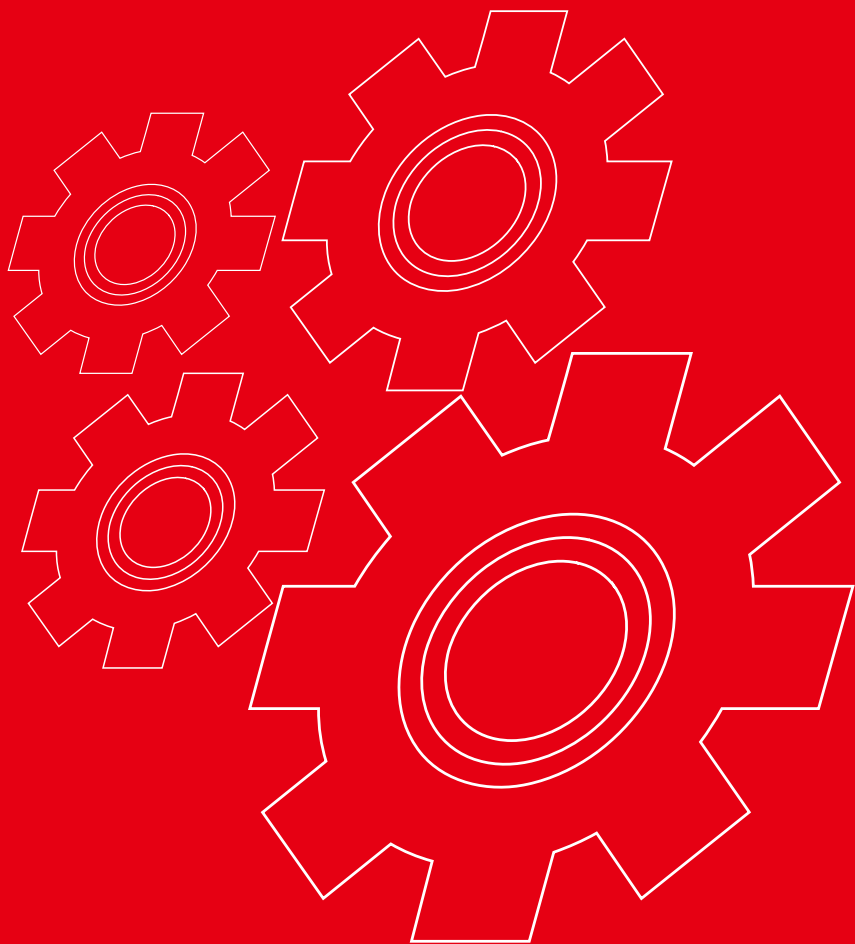




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鸿铭股份订阅号



广东鸿铭智能股份有限公司

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



股票代码：301105

鸿铭股份之 **至诚**
HONGMING STOCK ZHICHENG

广东鸿铭智能股份有限公司

GUANGDONG HONGMING INTELLIGENT JOINT STOCK CO.,LTD

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公司简介

Introduction

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

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

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

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

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

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

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

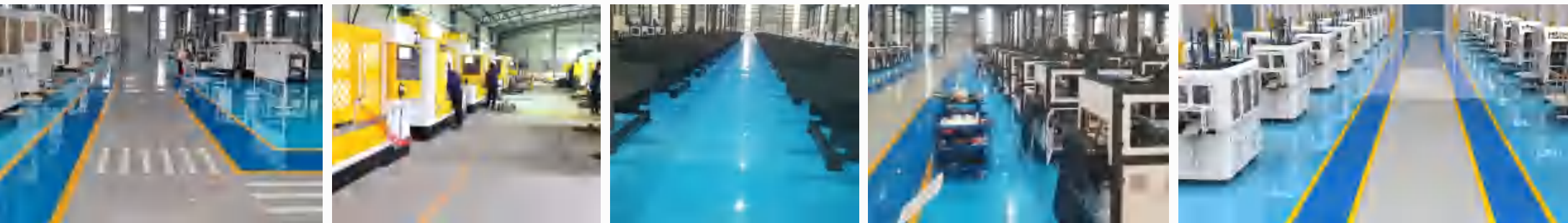
After more than 20 years of intensive cultivation, pioneering and enterprising, and advancing with the times, Hongming Stock has become a national intellectual property advantage enterprise, a top 100 enterprise in Dongguan, and has many honors such as a provincial engineering technology research center.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

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

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

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

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



公司荣誉与发展

Company honor and development



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

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



鸿铭股份之 至诚

HONGMING STOCK ZHICHENG



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，可按需分段分次贴不同长度的胶带；定位部分采用图像定位系统及机器人抓取部件，提高定位精度及效率，误差范围可达±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



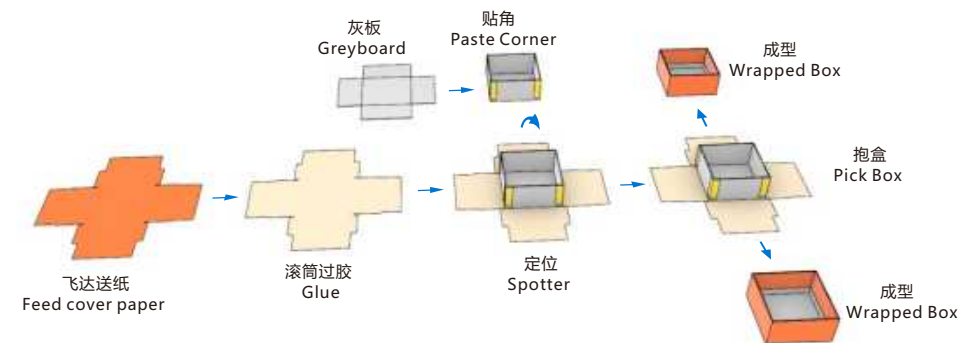
定位部分
Spotter part



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小时胶水定时加热功能;
- 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; (详见注释)
- 8. 图像定位系统及机器人抓取(定位误差±0.05mm); (详见注释)
- 9. 纸盒自动抬盒引取装置; (详见注释)
- 10. 胶水粘度自动控制系统(选配); (详见注释)
- 11. 双工位凸轮成型; (详见注释)
- 12. 长边、短边分层包边;
- 13. 拉模部件与主滑块同步; (详见注释)
- 14. 伺服底模; (详见注释)

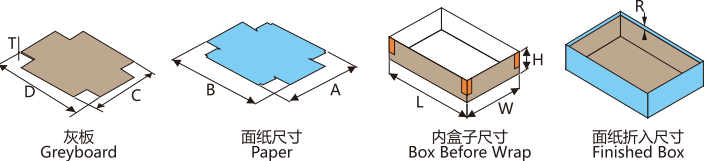
>Features and function:

- 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 glue timing heating function;
- 6. Wrapper can input 300 product formulas;
- 7. Corner pasting part with independent man-machine control and heating system.; (Details please check the note)
- 8. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm)(spotting inaccuracy ±0.05mm); (Details please check the note)
- 9. Wrapper can automatic lift and wrap box; (Details please check the note)
- 10. Automatic control system for glue viscosity (optional); (Details please check the note)
- 11. Forming section with Double-station and cam control; (Details please check the note)
- 12. Long-side and short-side wrapping in different layer;
- 13. Main Slider and pull mold section synchronized; (Details please check the note)
- 14. Bottom Mould controlled by servo motor;
- 15. The box-out direction is parallel to the main conveyor belt;

>主要技术参数/Technical parameters

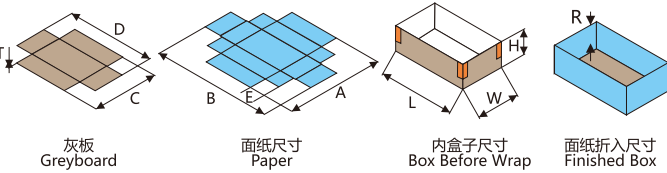
型号 Model	HM-ZD6418D	
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	820mm
	最短尺寸D(Min.)	124mm
	最宽尺寸C(Max.)	580mm
	最窄尺寸C(Min.)	92mm
	灰板厚度Thickness (T)	1-3mm
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	850mm
	最短尺寸B(Min.)	180mm
	最宽尺寸A(Max.)	610mm
	最窄尺寸A(Min.)	95mm
	面纸厚度Thickness	80-160gsm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸L(Max.)	600mm
	最短尺寸L(Min.)	100mm
	最宽尺寸W(Max.)	400mm
	最窄尺寸W(Min.)	50mm
	最高尺寸H(Max.)	130mm
折耳尺寸 Paper Corner Edge(E)	最低尺寸H(Min.)	12mm
	E	10-125mm
面纸折入深度 Folding in Depth(R)	R	15-100mm
面纸堆台最高 Paper Pile Height Max.		750mm
灰板堆台最高 Greyboard Pile Height Max.		850mm
胶桶容量 Glue Tank Volume		40L
气源压力 Air Supply		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		6800x5500x3600mm

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



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

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

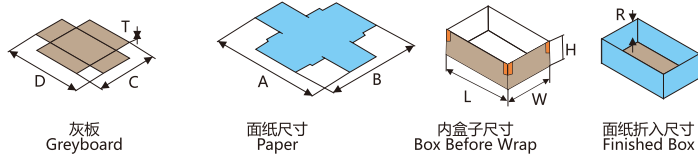


操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

备注/Note:

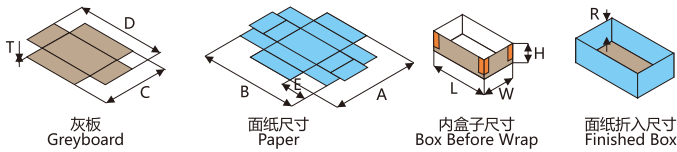
- 1、盒子大小由面纸大小决定; The Finished Box Max. sizes are determined by paper size.
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$; $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$
- 2、最大和最小尺寸不能同时满足; Either the Max. Sizes or the Min. Sizes can not be fulfilled on the same box.
- 3、生产速度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

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



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

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



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

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

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

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

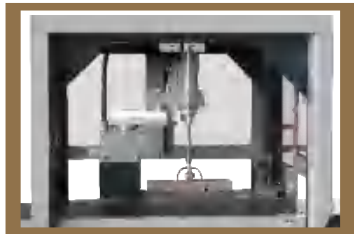
HM-ZD6418K Automatic Rigid Box Machine which designed for digital setting, It is suitable to make various types of boxes for mass production, such as mobile phone boxes, gift boxes, cosmetic boxes, watch boxes, etc. Size range is more bigger, more suitable for current packaging market. Machine's appearance 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.

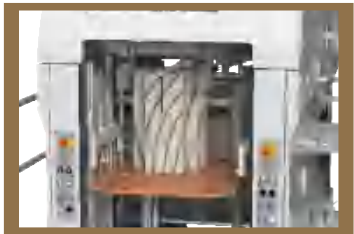
The feeder, the gluer and the conveyer are driven by well known servos which have continuously variable transmission, and enjoys high accuracy, easy adjusting, and efficienay. The spotting unit adopts camera tracing system and robot arm to pick and spot the greyboard ,enhancing the spotter accuracy to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



过胶部分
Glue part



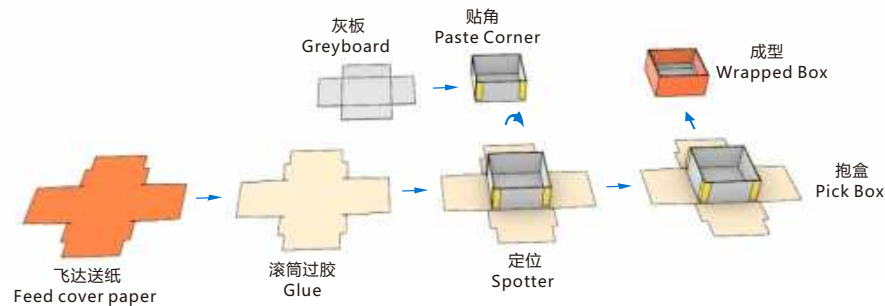
定位部分
Spotter part



贴角部分
Corner pasting part



成型部分
Wrapper part



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小时胶水定时加热功能;
- 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; (详见注释)
- 8. 图像定位系统及机器人抓取(定位误差±0.05mm); (详见注释)
- 9. 纸盒自动抬盒引取装置; (详见注释)
- 10. 胶水粘度自动控制系统(选配); (详见注释)
- 11. 单工位凸轮成型;
- 12. 长边、短边分层包边;
- 13. 拉模部件与主滑块同步; (详见注释)
- 14. 伺服底模; (详见注释)
- 15. 出盒方向垂直于主输送带;

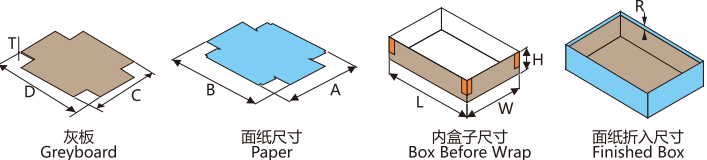
>Features and function:

- 1. Suit to all kinds of rigid boxes in mass production;
- 2. Parameter adopts computer digital setting;
- 3. Auto error stop and display;
- 4. Automatically feed paper and greyboard;
- 5. 24-hour glue timing heating function;
- 6. Wrapper can input 300 product formulas;
- 7. Corner pasting part with independent man-machine control and heating system; (Details please check the note)
- 8. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm)(spotting inaccuracy ±0.05mm); (Details please check the note)
- 9. Wrapper can automatic lift and wrap box; (Details please check the note)
- 10. Automatic control system for glue viscosity (optional); (Details please check the note)
- 11. Forming section with Single-station and cam control;
- 12. Long-side and short-side wrapping in different layer;
- 13. Main Slider and pull mold section synchronized; (Details please check the note)
- 14. Bottom Mould controlled by servo motor;
- 15. The box-out direction is parallel to the main conveyor belt;

>主要技术参数/Technical parameters

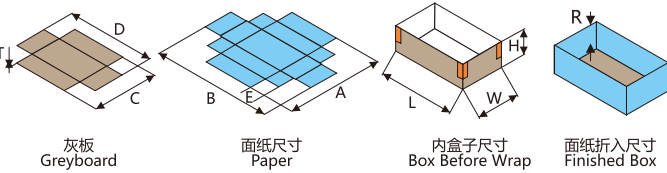
型号 Model		HM-ZD6418K
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	820mm
	最短尺寸D(Min.)	124mm
	最宽尺寸C(Max.)	580mm
	最窄尺寸C(Min.)	92mm
	灰板厚度Thickness (T)	1-3mm
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	850mm
	最短尺寸B(Min.)	180mm
	最宽尺寸A(Max.)	610mm
	最窄尺寸A(Min.)	95mm
	面纸厚度Thickness	80-160gsm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸L(Max.)	600mm
	最短尺寸L(Min.)	100mm
	最宽尺寸W(Max.)	400mm
	最窄尺寸W(Min.)	50mm
	最高尺寸H(Max.)	130mm
折耳尺寸 Paper Corner Edge(E)	最低尺寸H(Min.)	12mm
	E	10-125mm
面纸折入深度 Folding in Depth(R)	R	15-100mm
面纸堆台最高 Paper Pile Height Max.		750mm
灰板堆台最高 Greyboard Pile Height Max.		850mm
胶桶容量 Glue Tank Volume		40L
气源压力 Air Supply		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		6800x4500x3600mm

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



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

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

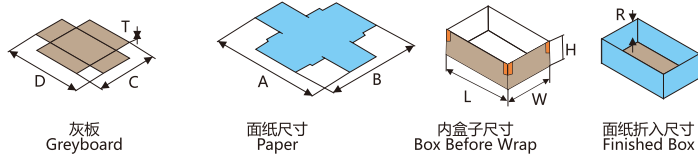


操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

备注/Note:

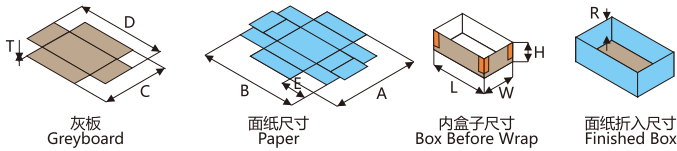
- 1. 盒子大小由面纸大小决定; The Finished Box Max. sizes are determined by paper size. $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$; $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$
- 2. 最大和最小尺寸不能同时满足; Either the Max. Sizes or the Min. Sizes can not be fulfilled on the same box.
- 3. 生产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

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



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

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



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

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±0.05MM，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。

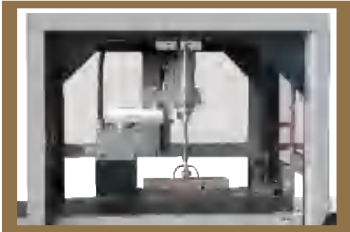
HM-ZD6418G/HM-ZD6418C-G Automatic Rigid Box Machine is suitable to make various big size premium boxes' mass production, such as mobile phone boxes, gift boxes, cosmetic boxes, watch boxes, slanting (option),slip case boxes (option), clamshell box (option) etc. Size range is bigger, more suitable for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

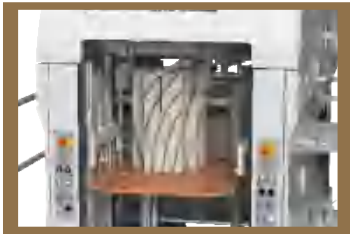
The feeder, the gluer and the conveyor are driven by well known servos which have continuously variable transmission, and enjoys high accuracy, easy adjusting, and efficiency. The spotting unit adopts camera tracing system and robot arm to pick and spot the greyboard ,enhancing the spotter accuracy to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



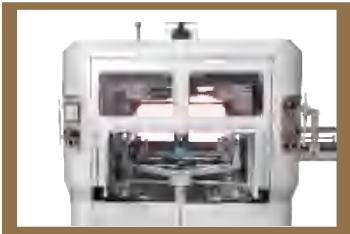
过胶部分
Glue part



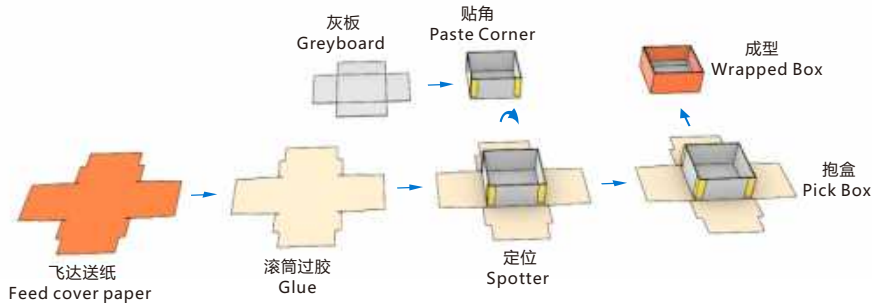
定位部分
Spotter part



贴角部分
Corner pasting part



成型部分
Wrapper part



10 ※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.

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小时胶水定时加热功能;
6. 内置300项产品配方;
7. 四角贴角加热单独人机界面控制; (详见注释)
8. 图像定位系统及机器人抓取(定位精度±0.05mm); (详见注释)
9. 纸盒自动拾盒引取装置; (详见注释)
10. 胶水粘度自动控制系统 (选配); (详见注释)
11. 单工位凸轮成型;
12. 长边、短边同层包边;
13. 固定式拉模部件;
14. 活塞式底模;
15. 出盒方向垂直于主输送带;

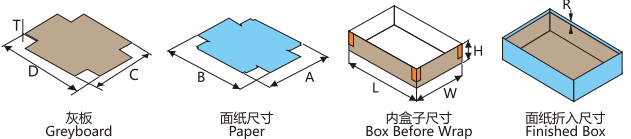
>Features and function:

1. Suit to all kinds of rigid boxes in mass production;
2. Parameter adopts computer digital setting;
3. Auto error stop and display;
4. Automatically feed paper and greyboard;
5. 24-hour glue timing heating function;
6. Wrapper can input 300 product formulas;
7. Corner pasting part with independent man-machine control and heating system; (Details please check the note)
8. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm) (spotting accuracy±0.05mm); (Details please check the note)
9. Wrapper can automatic lift amd wrap box; (Details please check the note)
10. Automatic control system for glue viscosity(optional); (Details please check the note)
11. Forming section with Single-station and cam control;
12. Long-side and short-side wrapping in same layer;
13. Pull mould section is fixed;
14. Bottom mould use Piston type;

>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	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
折耳尺寸 Paper Corner Edge(E)	最低尺寸H(Min.)	12mm	12mm
	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.		15-100mm	15-100mm
灰板堆台最高 Greyboard Pile Height Max.		750mm	750mm
胶桶容量 Glue Tank Volume		850mm	850mm
气源压力 Air Supply		40L	40L
生产速度 Speed		460L/min,0.8MPa	460L/min,0.8MPa
总功率 Total Power/电压Voltage		≤30pcs/min	≤30pcs/min
耗电量 Power Consumption		37kW/AC380V	37kW/AC380V
机器净重 Net Weight		9.5kW/h	9.5kW/h
—机器尺寸 Machine Dimension		6800x4500x3600mm	7000x4900x3600mm

- 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.

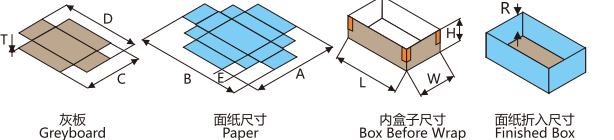


操作范围Operating range

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.

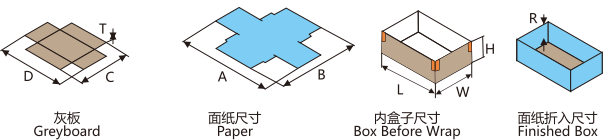


操作范围Operating range

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.

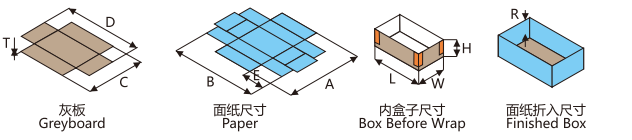


操作范围Operating range

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.

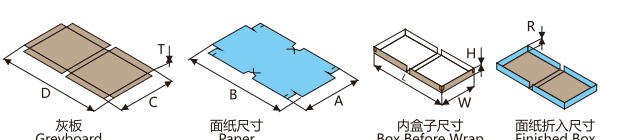


操作范围Operating range

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.

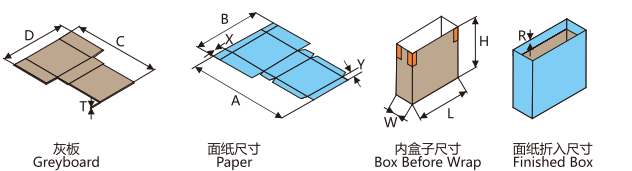


操作范围Operating range

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.

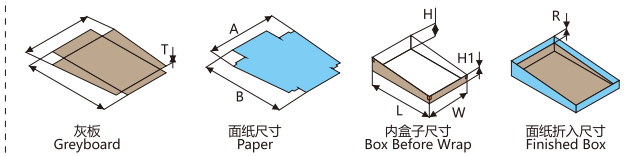


操作范围Operating range

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

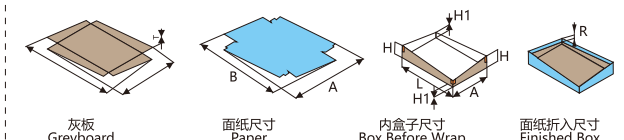


操作范围Operating range

A(Min.) ≤ W+2H+2T+2R ≤ A(Max.)

B(Min.) ≤ L+2H+2T+2R ≤ B(Max.)

- 8、对角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、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, 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



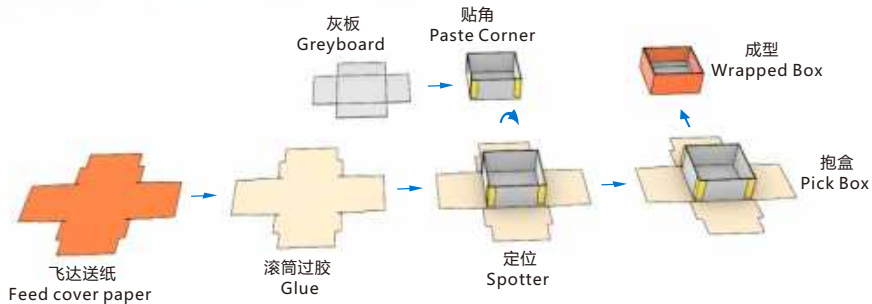
定位部分
Spotter part



贴角部分
Corner pasting part



成型部分
Wrapper part



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

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小时胶水定时加热功能;
- 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; (详见注释)
- 8. 光电传感器液压纠偏定位系统 (定位精度±0.2mm) ;
- 9. 成型部分自动抬盒引取装置; (详见注释)
- 10. 胶水粘度自动控制系统(选配); (详见注释)
- 11. 单工位凸轮成型;
- 12. 长边、短边同层包边; 13. 固定式拉模部件;

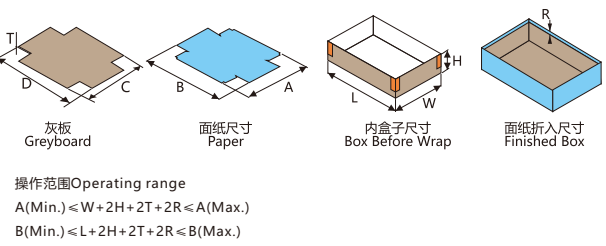
>Features and function:

- 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-hour glue timing heating function;
- 6. Wrapper can input 300 product formulas;
- 7. Corner pasting part with independent man-machine control and heating system; (Details please check the note)
- 8. Photoelectric sensor hydraulic correction positioning system (spotting accuracy ±0.2mm);
- 9. Wrapper can automatic lift and wrap box; (Details please check the note)
- 10. Automatic control system for glue viscosity (optional); (Details please check the note)
- 11. Forming section with Single-station and cam control;
- 12. Long-side and short-side wrapping in same layer;
- 13. Pull mould section is fixed;
- 14. Bottom mould use Piston type;

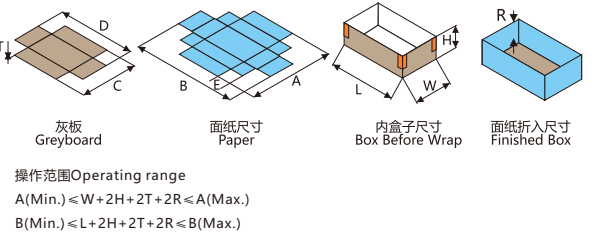
>主要技术参数/Technical parameters

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
折耳尺寸 Paper Corner Edge(E)	最低尺寸H(Min.)	12mm	12mm
	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		6800x4500x3600mm	6800x4530x3600mm

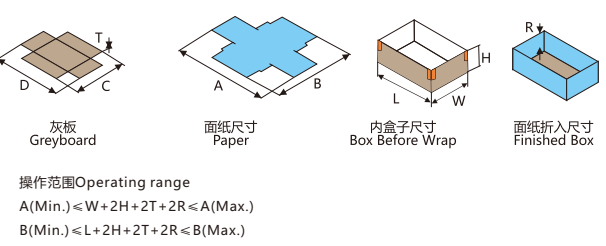
1、标准型天地盖面纸及灰板的尺寸范围(在技术参数上必须满足以下条件, 才能完成产品的制作)。
For standard type boxes, the following technical specifications must be met.



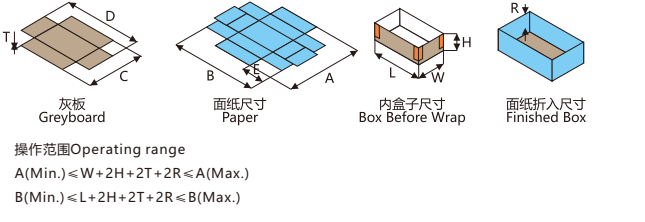
2、对接型天地盖面纸及灰板的尺寸范围(在技术参数上必须满足以下条件, 才能完成产品的制作)。
For special boxes (paper corner edge = half of finished box width), the following technical specifications must be met.



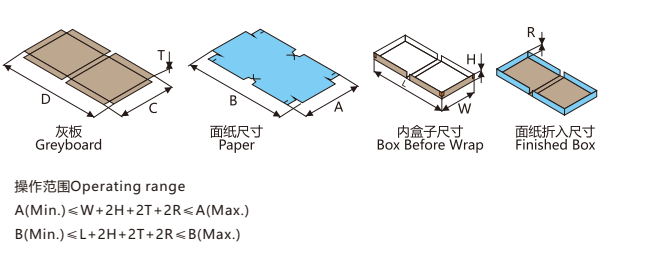
3、包深型天地盖面纸及灰板的尺寸范围(在技术参数上必须满足以下条件,才能完成产品的制作)。
For deep wrapped boxes, the following technical specifications must be met.



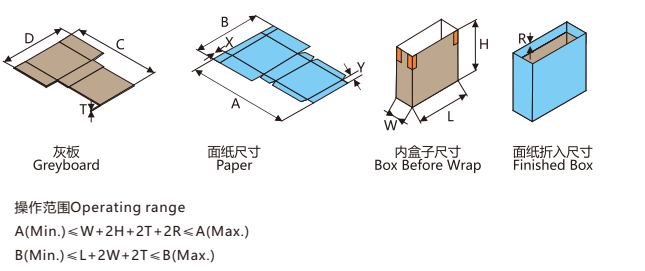
4、对搭折耳型天地盖面纸及灰板的尺寸范围 (在技术参数上必须满足以下条件才能完成产品的制作) 。
For special boxes (paper corner edge = finished box width), the following technical specifications must be met.



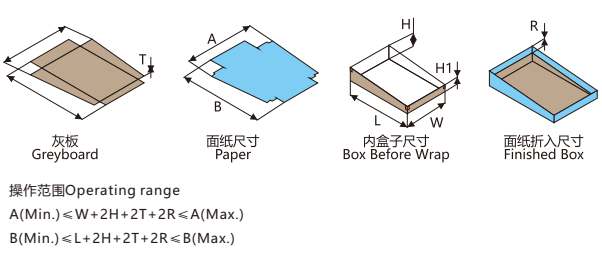
5、连体盒型天地盖面纸及灰板的尺寸范围 (在技术参数上必须满足以下条件才能完成产品的制作) 。
For clamshell boxes, the following technical specifications must be met.



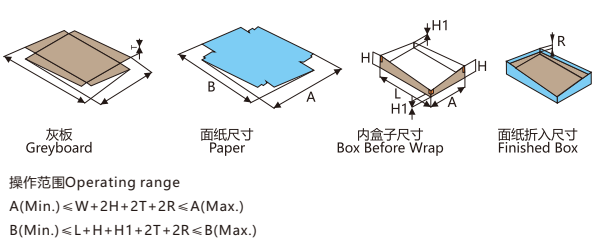
6、书套盒 (T型盒) 面纸及灰板的尺寸范围 (在技术参数上必须满足以下条件才能完成产品的制作) 。
For slip case boxes (T-shape boxes), the following technical specifications must be met.



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



8、对角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



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.

16 ※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.

HM-ZD6435A



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

功能说明 >>> Description

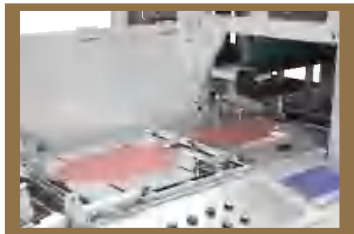
HM-ZD6435A 针对贴卡带凹凸面纸及厚度不一样的面纸进行局部丝印过胶的全自动智能制盒机。适用于手机盒，手表盒，茶叶盒，礼品盒，化妆品盒等等。做盒范围更大，更能满足现代包装市场的需求。整机外观经过全新设计，更加安全及美观。

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±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-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.

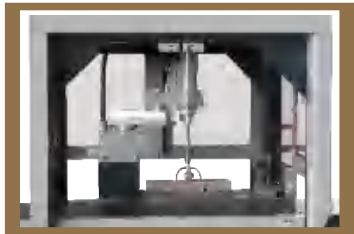
Using the cyclic overturning feeding structure independently developed by Hongming, the automatic feeding of lining can be realized, the double-position of screen printing glue part can realize the partial glue of the paper, and the glue is thin and even. Double color conveyor can avoid changing to other 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 ±0.05mm, 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.



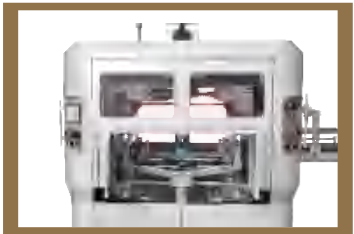
吸纸部分
Suction part



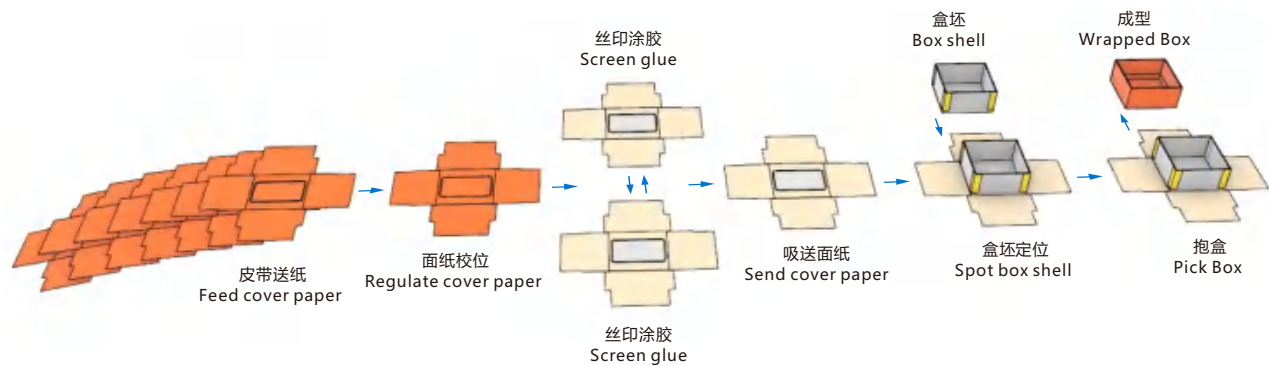
丝印部分
Screen glue part



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（特别适用面纸局部贴卡工艺的产
- 品）；
- 2. 故障诊断功能;
- 3. 背包式送纸方式，解决贴卡后面纸无法堆叠送料功能;
- 4. 丝印涂胶功能，解决贴卡后无法滚筒过胶;
- 5. 图像定位系统及机器人抓取(定位误差±0.05mm); (详见注释)
- 6. 成型部分自动抬盒引取装置; (详见注释)

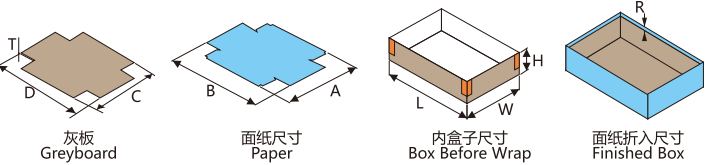
>Features and function:

- 1. It is suitable for the automatic production of all kinds of rigid boxes (especially suitable for products with partial glue on the paper);
- 2. Auto error stop and display;
- 3. The knapsack-style paper feeding method solves the problem that the card paper cannot be stacked and feed;
- 4. Screen printing and gluing function, which solves the problem that the roller cannot pass the glue after the card is pasted;
- 5. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm)(spotting accuracy±0.05mm) ; (Details please check the note)
- 6. Wrapper can automatic lift and wrap box; (Details please check the note)

>主要技术参数/Technical parameters

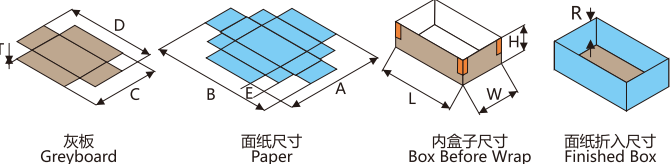
型号 Model		HM-ZD6435A
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	600mm
	最短尺寸B(Min.)	280mm
	最宽尺寸A(Max.)	520mm
	最窄尺寸A(Min.)	150mm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	最长尺寸L(Max.)	350mm
	最短尺寸L(Min.)	60mm
	最宽尺寸W(Max.)	250mm
	最窄尺寸W(Min.)	60mm
	最高尺寸H(Max.)	120mm
面纸厚度 Paper Thickness	最低尺寸H(Min.)	10mm
	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		9100x4800x3200mm

- 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.

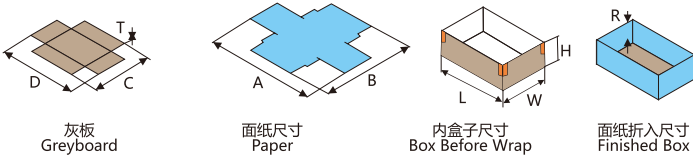


操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

备注/Note:

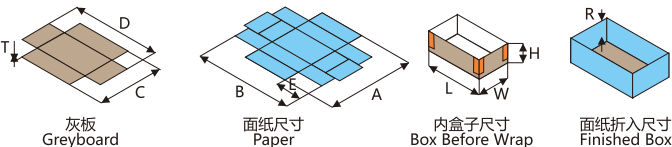
- 1、盒子大小由面纸大小决定；The Finished Box Max. sizes are determined by paper size. $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$; $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$
- 2、生产速度由盒子大小和面纸灰板的材质来决定；
The production speed of the rigid box machine is determined by the box size, the paper 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±0.05MM，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。

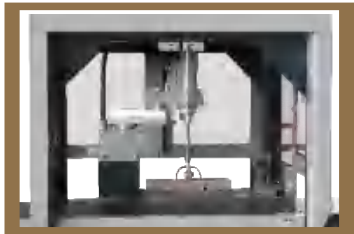
HM-ZD6435B Automatic Rigid Box Machine, designed for the regular-size premium box, which mainly for partial screen glue. It is suitable to make various types of rigid boxes for mass production, such as mobile phone boxes, gift boxes, cosmetic boxes, watch boxes, slanting boxes, etc. Size range is bigger, 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.

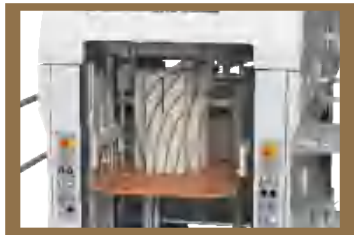
The feeder, the gluer and the conveyor are driven by well known servos which have continuously variable transmission, and enjoys high accuracy, easy adjusting, and high efficiency. The spotting unit adopts camera tracing system and robot arm to pick and spot the greyboard ,enhancing the spotter accuracy to ± 0.05mm, 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.



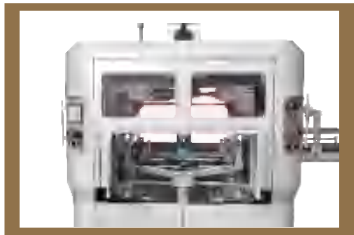
过胶部分
Glue part



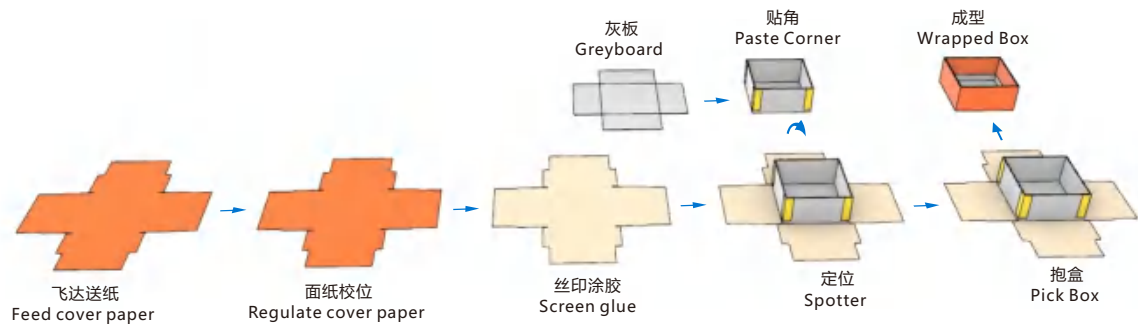
定位部分
Spotter part



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. 自动进纸及拉规标准功能;
- 6. 四角贴角加热单独人机界面控制; (详见注释)
- 7. 图像定位系统及机器人抓取(定位精度±0.05mm); (详见注释)
- 8. 成型部分自动抬盒引取装置; (详见注释)

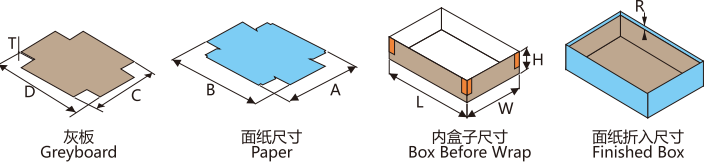
> Features and function:

- 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; (Details please check the note)
- 7. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm)(spotting accuracy±0.05mm); (Details please check the note)
- 8. Wrapper can automatic lift and wrap box; (Details please check the note)

> 主要技术参数/Technical parameters

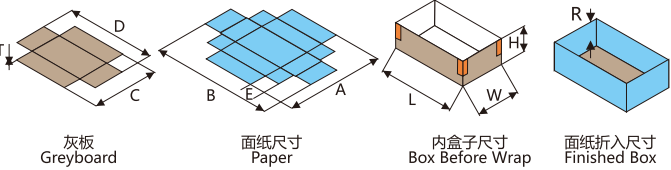
型号 Model		HM-ZD6435B
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	510mm
	最短尺寸D(Min.)	80mm
	最宽尺寸C(Max.)	410mm
	最窄尺寸C(Min.)	70mm
	灰板厚度Thickness (T)	0.5-3mm
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	600mm
	最短尺寸B(Min.)	180mm
	最宽尺寸A(Max.)	420mm
	最窄尺寸A(Min.)	70mm
	面纸厚度Thickness	80-160gsm
盒子尺寸 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.)	90mm
折耳尺寸 Paper Corner Edge(E)	最矮尺寸H(Min.)	10mm
	E	10-90mm
面纸折入深度 Folding in Depth(R)	R	10-90mm
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		7300x4500x3200mm

- 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.

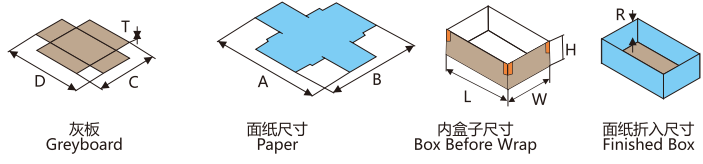


操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

备注/Note:

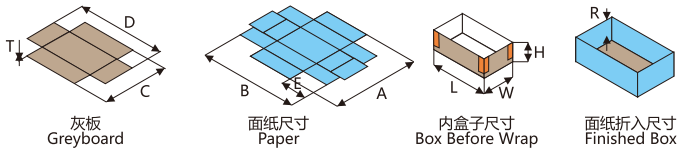
- 1、盒子大小由面纸大小决定; The Finished Box Max. sizes are determined by paper size. $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$; $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$
- 2、生产速度由盒子大小和面纸灰板的材质来决定;
The production speed of the rigid box machine is determined by the box size, the 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±0.05mm，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。

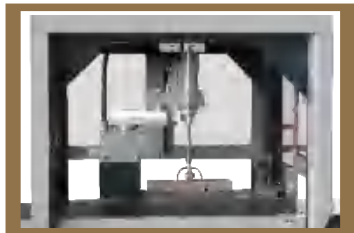
HM-ZD350D Automatic Rigid Box Machine with Double Wrapper, which suitable for medium-size premium boxes in mass production. It is suitable to make various types of rigid boxes such as jewelry boxes, mobile phone boxes, gift boxes, cosmetic boxes, watch boxes, etc. Its maximum length 350mm and maximum 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.

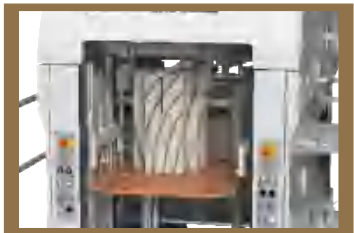
The feeder, the gluer and the conveyor are driven by servos, the machine has continuously variable transmission and enjoys high accuracy, easy adjusting, and less time consumption. The spotting unit adopts camera tracing system and robot arm to pick and spot the greyboard ,enhancing the spotter accuracy to ± 0.05mm. 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



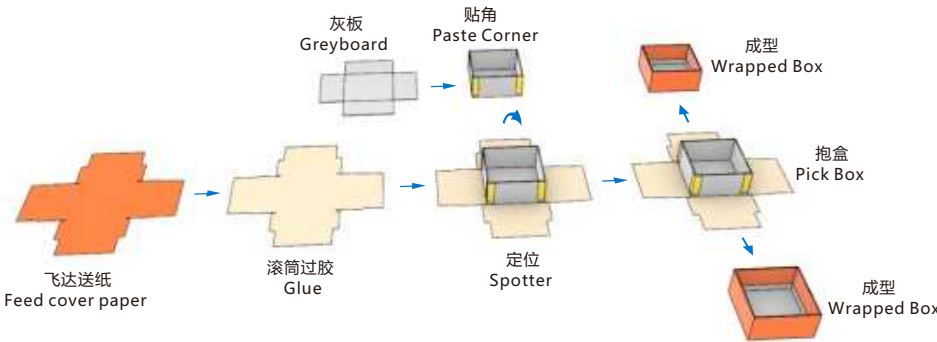
定位部分
Spotter part



贴角部分
Corner pasting part



成型部分
Wrapper part



HM-ZD350D



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小时胶水定时加热功能； 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；（详见注释）
8. 图像定位系统及机器人抓取；（详见注释）
9. 成型部分自动抬盒引取装置；（详见注释）
10. 胶水粘度自动控制系统(选配)；（详见注释）
11. 自动换模功能(选配)；（详见注释）
12. 双工位凸轮成型；（详见注释）
13. 长边、短边分层包边； 14. 拉模部件与主滑块同步；(详见注释)
15. 伺服底模；（详见注释） 16. 出盒方向平行于主输送带；

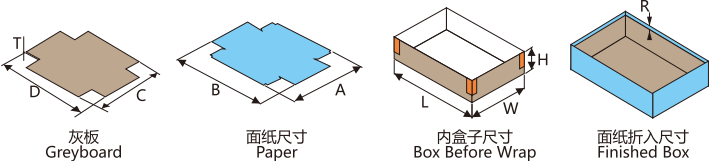
>Features and function:

1. Suit to all kinds of rigid boxes in mass production;
2. Parameters adopts computer digital setting ;
3. Auto error stop and display;
4. Automatic feed paper and greyboard;
5. 24-hour glue timing heating function;
6. Wrapper can input 300 product formulas;
7. Corner pasting part with independent man-machine control and heating system; (Details please check the note)
8. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm); (Details please check the note)
9. Wrapper can automatic lift and wrap box; (Details please check the note)
10. Automatic control system for glue viscosity(optional); (Details please check the note)
11. Digital setting with memory system(optional). (Details please check the note)
12. Forming section with Double-station and cam control; (Details please check the note)
13. Long-side and short-side wrapping in different layer;
14. Main Slider and pull mold section synchronized; (Details please check the note)
15. Bottom Mould controlled by servo motor; (Details please check the note)
16. The box-out direction is parallel to the main conveyor belt;

>主要技术参数/Technical parameters

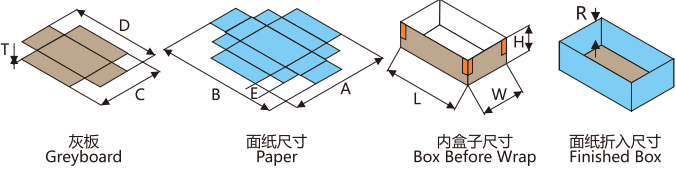
型号 Model		HM-ZD350D
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	510mm
	最短尺寸D(Min.)	80mm
	最宽尺寸C(Max.)	410mm
	最窄尺寸C(Min.)	70mm
	灰板厚度Thickness (T)	0.5-3mm
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	600mm
	最短尺寸B(Min.)	180mm
	最宽尺寸A(Max.)	455mm
	最窄尺寸A(Min.)	70mm
	面纸厚度Thickness	80-160gsm
盒子尺寸 Finished 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
折耳尺寸 Paper Corner Edge(E)	最矮尺寸H(Min.)	10mm
	E	10-90mm
面纸折入深度 Folding in Depth(R)	R	10-80mm
面纸堆台最高 Paper Pile Height Max.		750mm
灰板堆台最高 Greyboard Pile Height Max.		850mm
胶桶容量 Glue Tank Volume		20L
气源压力 Air Supply		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.

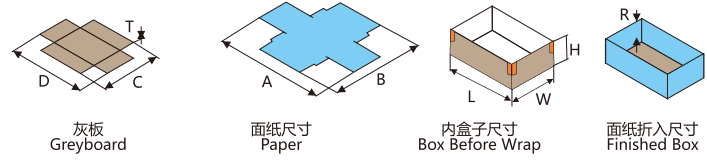


操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

备注/Note:

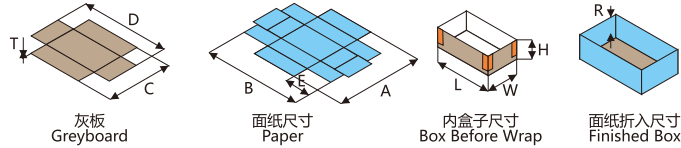
- 1、盒子大小由面纸大小决定；The Finished Box Max. sizes are determined by paper size.
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$; $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$
- 2、最大和最小尺寸不能同时满足； Either the Max. Sizes or the Min. Sizes can not be fulfilled on the same box.
- 3、做高度110mm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的全自动智能制盒机。适用于多种盒型的大量生产，如高档珠宝盒、手机盒、首饰盒、礼品盒、化妆品盒、手表盒等等，最大能到350mm长，250mm宽。做盒范围更大，更能满足现代包装市场的需求。整机外观经过全新设计，更加安全及美观。

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

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

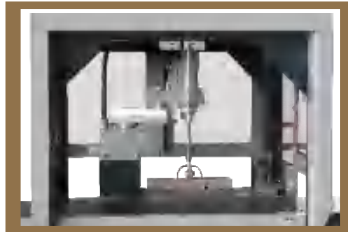
HM-ZD350K Automatic rigid box machine is for making premium boxes of regular size, which is digital setting with memory system. It is suitable for mass production of various box types, such as high-end jewelry boxes, mobile phone boxes, jewelry boxes, gift boxes, cosmetics boxes, watch boxes etc, the 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 ±0.05mm. The forming unit adopts Japan THK linear slider and virtual electronic cam driving system, guaranteeing the stable quality and fluent movement and enlarge the folding-in depth and corner edges.



过胶部分
Glue part



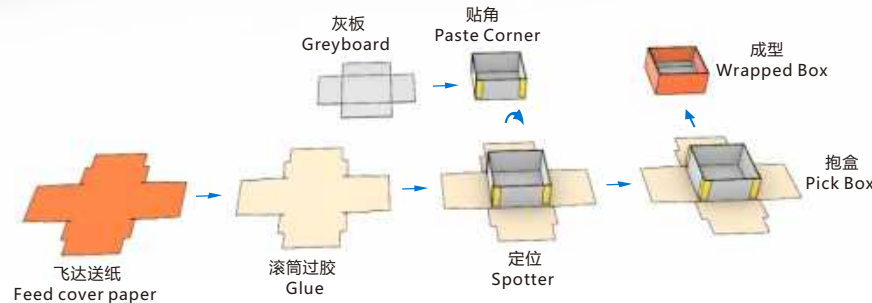
定位部分
Spotter part



贴角部分
Corner pasting part



成型部分
Wrapper part



HM-ZD350K



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小时胶水定时加热功能; 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; (详见注释)
- 8. 图像定位系统及机器人抓取; (详见注释)
- 9. 成型部分自动抬盒引取装置; (详见注释)
- 10. 胶水粘度自动控制系统(选配); (详见注释)
- 11. 单工位凸轮成型;
- 12. 长边、短边分层包边; 13. 拉模部件与主滑块同步; (详见注释)
- 14. 伺服底模; (详见注释) 15. 出盒方向垂直于主输送带;

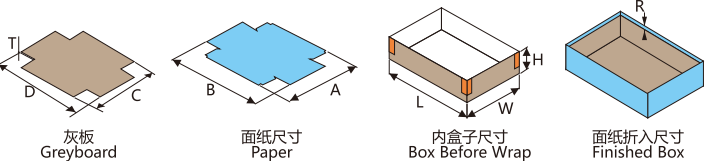
>Features and function:

- 1. Suit to all kinds of rigid boxes in mass production;
- 2. Parameters adopts computer digital setting;
- 3. Auto error stop and display;
- 4. Automatic feed paper and greyboard;
- 5. 24-hour glue timing heating function;
- 6. Wrapper can input 300 product formulas;
- 7. Corner pasting part with independent man-machine control and heating system; (Details please check the note)
- 8. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm); (Details please check the note)
- 9. Wrapper can automatic lift and wrap box;(Details please check the note)
- 10. Automatic control system for glue viscosity (optional); (Details please check the note)
- 11. Forming section with Single-station and cam control;
- 12. Long-side and short-side wrapping in different layer;
- 13. Main Slider and pull mold section synchronized; (Details please check the note)
- 14. Bottom Mould controlled by servo motor; (Details please check the note)

> 主要技术参数/Technical parameters

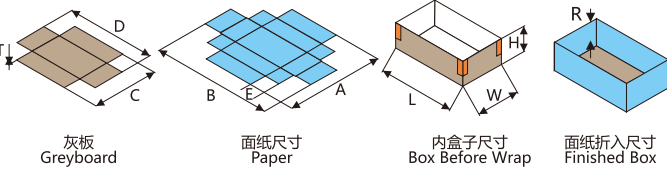
型号 Model		HM-ZD350K(1)	HM-ZD350K(2)
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	510mm	510mm
	最短尺寸D(Min.)	80mm	80mm
	最宽尺寸C(Max.)	410mm	410mm
	最窄尺寸C(Min.)	70mm	70mm
	灰板厚度Thickness (T)	0.5-3mm	0.5-3mm
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	600mm	600mm
	最短尺寸B(Min.)	180mm	110mm
	最宽尺寸A(Max.)	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
折耳尺寸 Paper Corner Edge(E)	最矮尺寸H(Min.)	10mm	10mm
	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		≤30pcs/min	≤30pcs/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
一机器尺寸 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.

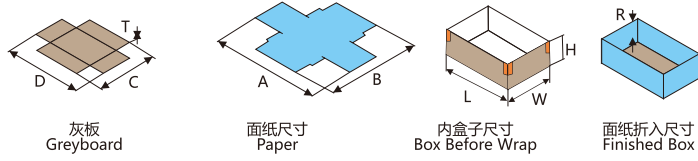


操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

备注/Note:

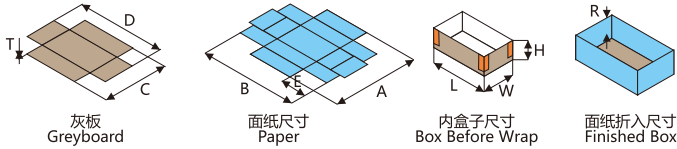
- 1、盒子大小由面纸大小决定; The finished Box Max sizes are determined by paper size.
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$; $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$
- 2、最大和最小尺寸不能同时满足; Either the Max. Sizes or the Min. Sizes can not be fulfilled on the same box.
- 3、做高度110mm的盒子时，盒子的长度需>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
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

32 ※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.

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品牌伺服驱动，可无极变速，高精度，易调节，省时间；定位部分采用图像定位系统及机器人抓取部件，提高定位精度及效率，误差范围在±0.05mm，且速度更快；成型机采用日本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。

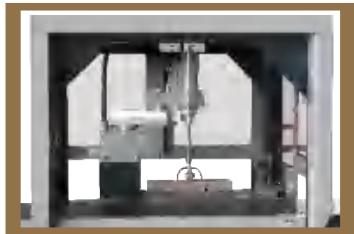
HM-ZD350A/HM-ZD350J is suitable to make various types of rigid boxes such as jewelry boxes, mobile phone boxes, gift boxes, cosmetic boxes, watch boxes, slanting box etc. Its maximum length 350mm and maximum width 250mm, Size range is bigger, more suitable for current packaging market. Machine's appearance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

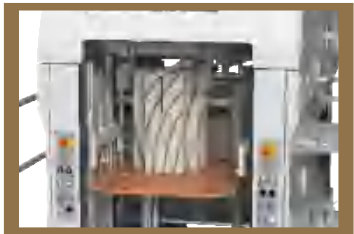
The feeder, the gluer and the conveyor are driven by servos, the machine has continuously variable transmission and enjoys high accuracy, easy adjusting, and efficiency. The spotting unit adopts camera tracing system and robot arm to pick and spot the greyboard ,enhancing the spotter accuracy to ± 0.05mm. 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



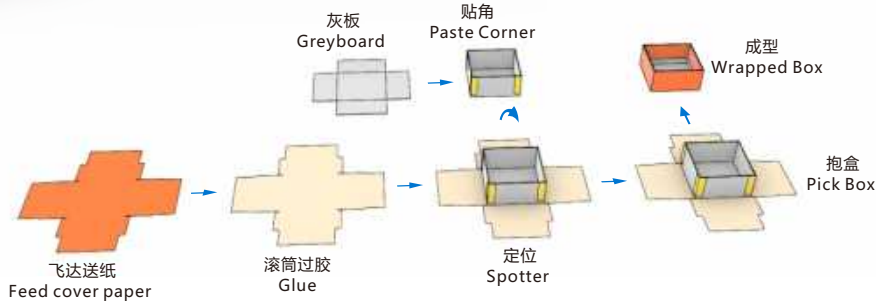
定位部分
Spotter part



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小时胶水定时加热功能； 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；（详见注释）
- 8. 图像定位系统及机器人抓取；（详见注释）
- 9. 成型部分自动拾盒引取装置；（详见注释）
- 10. 胶水粘度自动控制系统(选配)；（详见注释）
- 11. 自动换模功能(选配)；（详见注释） 12. 单工位凸轮成型；
- 13. 长边、短边同层包边； 14. 固定式拉模部件；
- 15. 活塞式底模； 16. 出盒方向垂直于主输送带；

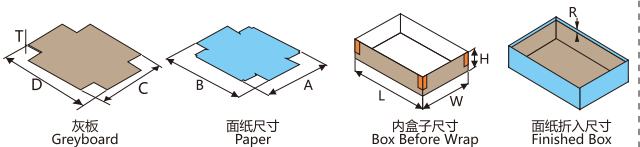
>Features and function:

- 1. Suit to all kinds of rigid boxes in mass production;
- 2. Parameters adopts computer digital setting;
- 3. Auto error stop and display;
- 4. Automatic feed paper and greyboard;
- 5. 24-hour glue timing heating function;
- 6. Wrapper can input 300 product formulas;
- 7. Corner pasting part with independent man-machine control and heating system; (Details please check the note)
- 8. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm); (Details please check the note)
- 9. Wrapper can automatic lift and wrap box; (Details please check the note)
- 10. Automatic control system for glue viscosity (optional); (Details please check the note)
- 11. Digital setting with memory system(optional); (Details please check the note)
- 12. Forming section with Single-station and cam control;
- 13. Long-side and short-side wrapping in same layer;
- 14. Pull mould section is fixed;
- 15. Bottom mould use Piston type;

>主要技术参数/Technical parameters

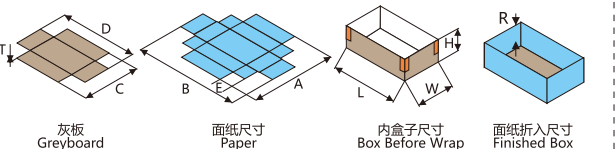
型号 Model		HM-ZD350A	HM-ZD350J
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	510mm	510mm
	最短尺寸D(Min.)	80mm	65mm
	最宽尺寸C(Max.)	410mm	410mm
	最窄尺寸C(Min.)	70mm	55mm
	灰板厚度Thickness (T)	0.5-3mm	0.5-3mm
面纸尺寸 Paper Size (B=Length, A=Width)	最长尺寸B(Max.)	600mm	600mm
	最短尺寸B(Min.)	180mm	110mm
	最宽尺寸A(Max.)	455mm	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
折耳尺寸 Paper Corner Edge(E)	最矮尺寸H(Min.)	10mm	10mm
	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		≤30pcs/min	≤30pcs/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
一机器尺寸 Machine Dimension		5500x4500x3200mm	5500x4500x3000mm

- 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.



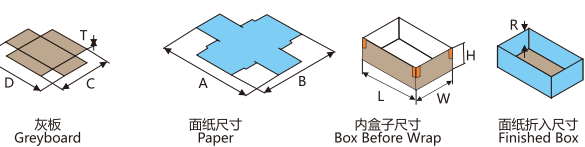
操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

- 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.



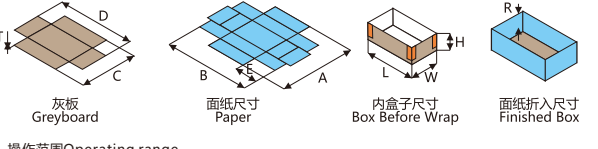
操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

- 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.



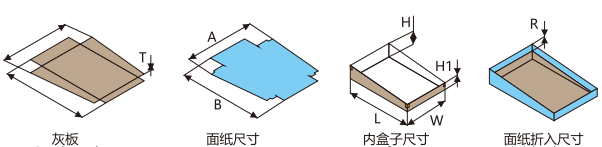
操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

- 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±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

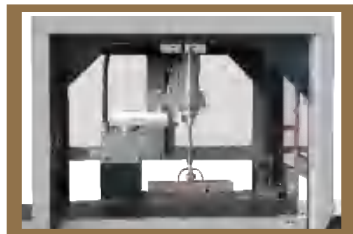
HM-ZD350K-B Automatic rigid box machine with multi-function is specially designed for boxes with (thin) tray and regular rigid boxes' production , allows to add the optional function of sticking magnets. It is suitable for mass production of various box types, such as boxes with tray, premium jewelry 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 ±0.05mm, 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



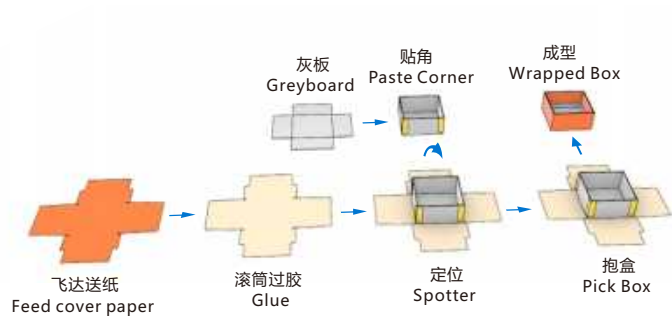
定位部分
Spotter part



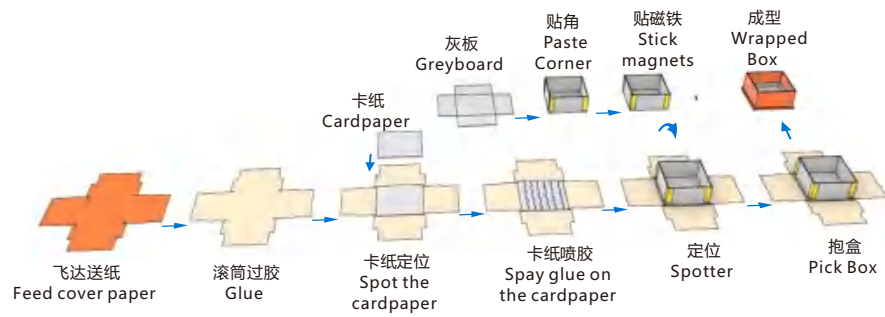
贴角部分
Corner pasting part



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小时胶水定时加热功能；
- 7. 图像定位系统及机器人抓取(定位误差±0.05mm)；（详见注释）
- 8. 成型部分自动抬盒引取装置；（详见注释）

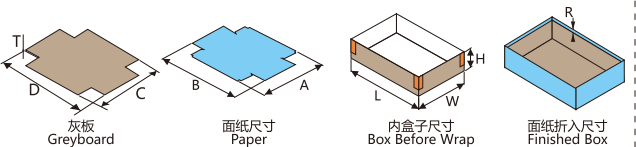
>Features and function:

- 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-hour glue timing heating function;
- 7. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm)(spotting accuracy ±0.05mm); (Details please check the note)
- 8. Wrapper can automatic lift and wrap box; (Details please check the note)

>主要技术参数/Technical parameters

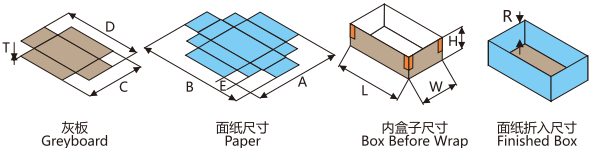
型号 Model	HM-ZD350K-B	
面纸尺寸 Paper Size (D=Length, C=Width)	最长尺寸D(Max.)	600mm
	最短尺寸D(Min.)	110mm
	最宽尺寸C(Max.)	455mm
	最窄尺寸C(Min.)	70mm
盒子尺寸(不带侧面贴磁铁功能时) Finished Box Size(Without magnet installing function) (L=Length, W=Width,H=Height)	最长尺寸L(Max.)	350mm
	最短尺寸L(Min.)	40mm
	最宽尺寸W(Max.)	250mm
	最窄尺寸W(Min.)	40mm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



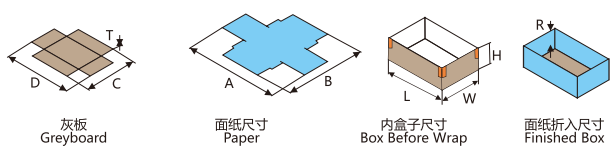
操作范围Operating range
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

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.



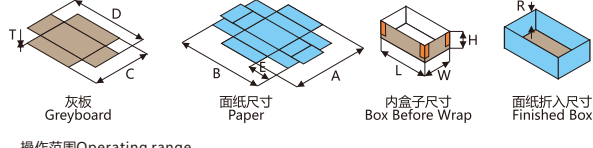
操作范围Operating range
A(Min.) ≤ W + 2H + 2T + 2R ≤ A(Max.)
B(Min.) ≤ L + 2H + 2T + 2R ≤ B(Max.)

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	9500x4500x3200mm

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

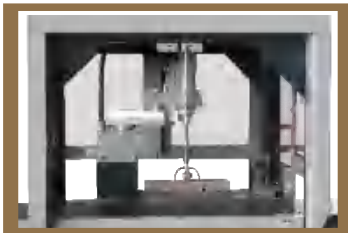
HM-ZD350K-S Automatic Rigid Box Machine is a multi-functional automatic intelligent equipment for the regular size premium box, which is designed to highlight both the roller glue and the screen glue. It is suitable to make various types of rigid boxes for mass production, such as jewelry boxes, mobile 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



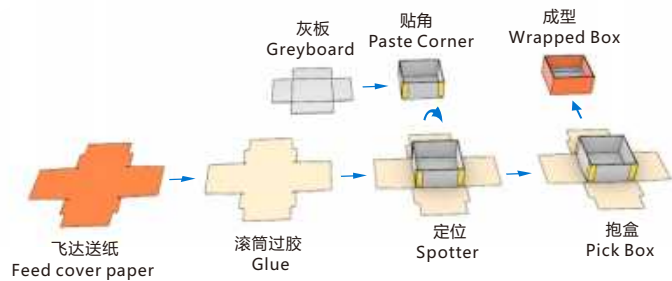
定位部分
Spotter part



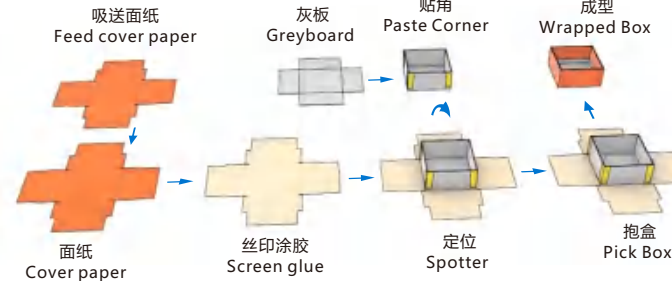
贴角部分
Corner pasting part



成型部分
Wrapper part



Process (1)



Process (2)

HM-ZD350K-S



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小时胶水定时加热功能;
- 6. 图像定位系统及机器人抓取(定位误差±0.05mm); （详见注释）
- 7. 成型部分自动抬盒引取装置; （详见注释）
- 8. 胶水粘度自动控制系统（选配）; （详见注释）

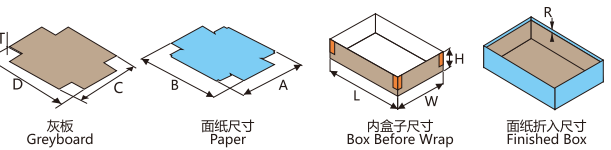
>Features and function:

- 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 glue timing heating function;
- 6. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm)(Spotting accuracy ± 0.05mm); (Details please check the note)
- 7. Wrapper can automatic lift and wrap box; (Details please check the note)
- 8. Automatic control system for glue viscosity(optional); (Details please check the note)

>主要技术参数/Technical parameters

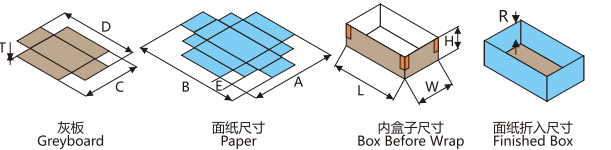
型号 Model	HM-ZD350K-S	
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	510mm
	最短尺寸D(Min.)	80mm
	最宽尺寸C(Max.)	410mm
	最窄尺寸C(Min.)	70mm
	灰板厚度Thickness (T)	0.5-3mm
面纸尺寸 (滚筒过胶) Paper Size(Roller glue) (B=Length, A=Width)	最长尺寸B(Max.)	600mm
	最短尺寸B(Min.)	180mm
	最宽尺寸A(Max.)	455mm
	最窄尺寸A(Min.)	70mm
	面纸厚度Thickness	80-160gsm
面纸尺寸 (丝印过胶) Paper Size(Screen Glue) (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
	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.)	90mm
面纸折入深度Folding-in Depth (R)	最矮尺寸H(Min.)	10mm
折耳尺寸 Paper Corner Edge(E)	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.



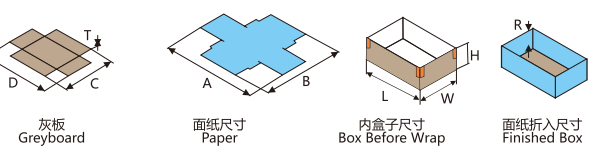
操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

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.



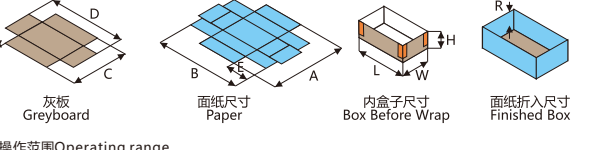
操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

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

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)

>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	9500x4500x3200mm

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。

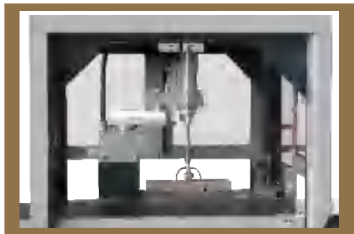
HM-ZD350K-C Automatic Rigid Box Machine is a multi-functional automatic intelligent equipment designed specially for boxes with (thick) tray and various of premium boxes in mass production, such as boxes with tray, high-grade jewelry boxes, mobile phone boxes, gift boxes, cosmetic boxes, watch boxes, 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.



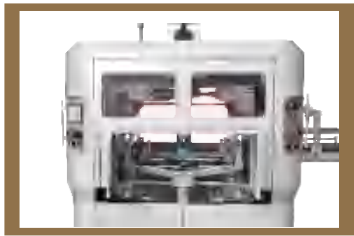
过胶部分
Glue part



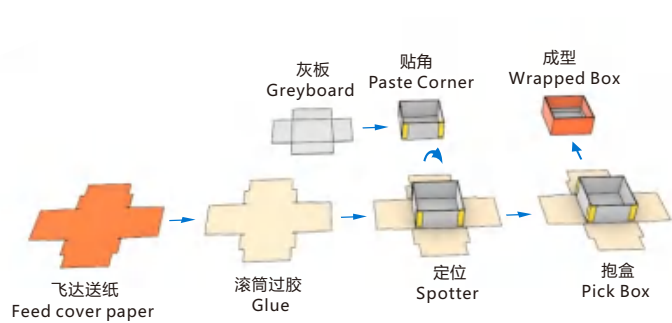
定位部分
Spotter part



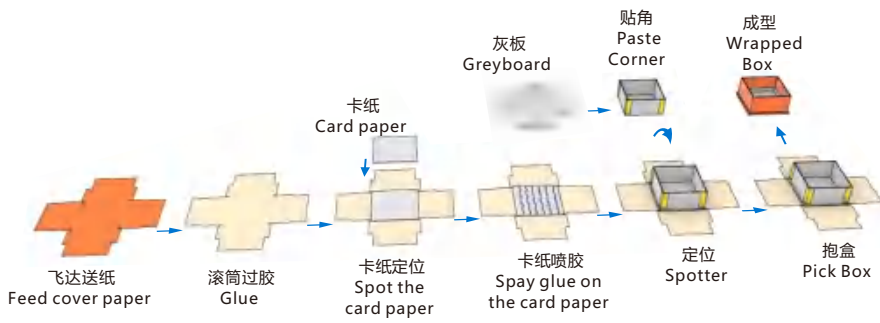
贴角部分
Corner pasting part



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小时胶水定时加热功能;
- 6. 图像定位系统及机器人抓取(定位误差±0.05mm); (详见注释)
- 7. 成型部分自动抬盒引取装置; (详见注释)
- 8. 胶水粘度自动控制系统 (选配); (详见注释)

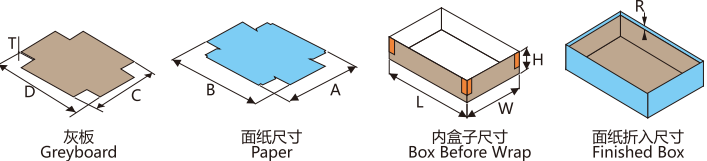
>Features and function:

- 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 glue timing heating function;
- 6. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm) (spotting accuracy±0.05mm); (Details please check the note)
- 7. Wrapper can automatic lift and wrap box; (Details please check the note)
- 8. Automatic control system for glue viscosity(optional); (Details please check the note)

>主要技术参数/Technical parameters

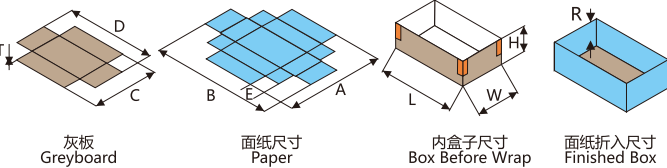
型号 Model	HM-ZD350K-C	
面纸尺寸 Paper Size (D=Length, C=Width)	最长尺寸D(Max.)	600mm
	最短尺寸D(Min.)	110mm
	最宽尺寸C(Max.)	455mm
	最窄尺寸C(Min.)	70mm
	盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	
	最长尺寸L(Max.)	350mm
	最短尺寸L(Min.)	50mm
	最宽尺寸W(Max.)	250mm
	最窄尺寸W(Min.)	40mm
	最高尺寸H(Max.)	90mm
贴板尺寸 Bottom Board Size (L=Length W=Width)	最矮尺寸H(Min.)	10mm
	最长尺寸L(Max.)	500mm
	最短尺寸L(Min.)	45mm
	最宽尺寸W(Max.)	300mm
	最窄尺寸W(Min.)	45mm
喷胶尺寸 (Glue Spray Size)	最长尺寸H(Max.)	300mm
灰板厚度 Greyboard Thickness(T)	最短尺寸H(Min.)	300mm
面纸厚度 Paper Thickness	T	0.5-3mm
折耳尺寸 Paper Corner Edge(E)		80-160gsm
面纸折入深度 Folding in Depth(R)	E	10-90mm
面纸堆台最高 Paper Pile Height Max.	R	8-80mm
气源压力 Air Supply		600mm
生产速度 Speed		480L/min, 0.8MPa
总功率 Power /电压 Voltage		≤25pcs/min
耗电量 Power Consumption		42kW/AC380V
机器净重 Net Weight		11kW/h
一机器尺寸 Machine Dimension		4000kg
		9500x4500x3200mm

- 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.

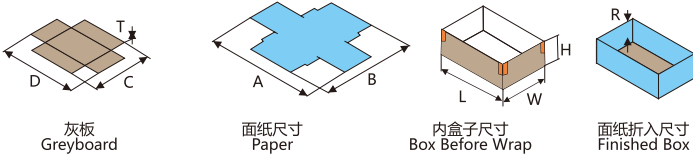


操作范围Operating range
 $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$
 $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$

备注/Note:

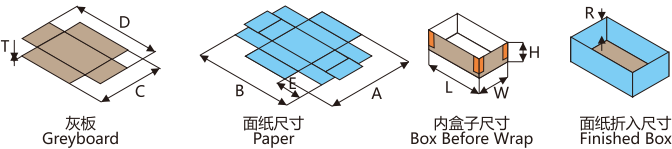
- 1. 盒子大小由面纸大小决定; The Finished Box Max. sizes are determined by paper size. $A(\text{Min.}) \leq W + 2H + 2T + 2R \leq A(\text{Max.})$; $B(\text{Min.}) \leq L + 2H + 2T + 2R \leq B(\text{Max.})$
- 2. 生产速度由盒子大小和面纸灰板的材质来决定;
The production speed of the rigid box machine is determined by the box size, the 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-ZD2418/HM-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±0.05mm；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 ±0.05mm. 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



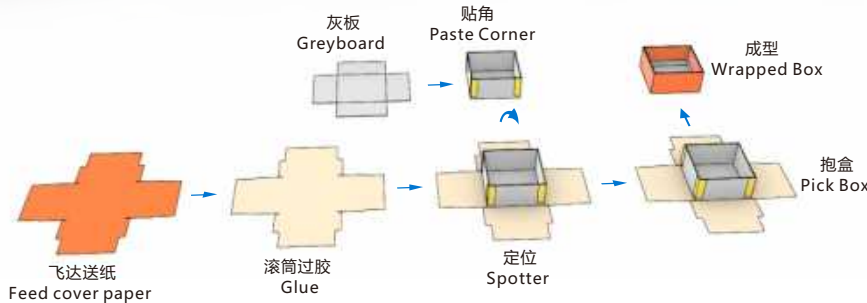
定位部分
Spotter part



贴角部分
Corner pasting part



成型部分
Wrapper part



HM-ZD2418/HM-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小时胶水定时加热功能;
- 6. 四角贴角加热单独人机界面控制; (详见注释)
- 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); (详见注释)
- 9. 纸盒自动抬盒引取装置; (详见注释)
- 10. 胶水粘度自动控制系统(选配); (详见注释)
- 11. 单工位凸轮成型;
- 12. 长边、短边同层包边;
- 13. 固定式拉模部件;
- 14. 活塞式底模;
- 15. 出盒方向垂直于主输送带;

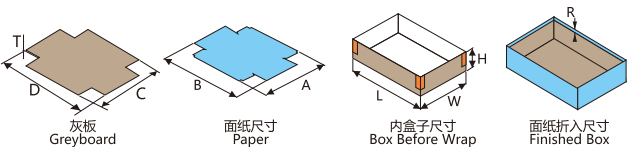
>Features and function:

- 1. Suit to all kinds of rigid boxes in mass production;
- 2. Parameters adopts computer digital setting;
- 3. Auto error stop and display;
- 4. Automatically feed paper and greyboard;
- 5. 24-hour glue timing heating function;
- 6. Corner pasting part with independent man-machine control and heating system; (Details please check the note)
- 7. Adopt servo and PLC control;
- 8. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm)(spotting accuracy ±0.05mm); (Details please check the note)
- 9. Wrapper can automatic lift and wrap box; (Details please check the note)
- 10. Automatic control system for glue viscosity (optional); (Details please check the note)
- 11. Forming section with Single-station and cam control;
- 12. Long-side and short-side wrapping in same layer;
- 13. Pull mould section is fixed;
- 14. Bottom mould use Piston type;
- 15. The box-out direction is parallel to the main conveyor belt;

>主要技术参数/Technical parameters

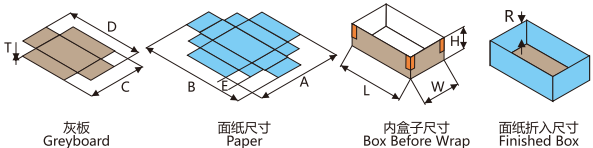
型号 Model		HM-ZD2418	HM-ZD2418PLUS
灰板尺寸 Greyboard Size (D=Length, C=Width)	最长尺寸D(Max.)	400mm	510mm
	最短尺寸D(Min.)	65mm	65mm
	最宽尺寸C(Max.)	320mm	410mm
	最窄尺寸C(Min.)	55mm	55mm
面纸尺寸 Paper Size (B=Length, A=Width)	灰板厚度Thickness (T)	0.5-3mm	0.5-3mm
	最长尺寸B(Max.)	450mm	600mm
	最短尺寸B(Min.)	110mm	110mm
	最宽尺寸A(Max.)	305mm	455mm
	最窄尺寸A(Min.)	70mm	70mm
	面纸厚度Thickness	80-160gsm	80-160gsm
	最长尺寸L(Max.)	240mm	350mm
盒子尺寸 Finished Box Size (L=Length W=Width H=Height)	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
折耳尺寸 Paper Corner Edge(E)	最低尺寸H(Min.)	10mm	10mm
	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.



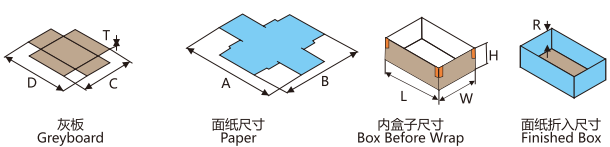
操作范围Operating range
A(Min.)≤W+2H+2T+2R≤A(Max.)
B(Min.)≤L+2H+2T+2R≤B(Max.)

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.



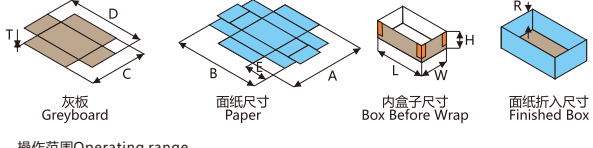
操作范围Operating range
A(Min.)≤W+2H+2T+2R≤A(Max.)
B(Min.)≤L+2H+2T+2R≤B(Max.)

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.



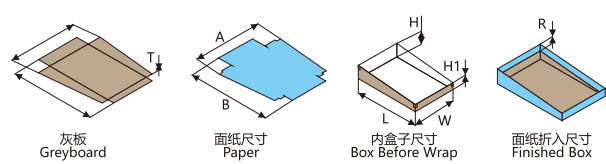
操作范围Operating range
A(Min.)≤W+2H+2T+2R≤A(Max.)
B(Min.)≤L+2H+2T+2R≤B(Max.)

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±0.2MM；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。

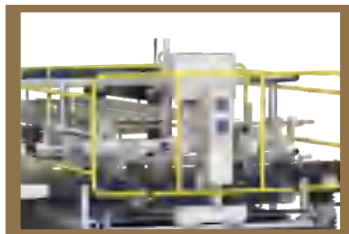
HM-ZD600B Automatic Rigid Box Machine for large-size rigid box. It is mainly used for mass production of various premium boxes, such as shoe boxes, mobile phone boxes, shirt boxes, toy boxes, and tea boxes ,etc.

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.

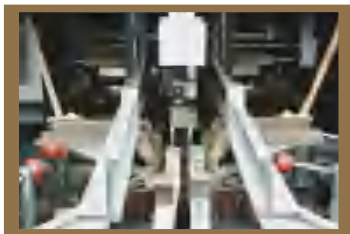
The feeder, the gluer and the conveyor are driven by servo system, which have continuously variable transmission and enjoy high accuracy, easy adjusting, efficiency. Double colors conveyor can save the time for changing to other color belt, which is Hongming's patent. The spotting unit adopts Switzerland micro throttle valve, lead-screw for rectifying, enhancing the spotting accuracy to ±0. 2mm. 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

54 ※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.

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

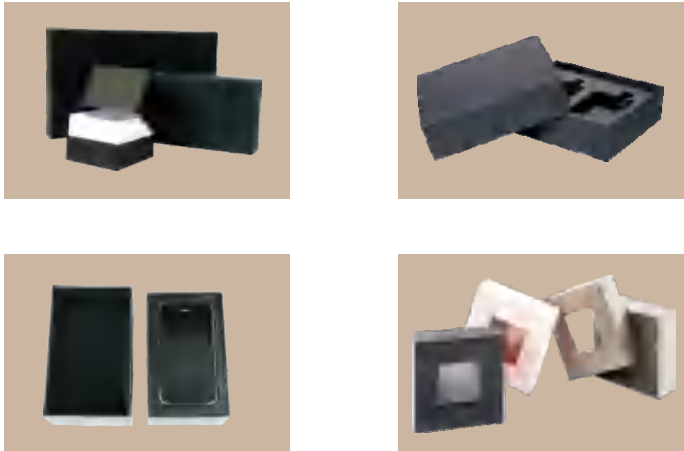
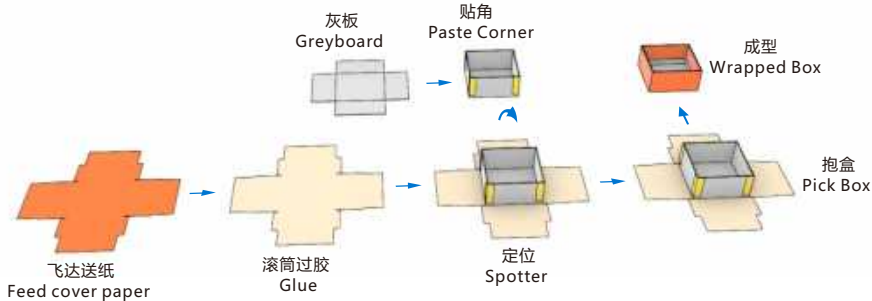
>机组特点和标准配置

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小时胶水定时加热功能;
5. 四角贴角加热单独人机界面控制; （详见注释）
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; （详见注释）
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); （详见注释）
11. 单工位凸轮成型;
12. 长边、短边同层包边;
13. 固定式拉模部件;
14. 活塞式底模;
15. 出盒方向垂直于主输送带;

>Features and function:

1. Suit to all kinds of rigid boxes in mass production;
2. Computer control with error auto stop and display;
3. Automatic feed paper and greyboard;
4. 24-hour glue timing heating function;
5. Corner pasting part with independent man-machine control and heating system; (Details please check the note)
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; (Details please check the note)
9. Remodel for irregular boxes and plastic boxes (optional);
10. Automatic control system for glue viscosity (optional); (Details please check the note)
11. Forming section with Single-station and cam control;
12. Long-side and short-side wrapping in same layer;
13. Pull mould section is fixed;
14. Bottom mould use Piston type;
15. The box-out direction is parallel to the main conveyor belt;

>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
折耳尺寸 Paper Corner Edge(E)	最低尺寸H(Min.)	12mm
	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		7000x4500x3500mm

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45x45x35mm，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.

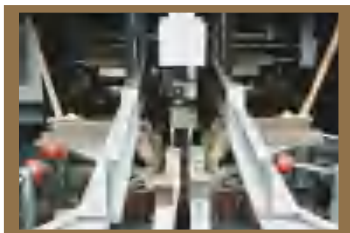
The feeder, the gluer and the conveyor are driven by servo system which has continuously variable transmission and enjoys high accuracy, easy adjusting, and efficiency . Double colors conveyor can save the time for changing to other color belt, which is Hongming’ s patent. The spotting unit adopts Germany 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.



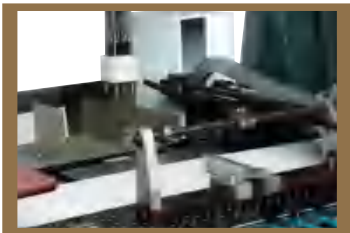
过胶部分
Glue part



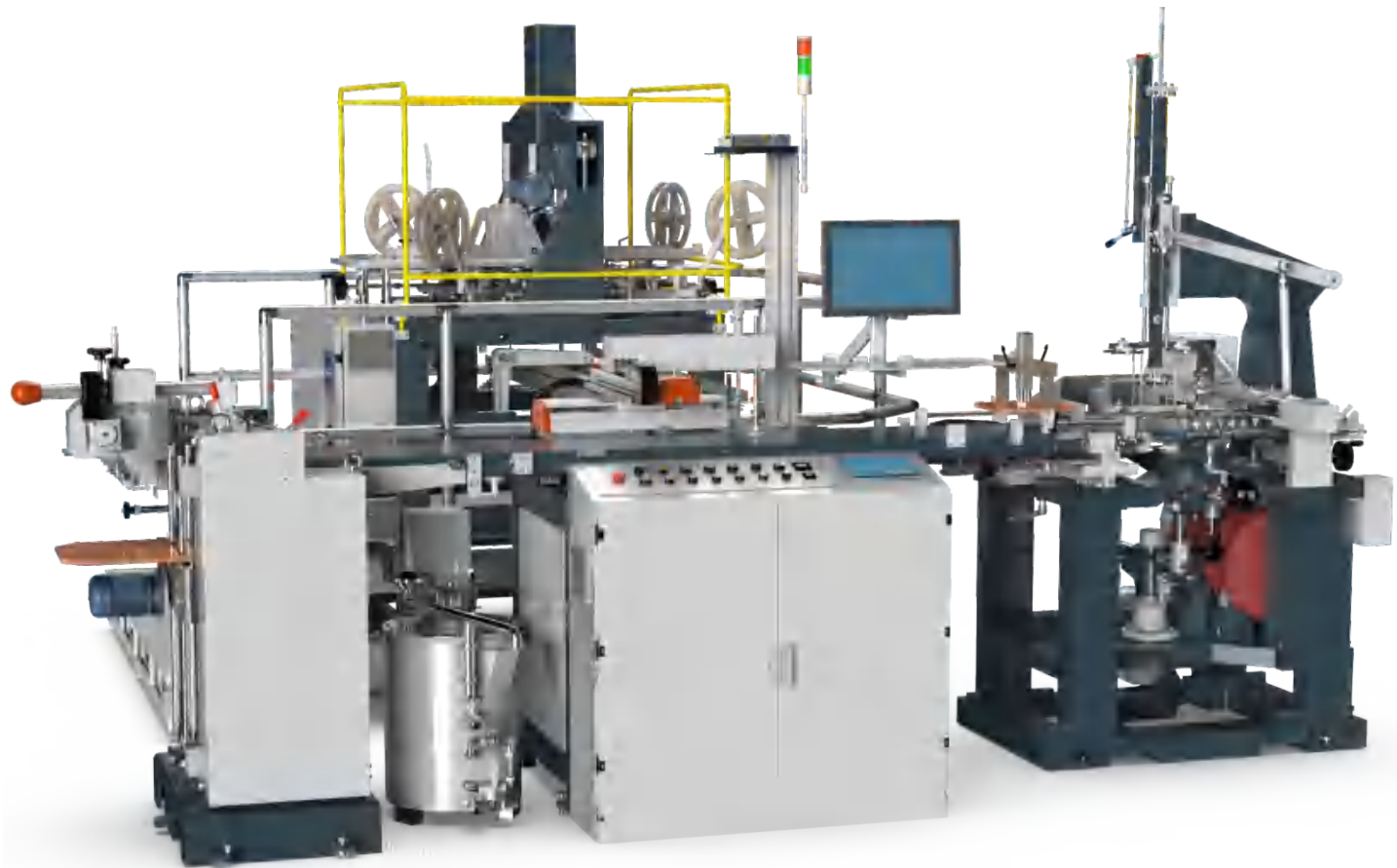
定位部分
Spotter part



贴角部分
Corner pasting part



成型部分
Wrapper part



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

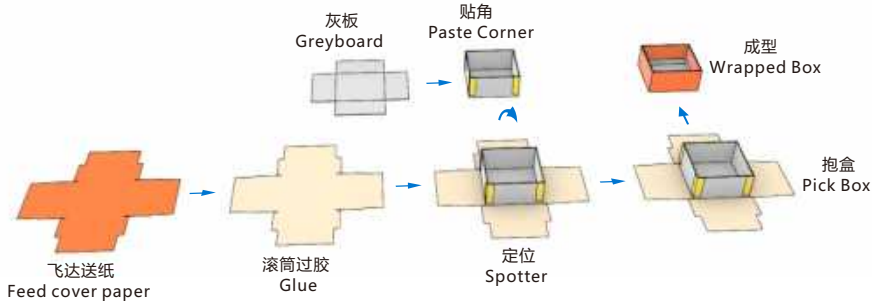
>机组特点和标准配置

- 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小时胶水定时加热功能;
- 5. 四角贴角加热单独人机界面控制; (详见注释)
- 6. 整机采用日本松下PLC和人机控制系统;
- 7. 图像定位系统及机器人抓取(定位误差±0.05mm); (详见注释)
- 8. 成型部位自动引取装置; (详见注释)
- 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); (详见注释)
- 11. 单工位凸轮成型;
- 12. 长边、短边同层包边;
- 13. 固定式拉模部件;
- 14. 活塞式底模;
- 15. 出盒方向垂直于主输送带;

>Features and function:

- 1. Suit to all kinds of rigid boxes in mass production;
- 2. Computer control with error auto stop and display;
- 3. Automatically feed paper and greyboard;
- 4. 24-hour glue timing heating function;
- 5. Corner pasting part with independent man-machine control and heating system; (Details please check the note)
- 6. Adopts Japanese Panasonic PLC and man-machine control system;
- 7. Spotter by camera tracing system and SCARA (Selective Compliance Assembly Robot Arm)(spotting accuracy ±0.05mm); (Details please check the note)
- 8. Wrapper can automatically and continually deliver box, wrap paper, fold corner edge, fold in and form box; (Details please check the note)
- 9. Remodel for irregular boxes and plastic boxes (optional);
- 10. Automatic control system for glue viscosity (optional); (Details please check the note)
- 11. Forming section with Single-station and cam control;
- 12. Long-side and short-side wrapping in same layer;
- 13. Pull mould section is fixed;
- 14. Bottom mould use Piston type;
- 15. The box-out direction is parallel to the main conveyor belt;

>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.)	45mm
	最宽尺寸W(Max.)	160mm
	最窄尺寸W(Min.)	35mm
	最高尺寸H(Max.)	80mm
折耳尺寸 Paper Corner Edge(E)	最低尺寸H(Min.)	10mm
	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		4500x4500x2700mm

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)

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

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



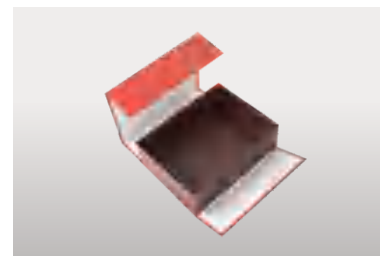
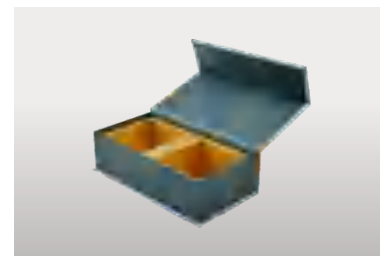
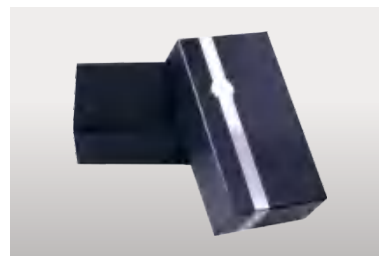
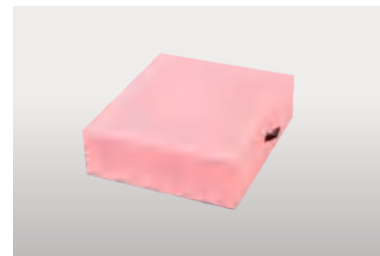
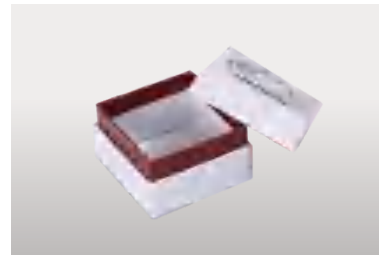
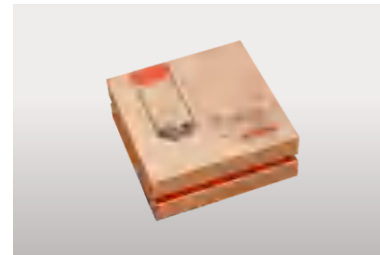
我们的相关机器设备可以用来制造各种不同的天地盖盒子，主要应用到制造礼品盒、手机盒、珠宝盒、化妆品盒，服饰盒以及其他各种不同的盒子。

我们不仅仅为客户提供质量稳定的机械设备还提供全面的解决方案。

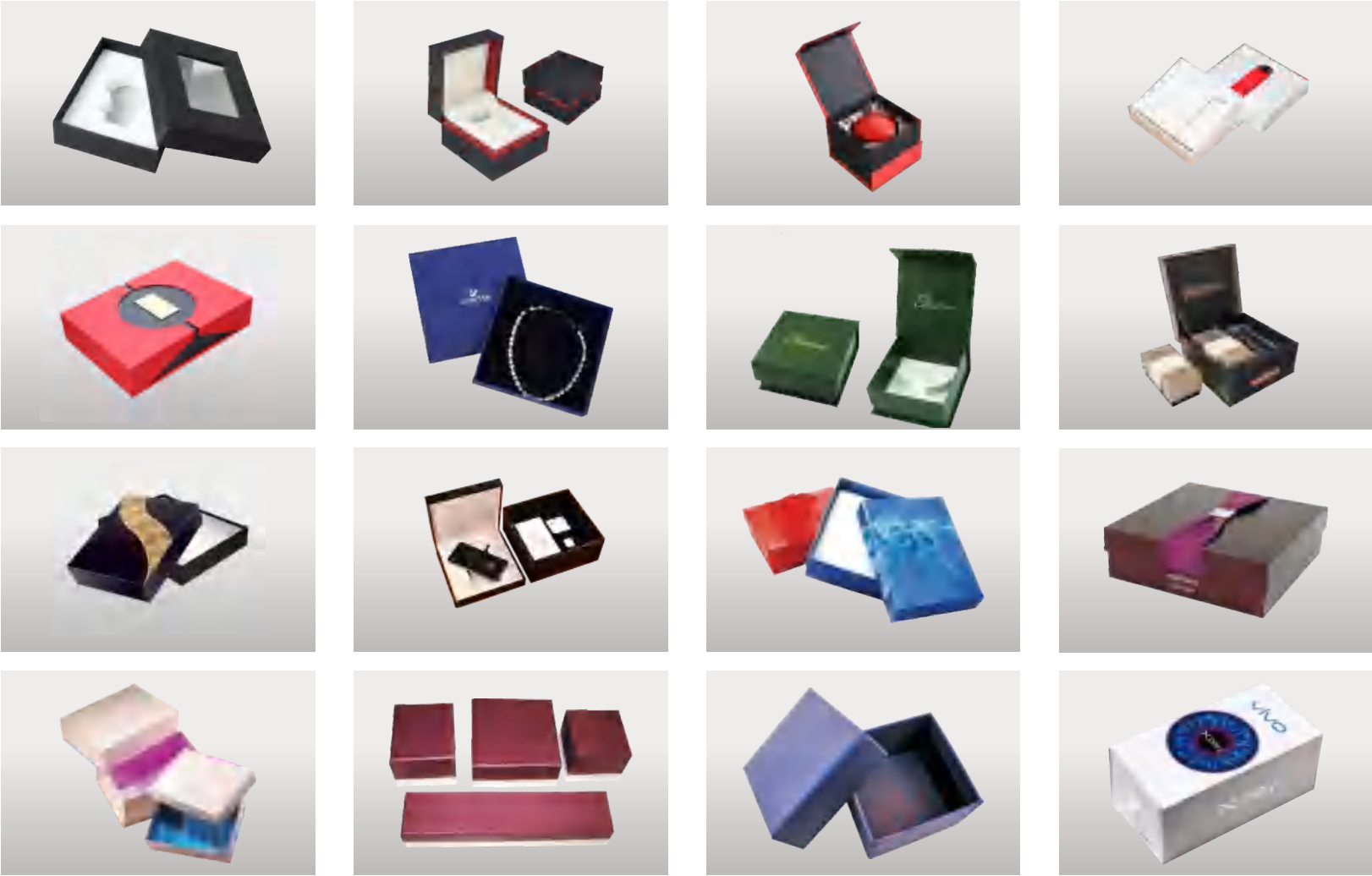
Our related machinery equipments are used to make different kinds of rigid boxes, including gift boxes, cell phone boxes, cosmetic boxes, garment boxes and other related boxes.

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

礼品盒 ≡ Gift Boxes



首饰盒 ≡
Jewelry Boxes



塑胶盒 ≡≡
Plastic Boxes



开槽 ≡≡
Notching



其他盒 ≡≡
Other Boxes



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

