

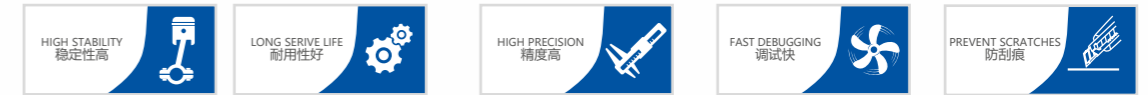
ZFM-700/900/1000/1350A

Automatic Case Making Machine (Three-print photoelectric detection, Servo positioning)

全自动封面机 (三点光电检测、伺服纠偏定位)

Highly Recommended: 2016 Newly Updated

重点推荐：2016款



- 成品幅面 **大**
最大成品尺寸可达 **1350×600**mm
The Finished Product Size Is Large 1350*600mm
- 复合精度 **高**
纸板与面纸复合定位可精确到 **±0.25**mm
The Positioning Accuracy Is High 0.25mm
- 调机时间 **快**
换板调机时间最快仅需 **30**分钟
The Adjustment Speed Is Fast 30 Minutes

ZFM-700/900B

Automatic Case Making Machine
全自动封面机

- 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



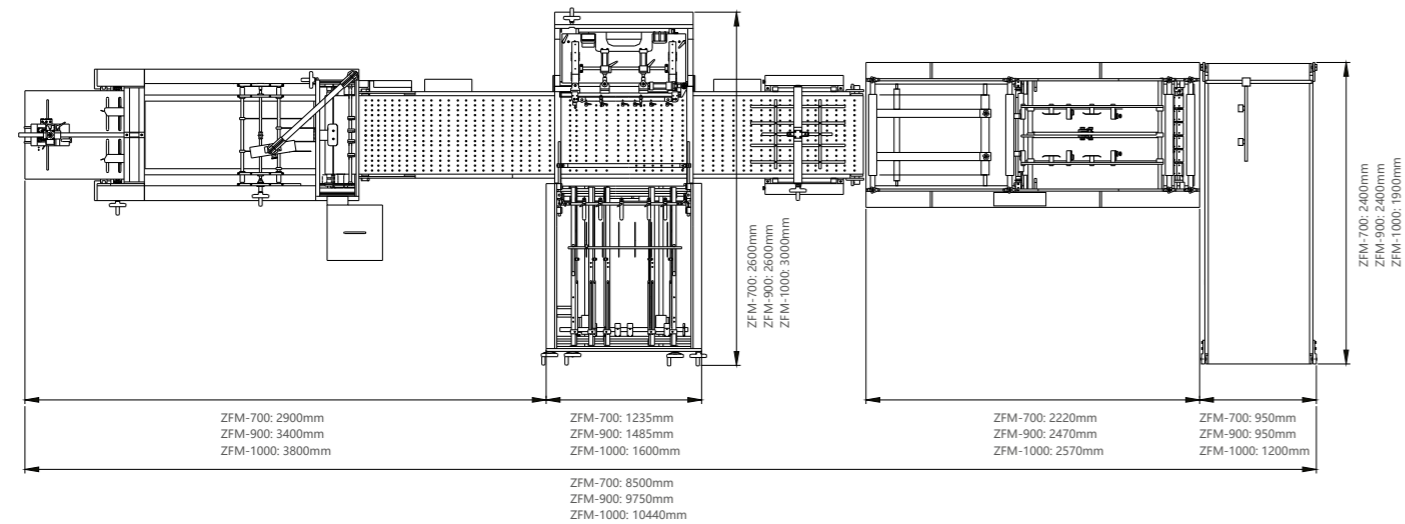
Automatic Case Making Machine

全自动封面机

ZFM-700/900/1000/1350 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, cigarttes, moon cakes, tea, mobile phones, underwear, handicrafts, and cosmetics etc, making file folders, calendars, and other hardcover books as well.

ZFM-700/900/1000/1350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，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、精装书封面等最有效的解决方案。

MAIN SPECIFICATION 机器结构示意图

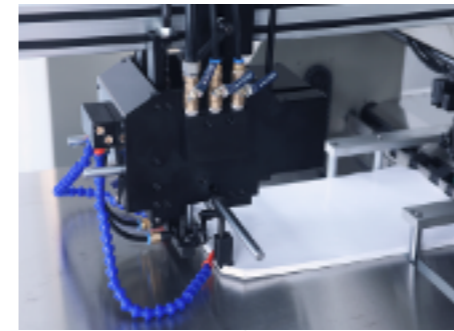


MAIN SPECIFICATION 主要技术参数

Model	型号	ZFM-700A/B	ZFM-900A/B	ZFM-1000A	ZFM-1350A
Maximum size	最大产品规格	450mm×720mm	450mm×950mm	600mm×1050mm	600mm×1350mm
Minimum size	最小产品规格	90mm×180mm	90mm×180mm	140mm×240mm	140mm×240mm
Board thickness	纸板厚度	1.0-3.0mm	1.0-3.0mm	1.0-3.0mm	1.0-3.0mm
Paper weight	面纸厚度	105-210g	105-210g	105-210g	105-210g
Maximum speed	生产速度	20-30 Pieces/min	20-30 Pieces/min	15-25 Pieces/min	10-20 Pieces/min
Power supply	整机功率	16KW	17.5KW	18KW	19KW
Dimension (LxWxH)	外型尺寸	8500×2600×1500mm	9750×2600×1500mm	10440×3000×1500mm	11500×3000×1500mm
Machine weight	整机重量	3500kg	4000kg	5000kg	6000kg
Positioning accuracy	定位精度	A:±0.25mm/B:±0.75mm	A:±0.25mm/B:±0.75mm	±0.5mm	±0.5mm
Boards amount	纸板数量	1-6 Pieces	1-6 Pieces	1-6 Pieces	1-5 Pieces
Minimum spine width	中心板最小宽度	8mm	8mm	8mm	8mm
Minimum side-board width	侧板最小宽度	25mm	25mm	25mm	25mm

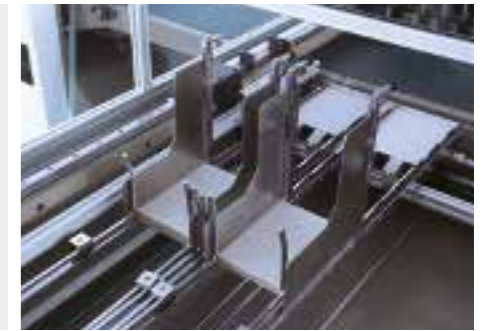
REMARK 备注:

- The maximum and minimum sizes of the covers are subjected to those of the paper and the quality of the paper.
- 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.
- 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。
- 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会影响到机器的速度。



2 Gluing Unit 上胶系统

Paper conveying structure with automatic constant temperature heating function to prevent roller sticking paper caused by water vapor. 面纸输送机带自动恒温加热功能，防止送纸辊固水汽粘连纸张而送纸不畅。



3 Board Feeding System 纸板输送系统

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. 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。

1 Paper Feeder 送纸系统 (面纸)

The unique double sheets detection system avoids and solves two or more sheets feeding problem. 独有的机械式后吸飞达及双张检测控制装置，有效解决了送纸双张及多张的问题。



5 Platform-based Folding System 平台式折边系统

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. 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。



4 Photo Sensor Positioning System 光电定位系统

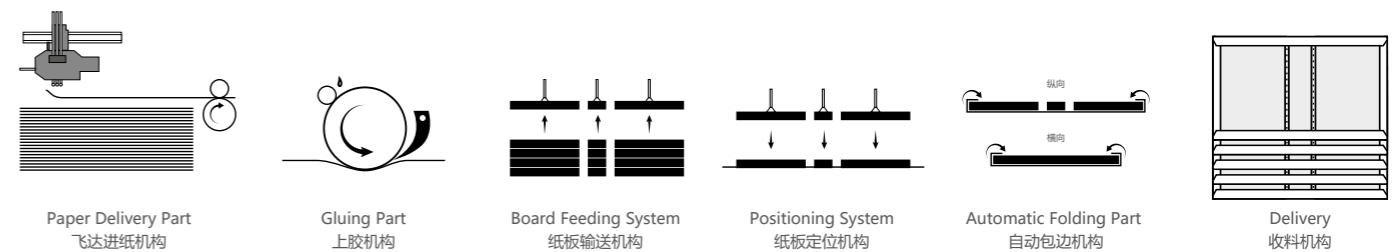
Three-point photoelectric detecting and servo positioning system, correcting system, enables to enhance the accuracy of the lamination of board and paper. 三点自动光电纠偏、伺服定位装置，能迅速有效地将纸板与面纸精确复合，定位精度高，彻底解决了精品包装图案偏差的历史难题。



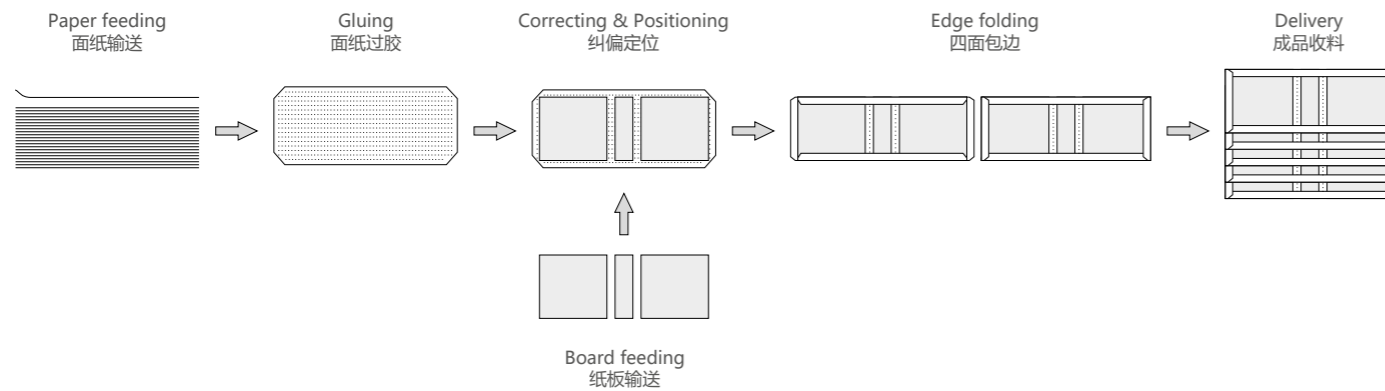
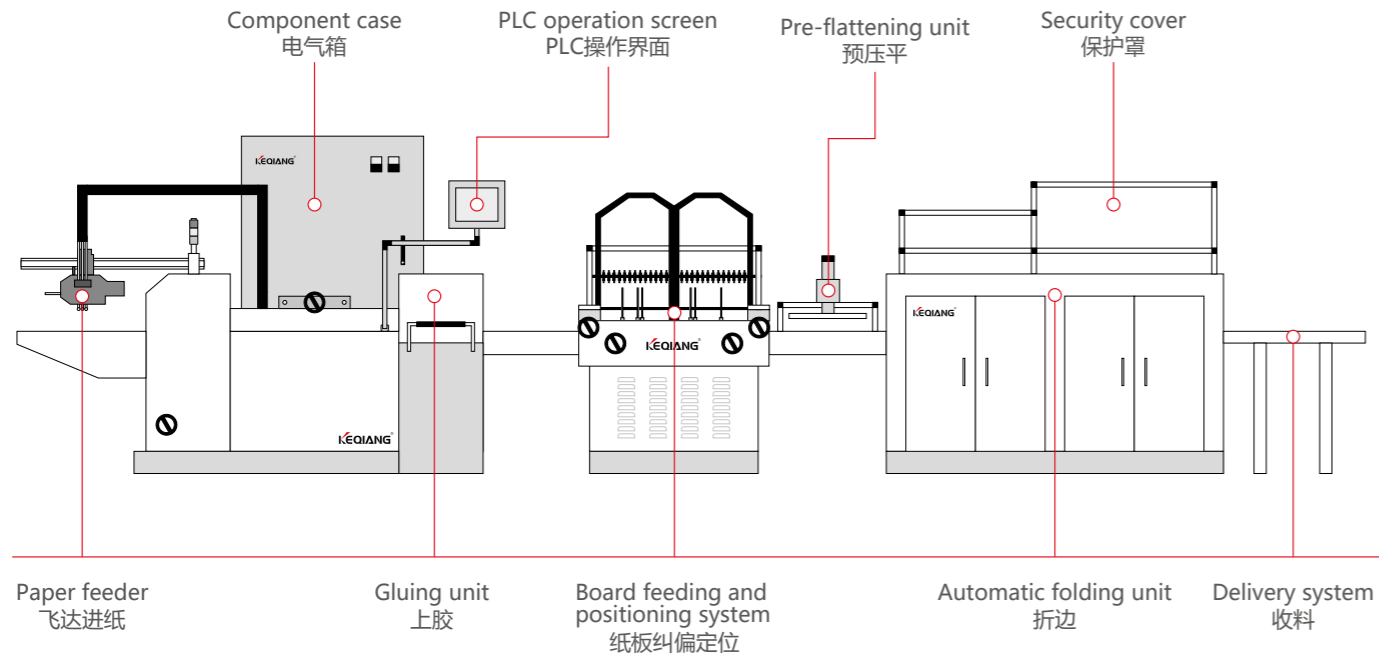
6 Delivery 收料系统

Automatic products delivery system, reduces the labor greatly. 成品自动收料系统，大大减小了操作人员的劳动强度。

MAIN SPECIFICATION 工作流程及原理



AUTOMATIC CASE MAKING MACHINE PLANAR GRAPH
全自动封面机平面图



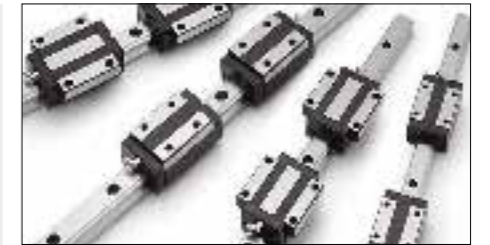
PRODUCT DIAGRAM
产品成型示意图



This picture shows the inner laminating
此图贴内衬示意图



The whole control system use a touch screen with operation menu so as to make operation convenient
整机操作系统采用触摸屏人机界面，使操控更方便、直接。



Import linear slideway ensures the machine performance with high accuracy and long-life service
进口直线导轨，保证设备高精度、耐用性。

The electrical components are from Panasonic frequency converter and PLC which ensure stable and reliable performance
电气系统采用松下变频器及PLC，性能稳定可靠。



The belt conveyor system use Panasonic servo motor drive unit
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 imported specific photo sensor ensures the accurate positioning.
采用进口专用光电传感器，实现纸板的精准定位。

MAIN CONFIGURATIONS 主要配置

Japanese Panasonic PLC, Frequency converter, Temperature controller
日本松下PLC、变频器、温控仪

Taiwan HIWIN linear slideway
台湾上银直线导轨

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

Japanese Panasonic servo motor
日本松下伺服电机

Japanese CKD pneumatic element
日本CKD气动元件

French Schneider electric
法国施耐德电气

Korean NSK moto unit
韩国NSK运动单元

German SICK photosensor
德国施克光感元件

Taiwan DLEE DC motor
台湾爱德利直流电机

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