



# QZFM-700/900

## 全自动精装封面联动线

Automatic Case Making & Inner Laminating Machine

QZFM-700/900全自动精装封面联动线是我公司经过长时间的市场调研与探索，集多年生产精装封面设备的丰富经验，综合国内外市场的未来发展需求，精心组织科研攻关，倾力打造的一款集生产精装封面与贴内衬纸等多种功能于一身的全自动联动线，填补了该类产品的市场空白，满足了客户对高精度、高速度、高智能、用工少的实际需求，使精装封面设备的发展进入了一个崭新的里程。

QZFM-700/900全自动精装封面联动线采用PLC控制、伺服传动、光电检测、伺服纠偏等最新科学技术，自动完成面纸输送进给、表面涂胶、纸板进给、光电检测误差、伺服纠偏定位、压角、四面包边等工序，生产出精装封面，并将生产好的精装封面通过中间传递机构送入贴内衬机，与此同时，贴内衬机自动完成内衬纸输送进给、表面涂胶、精装封面输送进给、光电检测误差、伺服纠偏定位、内衬纸贴合、表面整平等工序，将内衬纸与精装封面贴合。该联动线是广大印刷包装企业大批量生产：月饼盒、茶叶盒、手机盒、烟盒、酒盒、工艺品盒、化妆品盒等外包装产品以及生产文件夹、台历、精装书封面等全新的解决方案。



HIGH STABILITY  
稳定性高



LONG SERVICE LIFE  
耐用性好



HIGH PRECISION  
精度高



FAST DEBUGGING  
调试快



PREVENT SCRATCHES  
防刮痕



四面包边及贴内衬纸一次完成，全新工艺，国内首创  
2015年4月获浙江省装备制造业重点领域首台（套）产品  
2016年3月获国家发明专利（专利号：ZL 2013 1 0386176.0）

Completing case making and inner paper laminating at once, which is the latest technologies and national initiative.  
In April, 2015, we win the honorary title of "the first set product in equipment manufacturer industry"  
In March, 2016, we win national invention patent. (No.: ZL 2013 1 0386176.0)

QZFM-700/900 Automatic Case Making & Inner Laminating Machine is one of our main products. Through the long term market survey and research, with years of experience in production of hardcover cover equipment, and combining the future developmental needs of domestic & foreign markets, we develop this fully-automatic production line, which can finish four-side folding and inner paper laminating at one time. This machine fills the market gap of multifunctional case maker, and satisfies customers' requirement of high quality, high accuracy, high speed and low labor during production. It makes the development of hardcover equipment enter a new stage.

QZFM-700/900 Automatic Case Making & Inner Laminating Machine adopts PLC control, servo drive system, photo sensor detect system, servo correction positioning system as well as some of new technology. It integrates with many processes such as paper feeding, gluing, board feeding, photo sensor detecting, Servo positioning, flattening and folding. It can be applied for high volume packaging material production of moon cake, tea, cell phone, underwear, handcraft products, cosmetics, folder, calendar, hard cover books and so on. It provides the efficient production solution for those products.



# QZFM-700

## 全自动精装封面联动线

Automatic Case Making & Inner Laminating Machine

**A** 送纸系统 (面纸)  
Paper Feeder



同行业首家采用专业的印刷机飞达，调整方便快捷，高速运行，性能稳定可靠。

The first enterprise in the industry to adopt professional feeder which is dedicated to printing machine. It makes adjustment convenient and fast, production in high speed, performance stable and reliable.

**B** 上胶系统  
Gluing Unit



面纸输送机构带自动恒温加热功能，防止送纸辊固水蒸汽粘连纸张而送纸不畅。

Paper conveying structure with automatic constant temperature heating function to prevent roller sticking paper caused by water vapor.

**C** 纸板输送系统  
Board Feeding System



纸板送料机构采用松下伺服传动系统，不但精度高，速度快，而且稳定可靠。气动调节板间距机构，使得机器换板效率大幅提高。

Cardboard feeding mechanism applies Japanese Panasonic servo system, which is not only high precision, fast, but also reliable. Enhanced the board changing efficiency with the reasonable and humanized design.

**D** 三色标光电定位系统  
Three Photoelectric Detection



采用三套德国LEUZE色标光电检测系统，定位精度最高可达 $\pm 0.2\text{mm}$ ，采用四套日本松下伺服自动系统，最高生产速度可达30个/分钟。

It uses three sets of Germany LEUZE photoelectric detecting systems which enables to control the positioning error range within  $\pm 0.2\text{mm}$ , and adopts four sets Japanese Panasonic servo motors which makes the maximum production speed 30 PCS/MIN.

**E** 平台式折边系统  
Platform-based Folding System



采用皮带与机械翻板结合的包边结构，在同一平面完成四边包边工艺，减少了产品表面摩擦，使得成品美观漂亮。

The mechanical edge folding technology is to complete the four-side folding in one plane, which reduces the scratches and make the product nice and artistic.

**F** 收料系统  
Collection



成品自动收料系统，大大减小了操作人员的劳动强度。

Automatic products collection system, reduces the labor greatly.





# QZFM-700/900

## 全自动精装封面联动线

Automatic Case Making & Inner Laminating Machine



型号	Model	QZFM-700	QZFM-900
最大产品尺寸	Maximum size	450mm×700mm	450mm×900mm
最小产品尺寸	Minimum size	140mm×240mm	140mm×240mm
纸板厚度	Board thickness	1.0-3.0mm	1.0-3.0mm
面纸厚度	Paper thickness	100-200g	100-200g
生产速度	Speed	15-25Pieces/min	15-25Pieces/min
整机功率	Power supply	30KW	32KW
外型尺寸	Dimension (LxWxH)	13000×3500×1850mm	15000×3500×1850mm
整机重量	Weight	6500kg	8000kg
纸板数量	Boards amount	1-4Pieces	1-4Pieces

### 主要配置 Main Configurations

- 日本松下 PLC、变频器  
Japanese Panasonic PLC, Frequency converter

日本松下伺服电机  
Japanese Panasonic servo motor

日本 NSK 轴承  
Japanese NSK Bearings

台湾银泰直线导轨  
Taiwan PMI Linear Slideway

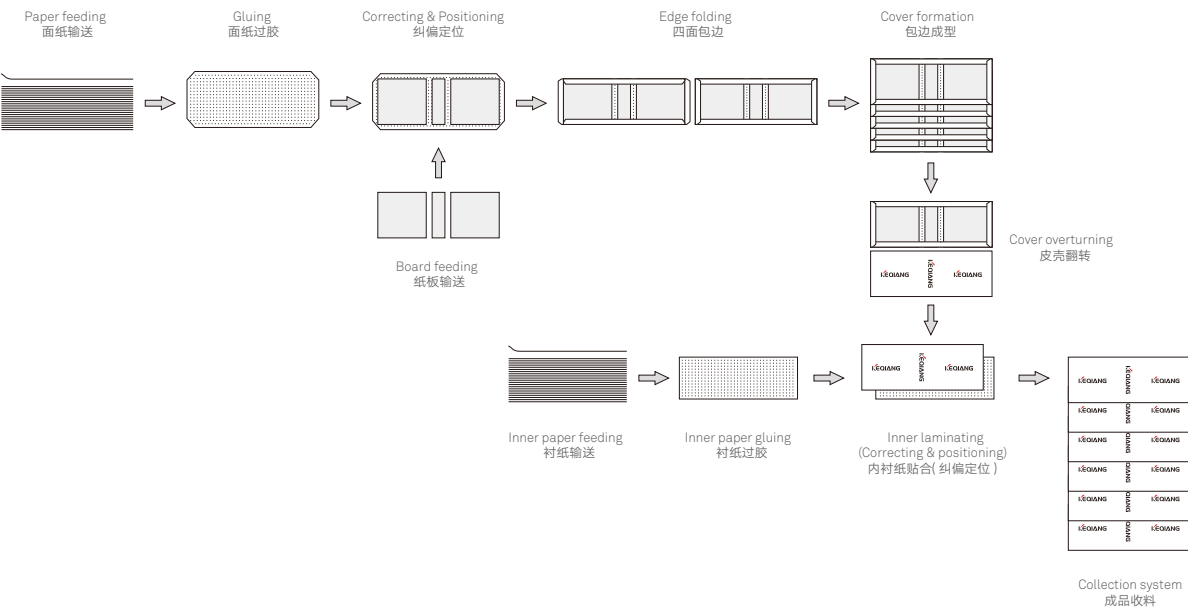
日本 CKD 气动元件  
Japanese CKD pneumatic element
- 德国劳易测光感元件  
German LEUCE photosensor

高级耐磨汽车传动软轴  
Advanced wear-resistant automotive transmission shaft

法国施耐德电气  
French Schneider electric

日本好利旺真空泵  
Japanese ORION Vacuum Pump

### 机器工艺流程 Process Flow





# ZFM-700/900/1000/1350A

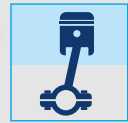
## 全自动封面机（三色标光电检测、伺服纠偏定位）

Automatic Case Making Machine

(Three photoelectric detection, Servo positioning)

ZFM-700/900/1000/1350A系列全自动封面机采用伺服传动，光电定位、伺服纠偏等新技术，自动完成面纸进给、上胶、纸板自动进给、定位、四面包边等工序，整台机器采用4套伺服系统，精准完成各道工序所需动作，精度高，速度快，压角包边美观，是广大印刷包装界同仁大批量生产：白酒、香烟、月饼、茶叶、手机、内衣、工艺品、化妆品等外包装盒及文件夹、台历、精装书封面等全面有效的解决方案。

ZFM-700/900/1000/1350A Series Automatic Case Making Machine uses servo driving, photoelectric detecting, servo positioning and other new technologies as well. They can finish the processes of paper feeding, gluing, board feeding, positioning and four-side folding automatically with high accuracy, fast speed and high quality. It is the effective solution for customers of printing and packaging industry with high-volume production in producing the package for wines, cigarettes, moon cakes, tea, mobile phones, underwear, handicrafts, and cosmetics etc, making file folders, calendars, and other hardcover books as well.



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成品幅面 **大**

最大成品尺寸可达 **1350×600** mm

The finished product size is as large as 1350x600mm

复合精度 **高**

纸板与面纸定位精确最高可达 **±0.20** mm

The positioning accuracy is up to ±0.2mm

调机时间 **快**

换板调机时间最快仅需 **20~30** 分钟

The adjustment speed is as fast as 20~30 minutes

适用范围 **广**

可生产三角形、S形、弧形等 **异形产品**，无需模具，不但成本低，而且省时省力

It can be used to make triangle, "S" shape, curve etc. irregular shape products without any mould. It makes production more effective, not only saves cost, but also saves time and energy.

节约用电 **省**

带保温功能的自动循环胶桶，较传统胶桶节能 **60%** 以上

The glue tank with heat preserving and automatic recycling function, saves energy for 60% comparing with traditional glue tank.





# ZFM-700/900/1000/1350A

## 全自动封面机（三色标光电检测、伺服纠偏定位）

Automatic Case Making Machine

(Three photoelectric detection, Servo positioning)



**A** 送纸系统（面纸）  
Paper Feeder

同行业首家采用专业的印刷机飞达，调整方便快捷，高速运行，性能稳定可靠。

The first enterprise in the industry to adopt professional feeder which is dedicated to printing machine. It enables adjustment convenient and fast, high speed production, performance stable and reliable.



**B** 上胶系统  
Gluing Unit

面纸输送机构带自动恒温加热功能，防止送纸辊固水蒸汽粘连纸张而送纸不畅。

Paper conveying structure with automatic constant temperature heating function to prevent roller sticking paper caused by water vapor.



**C** 纸板输送系统  
Board Feeding System

纸板送料机构采用松下伺服传动系统，不但精度高，速度快，而且稳定可靠。气动调节板间距机构，使得机器换板效率大幅提高。

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**E** 平台式折边系统  
Platform-based Folding System

采用皮带与机械翻板结合的包边结构，在同一平面完成四边包边工艺，减少了产品表面摩擦，使得成品美观漂亮。

The mechanical edge folding technology is to complete the four-side folding in one plane, which reduces the scratches and make the product nice and artistic.



**F** 可移动式不锈钢保温胶桶  
Removable Stainless Steel & Insulated Glue Tank

采用可移动式不锈钢胶桶，大大方便了操作人员清洗机器，既省力，又省时，设计非常人性化；同时带有保温隔热层，大大降低了能耗，较同类产品省电60%以上。

Adopting removable stainless steel glue tank, this design is very user-friendly. It's extremely convenient for operator to do cleaning, and saves labor & time. Meanwhile, it's with thermal insulation layer, greatly reduce the energy consumption, and saves 60% more power compared with similar products.



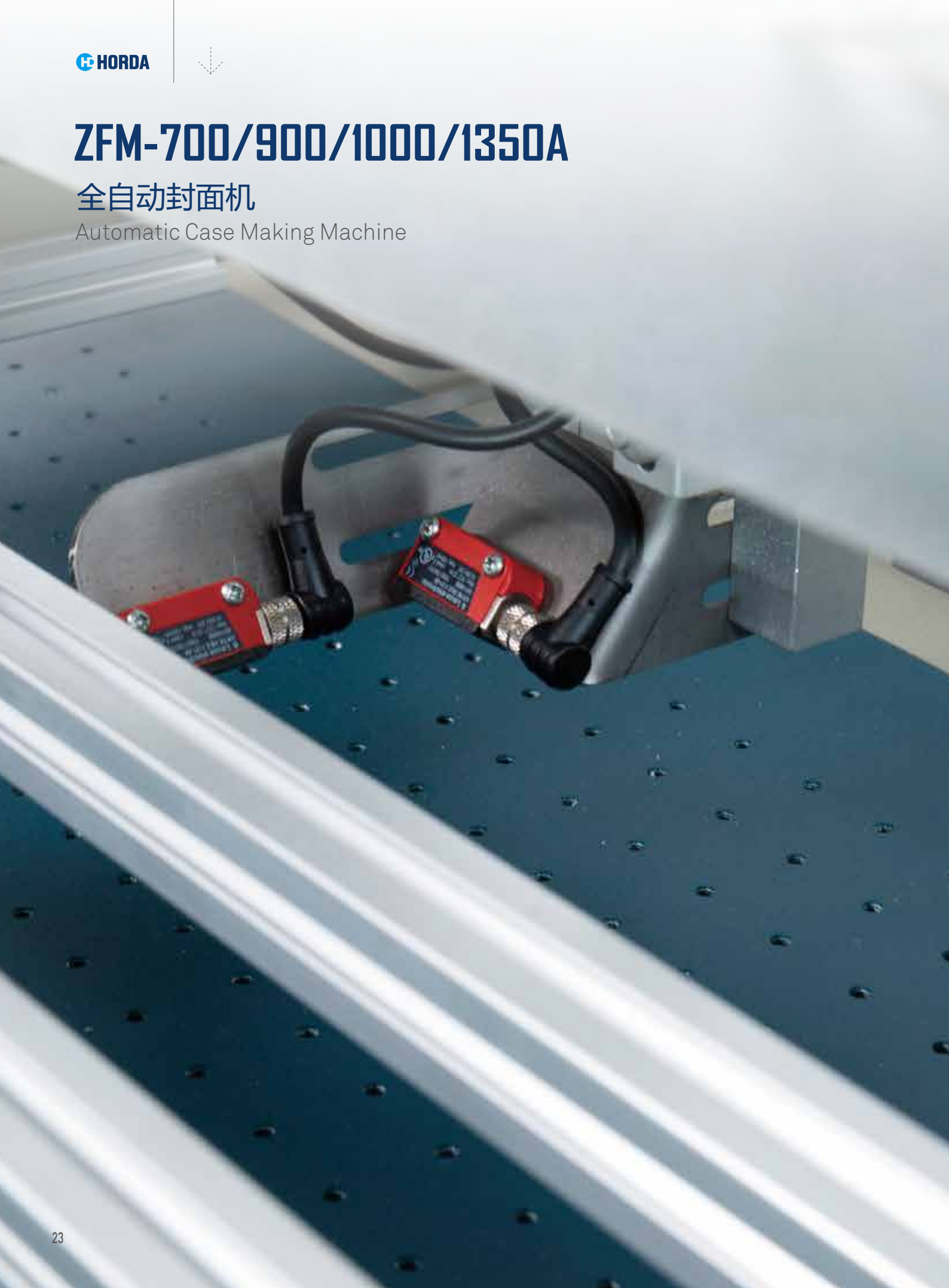




# ZFM-700/900/1000/1350A

## 全自动封面机

Automatic Case Making Machine



### 1 松下变频器 Panasonic Inverter

电气系统采用松下变频器及PLC，性能稳定可靠。

The electrical components are from Panasonic inverter and PLC which ensures stable and reliable performance.



### 2 触摸屏界面 Touch Screen Interface

整机操作系统采用触摸屏人机界面，使操控更方便、直接。

The whole control system use a touch screen with operation menu so as to make operation convenient.



### 3 进口直线导轨 Imported Linear Slideway

进口直线导轨，保证设备高精度、耐用性。

Imported linear slideway ensures the machine performance with high accuracy and long-life service.



### 4 松下伺服电机 Panasonic Servo Motor

纸板推送、纠偏定位、输送带均采用松下伺服电机实现精准平稳传动。

The Panasonic Servo Motor is stable and accurate, which is used in board feeding, correcting & positioning and conveyor belt.



### 5 光电传感器 Photoelectric Sensor

采用进口专用光电传感器，实现纸板的精准定位。

The imported specific photo sensor ensures the accurate positioning.



### 6 无油真空泵 Oil-free Vacuum Pump

日本好利旺无油真空泵不需加油，噪音低，使用寿命长。

Japanese ORION vacuum pump with characteristics like long service life, no need add oil, and low noise.



### 7 电器控制箱 Electrical Cabinet

整洁、高端电器控制箱，采用国际品牌电器元件，保证设备安全稳定运行。

Tidy and high-class electric cabinet, adopts international brand electric compents to ensure the machine works safely and stably.



### 8 气动元件 Pneumatic Components

台湾亚德客气动元件性能稳定可靠、安装维护方便，使用寿命长。 Taiwan Airtac pneumatic compents is stable and reliable, and easy to install & maintain, which is long service life.



Japanese Panasonic PLC, Frequency converter  
日本松下PLC、变频器

Japanese Panasonic servo motor  
日本松下伺服电机

Japanese NSK Bearings  
日本NSK轴承

Japanese ORION Vacuum Pump  
日本好利旺真空泵

Taiwan PMI Linear Slideway  
台湾银泰直线导轨

Japanese CKD pneumatic element  
日本CKD 气动元件

German LEUCE photosensor  
德国劳易测光感元件

Airtac Pneumatic Component  
台湾亚德客气动元件

Advanced wear-resistant automotive transmission shaft  
高级耐 磨汽车传动软轴

French Schneider electric  
法国施耐德电气

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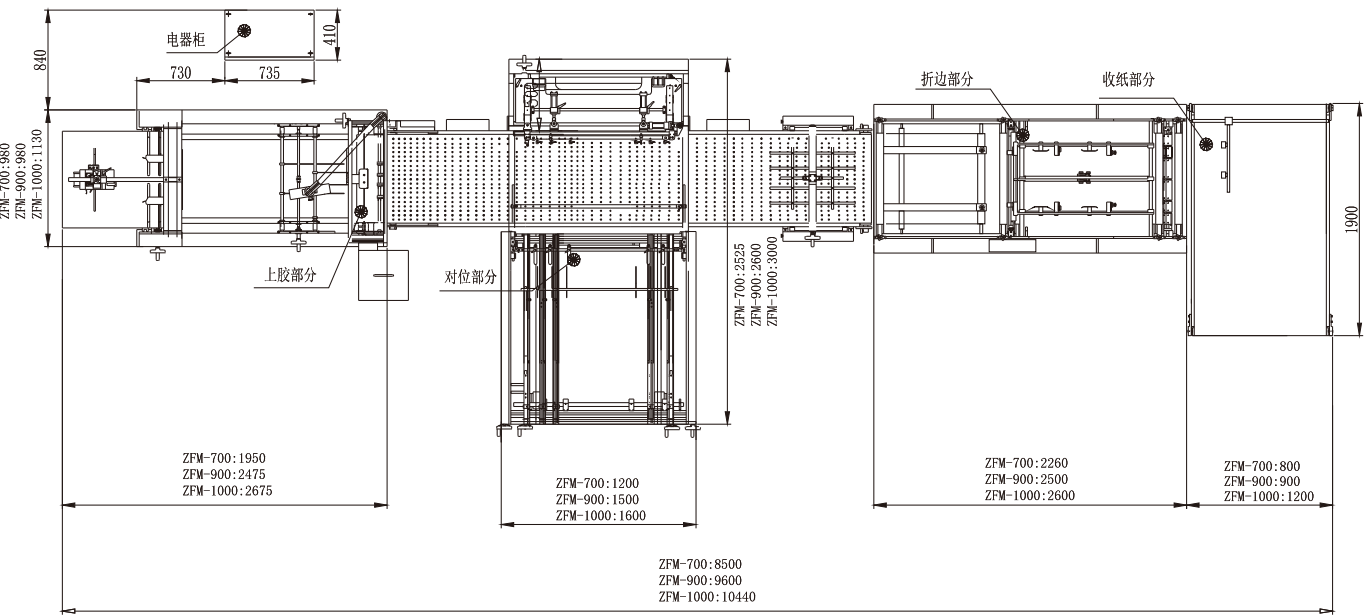


# ZFM-700/900/1000/1350A

## 全自动封面机

Automatic Case Making Machine

机器结构示意图 Machine Structure Diagram



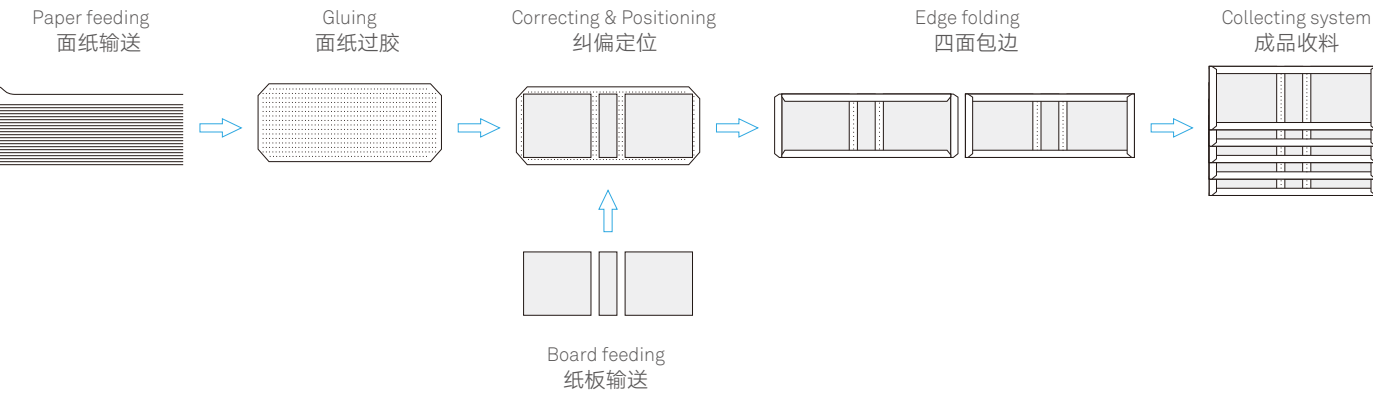
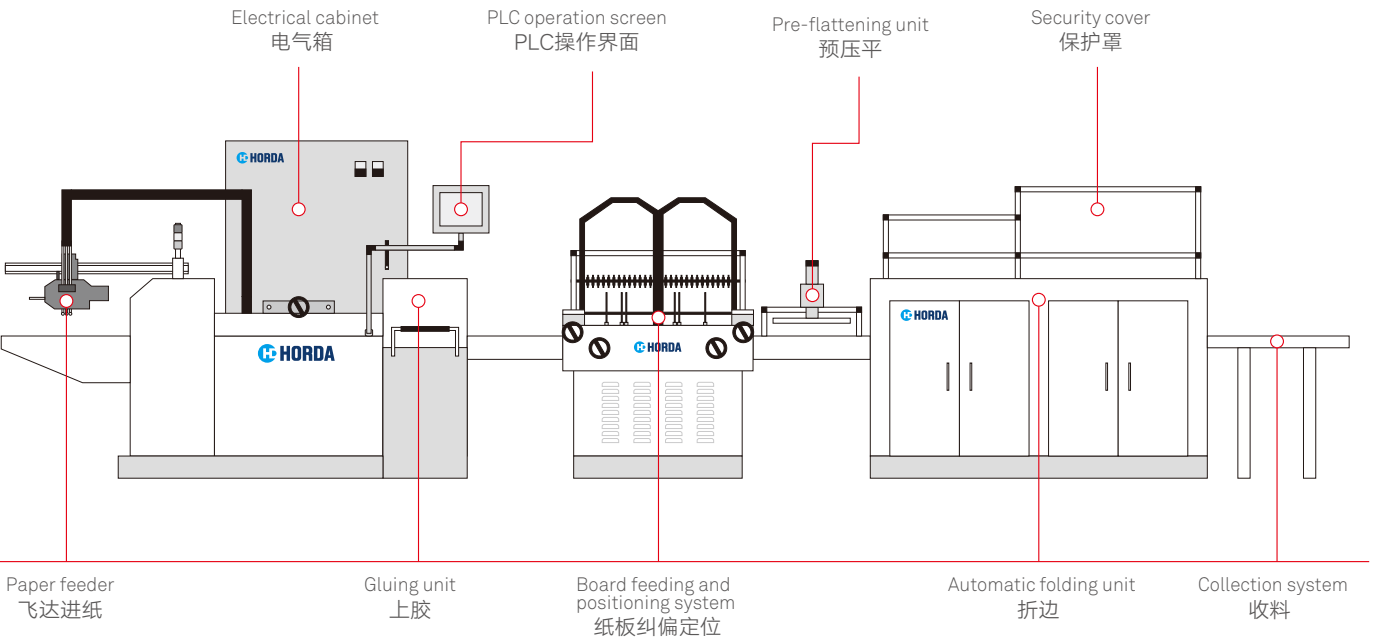
型号	Model	ZFM-700A	ZFM-900A	ZFM-1000A	ZFM-1350A
最大产品规格	Maximum size	450mm×720mm	450mm×950mm	600mm×1050mm	600mm×1350mm
最小产品规格	Minimum size	90mm×180mm	90mm×180mm	140mm×240mm	140mm×240mm
纸板厚度	Board thickness	1.0-3.0mm	1.0-3.0mm	1.0-3.0mm	1.0-3.0mm
面纸厚度	Paper weight	105-210g	105-210g	105-210g	105-210g
生产速度	Maximum speed	20-30 Pieces/min	20-30 Pieces/min	15-25 Pieces/min	10-20Pieces/min
整机功率	Power supply	16KW	17.5KW	18KW	19KW
外型尺寸	Dimension (LxWxH)	8500×2600×1500mm	9750×2600×1500mm	10440×3000×1500mm	11500×3000×1500mm
整机重量	Machine weight	3500kg	4000kg	5000kg	6000kg
定位精度	Positioning accuracy	±0.2mm	±0.2mm	±0.5mm	±0.5mm
纸板数量	Boards amount	1-6Pieces	1-6Pieces	1-6Pieces	1-5Pieces
中心板最小宽度	Minimun spine width	8mm	8mm	8mm	8mm
侧板最小宽度	Minimun side-board width	25mm	25mm	25mm	25mm

备注：REMARK

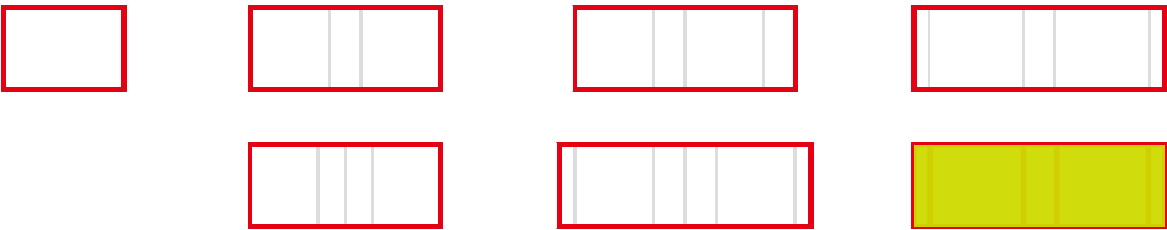
1. 产品的最大和最小尺寸，同时取决于面纸的最大和最小尺寸以及面纸的质量。
2. 机器生产速度为20-30个/分钟，但是封面的尺寸大小及原材料的材质、使用环境的温度及湿度等因素会影响到机器的速度。

1. The maximum and minimum sizes of the covers are subjected to those of the paper and the quality of the paper.
2. The production speed is 20-30 pieces per minute but it may be affected by the cover sizes and the material and quality of paper and board.

全自动封面机平面图 Automatic Case Making Machine Planar Graph



产品成型示意图 Product Diagram



This picture shows the inner laminating  
此图为贴内衬纸示意图



# ZFM-700K

## 全自动快速封面机（精品烟包封面机）

Fast Speed Automatic Case Making Machine  
(Automatic cigarette case making machine)

采用运动控制器系统，最高速度达到 **35** 个/分钟  
Using motion control system, promote the production speed to 35 pieces/min.



ZFM-700K系列全自动快速封面机采用运动控制器系统，最高速度达到35个/分钟，采用伺服传动，光电定位、伺服纠偏等新技术，自动完成面纸进给、上胶、纸板自动进给、定位、四面包边等工序，整台机器采用9套伺服系统，精准完成各道工序所需动作，精度高，速度快，压角包边美观，是广大印刷包装界同仁大批量生产：白酒、香烟、月饼、茶叶、手机、内衣、工艺品、化妆品等外包装盒及文件夹、台历、精装书封面等全面有效的解决方案。

ZFM-700K Fast speed Automatic case making machine using motion control system, promote the production speed to 35 pieces/min.It uses servo driving, photoelectric detecting, servo positioning and other technologies as well. The machine adopts 9 servo systems, It can finish the processes of paper feeding, gluing, board feeding, positioning, and four-side folding automatically with high accuracy, fast speed and high quality. t is the effective solution for customers of printing and packaging industry with high-volume production in producing the package for wines, cigarettes, moon cakes, tea, mobile phones, underwear, handicrafts, and cosmetics etc., making the file folders, calendars, and other hardcover books as well.



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精度高



FAST DEBUGGING  
调试快



PREVENT SCRATCHES  
防刮痕

型号	Model	ZFM-700K
最大产品规格	Maximum size	450mm×720mm
最小产品规格	Minimum size	90mm×180mm
纸板厚度	Board thickness	1.0-3.0mm
面纸厚度	Paper weight	105-210g
生产速度	Maximum speed	20-35 Pieces/min
整机功率	Power supply	16KW
外型尺寸	Dimension (LxWxH)	8500×2600×1500mm
整机重量	Machine weight	3500kg
定位精度	Positioning accuracy	±0.2mm
纸板数量	Boards amount	1-6Pieces
中心板最小宽度	Minimun spine width	8mm
侧板最小宽度	Minimun side-board width	25mm

### 备注 REMARK

1. 产品的最大和最小尺寸，同时取决于面纸的最大和最小尺寸以及面纸的质量。

2. 机器生产速度为20-35个/分钟，但是封面的尺寸大小及原材料的材质、使用环境的温度及湿度等因素会影响到机器的速度。

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2. The production speed is 20-35 pieces per minute but it may be affected by the cover sizes and the material and quality of paper and board.



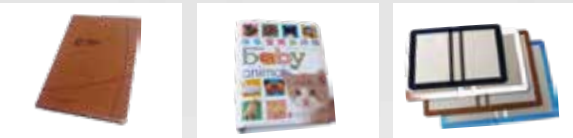
# ZFM-7000

## 全自动圆角封面机

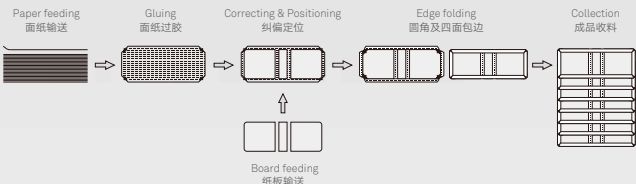
### Automatic Round Corner Case Making Machine

ZFM-700D型全自动圆角封面机是我公司专门针对精装书及笔记本生产企业而开发出的一款圆角、直角产品两用封面机。该机采用运动控制系统确保多台伺服电机精准同步运转，同时采用伺服传动、光电定位、伺服纠偏等新工艺、新技术，自动完成面纸进给，定位、包角、四面包边等工序，使生产精度更高，生产速度更快，圆角圆滑美观，四边结实无空边，是生产圆角型精装书及笔记本等产品的优选方案。

ZFM-700D Automatic round corner case making machine is multifunctional and especially designed and developed for hard cover book and notebook manufacturers. It can produce both round & straight corner hardcovers. This machine uses motion control system to ensure the accurate synchronous operation of multiple servo motors, meanwhile, it adopts servo driving, photoelectric positioning, servo rectification , and other new craft & technologies as well. It can automatically finish the process of paper feeding, positioning, corner wrapping and four-edge folding with higher accuracy, faster speed. And This machine makes round corners sleek and beautiful, four edges solid and without empty. It's optimized solution for round corner hardcover book and notebook manufacturers.



PROCESS FLOW 工艺流程示意图



采用运动控制器系统，最高速度达到 **35** 个/分钟  
Using motion control system, promote the production speed to 35 pieces/min.



#### 功能与特点

- 1.上吸式多工位包边系统，使速度更快，生产效率更高；
- 2.经过全新优化的圆角包边机构，调节简便，性能稳定，工作可靠；
- 3.采用运动控制系统确保多台伺服电机精准同步运转，使精度更高，速度更快；
- 4.创新设计的机械式包边机构，使机器性能更稳定，包边紧实无空边；
- 5.包角机构的简单调整，即可生产直角型产品，实现了一机多用，适用范围更广。
- 6.空间占地面积减小，可以灵活运用于任何产品中；
- 7.触摸屏操作系统，能直接显示机器故障原因，使操作更为简捷，维护更为方便。

型号	Model	ZFM-7000
最大产品规格	Maximum size	400×700mm
最小产品规格	Minimum size	100×180mm
纸板厚度	Board thickness	1.0-3.0mm
面纸厚度	Paper thickness	100-200g
生产速度	Speed	10-35Pieces/min
整机功率	Power supply	22.5KW
整机重量	Weight	3800kg
中心板最小宽度	Minimun spine width	8mm
外型尺寸	Dimensions (L×W×H)	7300×2700×1600mm
定位误差	Positioning accuracy	±0.2mm

备注：收料机构宽度为3100mm

#### Functions and features

- 1.Upper suction & multi-station folding system, makes the working speed faster and production efficiency higher;
- 2.The new-updated and optimized round corner folding mechanism is simple at adjustment, stable in performance and reliable in operation;
- 3.Using motion control system to ensure the accurate and synchronous running of multiple servo motors, so that the positioning accuracy is higher and the working speed is faster;
- 4.The innovatively designed mechanical edge folding system makes the machine performance more stable, and the edge folding is compact without empty edges;
- 5.Through the simple adjustment of the corner wrapping mechanism, straight corner covers can be produced, this design achieves the machine's multifunction and wider range of applications.
- 6.It occupies less space which makes it can be applied to any product flexibly.
- 7.The operation system with touch-screen can display the machine fault and hint directly which makes the operation more convenient as well as rapid troubleshooting.

#### 主要配置

英国翠欧运动控制器  
德国劳易测传感器  
法国施耐德电气系统  
日本CKD电磁阀  
台湾银泰直线运动部件  
德国艾格斯专用轴承  
台湾TBI 精密滚珠螺杆  
精密滚珠花键  
美国盖茨同步带  
瑞士佳乐斯相保护器  
台湾亚德客气动元件

#### Main Configurations

British TRIO motion controller  
Germany Leuze photoelectric sensor  
French Schneider electric system  
Japanese CKD solenoid valve  
Taiwan PMI liner slide-way  
Germany IGUS bearings  
Taiwan TBI precision ball screw & ball spline  
American GATES synchronous belt  
Swiss CARLO phase failure protection relay  
Taiwan Airtac Pneumatic component

ZDH-700

折叠盒侧翼成型机（五联板）

Collapsible Box Wings Making Machine

重点推荐：与浙江大学校企合作联合开发，全新工艺，引领行业。

Cooperation and joint development with Zhejiang university, the latest technology, leading the industry.



在当前市场上，高档包装盒均为立体盒型，在运输过程中，不但体积大，运输成本高，而且受挤压易变形损坏。针对这种现状，我公司联合浙江大学进行校企合作，结合用户的实际需求，采用全新工艺，将立体盒的两侧设计成可折叠的活动面，并研制开发出ZDH-700型折叠盒侧翼成型机。该机采用伺服传动，光电定位，伺服纠偏，伺服插板，包边等全新工艺及技术，自动完成，面纸进给，上胶，纸板自动进给，定位，自动包边折叠成型等工艺。整机采用12套伺服系统，精准完成各道工序所需动作。该机器的推出，将包装盒的运输体积减少了80%以上，不但大大降低运输成本，减少了存放空间，而且几乎无损坏，无变形，是广大印刷包装企业生产折叠盒产品的全新解决方案。

型号	Model	ZDH-700
最大产品规格	Maximum size	180×700mm
最小产品规格	Minimum size	55×200mm
中间板厚度	Board thickness	1.0-3.0mm
侧板厚度	Side board thickness	0.5-2mm
面纸厚度	Paper thickness	100-200g
生产速度	Speed	15-25Pieces/min
整机功率	Power supply	20KW
外型尺寸	Dimensions (L×W×H)	7400×2500×1500mm
整机重量	Weight	3500kg
定位误差	Positioning accuracy	±0.25mm

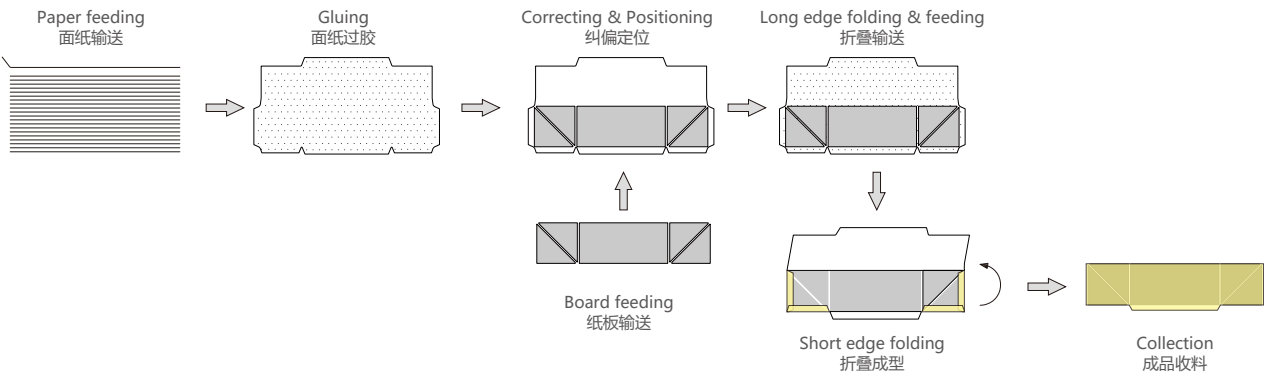
备注：收料机构宽度为3500mm



In the current market, high-grade packaging boxes are three-dimensional type, which not only takes large volume, high transportation cost, but also easily cause deformation damage by extrusion during transportation.In view of this situation, our company cooperated with Zhejiang university for school-enterprise cooperation, according with the actual needs of users, adopted new craft to design the two sides of the three-dimensional box into collapsible boards with flexibility, and developed the ZDH-700 collapsible box making machine.This machine adopts servo drive, photo-electric positioning, servo rectification, servo insert folding, edge wrapping and other new craft and technologies. It can automatically complete the process of paper feeding, gluing, cardboard automatic feeding, positioning, edge automatic folding and other processes .The whole machine adopts 12 servo systems, which can accurately complete the required actions of each process. The launch of this machine, enabling the transport volume of the box decrease more than 80%, not only greatly reduce the transport cost and the storage space, but also enabling almost no damage, no deformation. Thus this machine is the new solution to the majority of printing and packaging enterprises for producing collapsible boxes.

工艺流程示意图

Process Flow







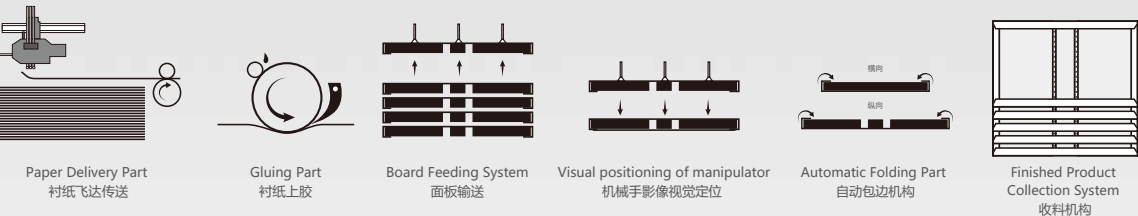
# ZFM-500E

## 全自动视觉定位封面机

Automatic Case Making Machine(CCD)

ZFM-500E型全自动视觉定位封面机采用印刷机专用飞达、高精摄像头精准定位、机械手快速送板、特制机械结构包边等新技术、新工艺，自动完成面纸进给、纸板输送定位、打角、四面包边、自动收料等工序。该机采用运动控制器系统，响应速度快，性能稳定，最高速度可达40个/分钟，最小产品尺寸可达120mm x 60mm,填补了高性能小幅面全自动封面机的市场空白。是广大精品包装企业生产烟盒、酒盒、手机盒、化妆品盒、眼影盒、首饰盒、工艺礼品盒、精装书封面等理想的加工设备。

ZFM-500E Automatic Case Making Machine(CCD) adopts new technology and process, such as special feeder for printing press use, high-precision camera for accurate positioning, manipulator to feed board with rapid speed, special mechanical structure to do edge folding etc. It can automatically finish the procedures of paper feeding & gluing, board feeding & positioning, corner forming, four-side folding and auto-collection with high accuracy, fast speed and high quality.This machine adopts motion controller system, with fast response speed, and stable performance. Its maximum production speed can reach 40 pieces/min, the minimum finished product size 120mm x 60mm, which fills the market gap of high performance & small format automatic case making machine. It's perfect solution for general packaging enterprises to produce cigarette box, wine box, mobile phone box, cosmetics box, eyeshadow box, jewelry box, gift box and hardcover books etc.



### 主要配置

日本松下温控仪、变频器  
TRIO运动控制系统  
埃斯顿 SCARA 机械手  
海康威视摄像头  
ESTUN 伺服电机  
日本NSK轴承  
日本好利旺真空泵  
台湾银泰直线导轨  
日本CKD气动元件  
德国劳易测光感元件  
台湾亚德客气动元件  
法国施耐德电气

### Main Configurations

Japanese Panasonic Thermostat and Inverter  
TRIO motion control System  
ESTUN SCARA Robot  
Hikvision Camera  
ESTUN servo motor  
Japanese NSK Bearings  
Japanese ORION vacuum pump  
Taiwan PMI linear  
Japanese CKD pneumatic element  
German LEUZE sensillum opticum  
Taiwan AIRTAC pneumatic element  
French Schneider Electric



### 功能与特点

- 1.同行业首家采用专业的印刷机飞达，调整方便快捷，高速运行性能稳定可靠。
- 2.特制的机械包边结构，使包边更紧实，无空边，无表面刮花。
- 3.采用高精摄像头定位，精度误差小于±0.1mm，极大地满足了高档包装盒对精度的要求。
- 4.采用运动控制器系统，响应速度快，运行性能稳定，最高速度可达40个/分钟。
- 5.全新设计的优化方案，整机结构更紧凑，调整更方便，生产效率大大提高。

型号	Model	ZFM-500E
最大产品规格	Maximum size	350mm×500mm
最小产品规格	Minimum size	60mm×120mm
纸板厚度	Board thickness	1.0~4.0mm
纸张厚度	Paper thickness	105~210g
生产速度	Maximum speed	25~40Pieces/min
整机功率	Power supply	19KW
整机重量	Machine weight	3500kg
中心板最小宽度	Minimum spine width	8mm
外型尺寸	Dimension (L×W×H)	5500×2500×1800mm
定位精度	Positioning accuracy	≤±0.1mm

### Functions and features

- 1.The first enterprise to adopt professional feeder which is dedicated to printing machine in the industry. It enables adjustment convenient and fast, high speed production, machine performance stable and reliable.
- 2.Special mechanical folding structure enables edge-folding tighter and no scratches on surface.
- 3.It's equipped with high precision camera, makes the error of precision within ±0.1mm,which greatly meets the strict precision requirement to high-grade packing box.
- 4.It adopts motion control system,which responded quickly with stable performance.The production speed can reach 30-40 pcs/min.
- 5.The machine is an entirely new designed prioritization scheme with compacter structure, and more convenient adjustment. The production efficiency will be improved greatly.





# ZTC-700/900/1000/1350A

## 自动贴内衬机

Automatic Inner Laminating Machine



ZTC-700/900/1000/1350A型自动贴内衬机采用伺服传动，光控定位，伺服纠偏等全新技术，自动完成内衬纸进给，上胶，封面自动进给，定位，预压平等工序，精度高，速度快，是印刷包装行业将封面型产品贴内衬纸的首选解决方案。内衬纸原料：书写纸，铜版纸，特种纸，合成纸，布料等。

ZTC-700/900/1000/1350A Automatic Inner Laminating Machine uses servo drive, photoelectric positioning, servo correction and other latest technology as well. This machine can automatically finish the inner paper feeding, gluing, cardboard feeding, positioning and pre-flattening processes with high accuracy, fast speed and high quality. Thus this machine is the preferred solution for printing and packaging enterprises to make the hardcover inner laminating process. Material of inside lining paper including writing paper; coated paper; specialty paper; synthetic paper; cloth etc.

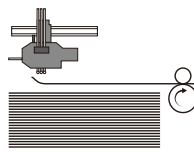
型号	Model	ZTC-700A	ZTC-900A	ZTC-1000A	ZTC-1350A
封面最大规格	Maximum size	450×720mm	450×950mm	600×1050mm	600×1350mm
封面最小规格	Minimum size	90×180mm	90×180mm	140×190mm	140×190mm
封面厚度	Board thickness	1-3mm	1-3mm	1-3mm	1-3mm
内衬纸厚度	Paper weight	105~210g	105~210g	105~210g	105~210g
生产速度	Maximum speed	20-30Pieces/min	20-30pieces/min	15-25pieces/min	10-25pieces/min
整机功率	Power supply	13.5kw	14kw	14.5kw	15kw
整机重量	Machine weight	2300kg	2500kg	3000kg	3500kg
外形尺寸	Dimension (LxWxH)	6500×2600×1500mm	7500×2600×1500mm	7800×3000×1500mm	8500×3000×1500mm
定位精度	Positioning accuracy	±0.2mm	±0.2mm	±0.5mm	±0.5mm

### 功能与特点

1. 同行业首家采用专业的印刷机飞达，调整方便快捷，高速运行，性能稳定可靠
2. 光电定位，伺服纠偏装置，能将封面迅速、准确的定位于内衬纸上
3. 触摸屏操作系统，能直接显示机器故障原因，使操作更为简捷，维护更为方便

### Functions and features

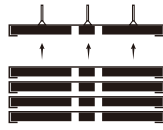
1. The first enterprise to adopt professional feeder which is dedicated to printing machine in the industry. It enables adjustment convenient and fast, high speed production, performance stable and reliable.
2. The photoelectric detecting and servo correcting unit help the board laminating on the inner paper quickly and accurately.
3. The operating system with touch-screen can display the machine fault and hint directly which makes the operation more convenient as well as rapid troubleshooting.



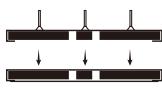
Paper Delivery Part  
衬纸飞达传送



Gluing Part  
衬纸上胶



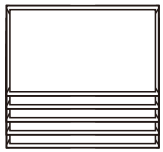
Board Feeding System  
面板输送



Correcting & Positioning  
面板纠偏定位



Flattening Part  
压平



Collection  
收料

### 主要配置

日本松下PLC、变频器  
日本松下伺服电机  
日本NSK轴承  
日本好利旺真空泵  
德国劳易测光感元件  
台湾亚德客气动元件

### Main Configurations

Japan Panasonic PLC, Frequency converter  
Japan Panasonic servo motor  
Japan NSK Bearings  
Japan ORION Vacuum Pump  
German LEUCE photosensor  
Taiwan Airtac Pneumatic Component





# ZTC-700/900/1000/1350C

## 自动贴内衬机（服装吊牌对裱机）

Automatic Inner Laminating Machine  
(Clothing tags laminating machine)



ZTC-700/900/1000/1350C型自动贴内衬机（服装吊牌对裱机）采用伺服传动，光控定位，伺服纠偏等全新技术，自动完成内衬纸进给，上胶，封面自动进给，定位，表面整平等工序，精度高，速度快，采用上吸式飞达，有效解决了产品表面产生擦痕的难题，是印刷包装行业将封面型产品贴内衬纸的首选解决方案。内衬纸原料：书写纸，铜版纸，特种纸，合成纸，布料等。

ZTC-700/900/1000/1350C Automatic Inner Laminating Machine(Clothing tags laminating machine) uses servo drive, photoelectric positioning, servo correction and other latest technology as well. This machine can automatically finish the inner paper feeding, gluing, cardboard feeding, positioning and flattening processes with high accuracy, fast speed and high quality .Thus this machine is the preferred solution for printing and packaging enterprises to make the hardcover inner laminating process.Material of inside lining paper including writing paper;coated paper;specialty paper;synthetic paper;cloth etc.

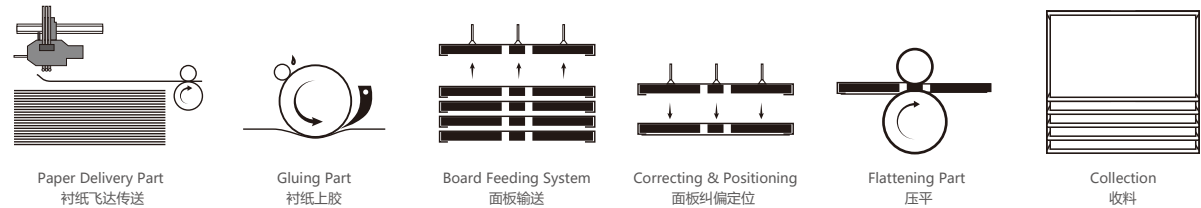
型号	Model	ZTC-700C	ZTC-900C	ZTC-1000C	ZTC-1350C
封面最大规格	Maximum size	450×700mm	450×900mm	600×1000mm	600×1350mm
封面最小规格	Minimum size	140×190mm	140×190mm	140×190mm	140×190mm
封面厚度	Board thickness	1-3mm	1-3mm	1-3mm	1-3mm
内衬纸厚度	Paper weight	105~210g	105~210g	105~210g	105~210g
生产速度	Maximum speed	20-30Pieces/min	20-30pieces/min	15-25pieces/min	10-25pieces/min
整机功率	Power supply	13.5kw	14kw	14.5kw	15kw
整机重量	Machine weight	2500kg	2700kg	3500kg	4000kg
外形尺寸	Dimension (LxWxH)	6500×2200×1850mm	7500×2200×1850mm	7800×2600×1850mm	8500×2600×1850mm
定位精度	Positioning accuracy	±0.2mm	±0.2mm	±0.5mm	±0.5mm

### 功能与特点

- 1.同行业首家采用专业的印刷机飞达，调整方便快捷，高速运行，性能稳定可靠
- 2.光电定位，伺服纠偏装置，能将封面迅速、准确的定位于内衬纸上
- 3.多路循环递板装置，使传送纸板速度大为提高
- 4.触摸屏操作系统，能直接显示机器故障原因，使操作更为简捷，维护更为方便
- 5.送板机构采用上吸式飞达，有效解决了产品表面产生擦痕的难题

### Functions and features

- 1.The first enterprise to adopt professional feeder which is dedicated to printing machine in the industry. It enables adjustment convenient and fast, high speed production, performance stable and reliable.
- 2.The photoelectric detecting and servo correcting unit assist the board laminating on the inner paper quickly and accurately.
- 3.Multi circulation board feeding unit enhances the board feeding speed greatly.
- 4.The operating system with touch-screen can display the machine fault and hint directly which makes the operation more convenient as well as rapid troubleshooting.
- 5.Adopting up suction feeder is an effective solution to the problem of surface scratches.



### 主要配置

日本松下PLC、变频器  
日本松下伺服电机  
日本NSK轴承  
日本好利旺真空泵  
德国劳易测光感元件  
台湾亚德客气动元件

### Main Configurations

Japan Panasonic PLC, Frequency converter  
Japan Panasonic servo motor  
Japan NSK Bearings  
Japan ORION Vacuum Pump  
German LEUCE photosensor  
Taiwan Airtac Pneumatic Component



# ZTC-700K

## 自动快速贴内衬机

Fast speed Automatic Inner Laminating Machine



ZTC-700K型自动快速贴内衬机采用伺服传动，光电定位，伺服纠偏等全新技术，自动完成内衬纸进给，上胶，封面自动进给，定位，表面整平等工序，精度高，速度快，采用上吸式飞达，有效解决了产品表面产生擦痕的难题，是印刷包装行业将封面型产品贴内衬纸的首选解决方案。内衬纸原料：书写纸，铜版纸，特种纸，合成纸，布料等。

ZTC-700K Automatic Fast Speed Inner Lminating Machine uses servo drive, photoelectric positioning, servo correction and other latest technology as well. This machine can automatically finish the inner paper feeding, gluing, cardboard feeding, positioning and flattening processes with high accuracy, fast speed and high quality .Thus this machine is the preferred solution for printing and packaging enterprises to make the hardcover inner laminating process.Material of inside lining paper including writing paper;coated paper;specialty paper;synthetic paper;cloth etc.

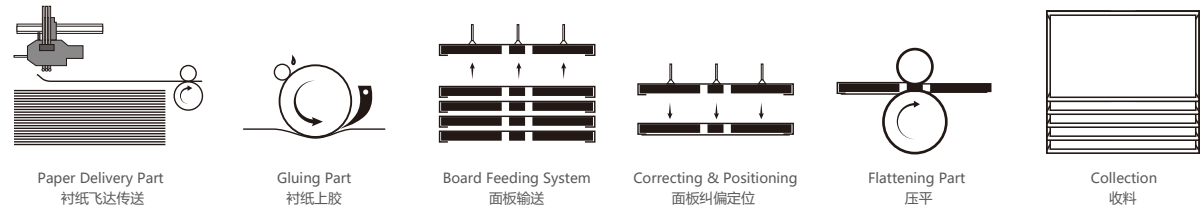
型号	Model	ZTC-700K
封面最大规格	Maximum size	450×700mm
封面最小规格	Minimum size	140×190mm
封面厚度	Board thickness	1-3mm
内衬纸厚度	Paper weight	105~210g
生产速度	Maximum speed	20-35Pieces/min
整机功率	Power supply	13.5kw
整机重量	Machine weight	2500kg
外形尺寸	Dimension (LxWxH)	6500×2200×1850mm
定位精度	Positioning accuracy	±0.2mm

### 功能与特点

- 1.同行业首家采用专业的印刷机飞达，调整方便快捷，高速运行，性能稳定可靠
- 2.光电定位，伺服纠偏装置，能将封面迅速、准确的定位于内衬纸上
- 3.触摸屏操作系统，能直接显示机器故障原因，使操作更为简捷，维护更为方便
- 4.送板机构采用上吸式飞达，有效解决了产品表面产生擦痕的难题

### Functions and features

- 1.The first enterprise to adopt professional feeder which is dedicated to printing machine in the industry. It enables adjustment convenient and fast, high speed production, performance stable and reliable.
- 2.The photoelectric detecting and servo correcting unit assist the board laminating on the inner paper quickly and accurately.
- 3.The operating system with touch-screen can display the machine fault and hint directly which makes the operation more convenient as well as rapid troubleshooting.
- 4.Adopting up suction feeder is an effective solution to the problem of surface scratches.



### 主要配置

- 日本松下PLC、变频器、温控仪
- 日本松下伺服电机
- 日本NSK轴承
- 日本好利旺真空泵
- 德国劳易测光感元件
- 台湾亚德客气动元件

### Main Configurations

- Japanese Panasonic PLC, Frequency converter
- Japanese Panasonic servo motor
- Japanese NSK Bearings
- Japanese ORION Vacuum Pump
- German LEUCE photosensor
- Taiwan Airtac Pneumatic Component





# QZB-1300 纸板分切机

## Cardboard Slitting Machine

QZB-1300 纸板分切机是我公司在引进全新德国技术的基础上，结合国内实际，开发研制的一种新型纸板分切设备。该设备采用PLC控制自动进给纸板，不但分切速度快，而且精度高，解决了过去用切纸机裁切纸板精度不够的历史难题。是配套彩盒包装企业理想的纸板分切设备。

QZB-1300 Cardboard slitting machine is a new type cardboard slitting equipment, which was developed on basis of introducing German new technology and integrating the domestic market requirement.This machine uses PLC control automatic board feeding unit and reaches the high cutting speed as well as high accuracy performance. It is the best choice for the color box packaging enterprises doing board slitting.

型号	Model	QZB-1300
最大分切宽度	Maximum slitting width	1260mm
最小分切宽度	Minimum slitting width	50mm
纸板厚度	Board thickness	1-3mm
功率	Power	3kw
外形尺寸	Dimensions (LxWxH)	2500×1650×1200mm
整机重量	Weight	1950kg
刀片数量	Group of knife	7 Pieces

### 功能与特点

- 1.PLC控制自动进给纸板，提高了生产速度，减少了劳动强度
- 2.变频无级调速，使生产效率大为提高
- 3.分切精度高，能满足高档精品盒对纸板的精度要求
- 4.采用触摸屏操作控制系统，使操作与维护更为简捷、方便
- 5.自动收料机构，使裁切出的成品排列整齐，便于整理，减少劳动强度，提高了生产效率。

### Functions and features

- 1.PLC controls automatic board feeding, which improves production speed and reduces labor intensity.
- 2.Frequency converter with stageless speed regulating enhances production efficiency greatly.
- 3.High cutting accuracy satisfies the high-precision requirement of luxury cardboard box products.
- 4.The operation system with touch-screen can display the machine fault and hint directly which makes the operation more convenient as well as rapid troubleshooting.
- 5.Automatically delivery system makes the product output even and easy correction,it also reduces labor and enhance production efficiency.

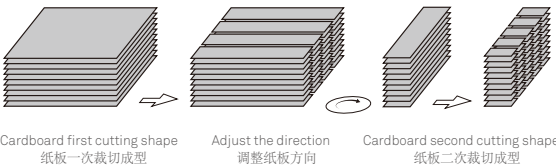
### 主要配置

松下变频器  
超硬合金圆形分切刀具  
松下PLC  
进口触摸屏  
台湾银泰直线导轨

### Main Configurations

Panasonic frequency converter  
Hardness slitting cutting knives.  
Panasonic PLC  
Imported Touch Screen  
Taiwan PMI Linear Slideway

### 工艺流程示意图 Process Flow

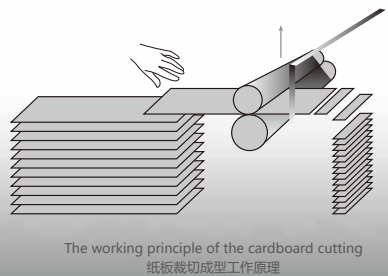


# QZT-400 切中条机

## Spine Cutter

QZT-400型切中条机是我公司新开发出的一种与纸板分切机配套的设备，其主要作用就是裁切文件夹、书刊封面和书壳式包装盒的中缝纸板。

QZT-400 Spine Cutter is our new developed equipment to cut the spine strip of folder, book covers and package box etc. It is the auxiliary equipment for the case making machine.



型号	Model
最小分切宽度	Minimum spine width
最大分切宽度	Maximum spine width
最大纸板厚度	Maximum board thickness
最大分切长度	Maximum spine length
功率	Power
外形尺寸	Dimension (LxWxH)
整机重量	Weight

QZT-400
5mm
55mm
3mm
400mm
1.1kw
1300×1000×1200mm
600kg

该机采用独特的偏心轮传动结构，自动进给纸板，长度调节方便，不但裁切速度快，而且精度高，采用集中加油润滑，维护方便。

The machine uses the special eccentric cam drive structure to perform the automatic board feeding and length adjusting easily with high accuracy and central lubricant as well as convenient maintenance.



# QJ-50 自动切角机

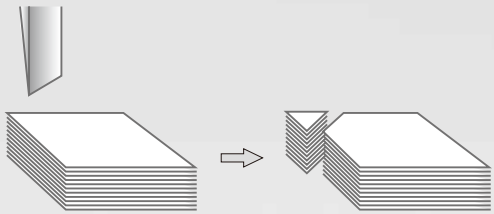
Angle Cutter



此机结构精细紧凑, 操作方便, 性能稳定, 可适用于裁切各种纸板及纸张的斜角。

The structure of this machine is fine and compact, and easy operateion with stable performance. It is suitable for cutting various paper angle.

型号	Model	QJ-50
裁切厚度	Cutting thickness	≤50mm
切角宽度	Cutting angle width	≤50mm
气压	Pressure	0.6MPa
机械尺寸	Machine size	845x450x1400mm
机械重重	Machine weight	120kg



# DK-170 礼盒打孔机

Hole-Punching Machine

DK-170型打孔机是我公司专门针对高档礼盒打穿绳孔的机器, 该机器采用日本进口钻头, 一次性打好四个穿绳孔, 精度高, 无毛边, 是高档礼盒生产企业的首选设备。

DK-170 Hole-punching Machine is especially developed for punching lacing hole for luxurious gift box. This machine uses Japan imported drill, can finish 4 lacing holes punching at one time without burr and with high accuracy. It is the first choice for luxurious gift box manufacturer.

型号	Model	DK-170
最大规格	Maximum width	400×820mm
最小规格	Minimum width	130×300mm
最大孔距	Maximum pitch-row	170×600mm
最小孔距	Minimum pitch-row	70×80mm
速 度	Speed	15-25m/min
功 率	Power	0.4KW
外形尺寸	Dimensions (LxWxH)	1000×1000×1200mm



# QYP-700 压平机

Flattening Machine

将已成型的精装封面书表面压平整, 消除气泡, 达到表面美观的目的。

Making the laminated book cover more adhesion, surface flat and exhaust the bubbles to reach the nice appearance of products.



# ZYP-700 压平机

Flattening Machine



三排压辊整平效果更好; 变频无级调速, 使用更方便。

Three sets of roller makes better flattening effects; adopts stepless frequency converter, easier to operate.



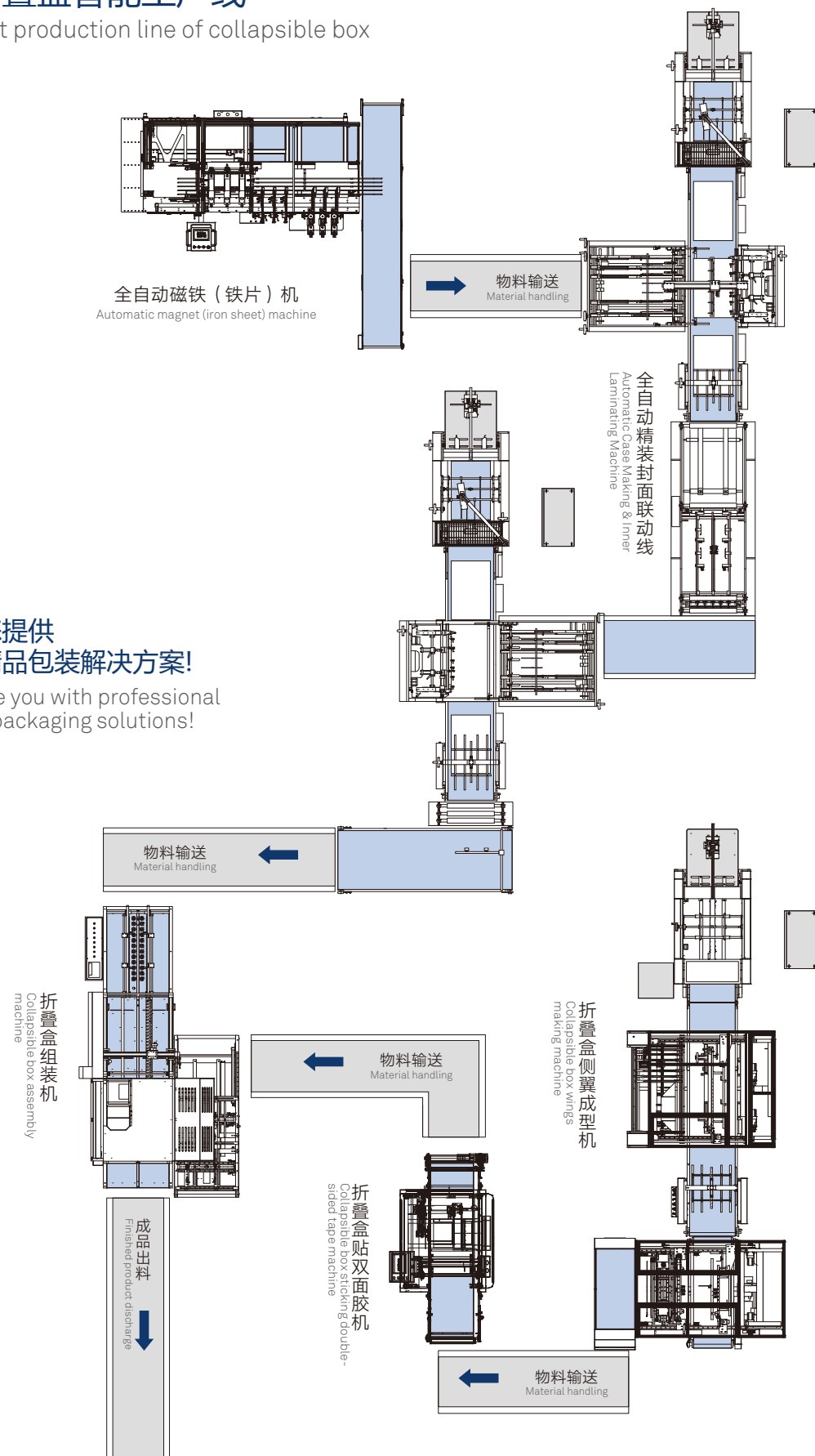
型号	Model	QYP-700	ZYP-700
压平宽幅	Folding width	700mm	700mm
整机重量	Weight	120kg	160kg
速度	Speed	30m/min	0-35m/min
功率	Power	0.75kw	0.75kw





## 精品折叠盒智能生产线

Intelligent production line of collapsible box



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专业的精品包装解决方案!

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boutique packaging solutions!

## 8-24-36小时制售后服务

我们始终不渝的重视产品质量，把高质量的材料、严格的制造标准及质量管理体系紧密结合，并不断完善售后服务体系。无论用户身在何处，都会得到及时的响应与支持，享受详尽的最新产品资讯与一流的售后服务。

### 8-24-36 Hour System After-sales Service

We always attach importance to product quality, closely integrate high-quality materials, strict manufacturing standards and quality management systems, and constantly improve the after-sales service system. No matter where the user is, he will receive timely response and support, and enjoy detailed latest product information and first-class after-sales service.

#### 维护

来自制造商的专业维护能确保设备发挥最佳性能。

#### Maintenance

Professional maintenance from the manufacturer can ensure the highest availability of the equipment.

# Global Sales Network

全球销售网络



**50<sup>+</sup>** Countries

覆盖全球50多个国家和地区  
Covering more than 50 countries and areas

**3000<sup>+</sup>** Customers

三千多家用户的信任与支持!  
Appreciate the faith and supports that we win from more than 3000 customers

- 技术无国界  
TECHNOLOGY WITHOUT BORDERS
- 服务无止境  
SERVICE WITHOUT LIMITS

无论您在何处，我们都将为您提供一流的产品，专业的服务!

No matter where you are, we will provide you with the highest quality products and the most professional service!