes in mass production;
2. Parameter adopts computer digital setting;
3. Auto error stop and display;
4. Automatically feed paper and greyboard;
5. 24-hours control for glue pre-heating;
6. Wrapper can input 300 product formulas;
7. Corner pasting part with independent man-machine control and heating system.;
8. Adopts YASKAWA servo control system;
9. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm) (spotting inaccuracy ±0.05mm);
10. Wrapper can automatic lift and wrap box.
11. Automatic control system for glue viscosity (optional);

### > 主要技术参数/Technical parameters

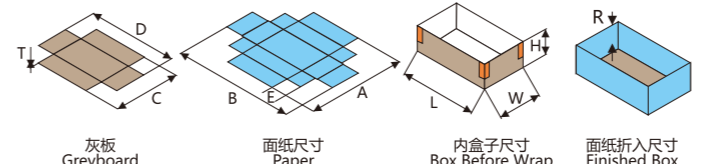
型号 Model	HM-ZD6418D	
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	820mm
	最短尺寸D(Min.)	124mm
	最宽尺寸C(Max.)	580mm
	最窄尺寸C(Min.)	92mm
	灰板厚度Thickness (T)	1-3mm
	面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)
最短尺寸B(Min.)		180mm
最宽尺寸A(Max.)		610mm
最窄尺寸A(Min.)		95mm
面纸厚度Thickness		80-160gsm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)		最长尺寸L(Max.)
	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
	最低尺寸H(Min.)	12mm
折耳尺寸 Paper Corner Edge(E)	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		460L/min,0.8MPa
生产速度 Speed		≤40pcs/min
总功率 Total Power/电压Voltage		47kW/AC380V
耗电量 Power Consumption		12kW/h
机器净重 Net Weight		7700kg
机器尺寸 Machine Dimension		6800x5500x3300mm

- 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.

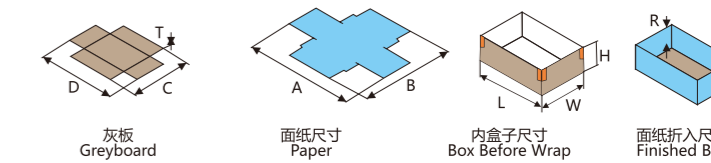


操作范围Operating range  
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$   
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

### 备注/Note:

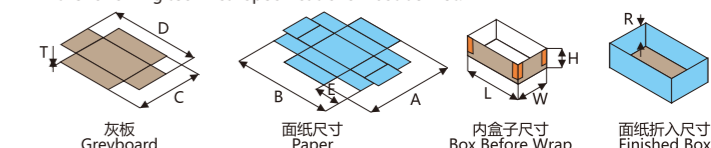
- 1、盒子大小由面纸大小决定; The Finished Box Max. sizes are determined by paper size.  
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$ ;  $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$
- 2、最大和最小尺寸不能同时满足; Either the Max. Sizes or the Min. Sizes can not be fulfilled on the same box.
- 3、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-ZD6418K

## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### 功能说明 >>> Description

HM-ZD6418K 是一款针对大尺寸精品盒，旨在突出快速换模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 $\pm 0.05\text{mm}$ ，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-ZD6418K 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-ZD6418K 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 efficiency. 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



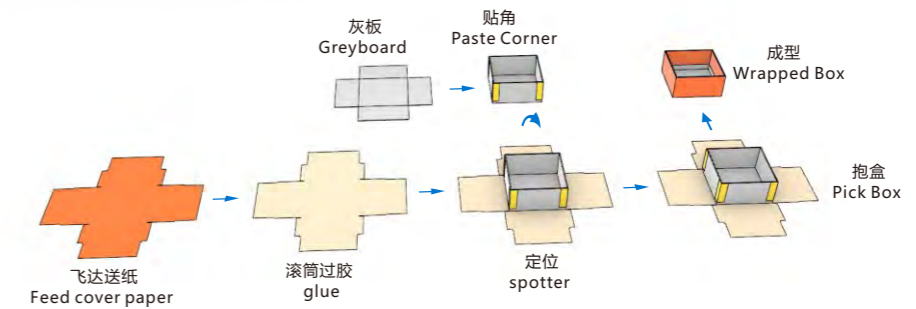
定位部分  
spotter part



贴角部分  
corner pasting part



成型部分  
wrapper part



## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### > 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、全电脑功能参数的设置;
- 3、故障诊断功能;
- 4、自动吸送面纸和送灰纸板功能;
- 5、24小时控制胶水预热功能;
- 6、成型机内置300项产品配方;
- 7、四角贴角加热单独人机界面控制;
- 8、整机采用安川伺服控制系统;
- 9、图像定位系统及机器人抓取(定位误差±0.05mm);
- 10、纸盒自动抬盒引取装置;
- 11、胶水粘度自动控制系统(选配);

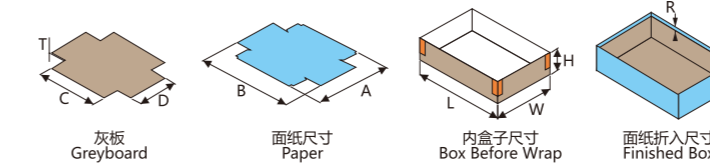
### > Features and function:

1. Suit to all kinds of rigid boxes in mass production;
2. Parameter adopts computer digital setting;
3. Auto error stop and display;
4. Automatically feed paper and greyboard;
5. 24-hours control for glue pre-heating;
6. Wrapper can input 300 product formulas;
7. Corner pasting part with independent man-machine control and heating system;
8. Adopts YASKAWA servo control system;
9. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm) (spotting inaccuracy ±0.05mm);
10. Wrapper can automatic lift and wrap box.
11. Automatic control system for glue viscosity (optional);

### > 主要技术参数/Technical parameters

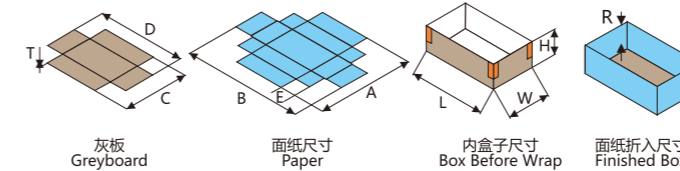
型号 Model	HM-ZD6418K	
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	820mm
	最短尺寸D(Min.)	124mm
	最宽尺寸C(Max.)	580mm
	最窄尺寸C(Min.)	92mm
	灰板厚度Thickness (T)	1-3mm
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	850mm
	最短尺寸B(Min.)	180mm
	最宽尺寸A(Max.)	610mm
	最窄尺寸A(Min.)	95mm
	面纸厚度Thickness	80-160gsm
	盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸L(Max.)
	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,
	最低尺寸H(Min.)	12mm
折耳尺寸 Paper Corner Edge(E)	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		460L/min,0.8MPa
生产速度 Speed		≤30pcs/min
总功率 Total Power/电压Voltage		39kW/AC380V
耗电量 Power Consumption		10kW/h
机器净重 Net Weight		6800kg
机器尺寸 Machine Dimension		6800x4500x3300mm

- 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.

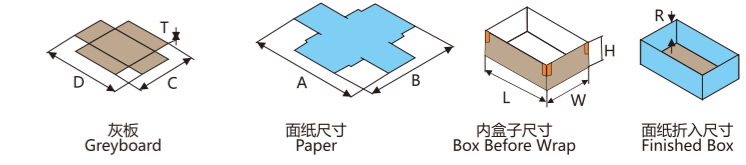


操作范围Operating range  
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$   
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

### 备注/Note:

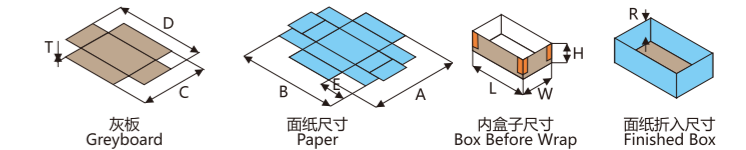
1. 盒子大小由面纸大小决定; The Finished Box Max. sizes are determined by paper size.  $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$ ;  $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$
2. 最大和最小尺寸不能同时满足; Either the Max. Sizes or the Min. Sizes can not be fulfilled on the same box.
3. 生产速度由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-ZD6418G/HM-ZD6418C-G

## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### 功能说明 >>> Description

HM-ZD6418G / HM-ZD6418C-G 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、斜边盒（选配）、书套盒（选配）、连体盒（选配）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 $\pm 0.05\text{MM}$ ，且定位及调试速度更快；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。

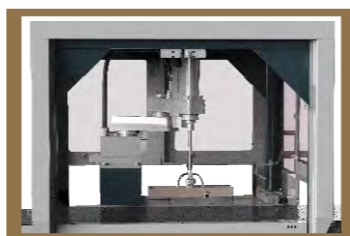
HM-ZD6418G/HM-ZD6418C-G Automatic Rigid Box Machine is suitable to make various big size premium boxes' mass production, such as mobile phone boxes, gift boxes, cosmetic boxes, watch boxes, slanting (option), slip case boxes (option), clamshell box (option) etc. Size range is bigger, more suitable for current packaging market. Machine' appearance is new design which is safer and more beautiful.

HM-ZD6418G/HM-ZD6418C-G adopts PLC and man-machine control, camera tracing system, and can automatically feed cover paper, feed greyboard, paste four corners, spot greyboard, lift box, , fold corner edges and wrap box.

The feeder, the gluer and the conveyor are driven by well known servos which have 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  $\pm 0.05\text{mm}$ , 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



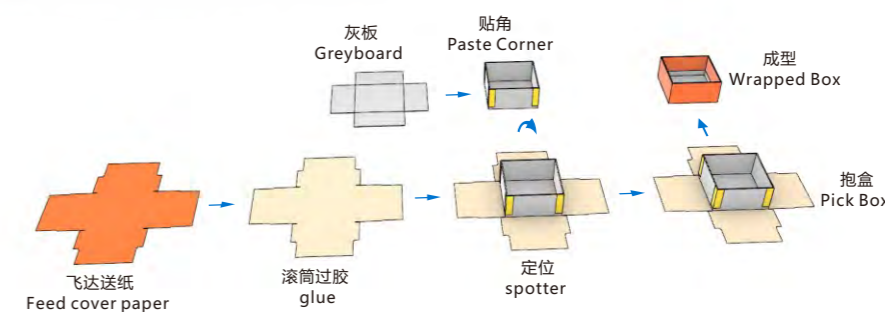
定位部分  
spotter part



贴角部分  
corner pasting part



成型部分  
wrapper part



# HM-ZD6418G/HM-ZD6418C-G



## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### > 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. 全电脑功能参数的设置
3. 故障诊断功能
4. 自动吸送面纸和送灰板功能
5. 24 小时控制胶水预热功能
6. 内置300项产品配方
7. 四角贴角加热单独人机界面控制
8. 整机采用安川伺服控制系统
9. 图像定位系统及机器人抓取(定位精度±0.05mm)
10. 纸盒自动抬盒引取装置
11. 胶水粘度自动控制系统 (选配)

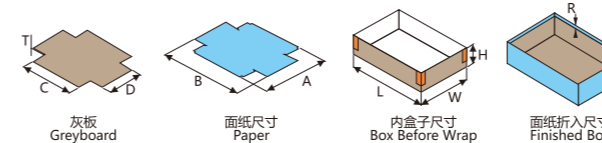
### > Features and function:

1. Suit to all kinds of rigid boxes in mass production.
2. Parameter adopts computer digital setting.
3. Auto error stop and display.
4. Automatically feed paper and greyboard.
5. 24-hour control for glue pre-heating.
6. Wrapper can input 300 product formulas.
7. Corner pasting part with independent man-machine control and heating system
8. Adopts YASKAWA servo control system.
9. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm) (spotting accuracy±0.05mm).
10. Wrapper can automatic lift and wrap box.
11. Automatic control system for glue viscosity(optional).

### > 主要技术参数/Technical parameters

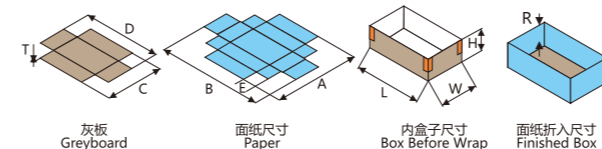
型号 Model		HM-ZD6418G	HM-ZD6418C-G
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	820mm	820mm
	最短尺寸D(Min.)	124mm	124mm
	最宽尺寸C(Max.)	580mm	680mm
	最窄尺寸C(Min.)	92mm	92mm
	灰板厚度Thickness (T)	1-3mm	1-3mm
	面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	850mm
	最短尺寸B(Min.)	180mm	180mm
	最宽尺寸A(Max.)	610mm	710mm
	最窄尺寸A(Min.)	95mm	95mm
	面纸厚度Thickness	80-160gsm	80-160gsm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸L(Max.)	600mm	600mm
	最短尺寸L(Min.)	100mm	100mm
	最宽尺寸W(Max.)	400mm	400mm
	最窄尺寸W(Min.)	50mm	50mm
	最高尺寸H(Max.)	130mm	190mm
	最低尺寸H(Min.)	12mm	12mm
折耳尺寸 Paper Corner Edge(E)	E	10-125mm	10-125mm
面纸折入深度 Folding in Depth(R)	R	15-100mm	15-100mm
面纸堆台最高 Paper Pile Height Max.		750mm	750mm
灰板堆台最高 Greyboard Pile Height Max.		850mm	850mm
胶桶容量 Glue Tank Volume		40L	40L
气源压力 Air Supply		460L/min,0.8MPa	460L/min,0.8MPa
生产速度 Speed		≤30pcs/min	≤30pcs/min
总功率 Total Power/电压Voltage		37kW/AC380V	37kW/AC380V
耗电量 Power Consumption		9.5kW/h	9.5kW/h
机器净重 Net Weight		6500kg	6500kg
机器尺寸 Machine Dimension		6800x4500x3300mm	7000x4900x3300mm

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.



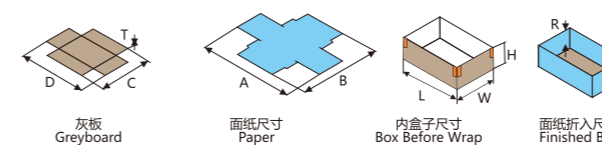
操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

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.



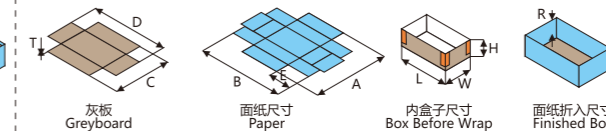
操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

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.



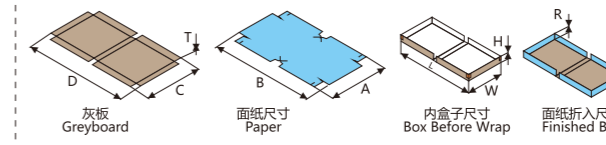
操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

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.



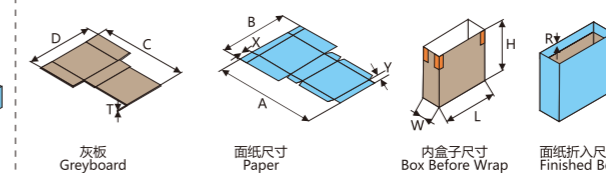
操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

5. 连体盒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 clamshell boxes, the following technical specifications must be met.



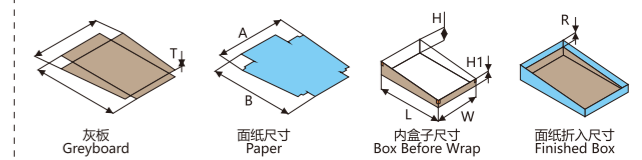
操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

6. 书套盒 (T型盒) 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 slip case boxes (T-shape boxes), the following technical specifications must be met.



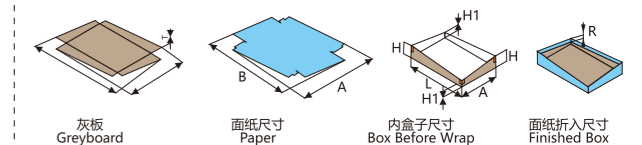
操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2W + 2T ≤ B(Max.)

7. 斜边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 slanting boxes, the following technical specifications must be met



操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

8. 对斜边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 crosswise slanting boxes, the following technical specifications must be met



操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + H + H1 + 2T + 2R ≤ B(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(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.); B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)
2. 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.
3. 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)
4. 第5,6,7,8号盒子为HM-ZD6418G / HM-ZD6418C-G的选配功能。  
Item 5, item 6, item 7, and item 8 are optional devices for HM-ZD6418G and HM-6418C-G.

# HM-ZD6418E/HM-ZD6418C

## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### 功能说明 >>> Description

HM-ZD6418E / HM-ZD6418C 是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，如鞋盒、手机盒、首饰盒、酒盒、斜边盒（选配）、书套盒（选配）、连体盒（选配）等等。成型高度最大可达190mm(C)和130mm(E)，折入深度可达100mm。

本机采用PLC和触摸屏人机控制系统、光电跟踪定位系统、液压纠偏系统，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、过胶和输送带使用伺服驱动，可无级变速，高精度，易调节，省时间；双色输送带免去了更换输送带的麻烦，节省时间，属鸿铭发明专利；定位部分采用瑞士微量节流阀，高精度丝杆（C）或者方牙丝杆（E）纠偏，提高定位精度，误差范围在±0.2MM；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。

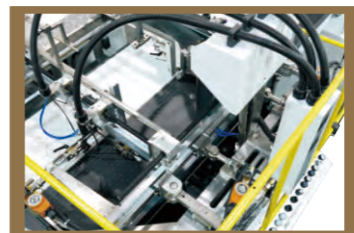
HM-ZD6418E / HM-ZD6418C Automatic Rigid Box Machine is suitable to make various big size premium boxes' mass production, such as shoe boxes, mobile phone boxes, jewelry boxes, wine boxes, slanting boxes (option), slip case boxes (option), and clamshell boxes (option), etc. The wrapped box's max height is 190mm (C) and 130mm (E), with max folding-in depth being 100mm.

HM-ZD6418E / HM-ZD6418C adopts PLC and man-machine control, electric eye tracing system, hydraulic rectifying system, and can automatically feed cover paper, feed greyboard, paste four corners, spot greyboard, lift box, fold corner edges and wrap box.

The feeder, the gluer and the conveyor are driven by servo which has continuously variable transmission and enjoys high accuracy, easy adjusting, and high efficiency. Double color conveyor can avoid changing to other color belt, which is Hongming's patent. The spotting unit adopts Switzerland micro throttle valve, high accuracy lead-screw (c) or square tooth lead-screw (E) for rectifying, enhancing the spotting accuracy to±0.02mm. The forming unit employs THK linear slider and virtual electronic cam driving system, guaranteeing the stable quality and fluent movement.



过胶部分  
glue part



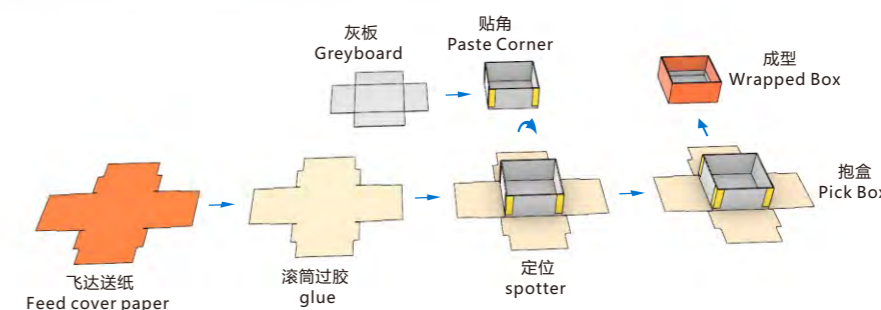
定位部分  
spotter part



贴角部分  
corner pasting part



成型部分  
wrapper part



# HM-ZD6418E/HM-ZD6418C



## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### > 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. 全电脑功能参数的设置和自动换模功能(选配);
3. 故障诊断功能;
4. 自动吸送面纸和送灰板功能;
5. 24小时控制胶水预热功能;
6. 成型机内置300项产品配方;
7. 四角贴角加热单独人机界面控制;
8. 整机采用安川伺服控制系统;
9. 纠偏定位系统 (定位精度±0.2mm) ;
10. 成型部分自动抬盒引取装置;
11. 胶水粘度自动控制系统(选配).

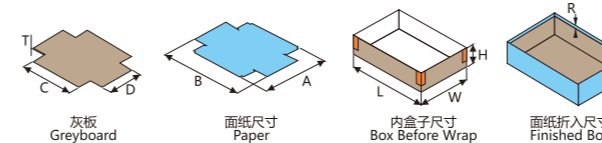
### > Features and function:

1. Suit to all kinds of rigid boxes in mass production;
2. Parameter adopts computer digital setting;
3. Auto error stop and display;
4. Automatic feed paper and greyboard;
5. 24-hours control for glue pre-heating;
6. Wrapper can input 300 product formulas;
7. Corner pasting part with independent man-machine control and heating system
8. Adopt YASKAWA servo control system;
9. Spotter by electric eye tracing system and hydraulic pneumatic rectifying system to spot correctly (spotting accuracy ±0.2mm);
10. Wrapper can automatic lift and wrap box;
11. Automatic control system for glue viscosity (optional).

### > 主要技术参数/Technical parameters

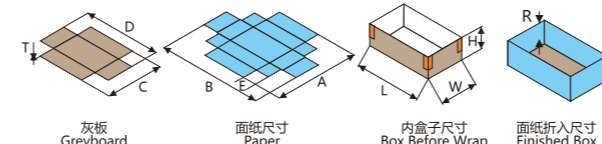
型号 Model		HM-ZD6418E	HM-ZD6418C
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	820mm	820mm
	最短尺寸D(Min.)	124mm	124mm
	最宽尺寸C(Max.)	580mm	680mm
	最窄尺寸C(Min.)	92mm	92mm
	灰板厚度Thickness (T)	1-3mm	1-3mm
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	850mm	950mm
	最短尺寸B(Min.)	180mm	180mm
	最宽尺寸A(Max.)	610mm	710mm
	最窄尺寸A(Min.)	95mm	95mm
	面纸厚度Thickness	80-160gsm	80-160gsm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸L(Max.)	600mm	600mm
	最短尺寸L(Min.)	100mm	100mm
	最宽尺寸W(Max.)	400mm	400mm
	最窄尺寸W(Min.)	50mm	50mm
	最高尺寸H(Max.)	130mm	190mm
	最低尺寸H(Min.)	12mm	12mm
折耳尺寸 Paper Corner Edge(E)	E	10-125mm	10-125mm
面纸折入深度 Folding in Depth(R)	R	15-100mm	15-100mm
面纸堆台最高 Paper Pile Height Max.		750mm	750mm
灰板堆台最高 Greyboard Pile Height Max.		850mm	850mm
胶桶容量 Glue Tank Volume		40L	40L
气源压力 Air Supply		460L/min, 0.8MPa	460L/min, 0.8MPa
生产速度 Speed		≤30pcs/min	≤30pcs/min
总功率 Power /电压 Voltage		32kW/AC380V	32kW/AC380V
耗电量 Power Consumption		8kW/h	8kW/h
机器净重 Net Weight		6500kg	6500kg
机器尺寸 Machine Dimension		6800x4500x3300mm	6800x4530x3300mm

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.



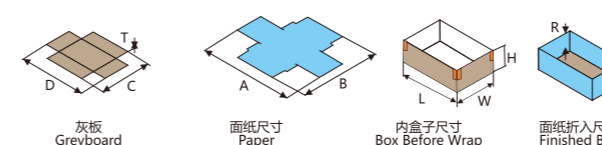
操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

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.



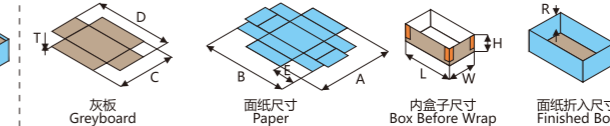
操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

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.



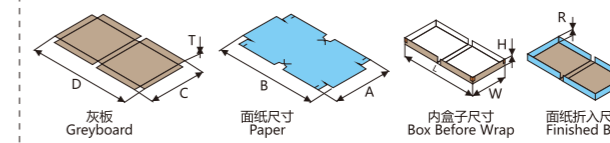
操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

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.



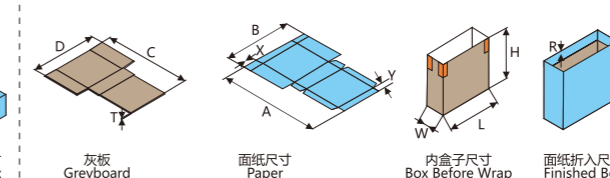
操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

5. 连体盒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 clamshell boxes, the following technical specifications must be met.



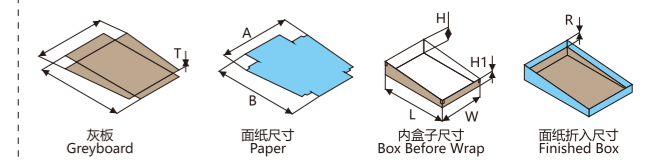
操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

6. 书套盒 (T型盒) 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 slip case boxes (T-shape boxes), the following technical specifications must be met.



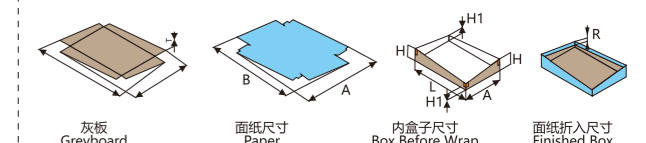
操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2W + 2T ≤ B(Max.)

7. 斜边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 slanting boxes, the following technical specifications must be met



操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

8. 对斜边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 crosswise slanting boxes, the following technical specifications must be met



操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + H + H1 + 2T + 2R ≤ B(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(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.); B(Min.) ≤ L + 2H + 2T + 2R ≤ B(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)
5. 第5,6,7,8号盒子为HM-ZD6418E / HM-ZD6418C的选配功能。  
Item 5, item 6, item 7 and item 8 are optional devices for HM-ZD6418E and HM-6418C.

# HM-ZD6435A

## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### 功能说明 >>> Description

HM-ZD6435A 针对贴卡带凹凸面纸及厚度不一样的面纸进行局部丝印过胶的全自动智能制盒机。适用于手机盒，手表盒，茶叶盒，礼品盒，化妆品盒等等。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。

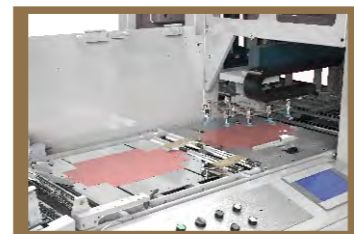
本机采用伺服控制系统、图像定位系统、实现进纸、丝印涂胶、定位、抱盒、包边、折耳和折入成型自动完成。

采用鸿铭自主研发的循环翻转上料结构，可实现贴卡面纸的自动送料；双工位丝印涂胶部可实现面纸局部过胶，且轻薄均匀；双色输送带免去了更换输送带的麻烦，节省时间，属鸿铭发明专利；定位部分采用四相机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-ZD6435A Automatic Rigid Box Machine, designed for embossed paper or different thickness paper, which can apply for partial screen glue. It is suitable for various types of premium boxes' production especially like mobile phone boxes, watch boxes, tea boxes, gift boxes, and cosmetic boxes etc. And its size range is bigger and more suitable for current packaging market. Machine's appearance is new design which is safer and more beautiful.

HM-ZD6435A adopt PLC and man-machine control, camera tracing system, and can automatically feed cover paper, screen glue, spot greyboard, lift box, wrap box, fold corner edges and form box.

Using the cyclic overturning feeding structure independently developed by Hongming, the automatic feeding of lining can be realized, the double-position of screen printing glue part can realize the partial glue of the paper, and the glue is thin and even. Double color conveyor can avoid changing to other color belt, which is Hongming's patent. 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 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.



吸纸部分  
suction part



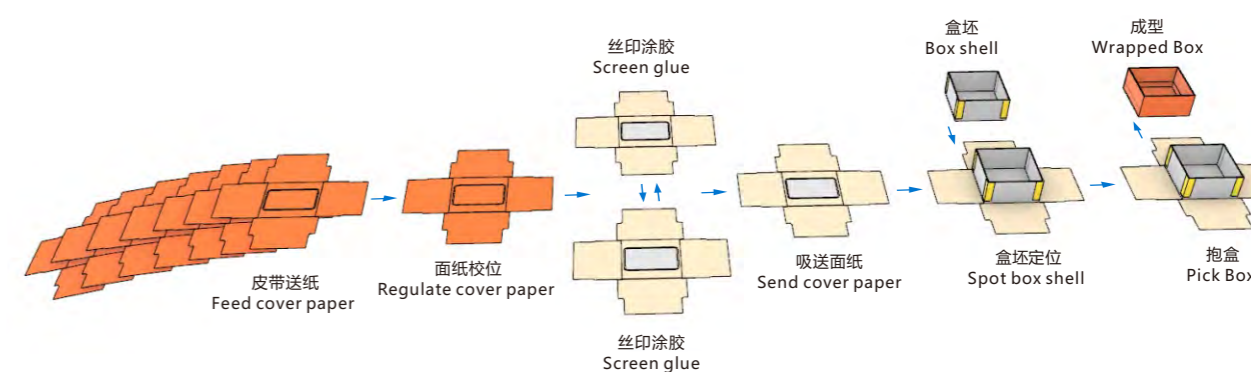
丝印部分  
Screen glue part



定位部分  
spotter part



成型部分  
wrapper part



## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### > 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. 故障诊断功能
3. 自动吸送面纸功能
4. 丝印涂胶功能
5. 整机采用安川伺服控制系统
6. 图像定位系统及机器人抓取(定位误差±0.05mm)
7. 成型部分自动抬盒引取装置

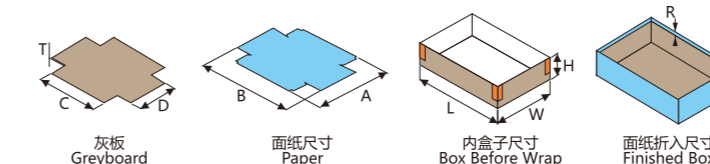
### > Features and function:

1. Suit to all kinds of rigid boxes in mass production;
2. Auto error stop and display;
3. Automatic feed paper;
4. Screen glue function;
5. Adopt YAMAHA servo control system;
6. Spotter by camera tracing system and SCARA(Selective Compliance Assembly Robot Arm)(spotting accuracy±0.05mm)
7. Wrapper can automatic lift and wrap box.

### > 主要技术参数/Technical parameters

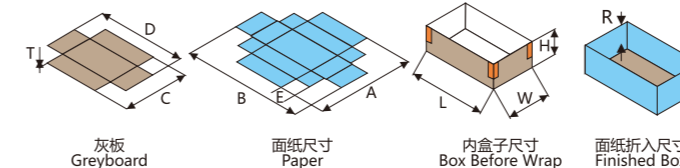
型号 Model	HM-ZD6435A	
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	600mm
	最短尺寸B(Min.)	280mm
	最宽尺寸A(Max.)	520mm
	最窄尺寸A(Min.)	150mm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸L(Max.)	350mm
	最短尺寸L(Min.)	60mm
	最宽尺寸W(Max.)	250mm
	最窄尺寸W(Min.)	60mm
	最高尺寸H(Max.)	120mm
最低尺寸H(Min.)	10mm	
面纸厚度 Paper Thickness	Thickness Range	128~300gsm
面纸折入深度 Folding in Depth(R)	R	8-80mm
折耳尺寸 Paper Corner Edge(E)	E	10-90mm
气源压力 Air Supply	480L/min, 0.8MPa	
生产速度 Speed	≤20pcs/min	
总功率 Power /电压 Voltage	30kW/AC380V	
耗电量 Power Consumption	8kW/h	
机器净重 Net Weight	5000kg	
机器尺寸 Machine Dimension	9100x4800x3000mm	

- 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.

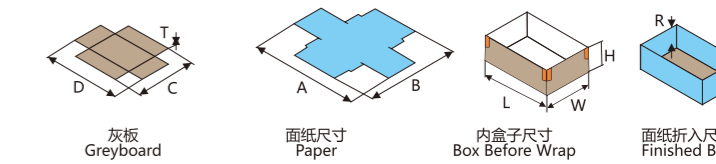


操作范围Operating range  
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$   
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

### 备注/Note:

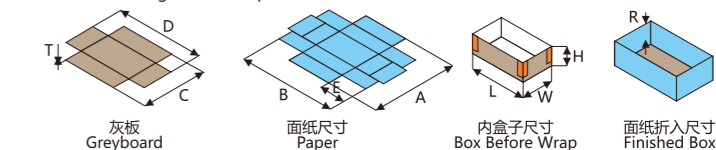
1. 盒子大小由面纸大小决定; The Finished Box Max. sizes are determined by paper size.  $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$ ;  $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$
2. 生产速度由盒子大小和面纸灰板的材质来决定; The production speed of the rigid box machine is determined by the box size, the paper and the greyboard materials.
3. 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-ZD6435B

## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### 功能说明 >>> Description

HM-ZD6435B 是一款针对常规尺寸精品盒，旨在突出丝印过胶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、斜边盒等等。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、面纸纠偏、网印涂胶、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、上纸和输送带使用伺服驱动，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 $\pm 0.05\text{MM}$ ，且定位及调试速度更快；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。

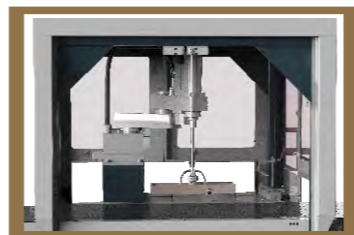
HM-ZD6435B Automatic Rigid Box Machine, designed for the regular-size premium box, which mainly for partial screen glue. It is suitable to make various types of rigid boxes for mass production, such as mobile phone boxes, gift boxes, cosmetic boxes, watch boxes, slanting boxes, etc. Size range is bigger, more suitable for current packaging market. Machine's appearance is new design which is safer and more beautiful.

HM-ZD6435B adopts PLC and man-machine control, camera tracing system, and can automatically feed cover paper, cover paper correction, screen gluing, feed greyboard, paste four corners, spot greyboard, lift box, fold in corner edges and wrap box.

The feeder, the gluer and the conveyor are driven by well known servos which have continuously variable transmission, and enjoys high accuracy, easy adjusting, and high efficiency. 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 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



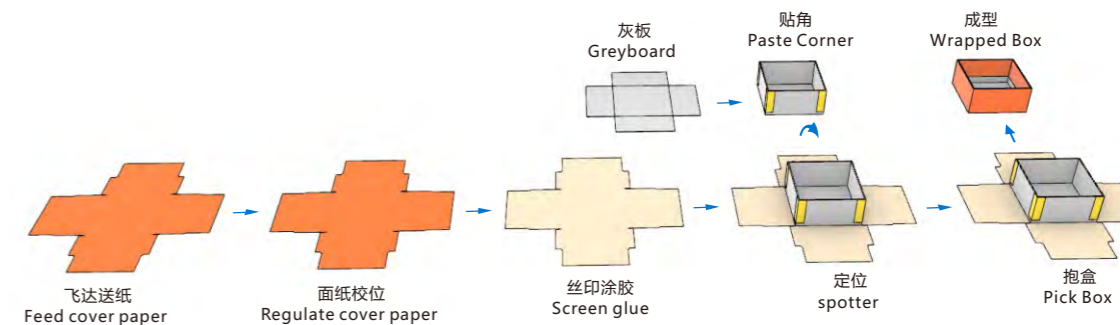
定位部分  
spotter part



贴角部分  
corner pasting part



成型部分  
wrapper part



## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### > 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. 全电脑功能参数的设置;
3. 故障诊断功能;
4. 自动吸送面纸和送灰板功能;
5. 自动进纸及拉规功能;
6. 四角贴角加热单独人机界面控制;
7. 整机采用安川伺服控制系统;
8. 图像定位系统及机器人抓取(定位精度±0.05mm);
9. 成型部分自动抬盒引取装置.

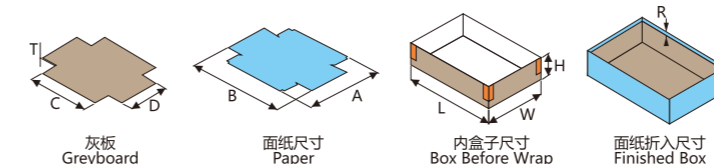
### > Features and function:

1. Suit to all kinds of rigid boxes in mass production.
2. Parameters adopts computer digital setting ;
3. Auto error stop and display;
4. Automatic feed paper and greyboard;
5. Automatic feed paper and draw gauge system;
6. Corner pasting part with independent man-machine control and heating system;
7. Adopts YASKAWA servo control system;
8. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm) (spotting accuracy±0.05mm);
9. Wrapper can automatic lift and wrap box.

### > 主要技术参数/Technical parameters

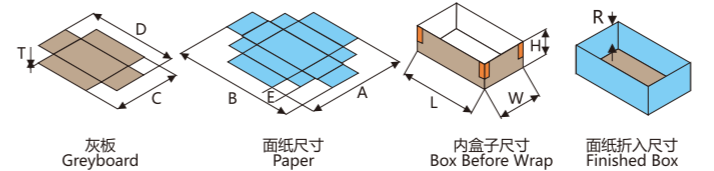
型号 Model	HM-ZD6435B	
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	510mm
	最短尺寸D(Min.)	80mm
	最宽尺寸C(Max.)	410mm
	最窄尺寸C(Min.)	70mm
	灰板厚度Thickness (T)	0.5-3mm
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	600mm
	最短尺寸B(Min.)	180mm
	最宽尺寸A(Max.)	420mm
	最窄尺寸A(Min.)	70mm
	面纸厚度Thickness	80-160gsm
盒子尺寸 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.)	900mm
最矮尺寸H(Min.)	10mm	
折耳尺寸 Paper Corner Edge(E)	E	10-90mm
面纸折入深度 Folding in Depth(R)	R	10-90mm
面纸堆台最高 Paper Pile Height Max.		600mm
灰板堆台最高 Greyboard Pile Height Max.		850mm
气源压力 Air Supply		460L/min, 0.8MPa
生产速度 Speed		≤30pcs/min
总功率 Power /电压 Voltage		32kW/AC380V
耗电量 Power Consumption		8kW/h
机器净重 Net Weight		4800kg
机器尺寸 Machine Dimension		7300x4500x3300mm

- 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.

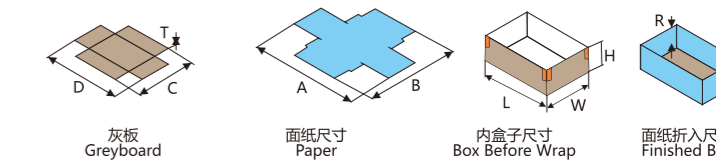


操作范围Operating range  
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$   
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

### 备注/Note:

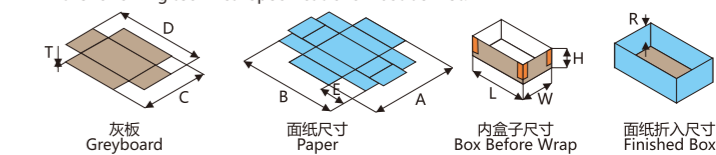
1. 盒子大小由面纸大小决定; The Finished Box Max. sizes are determined by paper size.  $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$ ;  $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$ .
2. 生产速度由盒子大小和面纸灰板的材质来决定;  
The production speed of the rigid box machine is determined by the box size, the paper and the greyboard materials.
3. 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-ZD350D

## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### 功能说明 >>> Description

HM-ZD350D 是一款针对常规尺寸精品盒，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。

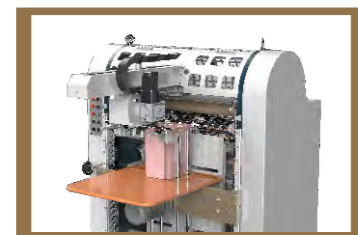
本机采用伺服控制系统、图像定位系统，实现进纸、过胶、进灰板、贴四角、定位、抱盒、包边、折耳和折入成型自动完成。

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 $\pm 0.05\text{mm}$ ，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。

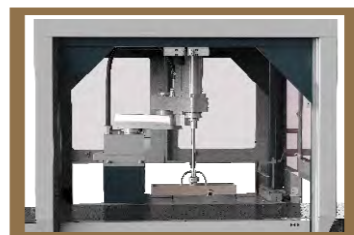
HM-ZD350D Automatic Rigid Box Machine with Double Wrapper, which suitable for medium-size premium boxes in mass production. It is suitable to make various types of rigid boxes such as jewelry boxes, mobile phone boxes, gift boxes, cosmetic boxes, watch boxes, etc. Its maximum length 350mm and maximum width 250mm, Size range is bigger, more suitable for current packaging market. Machine's appearance is new design which is safer and more beautiful.

HM-ZD350D 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.



过胶部分  
glue part



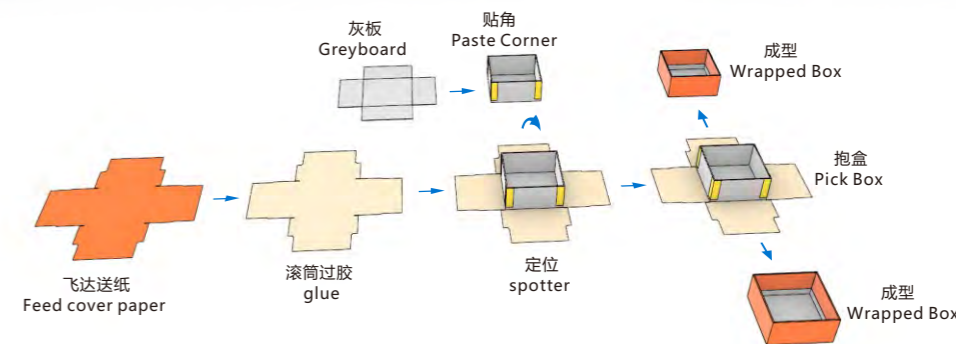
定位部分  
spotter part



贴角部分  
corner pasting part



成型部分  
wrapper part



## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### > 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、全电脑功能参数的设置;
- 3、故障诊断功能;
- 4、自动吸送面纸和送灰板功能;
- 5、24小时控制胶水预热功能;
- 6、成型机内置300项产品配方;
- 7、四角贴角加热单独人机界面控制;
- 8、整机采用安川伺服控制系统;
- 9、图像定位系统及机器人抓取;
- 10、成型部分自动抬盒引取装置;
- 11、胶水粘度自动控制系统(选配);
- 12、自动换模功能(选配)。

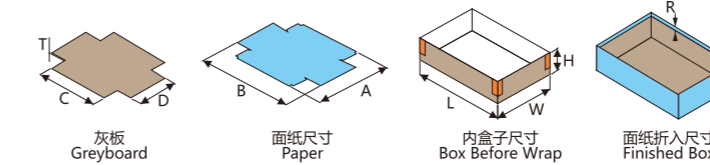
### > Features and function:

1. Suit to all kinds of rigid boxes in mass production;
2. Parameters adopts computer digital setting ;
3. Auto error stop and display;
4. Automatic feed paper and greyboard;
5. 24-hours control for glue pre-heating;
6. Wrapper can input 300 product formulas;
7. Corner pasting part with independent man-machine control and heating system;
8. Adopt YASKAWA servo control system;
9. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm) (spotting accuracy ±0.05mm);
10. Wrapper can automatic lift and wrap box;
11. Automatic control system for glue viscosity(optional).
12. Digital setting with memory system(optional).

### > 主要技术参数/Technical parameters

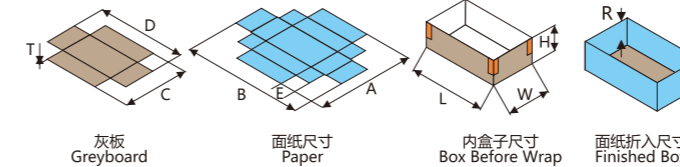
型号 Model	HM-ZD350D	
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	510mm
	最短尺寸D(Min.)	80mm
	最宽尺寸C(Max.)	410mm
	最窄尺寸C(Min.)	70mm
	灰板厚度Thickness (T)	0.5-3mm
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	600mm
	最短尺寸B(Min.)	180mm
	最宽尺寸A(Max.)	455mm
	最窄尺寸A(Min.)	70mm
	面纸厚度Thickness	80-160gsm
盒子尺寸 Finished 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
最矮尺寸H(Min.)	10mm	
折耳尺寸 Paper Corner Edge(E)	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		460L/min,0.8MPa
生产速度 Speed		≤45pcs/minutes
总功率 Total Power/电压 Voltage		43kW/AC380V
耗电量 Power Consumption		11kW/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.

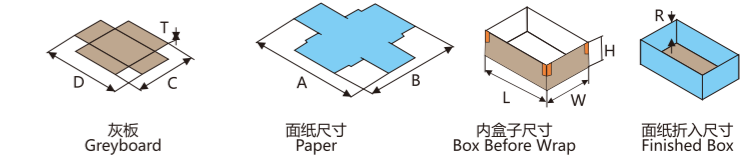


操作范围Operating range  
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$   
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

### 备注/Note:

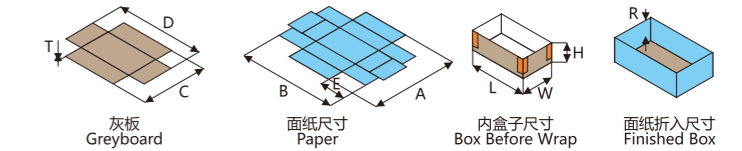
- 1、盒子大小由面纸大小决定; The Finished Box Max. sizes are determined by paper size.  
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$ ;  $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$
- 2、最大和最小尺寸不能同时满足; Either the Max. Sizes or the Min. Sizes can not be fulfilled on the same box.
- 3、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-ZD350K

## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### 功能说明 >>> Description

HM-ZD350K 是一款针对常规尺寸精品盒,旨在突出快速换模的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.

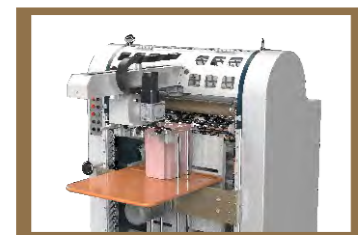
本机采用伺服控制系统、图像定位系统,实现进纸、过胶、进灰板、贴四角、定位、抱盒、包边、折耳和折入成型自动完成.

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 $\pm 0.05\text{mm}$ ,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.

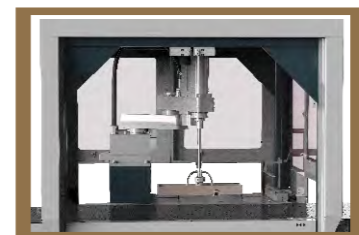
HM-ZD350K Automatic rigid box machine is for making premium boxes of regular size, which is digital setting with memory system. It is suitable for mass production of various box types, such as high-end jewelry boxes, mobile phone boxes, jewelry boxes, gift boxes, cosmetics boxes, watch boxes etc, the 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  $\pm 0.05\text{mm}$ . 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



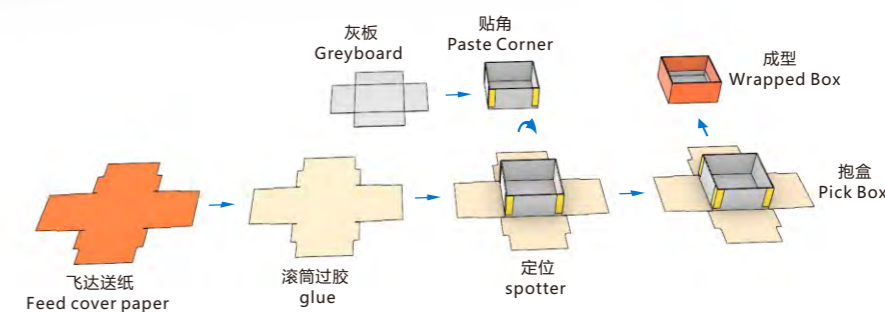
定位部分  
spotter part



贴角部分  
corner pasting part



成型部分  
wrapper part



## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### > 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、全电脑功能参数的设置和自动换模功能(选配);
- 3、故障诊断功能;
- 4、自动吸送面纸和送灰板功能;
- 5、24小时控制胶水预热功能;
- 6、成型机内置300项产品配方;
- 7、四角贴角加热单独人机界面控制;
- 8、整机采用安川伺服控制系统;
- 9、图像定位系统及机器人抓取;
- 10、成型部分自动抬盒引取装置;
- 11、胶水粘度自动控制系统(选配)。

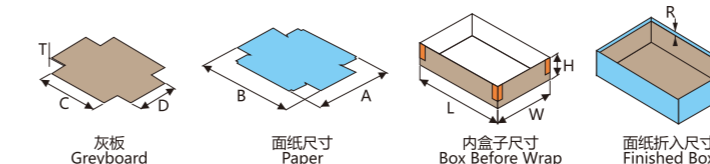
### > Features and function:

1. Suit to all kinds of rigid boxes in mass production;
2. Parameters adopts computer digital setting;
3. Auto error stop and display;
4. Automatic feed paper and greyboard;
5. 24-hours control for glue pre-heating;
6. Wrapper can input 300 product formulas;
7. Corner pasting part with independent man-machine control and heating system;
8. Adopt YASKAWA servo and PLC;
9. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm) (spotting accuracy  $\pm 0.05\text{mm}$ );
10. Wrapper can automatic lift and wrap box;
11. Automatic control system for glue viscosity (optional).
12. Digital setting with memory system (optional)

### > 主要技术参数/Technical parameters

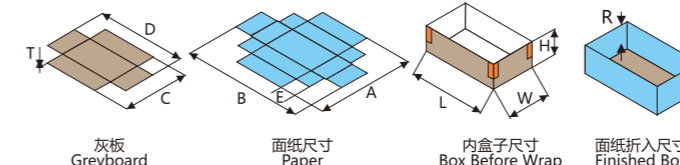
型号 Model	HM-ZD350K(1)	HM-ZD350K(2)	
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	510mm	510mm
	最短尺寸D(Min.)	80mm	80mm
	最宽尺寸C(Max.)	410mm	410mm
	最窄尺寸C(Min.)	70mm	70mm
	灰板厚度Thickness (T)	0.5-3mm	0.5-3mm
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	600mm	600mm
	最短尺寸B(Min.)	180mm	110mm
	最宽尺寸A(Max.)	455mm	455mm
	最窄尺寸A(Min.)	70mm	70mm
	面纸厚度Thickness	80-160gsm	80-160gsm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸L(Max.)	350mm	350mm
	最短尺寸L(Min.)	60mm	60mm
	最宽尺寸W(Max.)	250mm	250mm
	最窄尺寸W(Min.)	50mm	50mm
	最高尺寸H(Max.)	110mm	110mm
最矮尺寸H(Min.)	10mm	10mm	
折耳尺寸 Paper Corner Edge(E)	E	10-90mm	10-90mm
面纸折入深度 Folding in Depth(R)	R	10-80mm	10-80mm
面纸堆台最高 Paper Pile Height Max.		600mm	600mm
灰板堆台最高 Greyboard Pile Height Max.		850mm	850mm
胶桶容量 Glue Tank Volume		20L	20L
气源压力 Air Supply		460L/min,0.8MPa	460L/min,0.8MPa
生产速度 Speed		$\leq 30\text{pcs/min}$	$\leq 30\text{pcs/min}$
总功率 Total Power/电压 Voltage		34kW/AC380V	34kW/AC380V
耗电量 Power Consumption		8.5kW/h	8.5kW/h
机器净重 Net Weight		4300kg	4300kg
机器尺寸 Machine Dimension		6000x4500x3200mm	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.

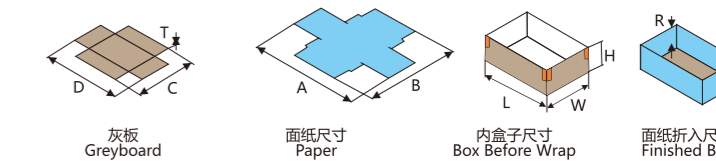


操作范围Operating range  
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$   
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

### 备注/Note:

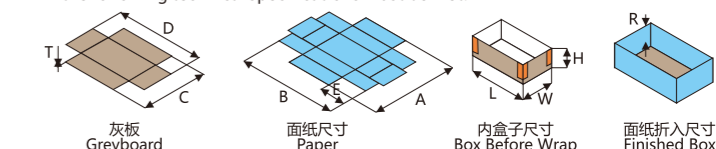
- 1、盒子大小由面纸大小决定; The finished Box Max sizes are determined by paper size.  
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$ ;  $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$
- 2、最大和最小尺寸不能同时满足; Either the Max. Sizes or the Min. Sizes can not be fulfilled on the same box.
- 3、做高度110mm的盒子时,盒子的长度需 $>80\text{mm}$ ;若盒子的长度 $<80\text{mm}$ ,盒子的高度最大为90mm。  
 If finished box height is 110mm, the length  $>80\text{mm}$ ; when the length  $<80\text{mm}$ , the finished box height  $\leq 90\text{mm}$
- 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 $8\text{atm}=0.808\text{MPa}$ ,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-ZD350A/HM-ZD350J

## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### 功能说明 >>> Description

HM-ZD350A 是一款针对常规尺寸精品盒的全自动智能制盒机

HM-ZD350J 是一款针对小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、斜边盒等等，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名牌伺服驱动，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。

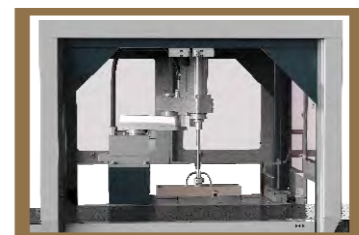
HM-ZD350A/HM-ZD350J is suitable to make various types of rigid boxes such as jewelry boxes, mobile phone boxes, gift boxes, cosmetic boxes, watch boxes, slanting box etc. Its maximum length 350mm and maximum width 250mm, Size range is bigger, more suitable for current packaging market. Machine's appearance is new design which is safer and more beautiful.

HM-ZD350A/J adopts PLC and man-machine control, camera tracing system, and can automatically feed cover paper, feed greyboard, paste four corners, spot greyboard, lift box, fold corner edges and wrap 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 efficiency. 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 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



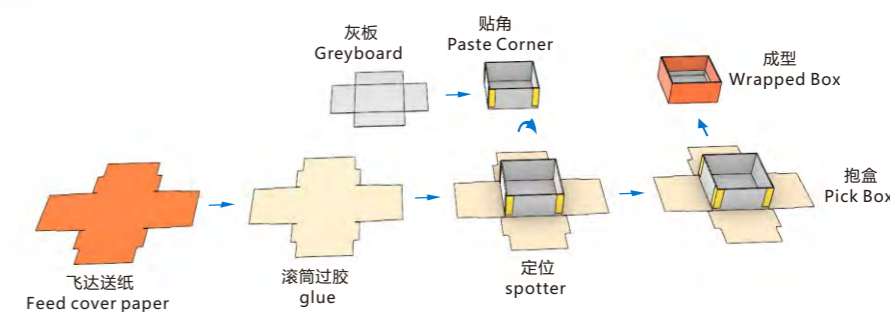
定位部分  
spotter part



贴角部分  
corner pasting part



成型部分  
wrapper part



# HM-ZD350A/HM-ZD350J



## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### > 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、全电脑功能参数的设置;
- 3、故障诊断功能;
- 4、自动吸送面纸和送灰板功能;
- 5、24小时控制胶水预热功能;
- 6、成型机内置300项产品配方;
- 7、四角贴角加热单独人机界面控制;
- 8、整机采用安川伺服控制系统;
- 9、图像定位系统及机器人抓取;
- 10、成型部分自动抬盒引取装置;
- 11、胶水粘度自动控制系统(选配);
- 12、自动换模功能(选配).

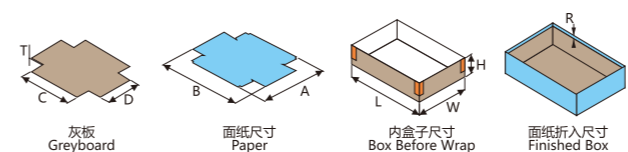
### > Features and function:

1. Suit to all kinds of rigid boxes in mass production;
2. Parameters adopts computer digital setting;
3. Auto error stop and display;
4. Automatic feed paper and greyboard;
5. 24-hours control for glue pre-heating;
6. Wrapper can input 300 product formulas;
7. Corner pasting part with independent man-machine control and heating system;
8. Adopt YASKAWA servo control system;
9. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm) (spotting accuracy  $\pm 0.05\text{mm}$ );
10. Wrapper can automatic lift and wrap box;
11. Automatic control system for glue viscosity (optional).
12. Digital setting with memory system(optional).

### > 主要技术参数/Technical parameters

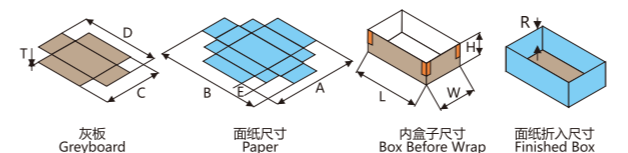
型号 Model		HM-ZD350A	HM-ZD350J
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	510mm	510mm
	最短尺寸D(Min.)	80mm	65mm
	最宽尺寸C(Max.)	410mm	410mm
	最窄尺寸C(Min.)	70mm	55mm
	灰板厚度Thickness (T)	0.5-3mm	0.5-3mm
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	600mm	600mm
	最短尺寸B(Min.)	180mm	110mm
	最宽尺寸A(Max.)	455mm	455mm
	最窄尺寸A(Min.)	70mm	70mm
	面纸厚度Thickness	80-160gsm	80-160gsm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸L(Max.)	350mm	350mm
	最短尺寸L(Min.)	60mm	45mm
	最宽尺寸W(Max.)	250mm	250mm
	最窄尺寸W(Min.)	50mm	35mm
	最高尺寸H(Max.)	120mm	80mm
最矮尺寸H(Min.)	10mm	10mm	
折耳尺寸 Paper Corner Edge(E)	E	10-100mm	10-100mm
面纸折入深度 Folding in Depth(R)	R	10-80mm	10-80mm
面纸堆台最高 Paper Pile Height Max.		600mm	600mm
灰板堆台最高 Greyboard Pile Height Max.		850mm	850mm
胶桶容量 Glue Tank Volume		20L	20L
气源压力 Air Supply		480L/min,0.8MPa	480L/min,0.8MPa
生产速度 Speed		$\leq 30\text{pcs/min}$	$\leq 30\text{pcs/min}$
总功率 Total Power/电压 Voltage		33kW/AC380V	33kW/AC380V
耗电量 Power Consumption		8.5kW/h	8.5kW/h
机器净重 Net Weight		4200kg	4200kg
机器尺寸 Machine Dimension		5500x4500x3300mm	5500x4500x3300mm

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.



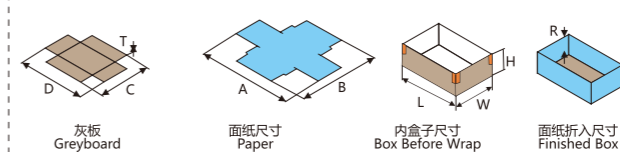
操作范围Operating range  
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$   
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

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.



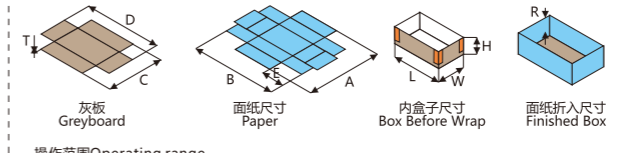
操作范围Operating range  
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$   
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

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.



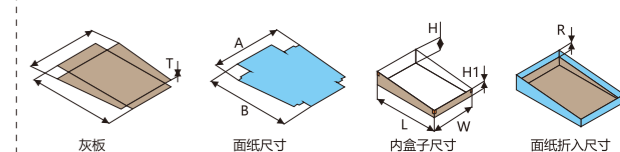
操作范围Operating range  
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$   
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

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

5、斜边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 slanting boxes, the following technical specifications must be met.



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

### 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 $8\text{atm}=0.808\text{MPa}$ ,空压机功率:7.5kW。  
 Seller doesn't provide air compressor. (8atm=0.808MPa, 7.5kW compressor is needed)
- 5、第5号盒子为HM-ZD350A & HM-ZD350J 的选配功能。 Item 5 is optional device for HM-ZD350A & HM-ZD350J.



# HM-ZD350K-B



## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### 功能说明 >>> Description

HM-ZD350K-B 是一款针对带底盒(薄底托), 兼顾精品盒的多功能全自动智能制盒机, 且可选配侧面贴磁铁功能。适用于多种盒型的大量生产, 如带底盒, 高档珠宝盒、手机盒、礼品盒、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、底板定位、底板喷胶、盒坯定位、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; 双色输送带免去了更换输送带的麻烦, 节省时间, 属鸿铭发明专利; 底板喷胶及侧面贴磁铁部分均采用知名品牌热胶机, 喷胶效果好; 底板及盒坯定位部分均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-ZD350K-B Automatic rigid box machine with multi-function is specially designed for boxes with (thin) tray and regular rigid boxes' production, allows to add the optional function of sticking magnets. It is suitable for mass production of various box types, such as boxes with tray, premium jewelry boxes, mobile phone boxes, gift boxes, cosmetic boxes, watch boxes etc. 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.

The machine adopts PLC and man-machine control system, camera tracing system, and can automatically feed paper, glue paper, baseboard positioning, baseboard glue spraying, box shell positioning, lift box, fold corner edges and wrap box.

The feeder, the gluer and the conveyor are driven by servos which have continuously variable transmission and enjoy high accuracy, easy adjusting, and efficiency; Double colors conveyor can avoid changing to other color belt, which is Hongming's patent. This machine adopts the well-known brand gluing machine for the baseboard spray gluing and insert magnet, and the effect is good; The baseboard and box shell spotting unit adopt camera tracing system and robot arm to pick and spot the greyboard, enhancing the spotter accuracy to  $\pm 0.05\text{mm}$ , the speed is faster; The wrapping 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



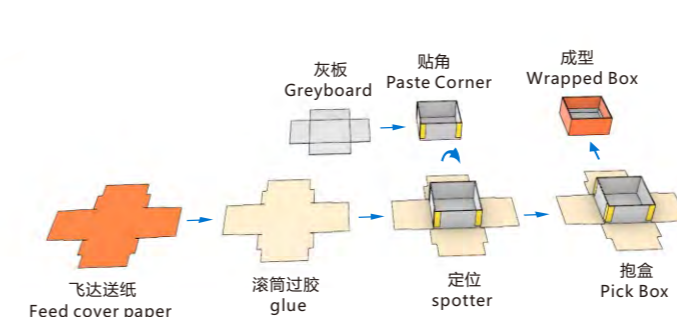
定位部分  
spotter part



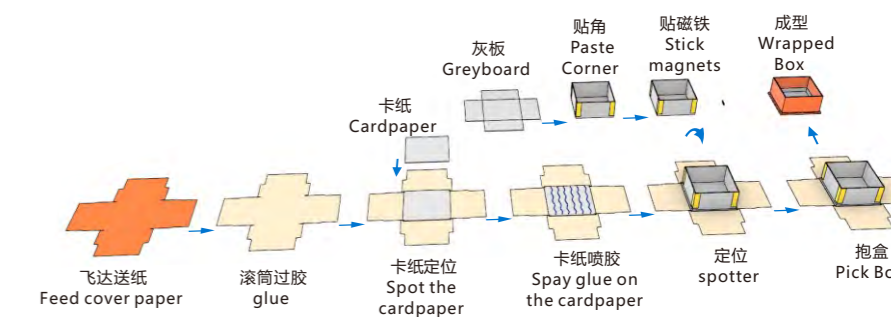
贴角部分  
corner pasting part



成型部分  
wrapper part



Process (1)



Process (2)

# HM-ZD350K-B

## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### > 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. 故障诊断功能
3. 自动吸送面纸功能
4. 底板喷胶功能
5. 侧面贴磁铁功能(选配)
6. 24 小时控制胶水预热功能
7. 整机采用安川伺服控制系统
8. 图像定位系统及机器人抓取(定位误差±0.05mm)
9. 成型部分自动抬盒引取装置

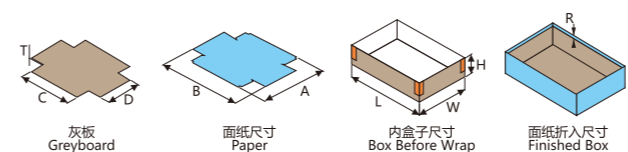
### > Features and function:

1. Suit to all kinds of rigid boxes in mass production.
2. Auto error stop and display,.
3. Automatic feed paper.
4. Baseboard spray gluing function;
5. Magnet insert system(optional)
6. 24-hours control for glue pre-heating.
7. Adopt YASKAWA servo control system;
8. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm) (spotting accuracy ±0.05mm);
9. Wrapper can automatic lift and wrap box.

### > 主要技术参数/Technical parameters

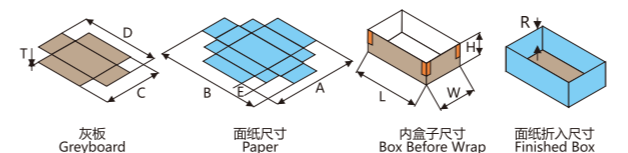
型号 Model	HM-ZD350K-B	
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸D(Max.)	600mm
	最短尺寸D(Min.)	110mm
	最宽尺寸C(Max.)	455mm
	最窄尺寸C(Min.)	70mm
盒子尺寸(不带侧面贴磁铁功能时) Finished Box Size(Without magnet installing function) (L=Length, W=Width, H=Height)	最长尺寸B(Max.)	350mm
	最短尺寸B(Min.)	40mm
	最宽尺寸A(Max.)	250mm
	最窄尺寸A(Min.)	40mm
	最高尺寸H(Max.)	90mm
	最矮尺寸H(Min.)	12mm
贴板尺寸 Baseboard Size (L=Length W=Width)	最长尺寸L(Max.)	580mm
	最短尺寸L(Min.)	50mm
	最宽尺寸W(Max.)	300mm
	最窄尺寸W(Min.)	40mm
喷胶尺寸 (Glue Spray Size)	最长尺寸D(Max.)	300mm
	最宽尺寸C(Max.)	300mm
盒子尺寸(带侧面贴磁铁功能时) Finished Box Size(With installing magnet function)	最长尺寸D(Max.)	100mm
	最短尺寸L(Min.)	40mm
	最宽尺寸W(Max.)	100mm
	最窄尺寸W(Min.)	40mm
	最高尺寸H(Max.)	50mm
灰板厚度Greyboard Thickness(T)	T	0.5-3mm
面纸厚度 Paper Thickness		80-160gsm
折耳尺寸 Paper Corner Edge(E)	E	10-80mm
面纸折入深度 Folding in Depth(R)	R	8-80mm
面纸堆台最高 Paper Pile Height Max.		600mm

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.



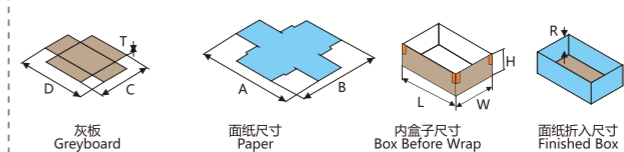
操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

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.



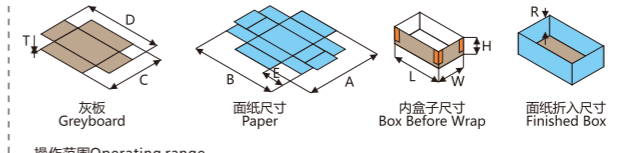
操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

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(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(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(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(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(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.); B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)
2. 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.
3. 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)

### > 主要技术参数/Technical parameters

型号 Model	HM-ZD350K-B
气源压力 Air Supply	480L/min, 0.8MPa
生产速度 Speed	≤ 25pcs/min
总功率 Total Power/电压 Voltage	43kW/AC380V
耗电量 Power Consumption	11kW/h
机器净重 Net Weight	4000kg
机器尺寸 Machine Dimension	9500x4500x3000mm

# HM-ZD350K-S



## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### 功能说明 >>> Description

HM-ZD350K-S 是一款针对常规尺寸精品盒，旨在突出兼顾滚筒过胶及丝印过胶的多功能全自动智能制盒机，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、斜边盒等等。可根据产品切换过胶模式，既可滚筒过胶，也可丝印过胶。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、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；双色输送带免去了更换输送带的麻烦，节省时间，属鸿铭发明专利；定位部分均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

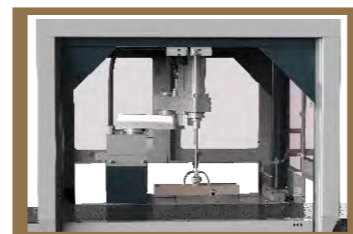
HM-ZD350K-S Automatic Rigid Box Machine is a multi-functional automatic intelligent equipment for the regular size premium box, which is designed to highlight both the roller glue and the screen glue. It is suitable to make various types of rigid boxes for mass production, such as jewelry boxes, mobile phone boxes, gift boxes, cosmetic boxes, watch boxes, etc. Glue model can be shifted between roller glue and screen glue according to the product. Size range is bigger, more suitable for current packaging market. Machine's appearance is new design which is safer and more beautiful.

HM-ZD350K-S adopts PLC and man-machine control, camera tracing system, and can automatically feed cover paper, feed greyboard, glue the paper, spot the bottom plate, spraying glue on the bottom plate, spot the box shell, lift box, fold corner edges and wrap box.

The feeder, the gluer and the conveyor are driven by servos which have continuously variable transmission and enjoy high accuracy, easy adjusting, and efficiency. Double colors conveyor can save the time for changing to other color belt, which is Hongming's patent. 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 employs Japanese 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



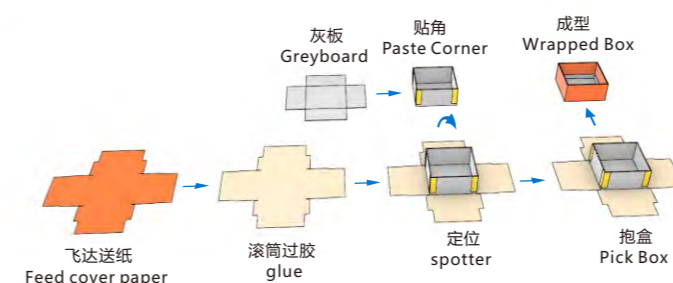
定位部分  
spotter part



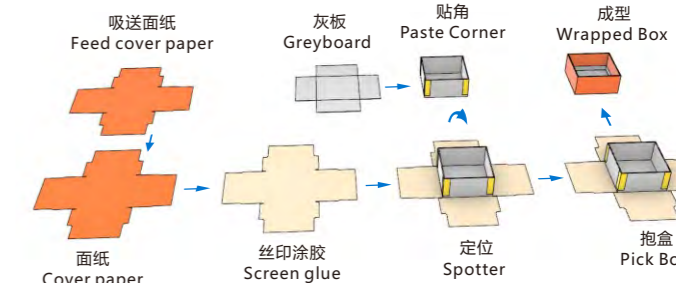
贴角部分  
corner pasting part



成型部分  
wrapper part



Process (1)



Process (2)

## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### > 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. 故障诊断功能;
3. 自动吸送面纸功能;
4. 过胶模式切换功能;
5. 24 小时控制胶水预热功能;
6. 整机采用安川伺服控制系统;
7. 图像定位系统及机器人抓取(定位误差±0.05mm);
8. 成型部分自动抬盒引取装置;
9. 胶水粘度自动控制系统 (选配);

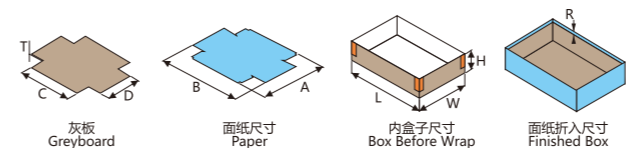
### > Features and function:

1. Suit to all kinds of rigid boxes in mass production
2. Auto error stop and display
3. Automatically feed paper and greyboard
4. Glue mode switching function
5. 24-hour control for glue pre-heating
6. Adopt YASKAWA servo control system
7. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm)(Spotting accuracy ±0.05mm)
8. Wrapper can automatic lift and wrap box.
9. Automatic control system for glue viscosity(optional).

### > 主要技术参数/Technical parameters

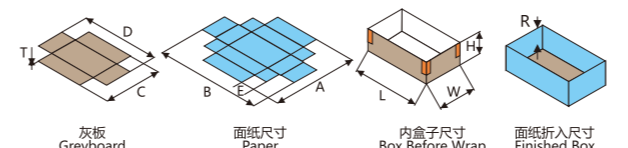
型号 Model	HM-ZD350K-S	
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	510mm
	最短尺寸D(Min.)	80mm
	最宽尺寸C(Max.)	410mm
	最窄尺寸C(Min.)	70mm
面纸尺寸(滚筒过胶) Paper Size(Roller glue) (B=Length, A=Width)	灰板厚度Thickness (T)	0.5-3mm
	最长尺寸B(Max.)	600mm
	最短尺寸B(Min.)	180mm
	最宽尺寸A(Max.)	455mm
面纸尺寸(丝网过胶) Paper Size(Screen Glue) (B=Length, A=Width)	最窄尺寸A(Min.)	70mm
	面纸厚度Thickness	80-160gsm
	最长尺寸L(Max.)	580mm
	最短尺寸L(Min.)	50mm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最宽尺寸W(Max.)	300mm
	最窄尺寸W(Min.)	40mm
	面纸厚度Thickness	80-160gsm
	最长尺寸D(Max.)	350mm
面纸折入深度Folding-in Depth (R)	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.)	90mm
折耳尺寸 Paper Corner Edge(E)	最矮尺寸H(Min.)	10mm
	R	8-80mm
面纸堆台最高 Paper Pile Height Max.	E	10-80mm
灰板堆台最高 Greyboard Pile Height Max		600mm
胶桶容量 Glue Tank Volume		850mm
		20L

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.



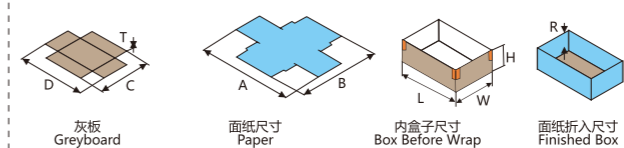
操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

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.



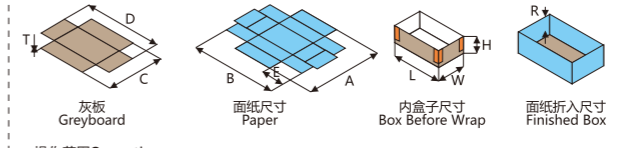
操作范围Operating range  
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

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(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(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(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)  
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(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(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.); B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)
2. 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.
3. 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)

### > 主要技术参数/Technical parameters

型号 Model	HM-ZD350K-S
气源压力 Air Supply	480L/min, 0.8MPa
生产速度 Speed	≤25pcs/min
总功率 Total Power/电压 Voltage	43kW/AC380V
耗电量 Power Consumption	11kW/h
机器净重 Net Weight	4000kg
机器尺寸 Machine Dimension	9500x4500x3000mm

# HM-ZD350K-C



## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### 功能说明 >>> Description

HM-ZD350K-C 是一款针对带底盒(厚底托), 兼顾精品盒的多功能全自动智能制盒机, 适用于多种盒型的大量生产, 如带底盒、高档珠宝盒、手机盒、首饰盒、礼品盒、化妆品盒、手表盒等等。最大能做到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、底板定位、底板喷胶、盒坯定位、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; 双色输送带免去了更换输送带的麻烦, 节省时间, 属鸿铭发明专利; 底板喷胶部分采用知名品牌热胶机, 喷胶效果好; 底板及盒坯定位部分均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-ZD350K-C Automatic Rigid Box Machine is a multi-functional automatic intelligent equipment designed specially for boxes with (thick) tray and various of premium boxes in mass production, such as boxes with tray, high-grade jewelry boxes, mobile phone boxes, gift boxes, cosmetic boxes, watch boxes, ect. The maxium size can be 350mm in length, 250mm in width. Size range is bigger and more suitable for current packaging market. Machine's appearance is new design which is safer and more beautiful.

HM-ZD350K-C adopts PLC and man-machine control, camera tracing system, and can automatically feed cover paper, feed greyboard, glue the paper, spot the basw tray, spraying glue on the bottom tray, spot the box shell, lift box, fold corner edges and wrap box.

The feeder, the gluer and the conveyor are driven by servos which have continuously variable transmission and enjoy high accuracy, easy adjusting, and efficiency. Double colors conveyor can save the time for changing to other color belt, which is Hongming's patent. The spray glued part of the base tray adopts the well-known brand hot glue machine, and the glue spraying effect is good. The base tray and the box shell unit adopt camera tracing system and robot arm to pick spot the bottom plate, enhancing the spotter accuracy to  $\pm 0.05\text{mm}$ . 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



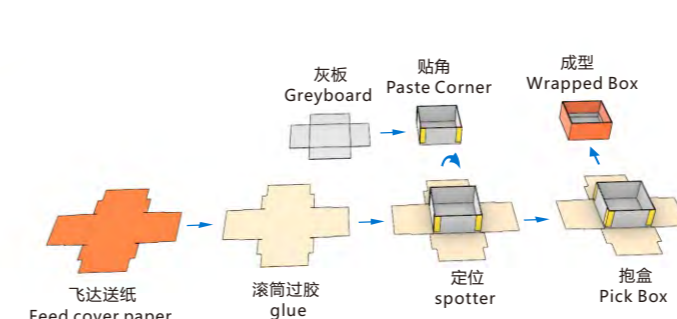
定位部分  
spotter part



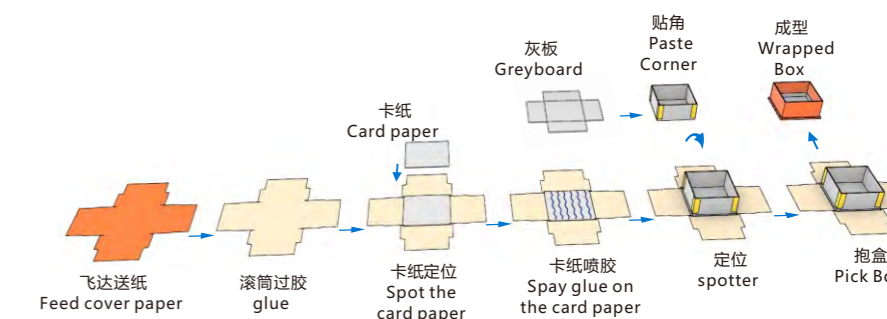
贴角部分  
corner pasting part



成型部分  
wrapper part



Process (1)



Process (2)

# HM-ZD350K-C

## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### > 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. 故障诊断功能;
3. 自动吸送面纸功能;
4. 底板喷胶功能;
5. 24小时控制胶水预热功能;
6. 整机采用安川伺服控制系统;
7. 图像定位系统及机器人抓取(定位误差±0.05mm);
8. 成型部分自动抬盒引取装置;
9. 胶水粘度自动控制系统(选配);

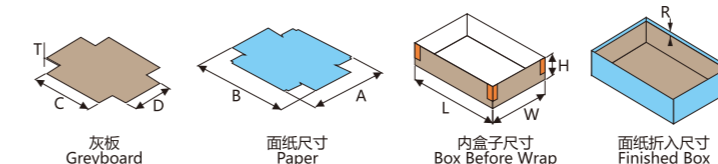
### > Features and function:

1. Suit to all kinds of rigid boxes in mass production
2. Auto error stop and display
3. Automatic feed paper and greyboard
4. Base tray spray gluing function
5. 24-hour control for glue pre-heating
6. Adopts YASKAWA servo control system
7. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm) (spotting accuracy±0.05mm).
8. Wrapper can automatic lift and wrap box.
9. Automatic control system for glue viscosity(optional).

### > 主要技术参数/Technical parameters

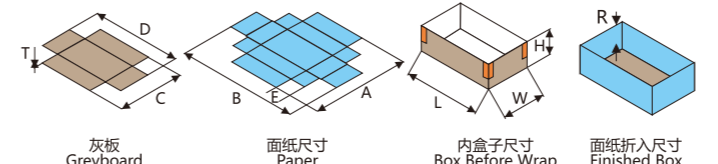
型号 Model	HM-ZD350K-C	
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸D(Max.)	600mm
	最短尺寸D(Min.)	110mm
	最宽尺寸C(Max.)	455mm
	最窄尺寸C(Min.)	70mm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸B(Max.)	350mm
	最短尺寸B(Min.)	50mm
	最宽尺寸A(Max.)	250mm
	最窄尺寸A(Min.)	40mm
贴板尺寸 Bottom Board Size (L=Length W=Width)	最高尺寸H(Max.)	90mm
	最矮尺寸H(Min.)	10mm
	最长尺寸L(Max.)	500mm
	最短尺寸L(Min.)	45mm
喷胶尺寸 (Glue Spray Size)	最宽尺寸W(Max.)	300mm
	最窄尺寸W(Min.)	45mm
	最长尺寸H(Max.)	300mm
	最短尺寸H(Min.)	300mm
灰板厚度 Greyboard Thickness(T)	T	0.5-3mm
面纸厚度 Paper Thickness		80-160gsm
折耳尺寸 Paper Corner Edge(E)	E	10-90mm
面纸折入深度 Folding in Depth(R)	R	8-80mm
面纸堆台最高 Paper Pile Height Max.		600mm
气源压力 Air Supply		480L/min, 0.8MPa
生产速度 Speed		≤25pcs/min
总功率 Power /电压 Voltage		42kW/AC380V
耗电量 Power Consumption		11kW/h
机器净重 Net Weight		4000kg
机器尺寸 Machine Dimension		9500x4500x3000mm

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.

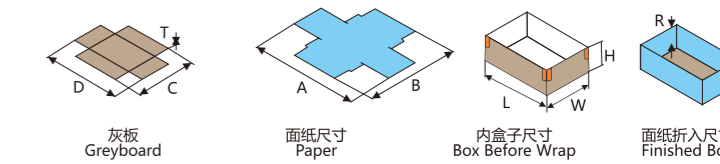


操作范围Operating range  
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$   
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

### 备注/Note:

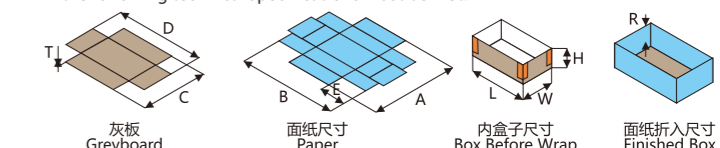
1. 盒子大小由面纸大小决定; The Finished Box Max. sizes are determined by paper size.  $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$ ;  $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$
2. 生产速度由盒子大小和面纸灰板的材质来决定;  
The production speed of the rigid box machine is determined by the box size, the paper and the greyboard materials.
3. 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. 对接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-ZD2418/ZD2418PLUS

## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### 功能说明 >>> Description

HM-ZD2418/HM-ZD2418PLUS 是一款针对小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、斜边盒等等。

本机采用PLC和触摸屏人机控制系统、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、过胶和输送带使用伺服驱动，可无极变速，高精度，易调节，省时间；双色输送带免去了更换输送带的麻烦，节省时间，属鸿铭发明专利；定位部分配置德国500万像素摄像头和抓盒机械手，精度高，误差范围在 $\pm 0.05\text{mm}$ ；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。

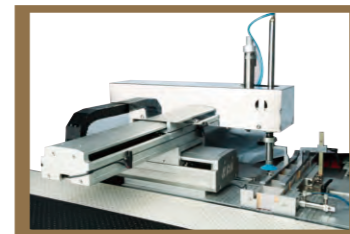
HM-ZD2418/HM-ZD2418PLUS Automatic Rigid Box Machine is an automatic intelligent equipment for the small sizes premium box, it is suitable to make various of rigid boxes types in mass production, such as high-grade jewelry boxes, ornaments boxes, gift boxes, watch boxes, pencil boxes, candy boxes, souvenir boxes, cosmetic boxes, etc.

This machine adopts PLC and man-machine control, error auto stop and display, camera tracing system, and can automatically feed cover paper, feed greyboard, paste four corners, spot greyboard, lift box, fold corner edges and wrap box.

The feeder, the gluer and the conveyor are driven by servo system, the machine has continuously variable transmission and enjoys high accuracy, easy adjusting, and efficiency. Double colors conveyor can save the time for changing to another color belt, which is Hongming's patent. The spotting unit adopts Germany camera with 5 million pixel and robot arm to pick and spot the greyboard, enhancing the spotting accuracy to  $\pm 0.05\text{mm}$ . 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



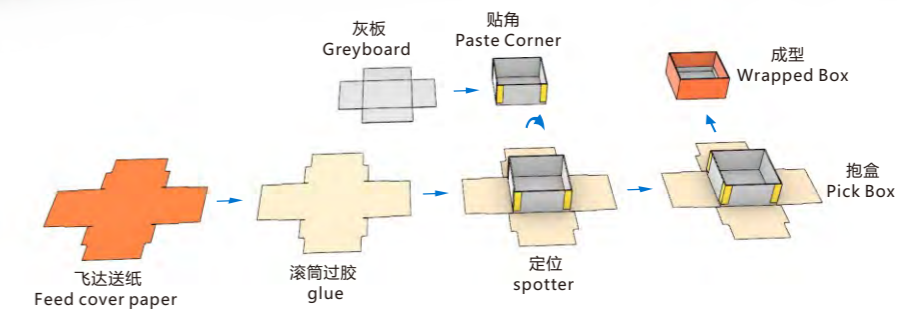
定位部分  
spotter part



贴角部分  
corner pasting part



成型部分  
wrapper part



# HM-ZD2418/ZD2418PLUS



## 全自动智能制盒机 >>> Automatic Rigid Box Machine

### > 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、全电脑功能参数的设置;
- 3、故障诊断功能;
- 4、自动吸送面纸和送灰纸板功能;
- 5、24小时控制胶水预热功能;
- 6、四角贴角加热单独人机界面控制;
- 7、整机采用伺服控制系统;
- 8、图像定位系统及机器人抓取(定位误差±0.05mm);
- 9、纸盒自动抬盒引取装置;
- 10、胶水粘度自动控制系统(选配);

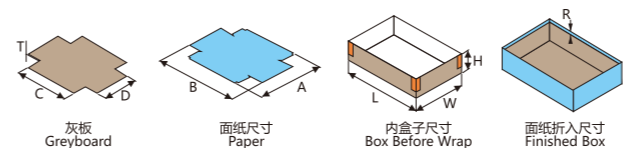
### > Features and function:

1. Suit to all kinds of rigid boxes in mass production;
2. Parameters adopts computer digital setting;
3. Auto error stop and display;
4. Automatically feed paper and greyboard;
5. 24-hours control for glue pre-heating;
6. Corner pasting part with independent man-machine control and heating system;
7. Adopt servo and PLC control;
8. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm) (spotting accuracy ±0.05mm);
9. Wrapper can automatic lift and wrap box;
10. Automatic control system for glue viscosity (optional).

### > 主要技术参数/Technical parameters

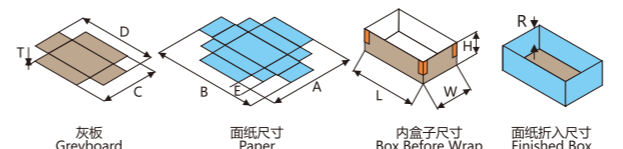
型号 Model		HM-ZD2418	HM-ZD2418PLUS
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	400mm	510mm
	最短尺寸D(Min.)	65mm	65mm
	最宽尺寸C(Max.)	320mm	410mm
	最窄尺寸C(Min.)	55mm	55mm
	灰板厚度Thickness (T)	0.5-3mm	0.5-3mm
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	450mm	600mm
	最短尺寸B(Min.)	110mm	110mm
	最宽尺寸A(Max.)	305mm	455mm
	最窄尺寸A(Min.)	70mm	70mm
	面纸厚度Thickness	80-160gsm	80-160gsm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸L(Max.)	240mm	350mm
	最短尺寸L(Min.)	45mm	45mm
	最宽尺寸W(Max.)	160mm	250mm
	最窄尺寸W(Min.)	35mm	35mm
	最高尺寸H(Max.)	80mm	80mm
最低尺寸H(Min.)	10mm	10mm	
折耳尺寸 Paper Corner Edge(E)	E	10-100mm	10-100mm
面纸折入深度 Folding in Depth(R)	R	8-80mm	8-80mm
面纸堆台最高 Paper Pile Height Max.		600mm	600mm
灰板堆台最高 Greyboard Pile Height Max.		400mm	400mm
胶桶容量 Glue Tank Volume		20L	20L
气源压力 Air Supply		480L/min, 0.8MPa	480L/min, 0.8MPa
生产速度 Speed		≤30pcs/min	≤30pcs/min
总功率 Total Power/电压 Voltage		29kW/AC380V	29kW/AC380V
耗电量 Power Consumption		7.5kW/h	7.5kW/h
机器净重 Net Weight		4000kg	4200kg
机器尺寸 Machine Dimension		4500x3500x3000mm	4500x3500x3000mm

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.



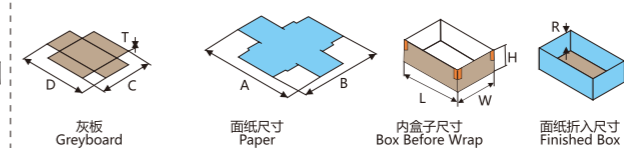
操作范围Operating range  
A(Min.) ≤ W+2H+2T+2R ≤ A(Max.)  
B(Min.) ≤ L+2H+2T+2R ≤ B(Max.)

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.



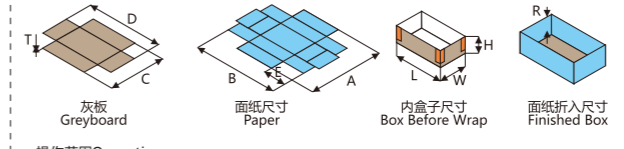
操作范围Operating range  
A(Min.) ≤ W+2H+2T+2R ≤ A(Max.)  
B(Min.) ≤ L+2H+2T+2R ≤ B(Max.)

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.



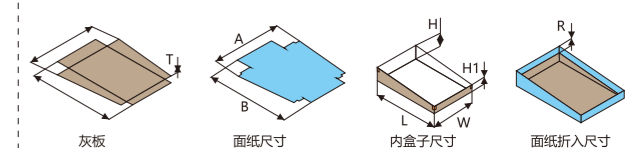
操作范围Operating range  
A(Min.) ≤ W+2H+2T+2R ≤ A(Max.)  
B(Min.) ≤ L+2H+2T+2R ≤ B(Max.)

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(Min.) ≤ W+2H+2T+2R ≤ A(Max.)  
B(Min.) ≤ L+2H+2T+2R ≤ B(Max.)

5、斜边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 slanting boxes, the following technical specifications must be met.



操作范围Operating range  
A(Min.) ≤ W+2H+2T+2R ≤ A(Max.)  
B(Min.) ≤ L+2H+2T+2R ≤ B(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(Min.) ≤ W+2H+2T+2R ≤ A(Max.); B(Min.) ≤ L+2H+2T+2R ≤ B(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)
- 5、第5项盒子为HM-ZD2418 和 HM-ZD2418PLUS选配功能.  
Item 5 is optional devices for HM-ZD2418/ZD2418PLUS.



# HM-ZD600B

## 全自动制盒机 >>> Automatic Rigid Box Machine

### 功能说明 >>> Description

HM-ZD600B 是一款针对大尺寸精品盒的全自动制盒机，专业用于鞋盒、手机盒、衬衫盒、玩具盒、茶叶盒、书型盒等各种天地盒的大量生产。

本机采用日本松下PLC和触摸屏人机控制系统、光电跟踪定位系统、液压纠偏系统，实现进纸、过胶、进灰板、贴四角、定位、拖盒、包边、折耳和折入成型自动完成。

在输送带与飞达使用伺服控制系统，可无极变速，高精度，易调节，省时间，双色输送带免去了更换输送带的麻烦，节省时间，属鸿铭发明专利；定位部分采用瑞士微量节流阀，丝杆定位纠偏，提高定位精度，把误差范围缩小到 $\pm 0.2\text{MM}$ ；成型机导杆采用进口直线导轨，更稳定耐磨使用寿命超过10年。

HM-ZD600B Automatic Rigid Box Machine for large-size rigid box. It is mainly used for mass production of various premium boxes, such as shoe boxes, mobile phone boxes, shirt boxes, toy boxes, and tea boxes ,etc.

This machine adopts Japanese Panasonic PLC and man-machine control, electric eye tracing system, hydraulic rectifying system, and can automatically feed cover paper, feed greyboard, paste four corners, spot greyboard, drag box, wrap box, fold corner edges and form box.

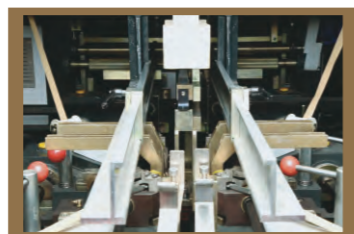
The feeder, the gluer and the conveyor are driven by servo system, which have continuously variable transmission and enjoy high accuracy, easy adjusting, efficiency. Double colors conveyor can save the time for changing to other color belt, which is Hongming's patent. The spotting unit adopts Switzerland micro throttle valve, lead-screw for rectifying, enhancing the spotting accuracy to  $\pm 0.2\text{mm}$ . The forming unit employs import linear slider, guaranteeing over 10 years stable quality.



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



# HM-ZD600B

## 全自动制盒机 >>> Automatic Rigid Box Machine

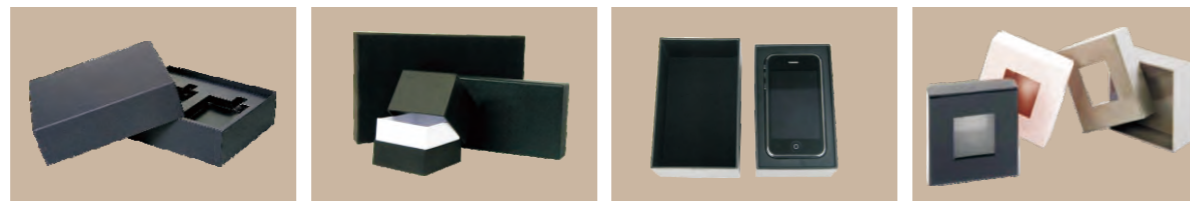
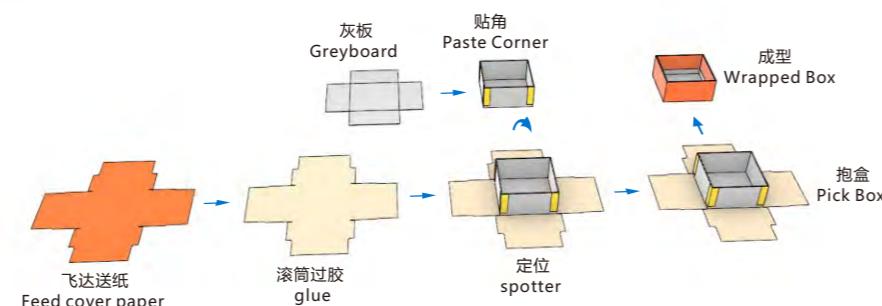
### > 机组特点和标准配置

- 1、适合各种天地盖硬盒的自动生产;
- 2、全电脑功能参数的设置和故障显示停机功能;
- 3、自动吸送面纸和灰板功能;
- 4、24小时控制胶水预热功能;
- 5、四角贴角加热单独人机界面控制;
- 6、整机采用日本松下PLC和触摸屏人机控制系统;
- 7、纠偏定位系统(定位误差±0.2mm);
- 8、成型部位自动引取装置;
- 9、改装自动生产多种异形天地盒(选配);
- 10、胶水粘度自动控制系统(选配)。

### > Features and function:

1. Suit to all kinds of rigid boxes in mass production;
2. Computer control with error auto stop and display;
3. Automatic feed paper and greyboard;
4. 24-hours control for glue pre-heating;
5. Corner pasting part with independent man-machine control and heating system;
6. Adopts Japanese Panasonic PLC and man-machine control system.
7. Spotter by electric eye tracing system and hydraulic rectifying system (spotting accuracy ±0.2mm);
8. Wrapper can automatically and continually deliver box, wrap paper, fold corner edge, fold in and wrap box;
9. Remodel for irregular boxes and plastic boxes (optional);
10. Automatic control system for glue viscosity (optional).

### > 生产流程/Production process



### > 主要技术参数/Technical parameters

型号 Model	HM-ZD600B	
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.)	85mm
	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
最低尺寸H(Min.)	12mm	
折耳尺寸 Paper Corner Edge(E)	E	10-16mm
面纸折入深度 Folding in Depth(R)	R	10-45mm
面纸堆台最高 Paper Pile Height Max.		750mm
灰板堆台最高 Greyboard Pile Height Max.		850mm
发热功率 Heating Power		4KW
胶桶容量 Glue Tank Volume		40L
气源压力 Air Supply		350L/min, 0.8MPa
生产速度 Speed		≤30pcs/min
总功率 Machine Power/电压Voltage		21kW/AC380V
耗电量 Power Consumption		5.5kW/h
机器净重 Net Weight		5800kg
机器尺寸 Machine Dimension		7000x4500x3300mm

### 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)
- 5、特定盒子, 特定面纸尺寸折入深度大于20mm。  
Specific box and paper can fulfill folding in depth above 20mm.

# HM-ZD240

## 全自动制盒机 >>> Automatic Rigid Box Machine

### 功能说明 >>> Description

HM-ZD240 是一款针对小尺寸精品盒的全自动制盒机，专业用于各类高档珠宝盒、首饰盒、手表盒、笔盒、礼品盒、糖果盒、纪念品盒、首饰盒、化妆品盒等小型天地盖盒子的大量生产。盒子最小成型尺寸为45×45×10mm，胜任所有戒指盒等首饰盒的生产，为全国最小盒子尺寸的制盒机。

本机采用日本松下PLC和触摸屏人机控制系统、自动故障停机显示、图像定位系统，实现进纸、过胶、进灰板、贴四角、定位、拖盒、包边、折耳和折入成型自动完成。

在输送带与飞达头使用伺服控制系统，可无极变速，高精度，易调节，省时间；双色输送带免去了更换输送带的麻烦，节省时间，属鸿铭发明专利；定位配置德国500万像素摄像头和抓盒机械手，精确度极高，误差范围缩小在±0.05mm，成型机导杆系统采用进口导杆直线轴承，稳定耐磨。

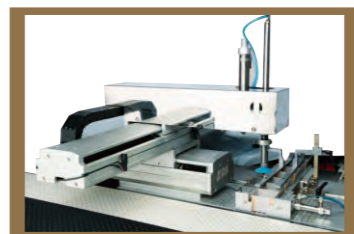
HM-ZD240 Automatic Rigid Box Machine is specialized for small-size premium boxes, such as jewelry boxes, ornaments boxes, gift boxes, watch boxes, pencil boxes, candy boxes, souvenir boxes, and cosmetic boxes, etc. The minimum size for wrapped box is 45×45×10mm, which covers the ring box. It is the automatic rigid box machine for the smallest rigid boxes in China.

This machine adopts PLC and man-machine control, error auto stop and display, camera tracing system, and can automatically feed cover paper, feed greyboard, paste four corners, spot greyboard, and wrap box.

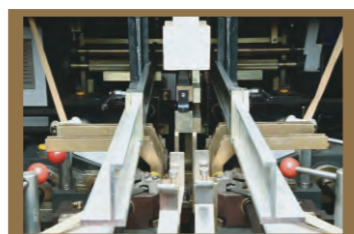
The feeder, the gluer and the conveyor are driven by servo system which has continuously variable transmission and enjoys high accuracy, easy adjusting, and efficiency. Double colors conveyor can save the time for changing to other color belt, which is Hongming's patent. The spotting unit adopts Germany camera with 5 million pixel and robot arm to pick and spot the greyboard, enhancing the spotting accuracy to ±0.05mm. The forming unit employs foreign linear slider, stable and wear resistant.



过胶部分  
glue part



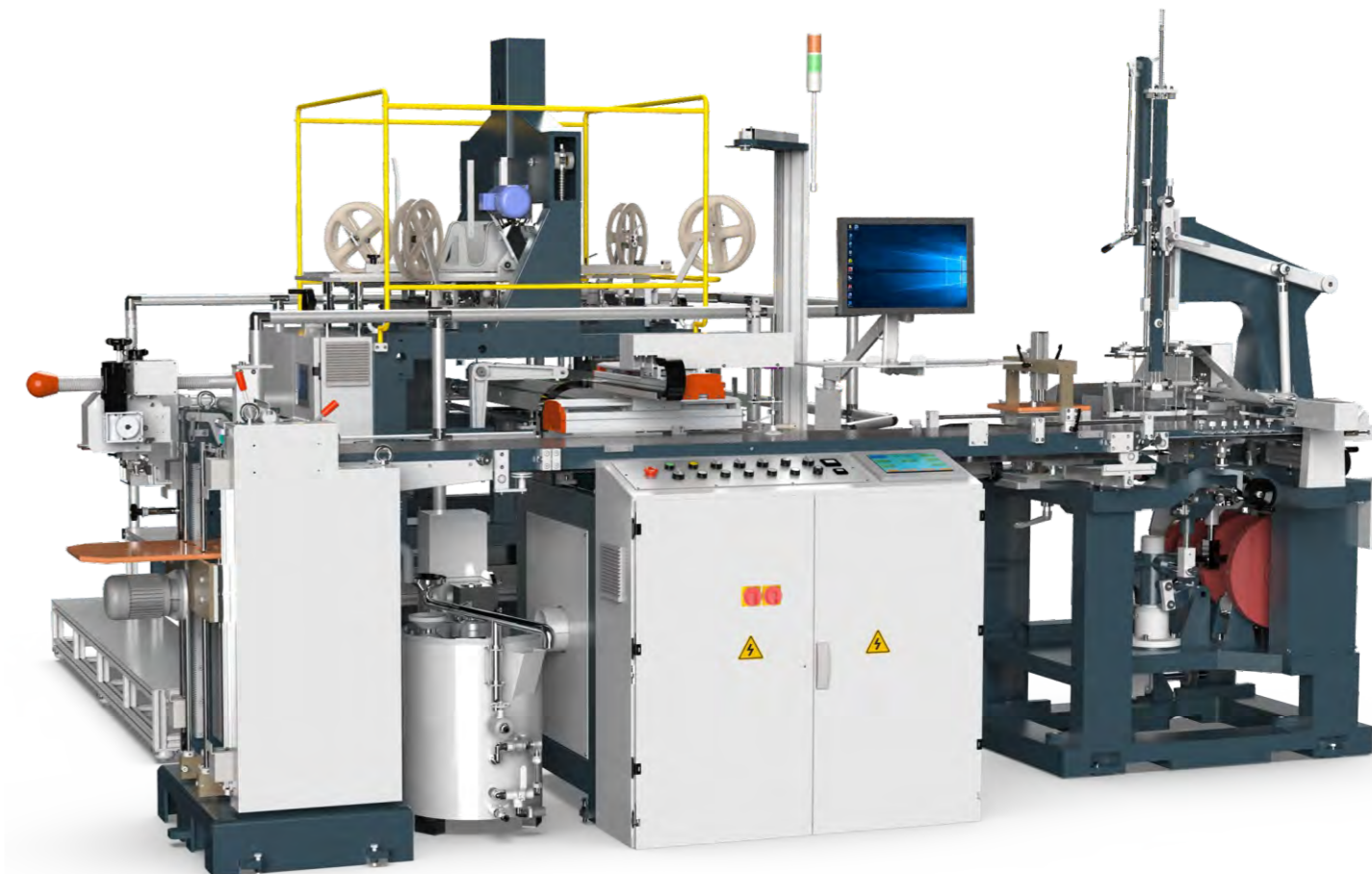
定位部分  
spotter part



贴角部分  
corner pasting part



成型部分  
wrapper part



## 全自动制盒机 >>> Automatic Rigid Box Machine

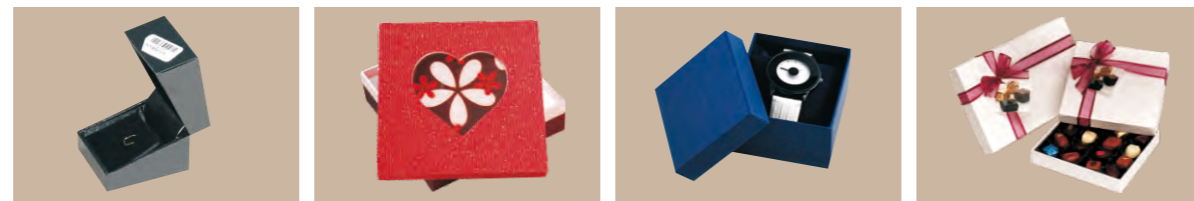
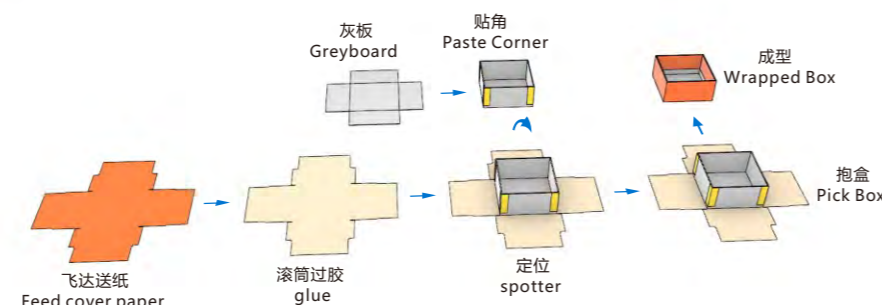
### > 机组特点和标准配置

- 1、适合各种天地盖硬盒的自动生产;
- 2、全电脑功能参数的设置和故障显示停机功能;
- 3、自动吸送面纸和推灰板功能;
- 4、24小时控制胶水预热功能;
- 5、四角贴角加热单独人机界面控制;
- 6、整机采用日本松下PLC和人机控制系统;
- 7、图像定位系统(定位误差±0.05mm);
- 8、成型部位自动引取装置;
- 9、改装自动生产多种异形天地盒和塑胶盒(选配);
- 10、胶水粘度自动控制系统(选配);

### > Features and function:

1. Suit to all kinds of rigid boxes in mass production;
2. Computer control with error auto stop and display;
3. Automatically feed paper and greyboard;
4. 24-hours control for glue pre-heating;
5. Corner pasting part with independent man-machine control and heating system
6. Adopts Japanese Panasonic PLC and man-machine control system.
7. Spotter by camera and robot arm (spotting accuracy ±0.05mm);
8. Wrapper can automatically and continually deliver box, wrap paper, fold corner edge, fold in and form box;
9. Remodel for irregular boxes and plastic boxes (optional);
10. Automatic control system for glue viscosity (optional).

### > 生产流程/Production process



### > 主要技术参数/Technical parameters

型号 Model	HM-ZD240	
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	400mm
	最短尺寸D(Min.)	65mm
	最宽尺寸C(Max.)	320mm
	最窄尺寸C(Min.)	55mm
	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.)	450mm
	最短尺寸B(Min.)	110mm
	最宽尺寸A(Max.)	305mm
	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.)	240mm
	最短尺寸L(Min.)	35mm
	最宽尺寸W(Max.)	160mm
	最窄尺寸W(Min.)	45mm
	最高尺寸H(Max.)	80mm
最低尺寸H(Min.)	10mm	
折耳尺寸 Paper Corner Edge(E)	E	10-16mm
面纸折入深度 Folding in Depth(R)	R	8-20mm
面纸堆台最高Paper Pile Height Max.	600mm	
灰板堆台最高Greyboard Pile Height Max.	400mm	
胶桶容量Glue Tank Volume	20L	
气源压力Air Supply	120L/min, 0.6MPa	
生产速度Speed	≤32pcs/min	
总功率Machine Power/电压Voltage	18kW/AC380V	
耗电量 Power Consumption	5kW/h	
机器净重Net Weight	3300kg	
机器尺寸Machine Dimension	4500x4500x2600mm	

### 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6atm=0.606MPa,空压机功率:5.5kW。  
Seller doesn't provide air compressor.  
(6atm=0.606MPa, 5.5kW compressor is needed)

## 自动上糊定位机(多功能) >>> Automatic Gluing and Spotter Machine

### 功能说明 >>> Description

HM-600E 是一款针对皮壳, 兼顾大尺寸精品盒高精度定位的多功能自动化设备, 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、部份异形盒等等。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、定位自动完成。

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。

HM-600E is an automatic multifunctional equipment for high precision positioning of hard cover and large-size premium box. It is suitable for mass production of a variety of rigid boxes, such as jewelry boxes, mobile phone boxes, gift boxes, cosmetic boxes, watch boxes, and some special rigid boxes, etc.

These models are with a brand new exterior which can both impress your eyes and keep you safe.

This machine adopts PLC, servo, touch screen, and CCD positioning system, which all enable the machine to feed paper, glue paper and spotter the box automatically and fluently.

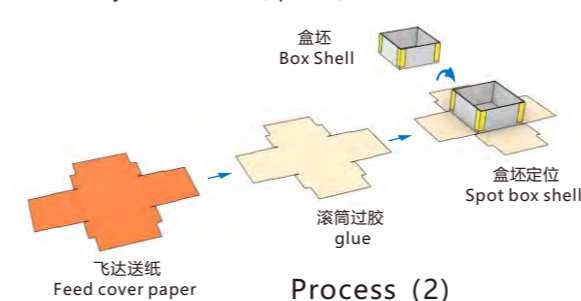
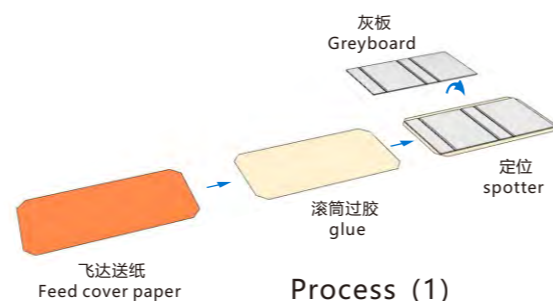
The feeder, the gluer and the conveyor are driven by servo system which has continuously variable transmission and enjoys high accuracy, easy adjusting, and efficiency. The spotting unit adopts camera tracing system and robot arm to pick and spot the greyboard, enhancing the spotting accuracy to  $\pm 0.05\text{mm}$ .



过胶部分  
glue part



定位部分  
spotter part



### > 机组特点和标准配置

- 1、适合各种面纸与盒坯的定位工序的自动生产;
- 2、适合各种面纸与灰板的定位工序的自动生产;
- 3、全电脑功能参数的设置;
- 4、故障诊断功能;
- 5、自动吸送面纸功能;
- 6、24小时控制胶水预热功能;
- 7、整机采用伺服控制系统;
- 8、图像定位控制及机器人抓取;
- 9、胶水粘度自动控制系统 (选配);
- 10、圆弧进料输送带 (选配)。

### > Features and function:

1. Suit to all kinds of rigid box for positioning;
2. Suit to all kinds of hard cover for positioning;
3. Computer control for all parameter setting;
4. Auto error stop and display.
5. Automatic feed paper;
6. 24-hours control for glue pre-heating;
7. Adopts servo motor system;
8. CCD positioning system and robot arm for positioning the box shell;
9. Automatic control system of glue viscosity (optional);
10. Arc conveyor for box shell (optional).

### > 主要技术参数/Technical parameters

型号 Model	HM-600E	
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
盒坯尺寸 Box Shell 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.)	190mm
灰板尺寸 Greyboard Size (L=Length, W=Width)	最低尺寸H(Min.)	12mm
	最长尺寸L(Max.)	800mm
	最短尺寸L(Min.)	120mm
面纸堆台最高Paper Pile Height Max.	最宽尺寸W(Max.)	500mm
	最窄尺寸W(Min.)	80mm
胶桶容量Glue Tank Volume		30L
气源压力Air Supply		100L/min, 0.8MPa
生产速度Speed		$\leq 25\text{pcs/min}$
总功率电压Total Power/Voltage		15kW /AC380V
耗电量Power Consumption		4kW/h
机器净重Net Weight		2000kg
机器尺寸Machine Dimension		5600x2600x1900mm

### 备注/Note:

- 1、卡纸厚度根据卡纸的实际尺寸和实际材质决定的。  
The card paper size is determined by its size and quality.
- 2、生产速度由面纸材质、盒坯尺寸材质、卡纸尺寸材质决定的。  
The production speed is determined by the paper quality, the box shell size/quality and cardboard size/quality.

## 自动上糊定位机(天地盒) >>> Automatic Gluing and Spotter Machine

### 功能说明 >>> Description

HM-600G 是一款针对大尺寸精品盒高精度定位的自动化设备, 适用于多种面纸过胶以及与盒坯的精准定位工序生产。

本机采用PLC和触摸屏人机控制系统, 图像定位系统, 实现进纸, 过胶, 定位自动完成。在飞达, 过胶和输送带使用伺服驱动, 可无级变速, 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。

HM-600G Automatic Gluing and Spotter Machine is an automatic equipment for high-precision positioning of large-size premium boxes. It's suitable to all kinds of rigid box positioning process.

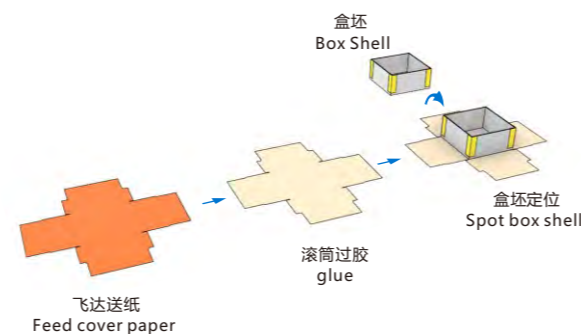
This machine adopts PLC and touch screen man-machine control system and CCD positioning system to realize paper feeding, glue and positioning automatically. In feeder, the conveyor and conveyor belts are driven by servo system. The machine has continuously variable transmission and enjoys high accuracy, easy adjusting, and high efficiency. The spotting unit adopts camera tracing system and robot arm to pick and spot the greyboard, enhancing the spotter accuracy to ±0.05mm, and the speed is faster.



过胶部分  
glue part



定位部分  
spotter part



## 自动上糊定位机(天地盒) >>> Automatic Gluing and Spotter Machine

### > 机组特点和标准配置

1. 适合各种面纸与盒坯的定位工序的自动生产
2. 全电脑功能参数的设置
3. 故障诊断功能
4. 自动吸送面纸和送盒坯功能
5. 24 小时控制胶水预热功能
6. 整机采用伺服控制系统
7. 图像定位系统及机器人抓取(定位精度±0.05mm)
8. 胶水粘度自动控制系统 (选配)

### > Features and function:

1. Automatic production for the positioning process of various paper and box shells.
2. Parameter adopts computer digital setting.
3. Auto error stop and display.
4. Automatically feed paper and box shell.
5. 24-hours control for glue pre-heating.
6. Adopts servo motor control system.
7. CCD positioning system and robot arm for positioning the box shell (positioning accuracy±0.05mm)
8. Automatic control system of glue viscosity (optional)

### > 主要技术参数/Technical parameters

型号 Model	HM-600G	
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
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	面纸厚度Thickness	80-160gsm
	最长尺寸L(Max.)	600mm
	最短尺寸L(Min.)	60mm
	最宽尺寸W(Max.)	400mm
	最窄尺寸W(Min.)	50mm
	最高尺寸H(Max.)	130mm
	最低尺寸H(Min.)	12mm
面纸堆台最高Paper Pile Height Max.	320mm	
胶桶容量Glue Tank Volume	30L	
气源压力Air Supply	100L/min, 0.8MPa	
生产速度Speed	≤30pcs/min	
总功率电压Total Power/Voltage	14kW /AC380V	
耗电量Power Consumption	4kW/h	
机器净重Net Weight	2000kg	
机器尺寸Machine Dimension	5600x3600x1900mm	

### 备注/Note:

1. 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.

## 自动丝印定位机(多功能) >>> Automatic Screen Glue and Spotter Machine

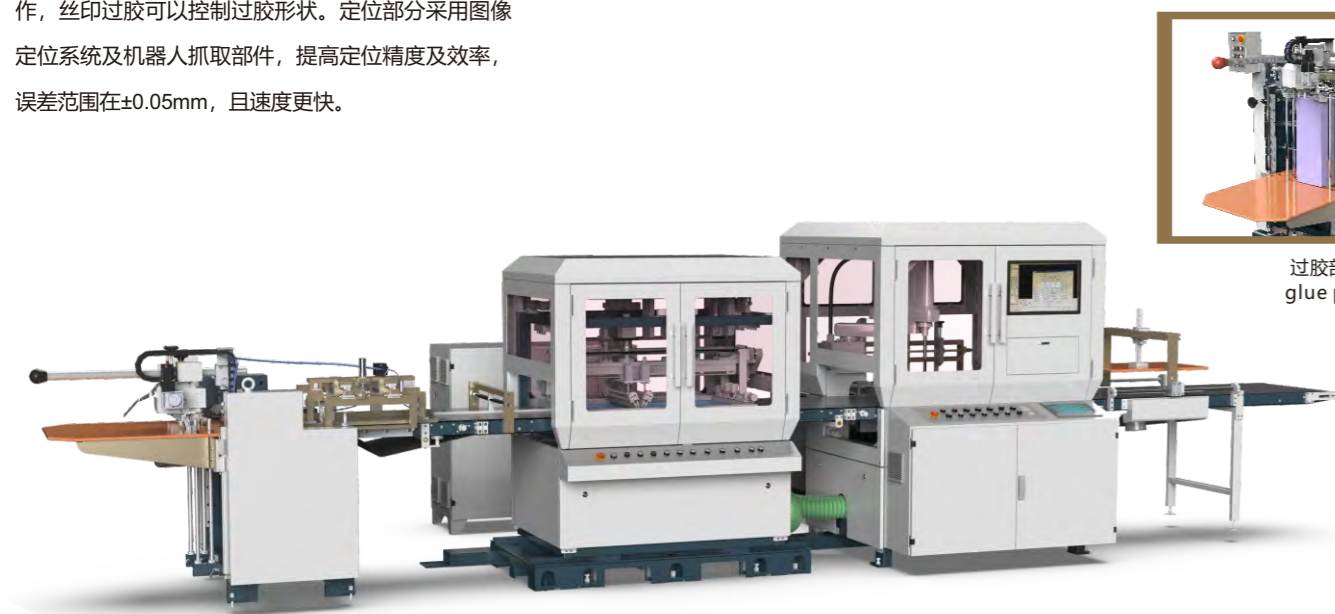
### 功能说明 >>> Description

HM-600ES 是一款针对皮壳及大尺寸精品盒高精度定位, 旨在突出丝印过胶的多功能自动化设备, 适用于多种面纸与盒坯与灰板的定位工序生产。

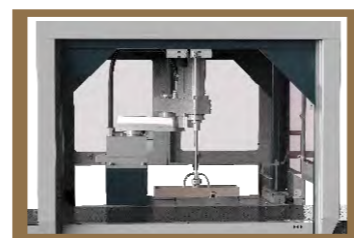
本机采用PLC和触摸屏人机控制系统, 图像定位系统, 实现上纸, 丝印过胶, 定位自动完成。在飞达, 丝印过胶和输送带使用伺服驱动, 可无级变速, 高精度, 易调节, 省时间。同时高度偏低更加便于操作, 丝印过胶可以控制过胶形状。定位部分采用图像定位系统及机器人抓取部件, 提高定位精度及效率, 误差范围在±0.05mm, 且速度更快。

HM-600ES Automatic Screen Glue and Spotter Machine is an automatic equipment with multifunction for high-precision positioning of book cover and premium boxes, it is suitable to all kinds of rigid box positioning process, and all kinds of hard cover positioning process.

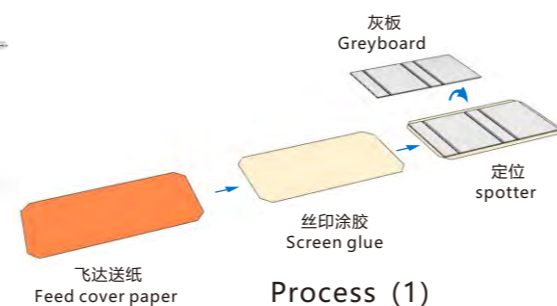
This machine adopts PLC, man-machine control and CCD positioning system, which enable the machine to feed paper, screen glue and spotter the box automatically and fluently. The feeder, screen gluer and the conveyor are driven by servo system which has continuously variable transmission and enjoys high accuracy, easy adjusting, and high efficiency. Reduce height at the same time, easy to operate, screen glue can control the gluing area. The spotting unit adopts camera tracing system and robot arm to pick and spot the greyboard, enhancing the spotting accuracy to ±0.05mm, with even faster speed.



过胶部分  
glue part



定位部分  
spotter part



## 自动丝印定位机(多功能) >>> Automatic Screen Glue and Spotter Machine

### > 机组特点和标准配置

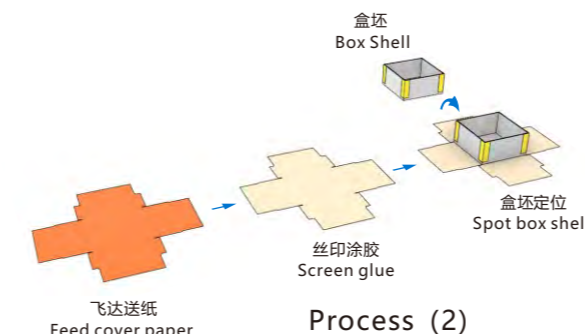
1. 适合各种面纸与盒坯的定位工序的自动生产。
2. 适合各种面纸与灰板的定位工序的自动生产。
3. 全电脑功能参数的设置。
4. 自动吸送面纸功能。
5. 整机采用伺服控制系统。
6. 图像定位系统及机器人抓取。
7. 多张卡纸定位功能(选配)。

### > Features and function:

1. Suit to all kinds of rigid boxes positioning process
2. Suit to all kinds of hard cover positioning process
3. Parameter adopts computer digital setting.
4. Automatic feed paper.
5. Adopts servo motor control system.
6. CCD positioning system and robot arm for positioning.
7. Multiple cardboard positioning function (optional)

### > 主要技术参数/Technical parameters

型号 Model	HM-600ES	
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.)	550mm
	最窄尺寸A(Min.)	95mm
	最高尺寸H(Max.)	190mm
盒坯尺寸 Box Shell Size (L=Length, W=Width, H=Height)	最长尺寸L(Max.)	500mm
	最短尺寸L(Min.)	120mm
	最宽尺寸W(Max.)	400mm
	最窄尺寸W(Min.)	50mm
	最低尺寸H(Min.)	12mm
灰板尺寸 Greyboard Size (L=Length, W=Width)	最长尺寸L(Max.)	800mm
	最短尺寸L(Min.)	120mm
	最宽尺寸W(Max.)	500mm
	最窄尺寸W(Min.)	80mm
气源压力Air Supply	100L/min, 0.8MPa	
生产速度Speed	≤30pcs/min	
总功率Total Power/电压Voltage	11kW /AC380V	
耗电量Power Consumption	3kW/h	
机器净重Net Weight	1900kg	
机器尺寸Machine Dimension	7400x2560x1835mm	



# HM-ZD350FX/HM-ZD350E

## 自动上糊定位机(多功能) >>> Automatic Gluing and Spotter Machine

### 功能说明 >>> Description

HM-ZD350FX 是一款针对小尺寸精品盒及皮壳高精度定位的多功能自动化设备

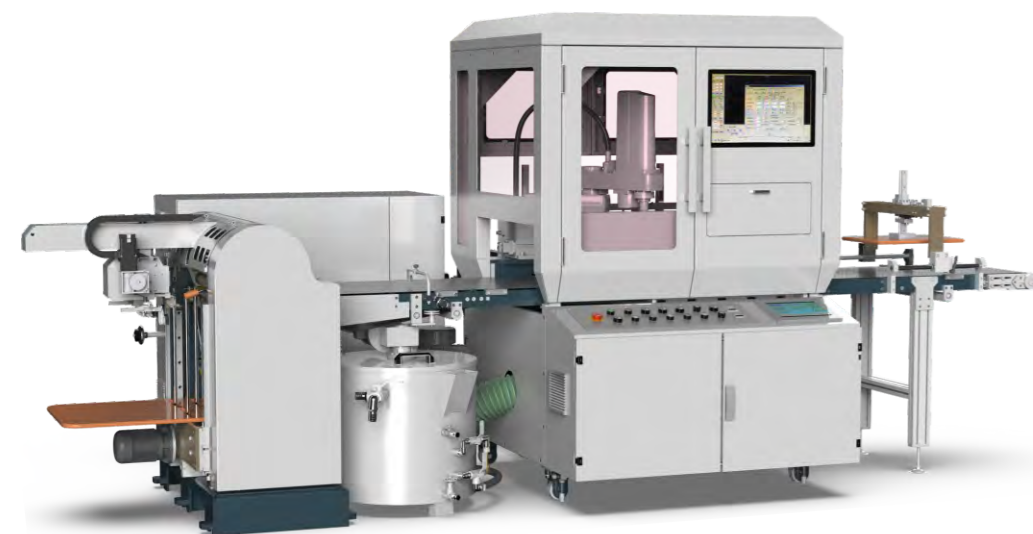
HM-ZD350E 是一款针对小尺寸精品盒高精度定位的自动化设备, 适用于多种面纸与盒坯的定位工序生产。

本机采用PLC和触摸屏人机控制系统, 图像定位系统, 实现进纸, 过胶, 定位自动完成。在飞达, 过胶和输送带使用伺服驱动, 可无级变速, 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。

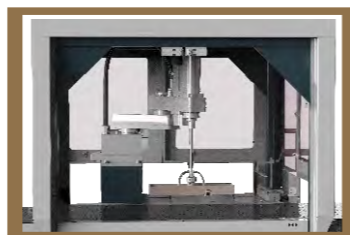
HM-ZD350FX Automatic Gluing and Spotter Machine is an automatic equipment with multifunction for high-precision positioning of small-sized premium boxes and hard cover.

HM-ZD350E is a high-precision positioning for small-sized premium box, It's suitable to all kinds of paper and box shells positioning processes.

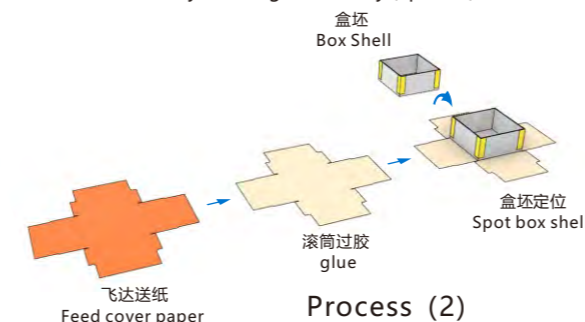
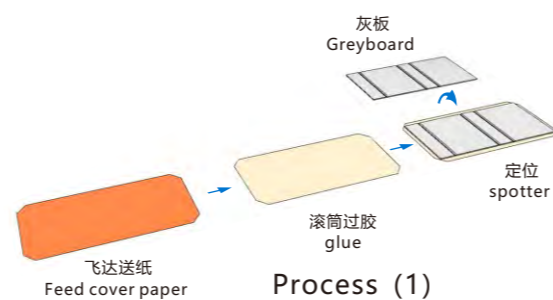
This machine adopts PLC, man-machine control and CCD positioning system, which enable the machine to feed paper, gluing and spotter the box automatically and fluently. The feeder, the gluer and the conveyor are driven by servo system which has continuously variable transmission and enjoys high accuracy, easy adjusting and high efficiency. The spotting unit adopts camera tracing system and robot arm to pick and spot the greyboard, enhancing the spotting accuracy to ±0.05mm, with even faster speed.



过胶部分  
glue part



定位部分  
spotter part



## 自动上糊定位机(多功能) >>> Automatic Gluing and Spotter Machine

### > 机组特点和标准配置

1. 适合各种面纸与盒坯的定位工序的自动生产。
2. 适合各种面纸与灰板的定位工序的自动生产。(仅限HM-ZD350FX)
3. 全电脑功能参数的设置。
4. 故障诊断功能。
5. 自动吸送面纸功能。
6. 24小时控制胶水预热功能。
7. 整机采用伺服控制系统。
8. 图像定位系统及机器人抓取。
9. 胶水粘度自动控制系统(选配)。

### > Features and function:

1. Suit to all kinds of paper and box shells positioning process
2. Suit to all kinds of paper and cardboard positioning process (For HM-ZD350FX only)
3. Parameter adopts computer digital setting.
4. Auto error stop and display..
5. Automatic feed paper.
6. 24-hours control for glue pre-heating
7. Servo system for controlling the whole machine.
8. CCD positioning system and robot arm for positioning the box shells.
9. Automatic control system of glue viscosity (optional)

### > 主要技术参数/Technical parameters

型号 Model		HM-ZD350FX	HM-ZD350E
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	600mm	600mm
	最短尺寸B(Min.)	110mm	110mm
	最宽尺寸A(Max.)	450mm	455mm
	最窄尺寸A(Min.)	50mm	45mm
	面纸厚度Thickness	80-160gsm	80-160gsm
	盒坯尺寸 Box Shell Size (L=Length, W=Width, H=Height)	最长尺寸L(Max.)	350mm
最短尺寸L(Min.)		45mm	45mm
最宽尺寸W(Max.)		250mm	250mm
最窄尺寸W(Min.)		45mm	35mm
最高尺寸H(Max.)		120mm	120mm
最低尺寸H(Min.)		12mm	10mm
灰板尺寸 Greyboard Size (L=Length, W=Width)	最长尺寸L(Max.)	600mm	
	最短尺寸L(Min.)	50mm	
	最宽尺寸W(Max.)	300mm	
	最窄尺寸W(Min.)	50mm	
面纸堆台最高 Paper Pile Height Max.		300mm	300mm
胶桶容量 Glue Tank Volume		14L	20L
气源压力 Air Supply		100L/min, 0.8MPa	100L/min, 0.8MPa
生产速度 Speed		≤25pcs/min	≤30pcs/min
总功率 Total Power/电压 Voltage		15kW /AC380V	14kW /AC380V
耗电量 Power Consumption		4kW/h	4kW/h
机器净重 Net Weight		1900kg	1800kg
机器尺寸 Machine Dimension		4100x2200x1900mm	5500x3000x2200mm

### 备注/Note:

有白胶部件可选, 需下单时说明。  
White glue tank is optional, Please specify when placing order.



## 自动丝印定位机(多功能) >>> Automatic Screen Glue and Spotter Machine

### 功能说明 >>> Description

HM-ZD350FS 是一款针对小尺寸皮壳及精品盒高精度定位, 旨在突出丝印过胶的多功能自动化设备, 适用于多种面纸与盒坯与灰板的定位工序生产。

本机采用PLC和触摸屏人机控制系统, 图像定位系统, 实现上纸, 丝印过胶, 定位自动完成。

在飞达, 丝印过胶和输送带使用伺服驱动, 可无级变速, 高精度, 易调节, 省时间。同时高度偏低更加便于操作, 丝印过胶可以控制过胶形状, 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。

HM-ZD350FS Screen glue and spotter Machine is an automatic equipment for high-precision positioning of small-size book cover and small-size premium boxes. It's not only suit for a variety of boxes but also hard cover positioning.

The machine adopts PLC and touch screen man-machine control, camera tracing system, and can automatically feed paper, screen glue and spotter.

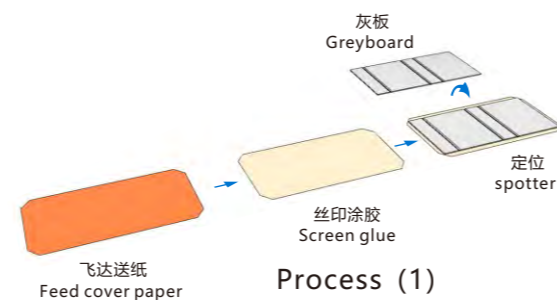
The feeder, the screen glue, and the conveyor are driven by servo system which has continuously variable transmission and enjoys high accuracy, easy adjusting, and less time consumption. At the same time, the lower height is more convenient for operation. The glue area can be controlled by screen glue. The spotting unit adopts camera tracing system and robot arm to pick and spot the greyboard, enhancing the spotting accuracy to±0.05mm, with even faster speed.



过胶部分  
glue part



定位部分  
spotter part



## 自动丝印定位机(多功能) >>> Automatic Screen Glue and Spotter Machine

### > 机组特点和标准配置

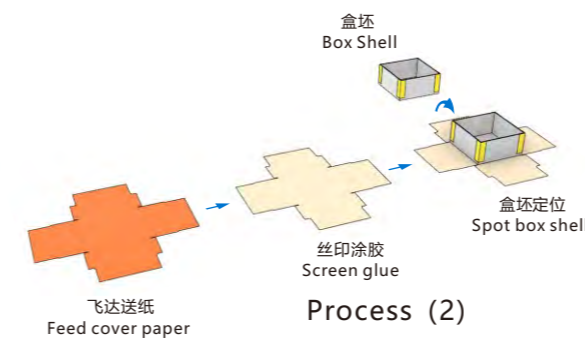
1. 适合各种面纸与盒坯的定位工序的自动生产。
2. 适合各种面纸与灰板的定位工序的自动生产。
3. 全电脑功能参数的设置。
4. 自动吸送面纸功能。
5. 整机采用伺服控制系统。
6. 图像定位系统及机器人抓取。
7. 多张卡纸定位功能(选配)。

### > Features and function:

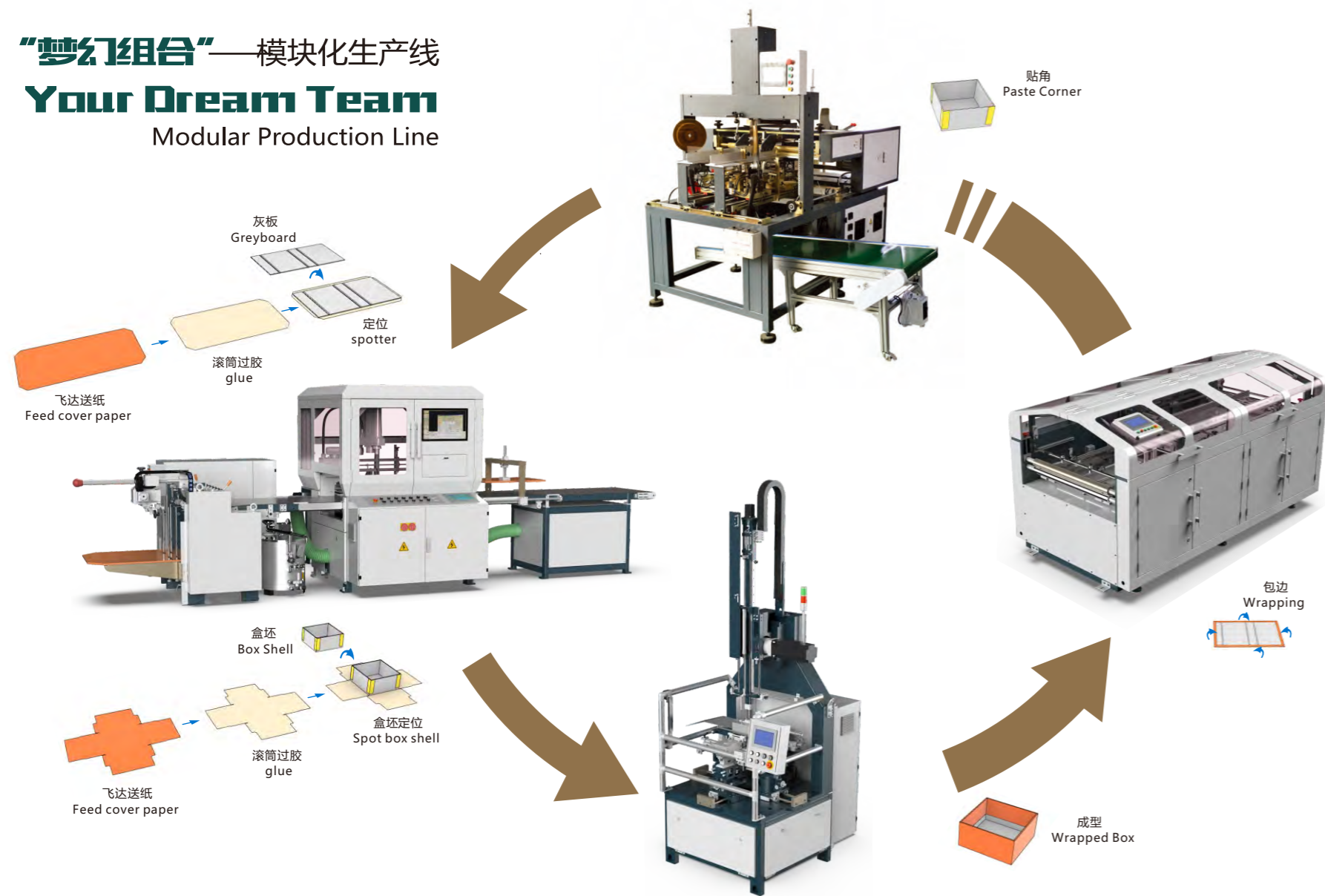
1. Suit to all kinds of rigid boxes positioning process;
2. Suit to various hard cover positioning process.;
3. Parameter adopts computer digital setting;
4. Automatic feed paper;
5. Adopts servo motor control system.
6. CCD positioning system and robot arm for positioning the rigid box;
7. Multiple cardboard positioning(optional);

### > 主要技术参数/Technical parameters

型号 Model	HM-ZD350FS	
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	580mm
	最短尺寸B(Min.)	110mm
	最宽尺寸A(Max.)	400mm
	最窄尺寸A(Min.)	100mm
盒坯尺寸 Box Shell Size (L=Length, W=Width, H=Height)	最长尺寸L(Max.)	350mm
	最短尺寸L(Min.)	45mm
	最宽尺寸W(Max.)	250mm
	最窄尺寸W(Min.)	45mm
	最高尺寸H(Max.)	120mm
灰板尺寸 Greyboard Size (L=Length, W=Width)	最低尺寸H(Min.)	12mm
	最长尺寸L(Max.)	600mm
	最短尺寸L(Min.)	50mm
气源压力Air Supply	最宽尺寸W(Max.)	300mm
	最窄尺寸W(Min.)	50mm
生产速度Speed	100L/min, 0.8MPa	
总功率Total Power/电压Voltage	≤30pcs/min	
耗电量Power Consumption	11kW /AC380V	
机器净重Net Weight	3kW/h	
机器尺寸Machine Dimension	1900kg	
	5805x2257x1837mm	



## “梦幻组合”——模块化生产线 Your Dream Team Modular Production Line



## 成型机 >>> Automatic Box Forming Machine

### > 机组特点和标准配置

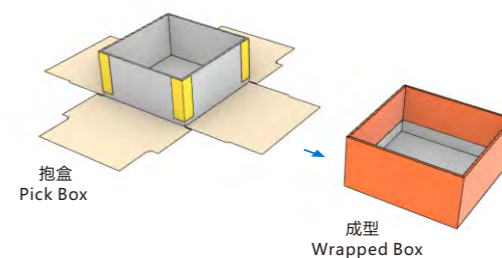
- 1、适合各种硬纸盒天地盖生产;
- 2、全电脑功能参数的设置;
- 3、故障诊断功能;
- 4、适用于各种异形盒的生产 (选配);
- 5、采用松下光幕对操作员进行保护;
- 6、内置多种生产模式;
- 7、整机采用伺服控制系统。

### > Features and function:

1. Suit to all kinds of rigid boxes production,
2. Computer control parameter settings ,
3. Auto error stop and display.
4. Suit to irregular box production(optional),
5. Protect system adopts Panasonic sensor,
6. Various modes of production,
7. Adopts servo motor control system.

### > 主要技术参数/Technical parameters

型号 Model	HM-ZD430	HM-ZD430B	HM-ZD6040
成型最大尺寸 Box Size (Max)	400x300x80mm	400x300x80mm	600x400x130mm
成型最小尺寸 Box Size (Min)	55x45x10mm	55x45x10mm	100x50x12mm
面纸折入尺寸 Paper Folding in Size(R)	8-80mm	8-80mm	8-100mm
对搭面纸折耳尺寸 Paper Corner Edge Size	10-90mm	10-90mm	10-80mm
生产速度 Speed	≤25pcs/min	≤25pcs/min	≤25pcs/min
总功率 Power /电压 Voltage	3kW/AC220V	3.7kW/AC220V	5.2kW/AC220V
耗电量 Power Consumption	1kW/h	1kW/h	1.5kW/h
机器净重 Net Weight	1000kg	1000kg	1000kg
机器尺寸 Machine Dimension	1500x1200x3000mm	1500x1200x3000mm	1500x1200x3100mm



# HM-PK850

## 自动四边封面机 >>> Automatic Four-side Folding-in Machine

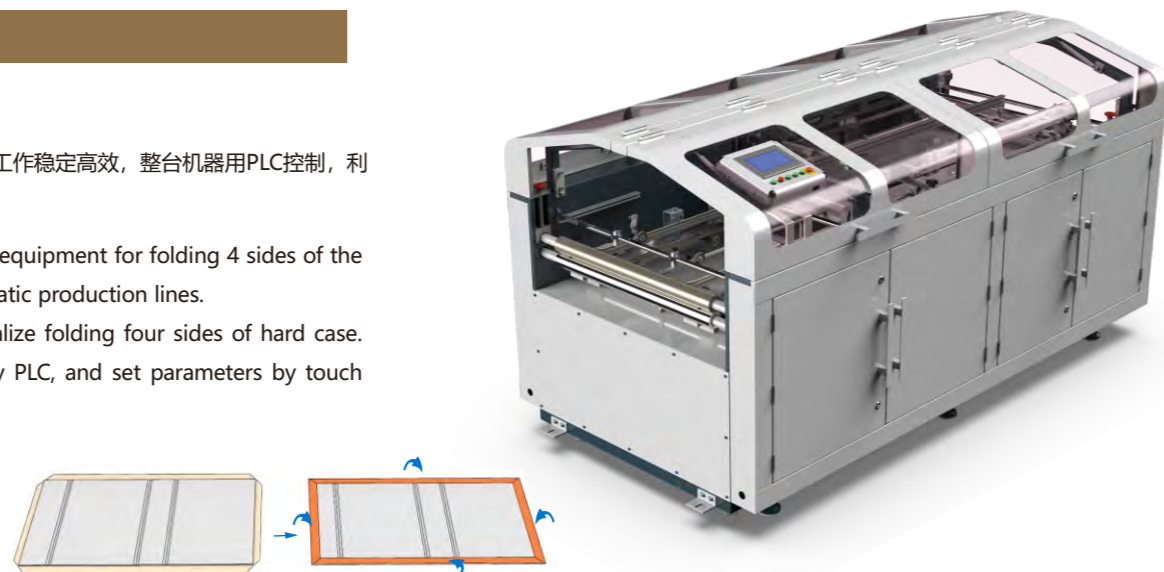
### 功能说明 >>> Description

HM-PK850 适用于皮壳的自动化包边生产。

本机采用伺服马达和凸轮共同协作实现四面包边的工作方式。操作简单，工作稳定高效，整套机器用PLC控制，利用触摸屏设置工作参数。

HM-PK850 Automatic Four-side Folding-in Machine is an automatic equipment for folding 4 sides of the hard case. It is suitable for the production of various hard cases in automatic production lines.

This machine adopts servo motor and cam to work together to realize folding four sides of hard case. Easy adjusting, stable and efficient. The whole machine is controlled by PLC, and set parameters by touch screen.



皮带送料 Feeding  
包边 Wrapping

### >主要技术参数/Technical parameters

型号 Model	HM-PK850
皮壳最大尺寸 Cover Size (Max)	900x500mm
皮壳最小尺寸 Cover Size (Min)	180x80mm
面纸厚度 Paper Thickness	120-250gsm
纸板厚度 Grey board Thickness	1.2-4mm
气源压力 Air Supply	0.5MPa
生产速度 Speed	≤30pcs/min
总功率 Power /电压 Voltage	2.9kW/AC220V
耗电量 Power Consumption	3kW/h
机器净重 Net Weight	900kg
机器尺寸 Machine Dimension	2500x1350x1350mm

### >机组特点和标准配置

1. 专业对酒盒，书壳，礼盒，茶叶盒等一系列灰板纸包装应用。
2. 使用机械凸轮传动，运行稳定，故障率低，效率高。
3. 本机一次可以包四边，既可以单独使用，也可以联机组成生产线使用。
4. 采用PLC自动控制，触摸屏人机界面设置工作参数，方便简单。
5. 故障诊断功能。

### >Features and function:

1. Special for a series of grey board packaging applications, such as wine boxes, book covers, gift boxes, tea boxes, etc.
2. Using mechanical cam transmission, stable operation, low failure rate and high efficiency
3. The machine can fold four sides of hard case at a time, either alone or in line to form a production line.
4. Adopt PLC automatic control, touch screen man-machine interface to set parameters, convenient and easy to operate.
5. Auto error stop and display.

# HM-S400

## 自动贴角机 >>> Automatic Corner Pasting Machine

### 功能说明 >>> Description

HM-S400采用PLC可编程控制，伺服马达驱动，触摸屏人性化操作界面，皮带进料，步进马达送胶带，性能稳定、精密耐用、效率高，是礼品盒厂家理性首选设备。

HM-S400 adopts PLC for controlling, servo for driving, touch screen for operation, step motor to feed tape. Thus, it is very stable, accurate and durable, which makes it a very reasonable choice for rigid box manufacturers.

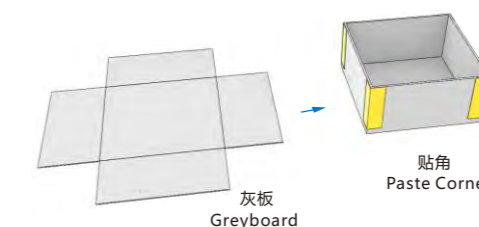
### >机组特点和标准配置

1. 由伺服马达驱动工作，PLC可编程控制；
2. 调试由人机界面触摸屏选择操作，中英文双界面，一点一键切换，简单方便；
3. 所有控制配件采用国家高端品牌，故障低，精度高；
4. 带有故障显示报警功能，如任何部位故障，报警器会鸣笛；
5. 防滑皮带进灰板，速度快，且加料无需停机；
6. 主轴采用伺服马达驱动齿轨作上下平滑运动，精度高；
7. 热熔胶带自动步进马达机械式输送，一次性完成纸盒四角粘合。

### >Features and function:

1. Driven by servo motor, and controlled by PLC,
2. Operated by touch screen, with both Chinese and English version,
3. All electric parts are from famous brand, low error and high precision,
4. With malfunction alarm and fault display,
5. Boards are fed from bottom, thus no need to stop the machine for adding boards,
6. The mainshaft adopts servo motor to drive the gear rail, making sure every accurate movement,
7. Step motors feed hot melt tapes which can paste 4 corners at one time.

备注：皮壳的长宽高最大尺寸不能同时满足。Note: The Max. (L\*W\*H) can not be fulfilled at the same box.



### >主要技术参数/Technical parameters

型号 Model	HM-S400	
盒子尺寸 Finished Box Size	最大尺寸B(Max.)	450x400x130mm
	最小尺寸B(Mix.)	60x60x15mm
纸板厚度 Grey board Thickness	1-3mm	
胶带宽度 Tape Width	19mm	
气源压力 Air Supply	0.6-0.8MPa	
生产速度 Speed	≤60pcs/min	
总功率 Power /电压 Voltage	2.2kW/AC220V	
耗电量 Power Consumption	1kW/h	
机器净重 Net Weight	800kg	
机器尺寸 Machine Dimension	1850x1600x2000mm	

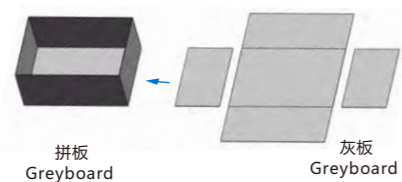


# HM-3525

## 全自动拼灰板机 >>> Greyboard Assembling Machine

### > 机组特点和标准配置

- 1、侧灰板从纸堆分离后，经此机与三联片结合，极大降低了灰板浪费率；
- 2、机器采用喷胶系统，胶水均匀，目测无溢胶无缺胶，胶水厚度可调；
- 3、机器运动灵活，定位精准，拼板误差±0.2mm；
- 4、机器采用PLC自动控制，界面简洁，操作简单方便，控制面板能对各种部件进行独立调试。



### > Features and function:

1. Two side boards attaching to the triple board, greatly decreases the greyboard material loss,
2. The glue spray can output even glue between the attaches, without lacking glue or leaking glue,
3. Spot is highly accurate  $\pm 0.2\text{mm}$ ,
4. Adopt PLC to control the machine, simple interface, easy operation, and each unit can be adjusted independently.

### > 主要技术参数/Technical parameters

型号 Model	HM-3525	
盒子尺寸 Finished Box Size (L=Length W=Width H=Height T=Thickness)	最长尺寸B(Max.)	350mm
	最短尺寸B(Min.)	100mm
	最宽尺寸A(Max.)	250mm
	最窄尺寸A(Min.)	60mm
	最高尺寸H(Max.)	180mm
灰板厚度 Greyboard Thickness(T)	灰板最厚T(Max.)	5mm
	灰板最薄T(Min.)	1.5mm
胶水类型 Glue Type	热熔胶 Hot-melt Glue	
胶桶容量 Glue Tank Volume	6L	
气源压力 Air Supply	300L/min, 0.8MPa	
生产速度 Speed	$\leq 25\text{pcs/min}$	
总功率 Power /电压 Voltage	7kW/AC380V	
耗电量 Power Consumption	2kW/h	
机器净重 Net Weight	1200kg	
机器尺寸 Machine Dimension	2100x2300x2100mm	

# HM-ZXTK2015B

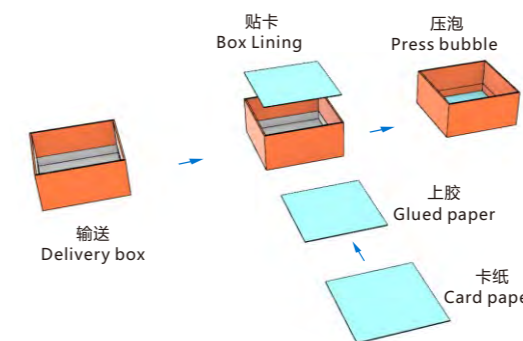


## 全自动整形贴卡机 >>> Automatic Lining Machine

### 功能说明 >>> Description

### > 机组特点和标准配置

- 1、机器成流水线模式，直线六工位；
- 2、工位一进盒（配有自动送盒输送带一条，可自动翻起）；
- 3、工位二压泡；
- 4、工位三竖向刮边；
- 5、工位四横向刮边；
- 6、工位五贴卡（配有纸台，可自动升降。配有小型过胶机一台加装有伺服马达控制，两轴机械手一套伺服马达控制，真空泵一台）；
- 7、工位六压底泡。



### > 主要技术参数/Technical parameters

型号 Model	HM-ZXTK2015B	
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.)	280mm
	最宽尺寸W(Max.)	520mm
	最窄尺寸W(Min.)	150mm
	最高尺寸H(Max.)	350mm
	最低尺寸H(Min.)	60mm
内卡厚度 Lining Thickness	175~350gsm	
胶水类型 Glue Type	冷胶 Cold Glue	
气源压力 Air Supply	300L/min, 0.8MPa	
生产速度 Speed	$\leq 20\text{pcs/min}$	
总功率 Power /电压 Voltage	3.6kW/AC380V	
耗电量 Power Consumption	1kW/h	
机器净重 Net Weight	1200kg	
机器尺寸 Machine Dimension	2200x1080x1750mm	

### > Features and function:

1. This is a line with 6 working positions;
2. Position 1 to feed the box. It has a conveyor;
3. Position 2 to press the box;
4. Position 3 to scrape on the long sides;
5. Position 4 to scrape on the wide sides;
6. Position 5 to paste the lining. It has the lift for stack, one vacuum pump to suck the lining, two-axis to move the lining and the servo motor for glue roller;
7. Position 6 to press the lining.

## 全自动网印贴卡机 >>> Automatic Screen Lining Machine

### 功能说明 >>> Description

HM-ZD3510CT 全自动整形贴卡机是一款针对面纸上贴卡工艺的自动化设备，机器适用范围：高档手机盒，手表盒等面纸裱卡，适用于包装印刷行业类纸张局部过胶。

本机采用伺服控制系统，图像定位纠偏系统，通过视觉系统及多关节机械手臂快速吸取卡纸同面纸精准对位。

本机包括飞达部，面纸上纸部，纸张纠偏部，网印部（机架可以左右移动），卡纸纸台（可换板不停机加纸），卡纸单轴机械手传送，卡纸校位部，贴卡定位部（机架可以左右移动），多关节机器人 抓取对位部，光源采用红白双色光源，多摄像头检测部及中控电器部等配置。

HM-TK3510CT Automatic Screen Lining Machine is an automatic equipment for card lining process in the paper, the scope of application of the machine is: mobile phone box, watch box and other papers with pasted cards, suitable for partial gluing in the packaging printing industry.

This machine not only adopts the servo control system, but also the camera positioning correction system to quickly pick up the fine alignment of the card paper by the visual system and the robot.

This machine includes paper feeder, paper correction, screen glue (the rack can move left and right), cardboard paper table (nonstop feeder design), cardboard single-axis robot transfer, card paper correction part. The card positioning part (the frame can be moved left and right), the robot grabs the alignment part, and the light source adopts a red and white two-color light source, a multiple camera detection part and a central control electric part.



过胶部分  
glue part



定位部分  
spotter part

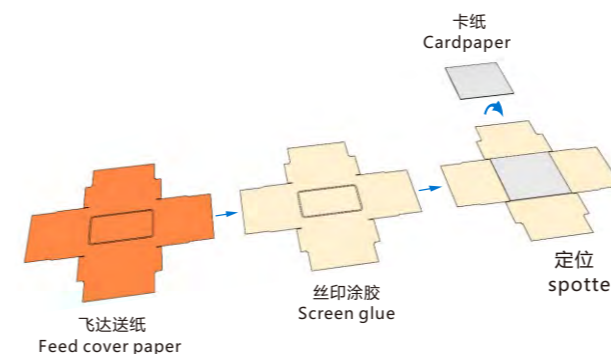
## 全自动网印贴卡机 >>> Automatic Screen Lining Machine

### > 机组特点和标准配置

- 1 适合自动化生产线的组线工作。
- 2 适合各种天盒、地盒面纸表卡积凸，局部上胶。
- 3 采用拉规纸张自动校位功能。
- 4 采用丝网印上胶，卡纸可不停机加纸。
- 5 采用PLC自动控制，触摸屏人机界面设置工作参数。
- 6 故障诊断功能。

### > Features and function:

- 1 Suitable for assembly line work of automatic production lines.
- 2 It is suitable for all kinds of rigid boxes; embossing boxes partially glued.
- 3 Adopt the automatic correction function of the pull paper.
- 4 This machine adopts screen glue, and auto feed cardpaper with nonstop system
- 5 Adopt PLC automatic control, touch screen man-machine interface to set working parameters.
- 6 Auto error stop and display.



### > 主要技术参数/Technical parameters

型号 Model	HM-TK3510CT	
卡纸尺寸 Cardpaper Size (L=Length, W=Width)	最长尺寸B(Max.)	580mm
	最短尺寸B(Min.)	40mm
	最宽尺寸A(Max.)	400mm
	最窄尺寸A(Min.)	40mm
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸L(Max.)	600mm
	最短尺寸L(Min.)	110mm
	最宽尺寸W(Max.)	470mm
	最窄尺寸W(Min.)	80mm
面纸厚度Thickness		80-160gsm
丝印范围 Screen Glue Size (E=Length, F=Width)	最长尺寸L(Max.)	600mm
	最宽尺寸A(Max.)	420mm
折入深度 Folding-in Depth(R)	R	15-100mm
面纸堆台最高Paper Pile Height Max.		600mm
卡纸堆台最高Cardpaper Pile Height Max.		600mm
生产速度Speed		≤30pcs/min
总功率电压Total Power/Voltage		11kW /AC380V
耗电量Power Consumption		3kW/h
机器尺寸Machine Dimension		6400x1850x2100mm

### 备注/Note:

(以上参数仅供参考，若客户有特殊要求请联系相关业务员)  
(The above parameters are for reference only. If the customer has special requirements, please contact the relevant salesman)

# HM-ZXTK4030

## 全自动整形贴卡机 >>> Automatic Lining Machine

### 功能说明 >>> Description

HM-ZXTK4030全自动整形贴卡机，是一款针对精品盒贴内卡工艺，旨在突出丝印过胶的自动化设备。适用于自动化生产线中多种天盒与地盒贴卡压泡整形工序生产。

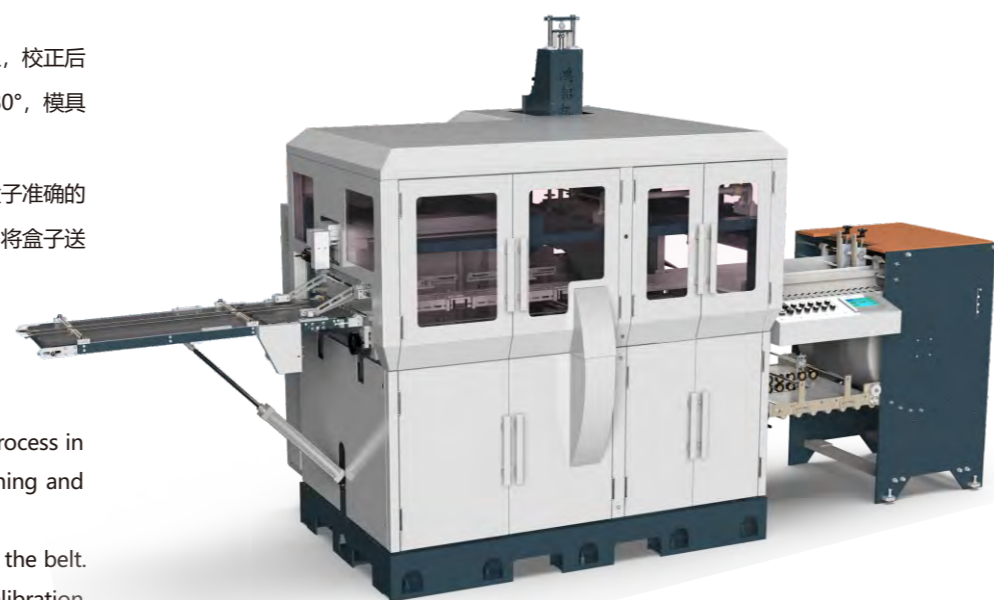
本机采用背包送纸机构将卡纸从皮带下送出，通过吸送纸机构（一）将卡纸吸送到校正平台上，校正后吸送机构（二）将卡纸吸放到丝印模具上进行丝印，丝印工序结束后，丝印模具跟随大齿圈旋转180°，模具头竖直朝下到达贴卡位置；

本机进盒方向同天地盒成型机可以直接对接，机器前端抱盒机构（一）和抱盒机构（二）将盒子准确的放贴卡模具下，待大齿圈旋转180°到达贴卡位置迅速下降贴卡，然后再移盒，最后抱盒机构（三）将盒子送向压泡机进行整形压泡。

HM-ZXTK4030 Automatic Lining Machine is an automatic equipment for card lining process in the premium boxes, which aims to highlight the screen glue. It is suitable to paste the lining and press the box in automatic production lines.

This machine uses a backpack paper feeding mechanism to feed the lining from under the belt. And through the suction paper feeding mechanism (1) to suction the lining onto the calibration table to correct, and suction the mechanism (2). The lining is sucked onto the screen printing mold for screen printing. After the screen glue, the mold rotates 180° with the ring gear, and the mold head is vertically turned down to reach the card position.

This machine can be directly connected to the box forming machine. The mechanism of lifting box (1) and (2) will place the box accurately under the lining mold, and paste the lining when the ring rotates 180° to reach the position, then move the box. Finally mechanism of lifting box (3) send the box to the Pressing machine for pressing



## 全自动整形贴卡机 >>> Automatic Lining Machine

### > 机组特点和标准配置

- 1 适合自动化生产线的组线工作。
- 2 适合各种天盒与地盒的贴卡压泡工序的自动生产。
- 3 采用多轴伺服机械手送料定位。
- 4 采用丝网印上胶。
- 5 采用PLC自动控制，触摸屏人机界面设置工作参数。
- 6 故障诊断功能。

### > Features and function:

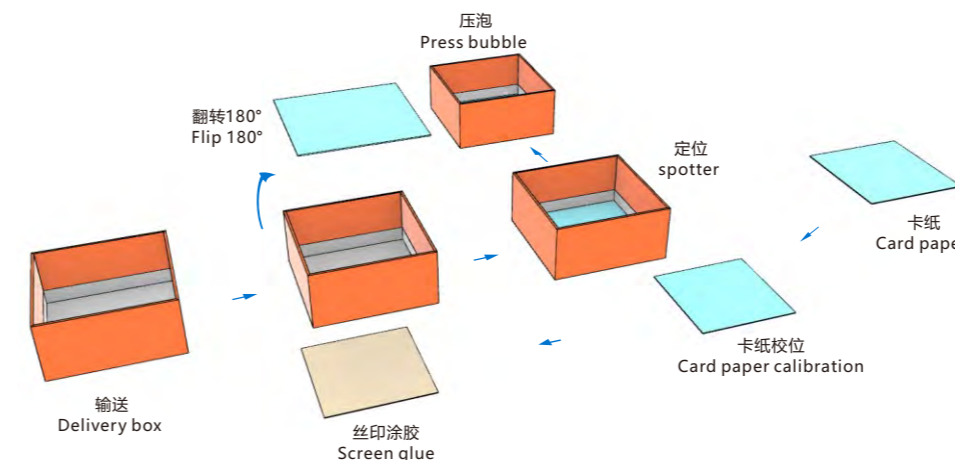
1. Suitable for constituting automatic production lines
2. Suitable for lining and pressing various rigid boxes
3. Multi-axis servo robot feeding and spotting
4. This machine adopts screen glue system
5. Adopts PLC and man-machine control
6. Auto error stop and display

### > 主要技术参数/Technical parameters

型号 Model	HM-ZXTK4030	
卡纸尺寸 Cardpaper Size (L=Length, W=Width)	最长尺寸B(Max.)	400mm
	最短尺寸B(Min.)	70mm
	最宽尺寸A(Max.)	260mm
	最窄尺寸A(Min.)	100mm
	厚度尺寸Thickness	175-350gsm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸L(Max.)	400mm
	最短尺寸L(Min.)	60mm
	最宽尺寸W(Max.)	260mm
	最窄尺寸W(Min.)	100mm
	最高尺寸H(Max.)	90mm
气源压力Air Supply	最低尺寸H(Min.)	15mm
生产速度Speed	0.7MPa	
总功率Total Power/电压Voltage	≤20pcs/min	
耗电量Power Consumption	13kW /AC380V	
机器净重Net Weight	3.5kW/h	
机器尺寸Machine Dimension	4500kg	
	4850x1850x2450mm	

### 备注/Note:

(以上参数仅供参考，若客户有特殊要求请联系相关业务员)  
(The above parameters are for reference only. If the customer has special requirements, please contact the relevant salesman)



# HM-ZD4030WK



## 自动围框机 >>> Automatic Collar Wrapping Machine

### 功能说明 >>> Description

HM-ZD4030WK 自动围框机,是一款针对围框包边成型工艺的自动化设备,适用于多种盒框的大量生产,广泛用于高档珠宝盒、手机盒、首饰盒、礼品盒、化妆品盒、手表盒等领域。最大能做到400mmx300mmx150mm,能满足现代包装市场的需求。

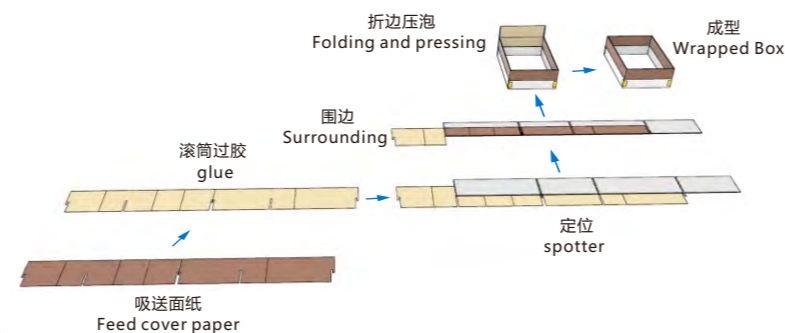
本机采用伺服控制系统,实现进纸、过胶、定位、翻板、围边和折入成型压泡自动完成。

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;双色输送带免去了更换输送带的麻烦,节省时间,属鸿铭发明专利;定位部分采用伺服并配合色标电眼,提高定位精度及效率,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。

HM-ZD4030WK Automatic Collar Wrapping Machine is an automatic equipment for box collar and forming process. It is suitable to make various types of rigid box collars in mass production, such as jewelry boxes, mobile phone boxes, gift boxes, cosmetic boxes, watch boxes, etc. The maximum can be 400mmx300mmx150mm which covers a larger range compared to the previous machines and meets better to the market's requirements.

HM-ZD4030WK adopts PLC and man-machine control, it can automatically feed cover paper, glue paper, spot greyboard, flip greyboard, edge wrapping, fold in corner edges and form collar.

The feeder, the gluer and the conveyor are driven by servo which has continuously variable transmission and enjoy high accuracy, easy adjusting, and high efficiency. Double color conveyor can avoid changing to other color belt, which is Hongming's patent. The spot unit adopts servo and electric eye to improve spotting accuracy and efficiency. The forming unit employs THK Linear slider and virtual cam driving system, guaranteeing the stable quality and fluent movement and enlarge the folding-in depth and corner edges.



## 自动围框机 >>> Automatic Collar wrapping machine

### > 机组特点和标准配置

1. 适合各种天地盖盒框的自动生产
2. 故障诊断功能
3. 自动吸送面纸功能
4. 24小时控制胶水预热功能
5. 整机采用安川伺服控制系统
6. 液压压泡功能

### > Features and function:

1. Suit to all kinds of rigid boxes collar mass production
2. Auto error stop and display
3. Automatic feed paper
4. 24-hour control for glue pre-heating
5. Adopts YASKAWA servo control system
6. Hydraulic pressure function

### 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.
2. 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.
3. 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)

### > 主要技术参数/Technical parameters

型号 Model	HM-ZD4030WK	
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	1420mm
	最短尺寸B(Min.)	220mm
	最宽尺寸A(Max.)	165mm
	最窄尺寸A(Min.)	30mm
盒子尺寸 Finished Collar Size (L=Length W=Width H=Height)	最长尺寸L(Max.)	400mm
	最短尺寸L(Min.)	60mm
	最宽尺寸W(Max.)	300mm
	最窄尺寸W(Min.)	50mm
灰板尺寸 Greyboard Size	最高尺寸H(Max.)	150mm
	最低尺寸H(Min.)	20mm
	最长尺寸B(Max.)	1400mm
	最短尺寸B(Min.)	200mm
灰板厚度 Grey board Thickness(T)	最宽尺寸A(Max.)	150mm
	最窄尺寸A(Min.)	20mm
面纸厚度 Paper Thickness	T	1-3mm
面纸折入深度 Folding in Depth(R)	R	125-180gsm
面纸堆台最高 Paper Pile Height Max.		8-80mm
气源压力 Air Supply		600mm
生产速度 Speed		0.8MPa
总功率 Power /电压 Voltage		≤20pcs/min
耗电量 Power Consumption		29kW /AC380V
机器净重 Net Weight		8kW/h
机器尺寸 Machine Dimension		3300kg
		7000x3700x3000mm

## 全自动喷胶插围条机 >>> Automatic Frame Assembling Machine

### 功能说明 >>> Description

HM-WT4232 是一款针对精品盒贴内围条工艺的自动化设备, 适用于多种围条包装盒的大量生产, 如高档手机盒、首饰盒、礼品盒、化妆品盒、手表盒等等, 做盒范围广泛, 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。

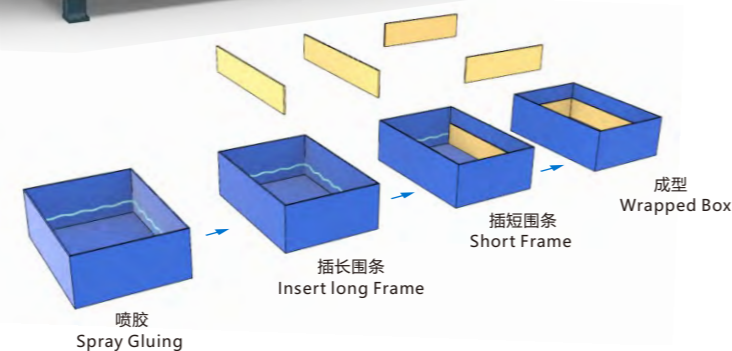
本机采用伺服控制系统、自动定位系统, 实现喷胶、定位、进纸、抱盒、围边、等成型自动完成。

在喷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; 新型的钩盒系统替换了传统输送带模式, 让传输更精准平稳及节省时间, 属鸿铭发明专利; 进纸部分采用新型翻板结构, 精准、平稳、快速送纸, 且速度更快, 围边部分采用自主研发旋转折入二次压紧结构, 实现围边贴合更均匀, 外观更平整。

HM-WT4232 Automatic Frame Assembling Machine is an automatic equipment for assembling the frame process of the premium boxes. It is suit to make various types of frame rigid boxes for mass productions, such as smart mobile phone boxes, ornaments boxes, gift boxes, cosmetic boxes, watch boxes, etc. It applies bigger size range which is more suitable for current packaging market. Machine's appearance is new designed which is safer and more beautiful.

HM-WT4232 adopts servo control system and automatic positioning system. It can automatically spray glue, spot greyboard, feed greyboard, lift boxes, stick side frame and form box.

The glue spray and the conveyor are driven by servos which have continuously variable transmission, with high accuracy, easy adjusting, and less time consumption. The new hook box system replaces the traditional conveyor belt mode, and it can make the transmission more precise and smoothy and saves time, which is Hongming's patent. The feeder unit adopts a new type of flap structure, which is accurate, smoothy and fast. The side frame unit adopts self-developed rotary folding into the secondary pressing structure to achieve a more uniform edge fit and a flatter appearance.



## 全自动喷胶插围条机 >>> Automatic Frame Assembling Machine

### > 机组特点和标准配置

1. 适合各种围边包装盒的自动化生产。
2. 故障自动诊断功能
3. 自动连续送纸功能
4. 24 小时控制胶水预热功能
5. 整机采用松下伺服控制系统
6. 成型部分采用二次压紧机构

### > Features and function:

1. Suit for all kinds of side frame boxes in mass production;
2. Auto error stop and display
3. Automatically feed paper
4. 24-hours control for glue pre-heating
5. Adopt Panasonic servo control system
6. Forming unit adopts a secondary pressing mechanism

### > 主要技术参数/Technical parameters

型号 Model	HM-WT4232	
纸板尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	415mm
	最短尺寸B(Min.)	110mm
	最宽尺寸A(Max.)	100mm
	最窄尺寸A(Min.)	20mm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸L(Max.)	420mm
	最短尺寸L(Min.)	180mm
	最宽尺寸W(Max.)	320mm
	最窄尺寸W(Min.)	115mm
	最高尺寸H(Max.)	140mm
喷胶尺寸 Spray gluing Size	最长尺寸B(Max.)	420mm
	最短尺寸B(Min.)	150mm
纸板厚度 Grey board Thickness(T)	2-3mm	
气源压力 Air Supply	480L/min,0.8MPa	
生产速度 Speed	≤20pcs/min	
总功率 Power /电压 Voltage	7kW /AC380V	
耗电量 Power Consumption	2kW/h	
机器净重 Net Weight	4000kg	
机器尺寸 Machine Dimension	3530x1038x2300mm	



# HM-GH40

## 机器人盖盒机 >>> Automatic Cover Box Machine

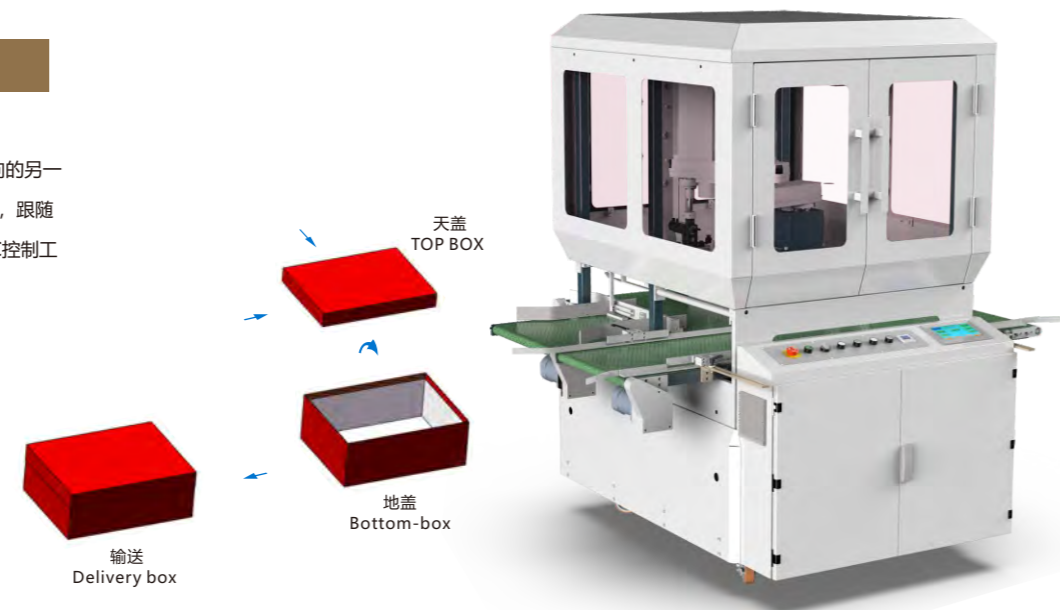
### 功能说明 >>> Description

HM-GH40机器人盖盒机，是一款针对自动化生产线中多种天盒与地盒的盖盒工艺的自动化设备。

本机工作方式是：地盒盒口朝上，在输送带上连续匀速移动，天盒盒口朝下，从平行地盒运行方向的另一条输送带上进料（此输送带方向也可改装为垂直地盒方向进料）。机器人抓住天盒后，移动到地盒上方，跟随地盒前进同时还向下压，完成盖盒后再松下天盒，再回去取下一个天盒。如此循环工作。整台机器用PLC控制工作，利用触摸屏设置工作参数

HM-GH40 Automatic Cover Box Machine is an automatic equipment for the production of cover box process of various top boxes and bottom boxes in automatic production lines.

The working mode of the machine is: the mouth of the bottom box is facing upward, continuously moving at a constant speed on the conveyor belt, and the mouth of the top box is facing downward, and feeding is carried out from another conveyor belt in the running direction of the parallel box (the direction of the conveyor belt can also be modified to feed in the vertical bottom box direction). After the robot grabs the top box, it moves to the bottom box, follows the bottom box and presses down. After the cover box is completed, the robot will pick the next top box and cover. This cycle works. The whole machine is controlled by PLC, and the working parameters are set by the touch screen.



### >主要技术参数/Technical parameters

型号 Model	HM-GH40	
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸B(Max.)	400mm
	最短尺寸B(Min.)	60mm
	最宽尺寸A(Max.)	300mm
	最窄尺寸A(Min.)	50mm
	最长尺寸L(Max.)	150mm
	最短尺寸L(Min.)	20mm
气源压力 Air Supply	20L/min,0.8MPa	
生产速度 Speed	≤25pcs/min	
总功率 Power /电压 Voltage	3.8kW/AC220V	
耗电量 Power Consumption	1kW/h	
机器净重 Net Weight	1000kg	
机器尺寸 Machine Dimension	1800x1800x2000mm	

### >机组特点和标准配置

1. 适合自动化生产线的组线工作。
2. 适合各种天盒与地盒的盖盒工序的自动生产。
3. 采用雅马哈机器人定位。
4. 采用PLC自动控制，触摸屏人机界面设置工作参数。
5. 故障诊断功能。

### >Features and function:

1. Suitable for assembly line of automatic production lines.
2. Suitable for the automatic production of the cover box process of various top boxes and bottom boxes.
3. Adopt YAMAHA Robot positioning
4. Adopt PLC automatic control, touch screen man-machine interface to set working parameters.
5. Auto error stop and display

# HM-GH43

## 盖盒机 >>> Cover Box Machine

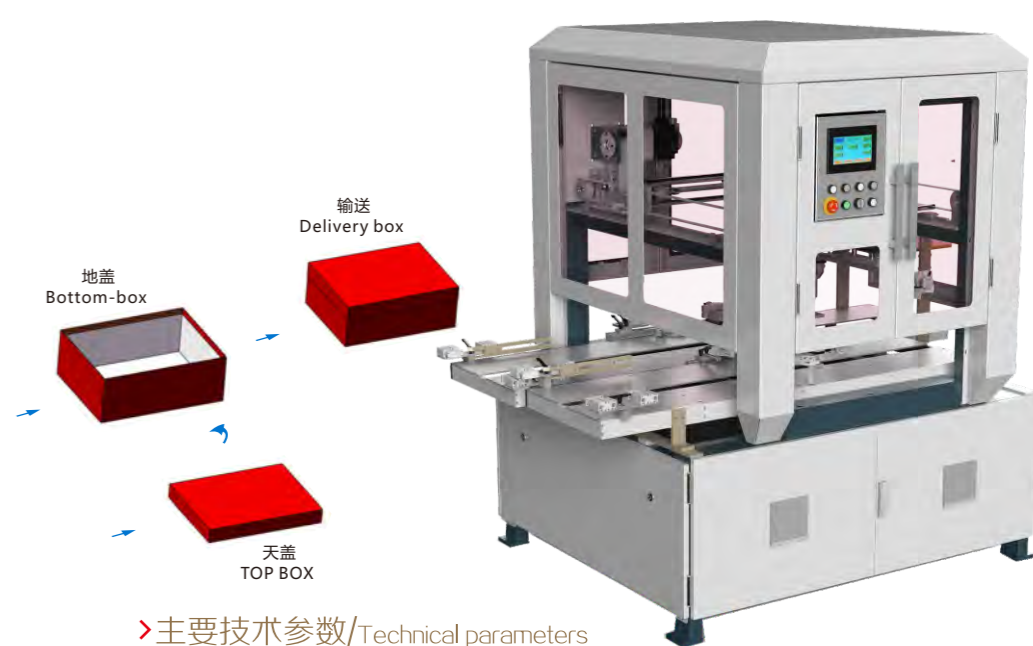
### 功能说明 >>> Description

HM-GH43盖盒机，是一款针对自动化生产线中多种天盒与地盒的盖盒工艺的自动化设备。

本机采用单边盖盒工作方式。地盒盒口朝上，从左侧输送带间歇勾进机器。天盒盒口朝下，从右侧输送带间歇勾进机器，定位采用行架机械手结构，夹具移动到地盒上方，利用气缸从四个角抱起天盒，再移动到地盒上方，将天盒盖在地盒上。输出时再将盖后的盒子压到位，输出。整台机器用PLC控制工作，利用触摸屏设置工作参数。

HM-GH43 Cover Box Machine is an automatic equipment for the production of cover box process of various top boxes and bottom boxes in automatic production lines.

This machine adopts the one-way cover box working mode. The mouth of the bottom box is facing upwards, and the conveyor belt is intermittently hooked into the machine from the left side. The box of the top box is facing down, and the conveyor belt is intermittently hooked into the machine from the right side. The positioning adopts the Module Robot arm. The fixture moves to the top of the top box, and the cylinder is used to lift the top box from the four corners and then move to the top of the bottom box. The top box is placed on the bottom box. Press the capped box in place and output it. The whole machine is controlled by PLC, and the working parameters are set by the touch screen.



### >主要技术参数/Technical parameters

型号 Model	HM-GH43	
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸B(Max.)	400mm
	最短尺寸B(Min.)	60mm
	最宽尺寸A(Max.)	300mm
	最窄尺寸A(Min.)	50mm
	最长尺寸L(Max.)	150mm
	最短尺寸L(Min.)	20mm
气源压力 Air Supply	20L/min,0.8MPa	
生产速度 Speed	≤20pcs/min	
总功率 Power /电压 Voltage	3.4kW/AC220V	
耗电量 Power Consumption	1kW/h	
机器净重 Net Weight	1300kg	
机器尺寸 Machine Dimension	2000x2000x2000mm	

### >机组特点和标准配置

1. 适合自动化生产线的组线工作。
2. 适合各种天盒与地盒的盖盒工序的自动生产。
3. 采用行架机械手定位。
4. 采用PLC自动控制，触摸屏人机界面设置工作参数。
5. 故障诊断功能。

### >Features and function:

1. Suitable for assembly line of automatic production lines.
2. Automatic production of cover box processes for various top boxes and bottom boxes
3. Adopt Module Robot arm positioning.
4. Adopt PLC automatic control, touch screen man-machine interface to set working parameters.
5. Auto error stop and display.

# HM-GH30C

## 双通道盖盒机 >>> Double-Path Cover Box Machine

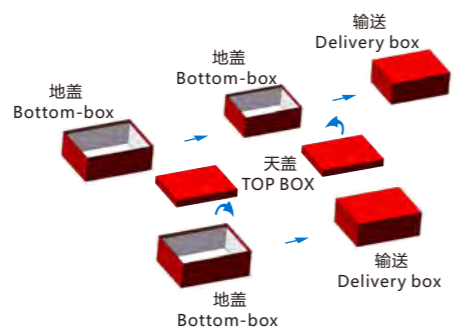
### 功能说明 >>> Description

HM-GH30C 双通道盖盒机，是一款针对自动化生产线中多种天盒与地盒的盖盒工艺的自动化设备。

本机采用双边盖盒工作方式。结构上呈品字形，天盒从上层输送带连续送进机器，地盒分二路从下层间歇勾进机器，定位时采用双边轮流盖盒方式，输出时再将二列盒子汇聚成一个队列输出。整台机器用PLC控制工作，利用触摸屏设置工作参数。

HM-GH30C Cover Box Machine is an automatic equipment for the production of cover box process of various top boxes and bottom boxes in automatic production lines.

This machine adopts the two-way cover box working mode. It uses the upper and lower structure. The top box is continuously feed into the machine from the upper conveyor belt, and the bottom box is intermittently hooked into the machine from the lower layer. When positioning, the two-way rotating cover box method is adopted, and then the machine will bring two queues together when the boxes are coming out. The whole machine is controlled by PLC, and the working parameters are set by the touch screen.



### >主要技术参数/Technical parameters

型号 Model	HM-GH30C	
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸B(Max.)	350mm
	最短尺寸B(Min.)	60mm
	最宽尺寸A(Max.)	250mm
	最窄尺寸A(Min.)	50mm
	最长尺寸L(Max.)	90mm
	最短尺寸L(Min.)	12mm
气源压力 Air Supply	200L/min.0.8MPa	
生产速度 Speed	≤45pcs/min	
总功率 Power /电压 Voltage	3.7kW/AC220V	
耗电量 Power Consumption	1kW/h	
机器净重 Net Weight	1000kg	
机器尺寸 Machine Dimension	2600x1200x1900mm	

### >机组特点和标准配置

1. 适合自动化生产线的组线工作。
2. 适合各种天盒与地盒的盖盒工序的自动生产。
3. 采用单轴机械手模组定位。
4. 采用PLC自动控制，触摸屏人机界面设置工作参数。
5. 故障诊断功能

### >Features and function:

1. Suitable for assembly line of automatic production lines
2. Automatic production of cover box processes for various top boxes and bottom boxes
3. Aopt Module Robot Arm positioning
4. Adopts PLC automatic control, touch screen man-machine interface to set working parameters
5. Auto error stop and display.

# HM-KY40

## 开盖压框机 >>> Conjointed Box Pressing Machine

### 功能说明 >>> Description

HM-KY40开盖压框机，是一款针对自动化生产线中开盖与压框工艺的自动化设备。

本机采用间歇工作方式。天盒盖在地盒上后（天盒与地盒间有一加固片相连），从输送带间歇勾进机器。开盖机构采用气动装置，真空吸嘴吸住天盖，沿半圆轨迹控制打开盖子。盒子开盖后，再移动到压框工位上，模具套入地盒中，膨胀撑住地盒内腔。外侧四边四个压板同时压紧。模具与压板松开后，盒子再向后输出。整台机器用PLC控制工作，利用触摸屏设置工作参数。

HM-KY40 Conjointed Box Pressing Machine is an automatic equipment for conjoint box pressing in automatic production line.

The machine adopts intermittent working mode. After the conjointed box (the top box is connected with the bottom box by a reinforcing piece), the machine is hooked up intermittently from the conveyor belt. The uncapping mechanism adopts pneumatic device. The vacuum suction nozzle sucks the top box and controls uncapping along the semicircle track. After the box is uncapping, it is moved to the frame pressing position, the mold is set into the bottom box to expand and hold the inner cavity of bottom box. Four pressing plates on the outer four sides are pressed at the same time. After the mould is released from the pressing plate, the box is output backward. The whole machine is controlled by PLC, and the working parameters are set by touch screen.



### >机组特点和标准配置

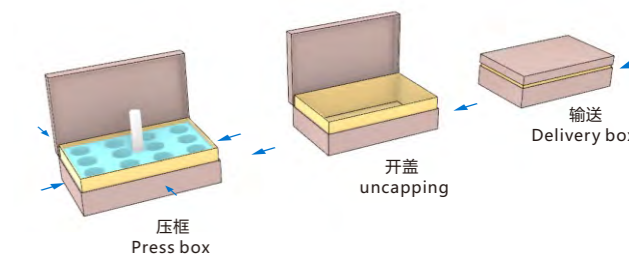
1. 适合自动化生产线的组线工作。
2. 适合开盖与压框工序生产工序的自动生产。
3. 采用PLC自动控制，触摸屏人机界面设置工作参数。
4. 故障诊断功能。

### >Features and function:

1. Suitable for assembly line of automatic production lines.
2. Suitable for automatic production of press process of conjointed box.
3. Adopt PLC automatic control, touch screen man-machine interface to set working parameters.
4. Auto error stop and display.

### >主要技术参数/Technical parameters

型号 Model	HM-KY40	
盒子尺寸 Finished Box Size	最长尺寸B(Max.)	400mm
	最短尺寸B(Min.)	120mm
	最宽尺寸A(Max.)	300mm
	最窄尺寸A(Min.)	120mm
	最高尺寸H(Max.)	150mm
	最低尺寸H(Min.)	50mm
气源压力 Air Supply	500L/min,0.8MPa	
生产速度 Speed	≤20pcs/min	
总功率 Power /电压 Voltage	0.66kW/AC220V	
耗电量 Power Consumption	1kW/h	
机器净重 Net Weight	1000kg	
机器尺寸 Machine Dimension	2000x1200x2400mm	



# HM-ZX8060

## 纸塑成型机 >>> Molded Fiber Tray Forming Machine

### 功能说明 >>> Description

HM-ZX8060纸塑成型机，是一款针对纸塑成型工艺的自动化设备，适用于多种干湿压纸塑产品的大量生产。

本机采用四柱式开放空间，下压平顺稳定，重复精度高。采用伺服液压控制系统及差压回路设计，降低噪音，以快速提高工作效率，慢速精确有效地成型。手动模式方便模具安装校正，自动模式可控制保压时间。热压模可前后移动，整机采用整体安全防护门，保证安全生产。

HM-ZX8060 Molded fiber tray forming machine is automatic forming machine for molded fiber tray, which applies to make different kinds of wet molded fiber trays and dry molded fiber trays.

The machine adopts four-column open space, smooth and stable pressing, and high repetition accuracy. Servo system for controlling the machine and differential pressure circuit design reduce noise and improve work efficiency quickly and accurately and efficiently. The manual mode facilitates mold mounting correction and the automatic mode controls the dwell time. The hot press mould can be moved back and forth, and the whole machine adopts the safety protective door to ensure safe production.



### >主要技术参数/Technical parameters

型号 Model	HM-ZX8060	
模板尺寸 Template size	最长尺寸B(Max.)	650mm
	最宽尺寸A(Max.)	500mm
气源压力 Air Supply	0.6-0.8MPa	
总功率 Power /电压 Voltage	28kW/AC380V	
机器净重 Net Weight	4000kg	
机器尺寸 Machine Dimension	1300x1200x2500mm	

### >机组特点和标准配置

1. 适合多种干湿压纸塑产品的自动生产
2. 全电脑功能参数的设置
3. 下模前后移动功能
4. 热压模温度控制功能
5. 采用伺服液压控制系统

### >Features and function:

1. Suitable for mass production of a variety of dry and wet fiber tray products.
2. Computer control parameter settings.
3. Lower die movement function.
4. Hot stamping temperature control.
5. Adopts servo hydraulic pressure control system.

# HM-ZH8315

## 多轴纸塑切边机 >>> Multi-axis Molded fiber tray cutting machine

### 功能说明 >>> Description

#### >机组特点和标准配置

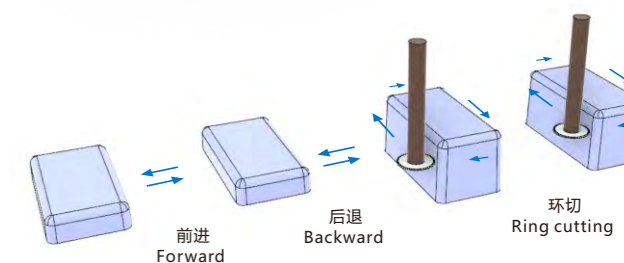
1. 机器采用数控系统参数的设置，界面简洁，操作简单方便。
2. 机器运动灵活，定位精准。
3. 双工位可交替运转
4. 可同时4主轴环切
5. 故障自动停机功能

#### >Features and function:

1. The machine adopts digital setting, the interface is simple, and the operation is easy and convenient.
2. The machine is flexible in movement and accuracy in positioning.
3. Double stations can be operated alternately.
4. Simultaneous 4 spindle ring cutting.
5. Auto error stop and display.

#### >主要技术参数/Technical parameters

型号 Model	HM-ZH8315	
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸B(Max.)	700mm
	最短尺寸B(Min.)	80mm
	最宽尺寸A(Max.)	300mm
	最窄尺寸A(Min.)	80mm
	最高尺寸H(Max.)	150mm
	最低尺寸H(Min.)	30mm
生产速度 Speed	≤28pcs/min	
总功率 Power /电压 Voltage	6.5kW/AC380V	
耗电量 Power Consumption	2kW/h	
机器净重 Net Weight	1200kg	
机器尺寸 Machine Dimension	2040x1420x1840mm	



# HM-650A/850A

## 自动上纸上糊机 >>> Automatic Gluing Machine

### >主要技术参数/Technical parameters

型号 Model	HM-650A	HM-850A
纸张宽度 Paper Width	80-600mm	80-800mm
纸张厚度 Paper Thickness	80-200gsm	80-200gsm
生产速度 Speed	≤40pcs/min	≤40pcs/min
总功率 Power /电压 Voltage	10kW/AC380V	10kW/AC380V
耗电量 Power consumption	5kW/h	5kW/h
机器净重 Net Weight	1100kg	1275kg
机器尺寸 Machine Dimension	6350x1650x1100mm	6350x1850x1100mm

备注: 可选配一走一停功能 Optional: Run&Stop System



# HM-YP400/YP600B

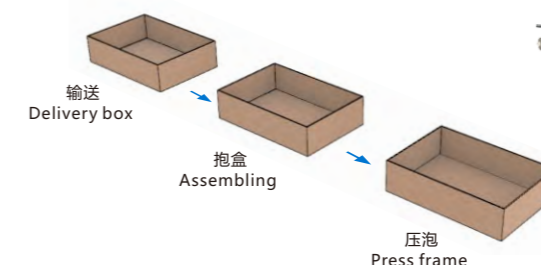
## 自动压泡机 >>> Automatic Box Pressing Machine

### >机组特点和标准配置

- 1、快速自动抓盒机械手;
- 2、可以根据盒子高低调节气缸下压行程;
- 3、盒子到位后输送带自动停止运行功能;
- 4、出盒方向可自由改变;
- 5、顶针退盒结构;
- 6、故障自动停机系统;
- 7、整机可自由移动。

### >Features and function:

1. The Robot catches the box automatically and quickly;
2. The cylinder can be adjusted according to the height of box;
3. Delivery belt will automatically stop working after box into it;
4. Box-out direction can be changed freely;
5. Box release by needle;
6. Auto error stop and display;
7. This machine can move freely.



### >主要技术参数/Technical parameters

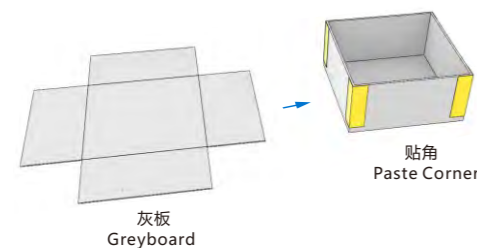
型号 Model	HM-YP400(气压Pneumatic)	HM-YP600B(液压Hydraulic)
盒子最大尺寸 Finished Box Size Max	350x250x120mm	600x400x130mm
盒子最小尺寸 Finished Box Size Min	60x45x10mm	60x50x12mm
气源压力 Air Supply	449L/min,0.5MPa	100L/min,0.5MPa
生产速度 Speed	≤25pcs/min	≤25pcs/min
总功率 Power /电压 Voltage	1.3kW/AC220V	7kW/AC380V
耗电量 Power Consumption	0.5kW/h	4kW/h
机器净重 Net Weight	400kg	800kg
机器尺寸 Machine Dimension	2450x1150x2000mm	3100x1300x2650mm

# HM-40

## 饰盒贴角机 >>> Corner Pasting Machine

### >主要技术参数/Technical parameters

型号 Model	HM-40	HM-40B	HM-40C
成型最小尺寸 Box Size (Min)	40x40x10mm	40x40x10mm	40x40x10mm
胶带宽度 Tape Width	19mm	39mm	19mm
胶带长度 Tape Length(Max)	30mm	30mm	60mm
生产速度 Speed	≤40pcs/min	≤40pcs/min	≤40pcs/min
总功率 Power /电压 Voltage	0.9kW/AC220V	0.9kW/AC220V	0.9kW/AC220V
耗电量 Power Consumption	1kW/h	1kW/h	1kW/h
机器净重 Net Weight	170kg	170kg	170kg
机器尺寸 Machine Dimension	800x500x1400mm	800x500x1400mm	800x500x1400mm



# HM-YP300B/YP540B

## 天地盖压泡机 >>> Box Pressing Machine



### > 主要技术参数/Technical parameters

型号 Model	HM-YP300B	HM-YP540B
最大工作尺寸 Box Size (Max)	250x200x80mm	500x400x200mm
最大工作尺寸 Box Size (Min)	50x50x10mm	90x80x10mm
建议最大工作尺寸 Ideal Box Size(Max)	200x150x60mm	400x300x150mm
使用气压 External Pressure	0.5-0.8MPa	0.5-0.8MPa
下压气缸压力 Downward Pressure	160-220kgf	220-260kgf
侧压气缸压力 Side Pressure	120-140kgf	160-200kgf
上顶气缸压力 Upward Pressure	40-60kgf	40-60kgf
生产速度 Speed	≤18pcs/min	≤18pcs/min
总功率 Power /电压 Voltage	0.02kW/AC220V	0.02kW/AC220V
耗电量 Power Consumption	0.05kW/h	0.05kW/h
机器净重 Net Weight	85kg	145kg
机器尺寸 Machine Dimension	800x600x1450mm	900x800x1600mm



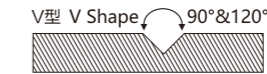
# HM-PX1000

## 平板吸风开槽机 (手动送纸) >>> Manual Grooving Machine



灰板放置在平板上开槽，灰板无弯曲变形，更好地保证了开槽后的灰板品质。

This machine grooves the greyboard on a plate, thus it causes no curve or wrinkle on the greyboard and guarantees the output quality.



备注：1. 机器标配90°&120°，其余角度可定做。本机需另外配空压机≥0.75kW。

2. 角度不可调。
3. 标配整体刀。

Note: 1. Standard device 90°&120°, Other angles can be customised.

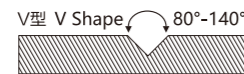
- Extra air compressor needed ≥0.75kW.
2. Angles can't be adjusted.
3. Integrated blade (standard).

### > 主要技术参数/Technical parameters

型号 Model	HM-PX1000
加工纸板-宽度 Greyboard Width	50-1000mm
加工纸板-长度 Greyboard Length	50-600mm
开槽间距 Groove Distance	0-950mm
纸板厚度 Greyboard Thickness	200gsm-5mm
最多开槽数 Number of Groove	8 slots
生产速度 Speed	≤20pcs/min
总功率 Power /电压 Voltage	7kW/AC380V
耗电量 Power Consumption	3.5kW/h
机器净重 Net Weight	2000kg
机器尺寸 Machine Dimension	1900x1300x1400mm

# HM-1200D/ HM-1200E

## 自动无尘开槽机 >>> Automatic Grooving Machine



- 备注：1. 机器标配90°&120°，其余角度可定做。
2. 角度可调。
  3. HM-1200E配整体刀

Note: 1. Standard device 90°&120°, Other angles can be customised.

2. Angles can be adjusted.
3. HM-1200E install integrated blade.

### > 主要技术参数/Technical parameters

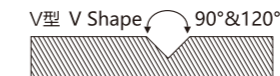
型号 Model	HM-1200D	HM-1200E
加工纸板-宽度 Greyboard Width	50-950mm	50-950mm
加工纸板-长度 Greyboard Length	120-600mm	120-600mm
开槽间距 Groove Distance	0-900mm	0-900mm
纸板厚度 Greyboard Thickness	1-4mm	200gsm-400gsm
开槽角度 Groove Angle	80-140°	80-140°
最多开槽数 Number of Groove	8 slots	12 slots
生产速度 Speed	≤40m/min	≤40m/min
总功率 Power /电压 Voltage	1.6kW/AC380V	1.6kW/AC380V
耗电量 Power Consumption	1kW/h	1kW/h
机器净重 Net Weight	1500kg	1550kg
机器尺寸 Machine Dimension	1890x1300x1350mm	1990x1300x1400mm

# HM-ZDPX1000 平板吸风开槽机 (自动送纸) >>> Automatic Grooving Machine



本机为自动进料，灰板放置在平板上开槽，灰板无弯曲变形，更好地保证了开槽后的灰板品质。

This machine feeds the greyboard automatically and grooves the greyboard on a plate, thus it causes no curve or wrinkle on the greyboard and guarantees the output quality.



- 备注：1. 机器标配90°&120°，其余角度可定做。本机需另外配空压机≥0.75kW。
2. 角度不可调。
  3. 标配整体刀。

Note: 1. Standard device 90°&120°, Other angles can be customised.

- Extra air compressor needed ≥0.75kW.
2. Angles can't be adjusted.
3. Integrated blade (standard).

### > 主要技术参数/Technical parameters

型号 Model	HM-ZDPX1000
加工纸板-宽度 Greyboard Width	50-1000mm
加工纸板-长度 Greyboard Length	50-600mm
开槽间距 Groove Distance	0-950mm
纸板厚度 Greyboard Thickness	200gsm-5mm
最多开槽数 Number of Groove	8 slots
生产速度 Speed	≤20pcs/min
总功率 Power /电压 Voltage	7kW/AC380V
耗电量 Power Consumption	3.5kW/h
机器净重 Net Weight	2000kg
机器尺寸 Machine Dimension	1900x1400x1660mm

# HM-720

## 台式白胶过胶机 >>> White Glue Machine

### > 主要技术参数/Technical parameters

型号 Model	HM-720
最大过胶宽度 Width (Max)	710mm
生产速度 Speed	可调/Adjustable
总功率 Power /电压 Voltage	0.13kW/AC220V
耗电量 Power Consumption	0.5kW/h
机器净重 Net Weight	45kg
机器尺寸 Machine Dimension	1030x410x360mm



# HM-950 整平机 >>> Pressing Machine

### > 主要技术参数/Technical parameters

型号 Model	HM-950
最大宽度 Cover Width (Max)	900mm
生产速度 Speed	≤386m/min
总功率 Power /电压 Voltage	0.75kW/AC220V
耗电量 Power Consumption	1kW/h
机器净重 Net Weight	345kg
机器尺寸 Machine Dimension	1200x2000x1150mm



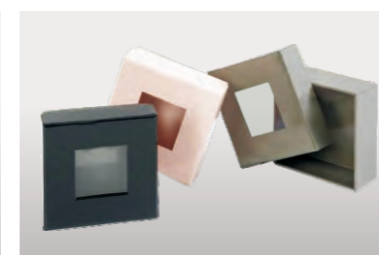
# 产品应用/ Product application



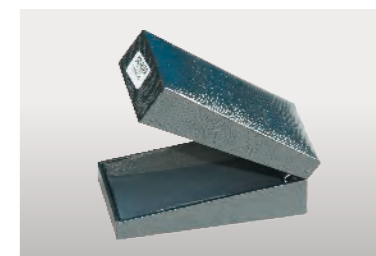
> 我们的相关机器设备可以用来制造各种不同的天地盖盒子，主要应用到制造礼品盒、手机盒、珠宝盒、化妆品盒，服饰盒以及其他各种不同的盒子。我们不仅仅为客户提供质量稳定的机械设备还提供全面的解决方案。

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



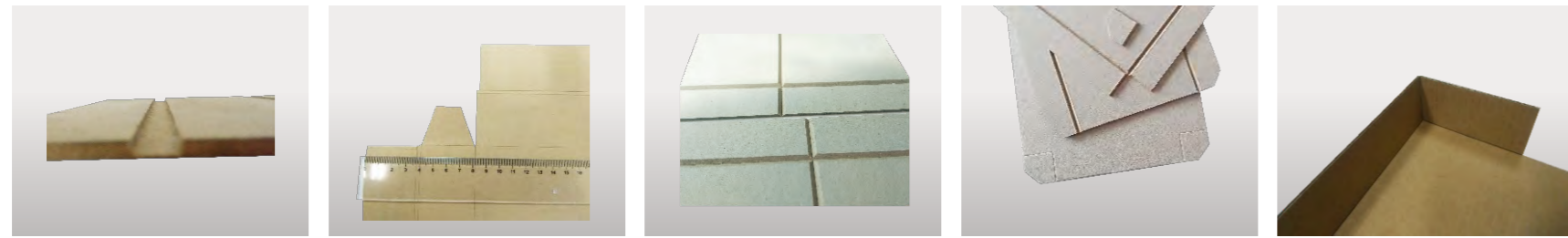
## 塑胶盒 >>> Plastic Boxes



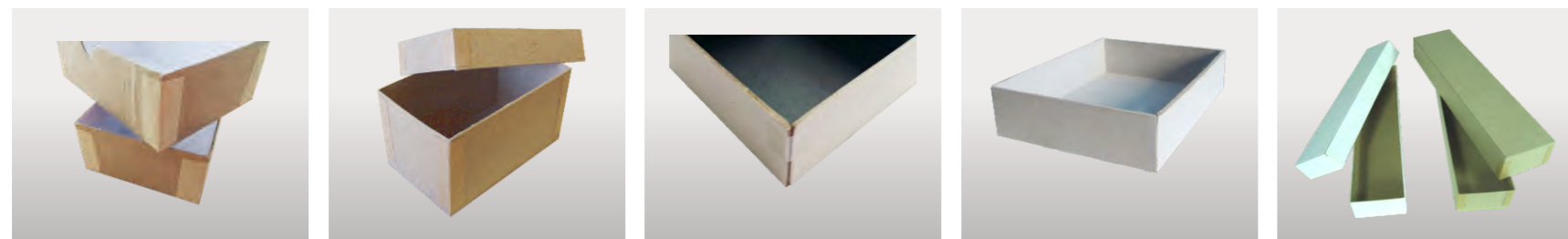
## 手机盒 >>> Cellphone Boxes



## 开槽 >>> Grooving



## 贴角 >>> Corner Pasting



## 首饰盒 >>> Jewelry Boxes



## 其他盒 >>> Other Boxes



## 相册/台历 /皮壳 >>> Hard /Cover/ Calendar

