

- Automatic Case Making & Inner Laminating Machine
全自动精装封面联动线
- Automatic Case Making Machine
全自动封面机
- Automatic High Speed laminating machine
全自动高速贴内衬机
- Cardboard Slitting Machine
纸板分切机



KEQIANG[®]
KEQIANG OF CHINA, KEQIANG OF THE WORLD
中国的科强 世界的科强

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It may be no further notice if some of machine structure and technical parameters are changed.
机器结构及技术参数如有更改，恕不另行通知。

ABOUT KEQIANG
关于科强

Wenzhou Keqiang Machinery Co., Ltd is council member of China Printing and Printing Equipment Industries Association, and National High-tech Enterprise, Zhejiang Scientific and Technological Enterprise. We specialize in post-printing process and paper packaging equipment developing and manufacturing. The main products are automatic case making machine, wine case & cigartte case production line, cell phone box production line, automatic folding machine, gluing machine, cardboard slitting machine, flattening machine etc, which are used for packaging products like wine, cigarette moon cakes, tea-leaf, mobile phones, underwear, craft works and cosmetics and making files, calendars and hard covers. These machines will enhance the products quality and also improve the production efficiency greatly.

Our machines have obtained CE certificate and included many issued national patents. We set up a long-term friendly cooperation relationship with printing and packaging equipment agent in the countries and districts of America, Europe, Southeast Asia and Middle East and win great appraise from them.

We have been devoting on increasing new product development, and keeping in touch with the advanced domestic and foreign counterparts to share experiences and technology. We welcome all the clients' valuable comments and suggestions to keep our products in the front of our area.

With the principle of scientific rigour and the spirit of seeking innovation, Keqiang working team will spare no effort to produce world-class products.

温州科强机械有限公司，为中国印刷及设备器材工业协会理事单位，国家高新技术企业，浙江省科技型企业。专业致力于纸制品包装设备的研发与制造，主要产品有：全自动封面机、酒盒烟盒生产线、手机盒生产线、上胶机、纸板分切机等，产品通过了欧盟CE认证，并拥有多项国家专利，适用于印刷包装企业大批量生产：白酒、香烟、月饼、茶叶、手机、内衣、工艺品、化妆品等外包装及文件夹、台历、笔记本、精装书封面等等，不但能全面提升产品质量和档次，而且大大提高了生产效率。

公司本着“科技先行，质量为本，诚信经营，热忱服务”的宗旨，与全国各地及美洲、欧洲、东南亚、中东等国家和地区的印刷包装设备代理商建立了长期友好合作关系，产品深得广大用户好评。

我们深知，质量是企业生存的基础，而科技创新是企业赢得客户，持续发展的必由之路。为此，我们不断加大新产品开发力度，并保持与国内外同行进行先进的经验和技术交流，努力征求客户的宝贵意见和建议，使我们的产品始终站在行业的前沿。我们坚持以科学严谨的作风，勇于开拓的精神，持续改进，不断创新，努力打造世界一流产品！



FOCUS ON COVER MAKER AREA
WE MASTER THE CORE TECHNOLOGY
专注封面机领域 我们掌握核心技术

HARD COVER PRODUCTION LINE
精装封面联动线系列

- 1 QZFM-700/900 Automatic Case Making & Inner Laminating Machine
全自动精装封面联动线

CASE MAKING MACHINE SERIES
封面机系列

- 5 ZFM-700/900/1000/1350A Automatic Case Making Machine (Three-point photoelectric detection, Servo positioning)
全自动封面机 (三点光电检测、伺服纠偏定位)
- 7 ZFM-700/900B Automatic Case Making Machine
全自动封面机
- 13 FM-700/900/1000/1350 Semi-automatic Case Making Machine
半自动封面机
- 15 SXJ-650/1000 Manual Gluing Machine
手纸纸上胶机
- 16 ZSB-550 Double Edge Folding Machine
折双边机
- 16 QYP-700、ZYP-700 Flattening Machine
压平机

INNER LAMINATING MACHINE SERIES
内衬机系列

- 17 ZTC-700/900/1000/1350 (A/B) Automatic Inner Laminating Machine
自动贴内衬机
- 19 ZTC-700/900/1000/1350C Automatic Inner Laminating Machine
自动贴内衬机
- 21 GZTC-700 Automatic High Speed laminating machine
全自动高速贴内衬机

CARDBOARD SLITTING MACHINE
纸板加工设备

- 22 QZB-1300 Cardboard Slitting Machine
纸板分切机
- 23 QZT-400 Spine Cutter
切中条机
- 23 QJ-80 Angle Cutter
电动切角机
- 24 KC-1000 Grooving Machine
开槽机
- 24 QJ-30 Manual Angle Cutter
手动切角机

ENTERPRISE TENET
企业宗旨

QUALITY FIRSTLY; MANAGING SINCERELY; SERVING WARMLY
科技先行 质量为本 诚信经营 热忱服务

ENTERPRISE TASK
企业任务

TO PROVIDE CUSTOMERS WITH THE BEST MANUFACTURING SOLUTIONS
为客户提供优质的产品和生产解决方案

ENTERPRISE SPIRIT
企业精神

STRUGGLE; INNOVATION; HIGH EFFICIENCY; INTEGRITY
团结奋斗 开拓创新 优质高效 诚实守信

TALENT CONCEPT
人才理念

PEOPLE-ORIENTED, EXCELLENCE-VALUED, OUTSTANDING-SELECTED
以人为本 用人唯贤 竞争择优 德才并重



WE PROVIDE YOU WITH THE MOST AUTHORITATIVE AND PROFESSIONAL PACKAGING SOLUTIONS!

为您提供权威、专业的精品包装盒解决方案!

KEQIANG[®]
科强·机械

Cellphone Box	手机盒	Game Board Puzzld	游戏拼版
Luxurious Cigarette Case	精品香烟盒	Cook Book	精装食谱
Wine Box	酒盒	Hard Cover Book	精装书
Tea Box	茶叶盒	Hard Cover Notebook	硬壳笔记本
File Folder	文件夹	Mooncake Case	月饼盒
CD Box	CD盒	Food Case	食品盒
Calendar	台历	Artcraft Case	工艺品盒
Cosmetics Case	化妆品盒	Wallpaper Samples	墙纸样本
Albums	相册	Certificate Honor	荣誉证书



QZFM-700/900

Automatic Case Making & Inner Laminating Machine 全自动精装封面联动线



Finish four-side folding and inner paper laminating at one time , Latest technology , National initiative
四面包边及贴内衬纸一次完成，最新工艺，国内首创

QZFM-700/900 Automatic Case Making & Inner Laminating Machine is our main product through the market survey and research in a long period time. It intergates our years of experience in manufacture and high-tech to meet the requirement of domestic and foreign customers. QZFM-700/900 Automatic Case Making & Inner Laminating Machine can establish a production line with an inner laminating machine so as to reduce the production period. QZFM-700/900 Automatic Case Making & Inner Laminating Machine satisfies customers' requirement of high quality, high accuracy, high speed and low labor during production.

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、表面平整等工序，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、内衣盒、工艺品盒、化妆品盒等外包装产品以及生产文件夹、台历、精装书封面等最全面的解决方案。



MAIN SPECIFICATION 主要技术参数

Model	型号	QZFM-700	QZFM-900
Maximum size	最大产品尺寸	450mm×700mm	450mm×900mm
Minimum size	最小产品尺寸	140mm×240mm	140mm×240mm
Board thickness	纸板厚度	1.0-3.0mm	1.0-3.0mm
Paper thickness	面纸厚度	100-200g	100-200g
Speed	生产速度	15-25Pieces/min	15-25Pieces/min
Power supply	整机功率	30KW	32KW
Dimension (LxWxH)	外型尺寸	13000×3500×1850mm	15000×3500×1850mm
Weight	整机重量	6500kg	8000kg
Boards amount	纸板数量	1-3Pieces	1-3Pieces

MAIN CONFIGURATIONS 主要配置

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

Japanese Panasonic servo motor
日本松下伺服电机

Korean NSK moto unit
韩国NSK运动单元

Taiwan HIWIN linear slideway
台湾上银直线导轨

Japanese CKD pneumatic element
日本CKD气动元件

German SICK photosensor
德国施克光感元件

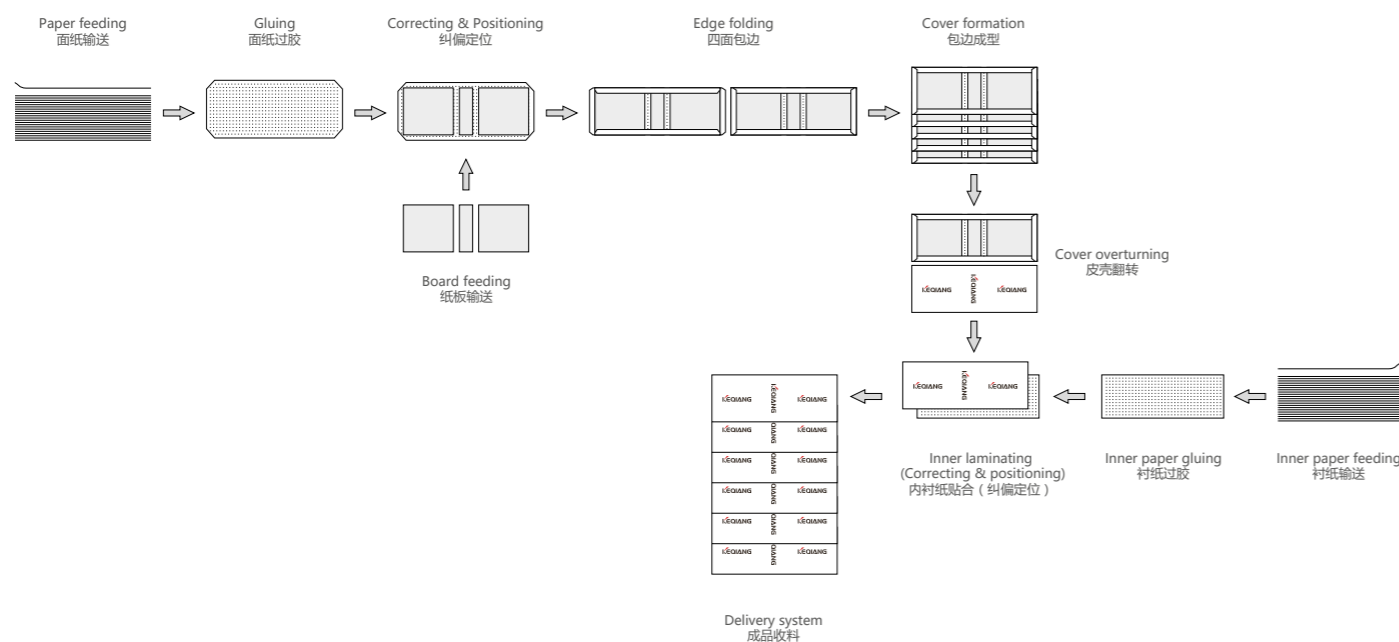
Advanced wear-resistant automotive transmission shaft
高级耐磨汽车传动软轴

Schneider electric
法国施耐德电气

Taiwan DLEE DC motor
台湾爱德利直流电机

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PROCESS FLOW 机器工艺流程



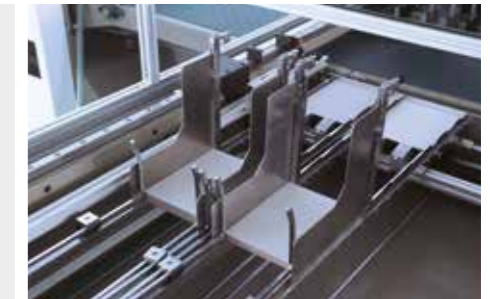
1 Paper Feeder 送纸系统 (面纸)

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。



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。



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。



4 Photo Sensor Positioning System 光电定位系统

Three-print 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



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



6 Paper Feeder (Inner paper) 送纸系统 (衬纸)

The unique double sheets detection system avoids and solves two or more sheets feeding problem. 独有的双张检测控制装置, 有效解决了双张及多张的问题。



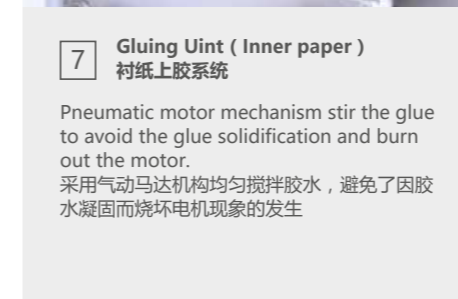
8 Photo Sensor Positioning System 皮壳纠偏定位系统

Automatic three-print photo sensor position correcting system, which is able to enhance the accuracy of the lamination of cover and inner paper. 三点自动光电纠偏、伺服定位装置, 能迅速有效地将已包好边的皮壳与内衬纸精准复合。



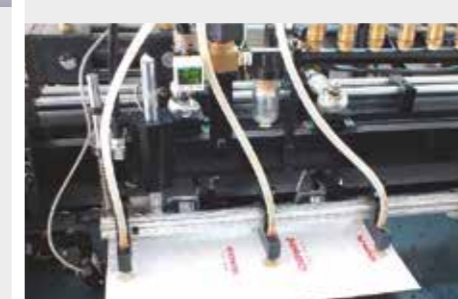
9 Delivery 收料系统

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



7 Gluing Unit (Inner paper) 衬纸上胶系统

Pneumatic motor mechanism stir the glue to avoid the glue solidification and burn out the motor. 采用气动马达机构均匀搅拌胶水, 避免了因胶水凝固而烧坏电机现象的发生



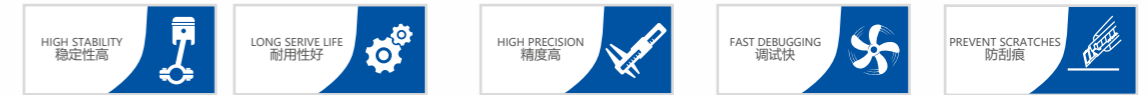
ZFM-700/900/1000/1350A

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



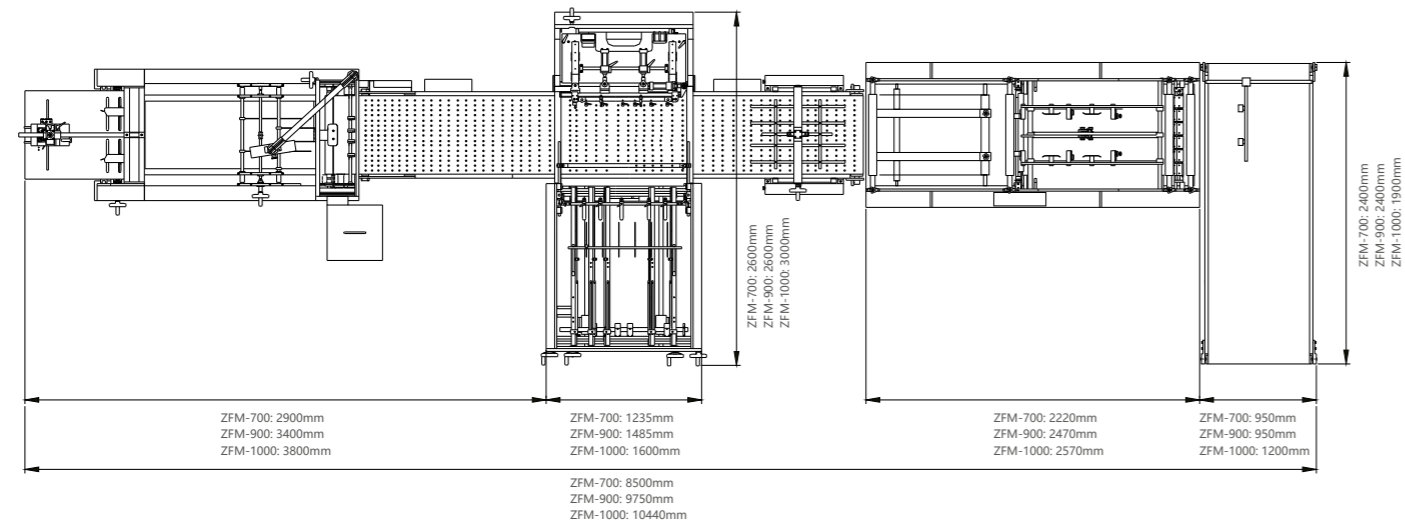
Automatic Case Making Machine

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

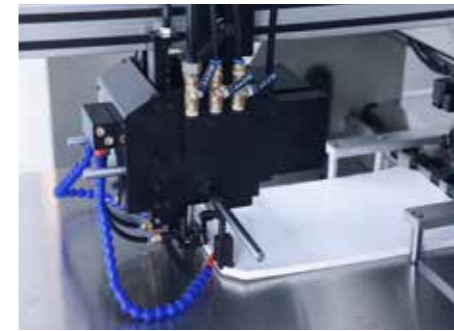


MAIN SPECIFICATION 主要技术参数

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

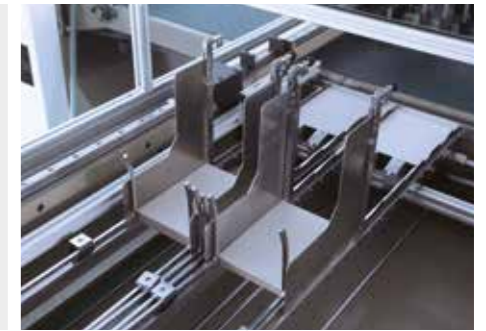
REMARK 备注：

- 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. 面纸输送机构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。

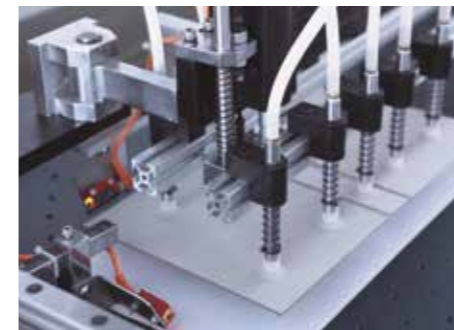


3 Board Feeding System 纸板输送系统

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

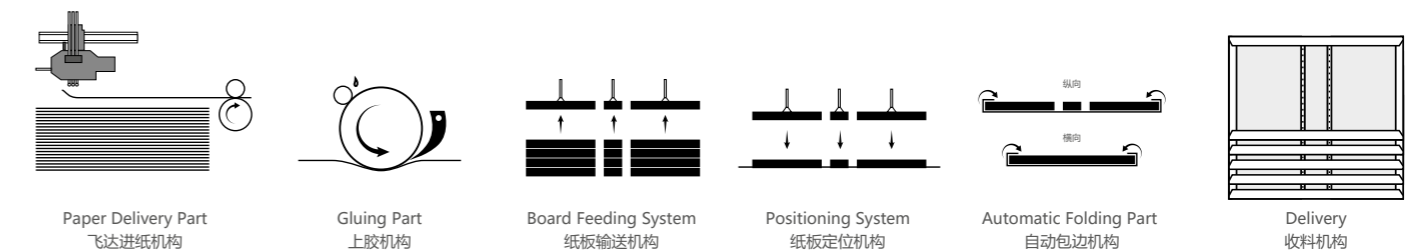
Three-point photoelectric detecting and servo positioning system, correcting system, enables to enhance the accuracy of the lamination of board and paper. 三点自动光电纠偏、伺服定位装置，能迅速有效地将纸板与面纸精确复合，定位精度高，彻底解决了精品包装图案偏差的历史难题。



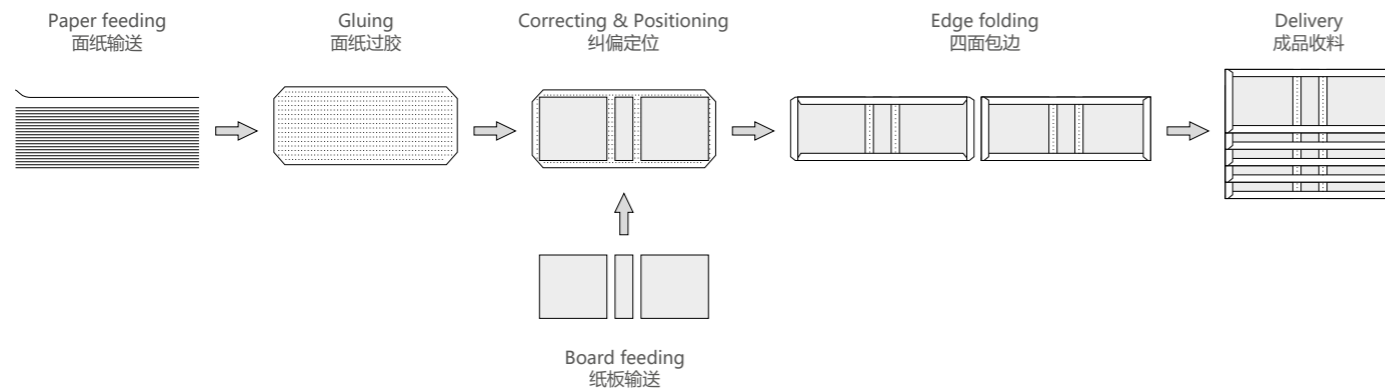
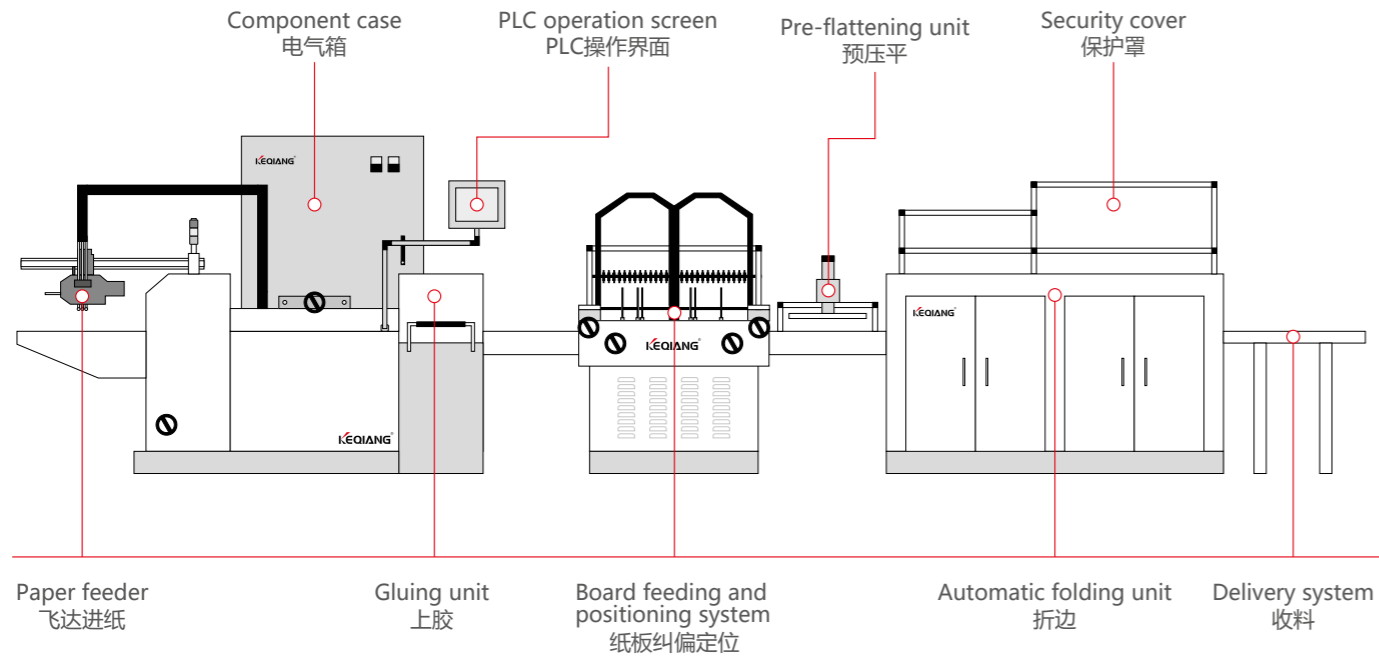
6 Delivery 收料系统

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

Japanese Panasonic servo motor
日本松下伺服电机

Korean NSK moto unit
韩国NSK运动单元

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Taiwan HIWIN linear slideway
台湾上银直线导轨

Japanese CKD pneumatic element
日本CKD 气动元件

German SICK photosensor
德国施克光感元件

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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

Taiwan DLEE DC motor
台湾爱德利直流电机

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FM-700/900/1000/1350

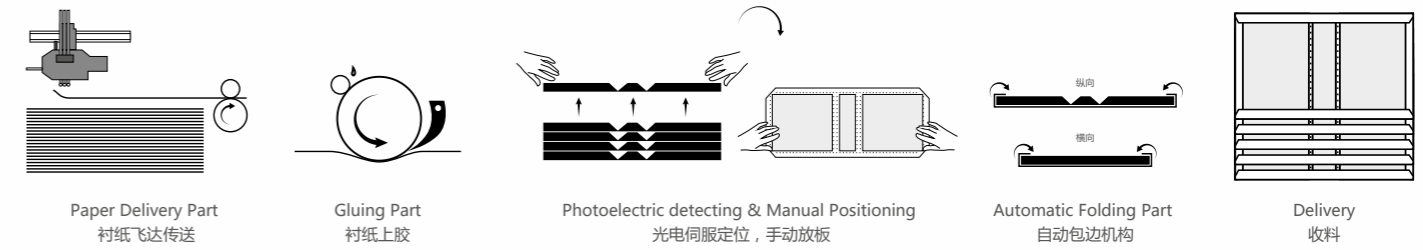
Semi-automatic Case Making Machine 半自动封面机

MAIN SPECIFICATION 主要技术参数

Model	型号	FM-700	FM-900	FM-1000	FM-1350
Maximum size	最大产品规格	450×720mm	450×950mm	600×1050mm	600×1350mm
Minimum size	最小产品规格	90×180mm	90×180mm	140×240mm	140×240mm
Board thickness	纸板厚度	1.0-3.0mm	1.0-3.0mm	1.0-3.0mm	1.0-3.0mm
Paper thickness	面纸厚度	100-200g	100-200g	100-200g	100-200g
Speed	生产速度	10-25Pieces/min	10-25Pieces/min	10-20Pieces/min	10-20Pieces/min
Power supply	整机功率	9.5KW	10KW	10.5KW	11KW
Dimensions (L×W×H)	外型尺寸	6800×1500×1500mm	7800×1500×1500mm	8200×1500×1500mm	9200×1500×1500mm
Weight	整机重量	2500kg	2800kg	3500kg	4200kg
Boards amount	纸板数量	1-4Pieces	1-4Pieces	1-4Pieces	1-4Pieces
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

FM-700/900/1000/1350 Series Semi-automatic Case Making Machine is an economical and practical production solution, specially designed for customers who are not in need of large production quantity. This machine applies unique paper feeding structure, servo conveying structure, mechanical angel pressing and folding structure, etc. It's not only convenient for operators to change boards and adjust, but also easy to learn. FM-700/900/1000/1350 Semi-automatic Case Making Machine is a big help for users to produce hard covers, table calendars, lever arch files, etc. in small and medium production quantity.

FM-700/900/1000/1350系列半自动封面机是我公司专门针对生产批量不大的用户而开发的一种经济、实用的生产方案。该方案采用独特的飞达送纸机构，输送带伺服传动机构，机械打角及包边结构，不但换板调节方便，而且简单易学，是广大用户生产精品包装及书刊的得力助手。



SXJ-650/1000

Manual Gluing Machine 手续纸上胶机

SXJ-650/1000 Manual Gluing Machine is our company special design for the customers in the printing and packaging industry. It is economic equipment to finish the paper gluing process. SXJ-650/1000型手续纸上胶机是我公司专门针对印刷包装企业开发出的一种经济实用的外包装纸张上胶涂布设备。

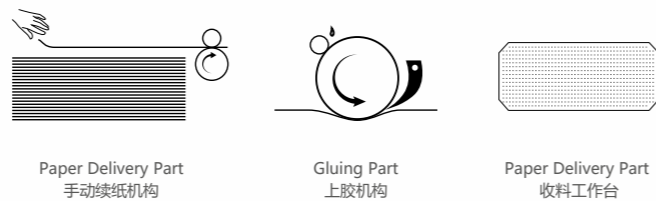
MAIN CONFIGURATIONS 主要配置

ATL frequency converter 爱得利变频器
Gluing roller with stainless material 不锈钢上胶辊
Glue tank with stainless material 不锈钢胶桶
Import glue circulating system 进口抽胶系统

MAIN SPECIFICATION 主要技术参数

Model	型号	SXJ-650	SXJ-1000
Paper thickness	适用纸张	100-210 g/m ²	100-210 g/m ²
Conveyor speed	输送速度	0-30 m/min	0-30 m/min
Power consumptions	整机功率	5.5 Kw	6.5 Kw
Dimensions (LxWxH)	外形尺寸	5500x1500x1100	5500x1850x1100
Weight	整机重量	1000Kg	1200Kg

Remark 注:
1. Standard conveyor belt length: 6m;
2. Other options: 3m, 4.5m, 7.5m, 9m.
1、上胶机输送带标准长度为6米;
2、同时有3米、4.5米、7.5米、9米等多种规格可供选择。



MAIN FEATURES 性能特点

- The glue temperature can be adjusted to reach the desired viscosity.
- Pre-setting the glue automatic heating time to distribute reasonably the production preparation time.
- Gluing and belt conveyor speed are controlled by the frequency-converter and makes machine running stable and easy operation.
- Glue pumping system uses the frequency-converter to reach stageless speed control and makes glue even.
- The vacuum blower under the belt conveyor provide a suction and makes paper flat on the belt conveyor.
- 可根据需要调节胶水温度,使胶水达到最理想的粘状态
- 可提前设定胶水自动加热时间,使生产效率大大提高
- 上胶及输送带速度采用变频器实行无级调速,不但性能稳定,而且方便不同熟练程度的工人使用
- 抽胶泵速度采用变频无级调速,不但轻松实现控制胶水涂布的厚薄,而且使抽胶泵使用寿命大大延长
- 输送带下面有抽真空装置,使上胶后的纸张表面平整,不但方便工人操作,而且使做出来的产品更美观

ZSB-550

Double Edge Folding Machine 折双边机

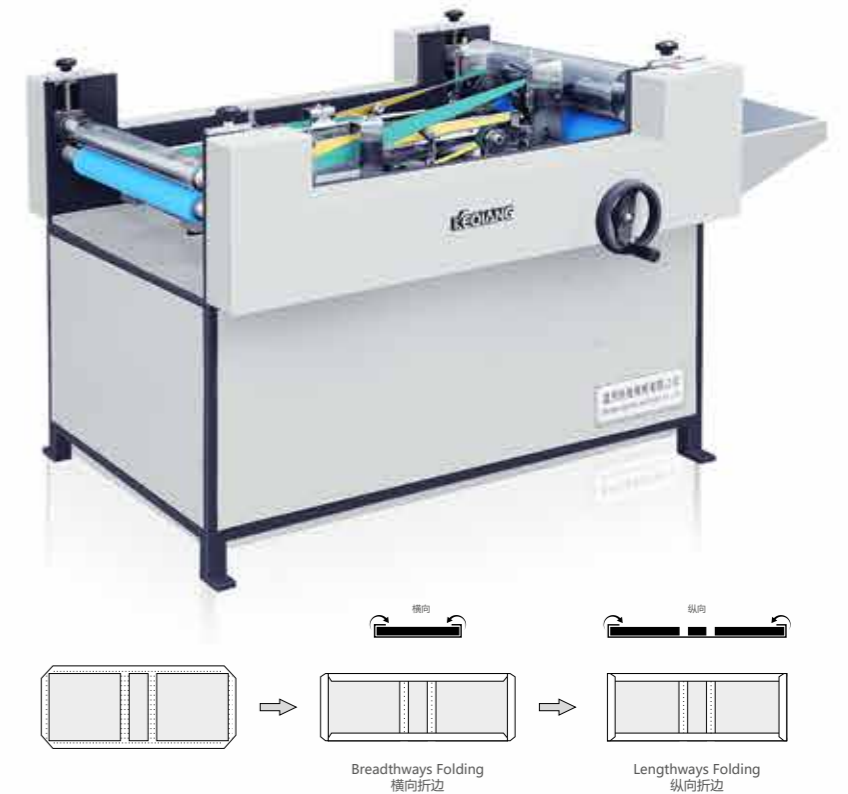
This machine is mainly used for product packing of book cover. Fold the laminated glued paper for right and left sides and then paste it tighten. 用于精装封面式产品包装,将已上胶的面纸与内衬纸板粘合,并将面纸左右两边同时包边并贴合。

MAIN FEATURES 性能特点

Frequency inverter stepless regulating
Automatic correction for the material feeding
变频无级调速
进料部分自动纠偏

MAIN SPECIFICATION 主要技术参数

Model	型号	ZSB-550
Maximum width	最大宽幅	550mm
Minimum width	最小宽幅	100mm
Weight	整机重量	450kg
Speed	速度	0-30m/min
Power	功率	0.75KW
Voltage	电源	220V/50HZ
Dimensions (LxWxH)	外形尺寸	1920×1180×980mm



QYP-700

Flattening Machine 压平机



MAIN SPECIFICATION 主要技术参数

Model	型号	QYP-700	ZYP-700
Folding width	压平宽幅	700mm	700mm
Weight	整机重量	95kg	120kg
Speed	速度	30m/min	0-35m/min
Power	功率	0.37kw	0.37kw

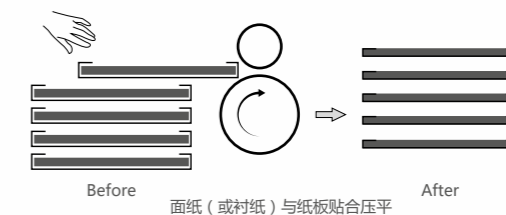
Making the laminated book cover more adhesion, surface flat and exhaust the bubbles to reach the nice appearance of product.
将已成型的精装封面书表面压平整,消除气泡,达到表面美观的目的。

MAIN FEATURES 性能特点

The machine can adjust the pressing pressure according to the board thickness.
可根据纸板厚度调节压力

ZYP-700

Flattening Machine 压平机



ZTC-700/900/1000/1350 (A/B)

Automatic Inner Laminating Machine 自动贴内衬机

ZTC-700/900A, 700/900B Automatic Inner Laminating Machine uses servo drive, optical scale positioning, servo correction and new technology as well. This machine can finish automatically the inner paper feeding, gluing, cardboard feeding, positioning and pre-flattening processes with high accuracy, fast speed and high quality product and provides inner laminating products solution at first time in the printing and packaging industry.
ZTC-700/900A, 700/900B 型自动贴内衬机采用伺服传动, 光控定位, 伺服纠偏等最新技术, 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。

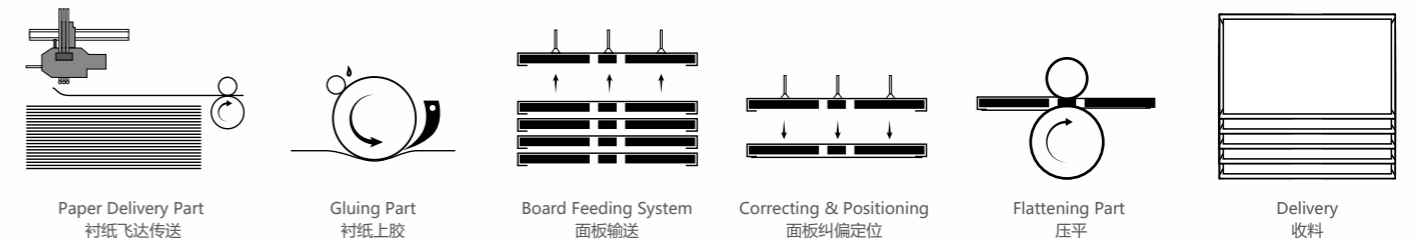
MAIN FEATURES 性能特点

- The double sheets detect system with our own patent and provide the effective solution of double or more sheets feeding problem.
- The photoelectric detecting and servo correcting unit help the board laminating on the inner paper quickly and accurately. (It is equipped for type A only.)
- A special cam mechanism makes the machine performance more stable and reliable and low fault.
- The operating system with touch-screen can display the machine fault and hint directly so that operation is convenient and troubleshooting is fast.
- 拥有自主知识产权的双张纸检测控制装置, 有效解决输纸过程中的双张及多张问题
- 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 (此装置只适用于A型)
- 独特的凸轮传动机构, 使机器性能稳定可靠, 故障率大为减少
- 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

MAIN CONFIGURATIONS 主要配置

Imported optical scale linear slideway,
linear motion units
Panasonic PLC,
German optical sensor components
Imported servo drive system
Panasonic servo control system
Imported glue pumping system

进口光轴、直线导轨、直线运动单元、
松下PLC、德国光感元件、
进口伺服系统、
松下伺服控制传动系统、
进口抽胶系统



MAIN SPECIFICATION 主要技术参数

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



ZTC-700/900/1000/1350C

Automatic Inner Laminating Machine 自动贴内衬机

ZTC-700/900C Automatic Inner Laminating Machine uses servo drive, optical scale positioning, servo correction and new technology as well. This machine can finish automatically the inner paper feeding, gluing, cardboard feeding, positioning and flattening processes with high accuracy, fast speed and high quality product and provides inner laminating products solution at first time in the printing and packaging industry.

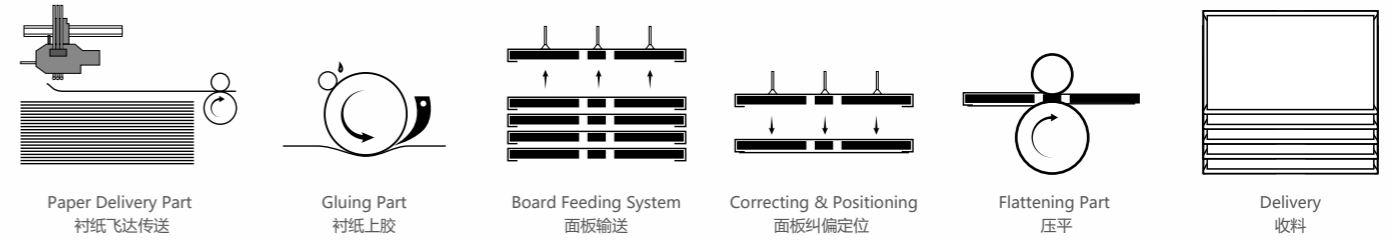
ZTC-700/900C型自动贴内衬机采用伺服传动，光控定位，伺服纠偏等最新技术，自动完成内衬纸进给，上胶，封面自动进给，定位，表面平整等工序，精度高，速度快，采用上吸式飞达，有效解决了产品表面产生擦痕的难题，是印刷包装行业将封面型产品贴内衬纸的首选解决方案。内衬纸原料：书写纸，铜版纸，特种纸，合成纸，布料等。

MAIN FEATURES 性能特点

- The double sheets detect system with our own patent and provide the effective solution of double or more sheets feeding problem.
- The photoelectric detecting and servo correcting unit help the board laminating on the inner paper quickly and accurately.
- Multi circulation board feeding unit enhances the board feeding speed greatly.
- A special cam mechanism makes the machine performance more stable and reliable and low fault.
- The operating system with touch-screen can display the machine fault and hint directly so that operation is convenient and troubleshooting is fast.
- Adopt up suction feeder is an effective solution to the problem of surface scratches
- 拥有自主知识产权的双张纸检测控制装置，有效解决输纸过程中的双张及多张问题
- 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
- 多路循环递板装置，使传送纸速度大为提高
- 独特的凸轮传动机构，使机器性能稳定可靠，故障率大为减少
- 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
- 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

MAIN CONFIGURATIONS 主要配置

Imported optical scale
linear slideway,
linear motion units
Panasonic PLC,
German optical sensor components
Imported servo drive system
Panasonic servo control system
Imported glue pumping system
进口光轴、直线导轨、直线运动单元、
松下PLC、德国光感元件、
进口伺服系统、
松下伺服控制传动系统、
进口抽胶系统



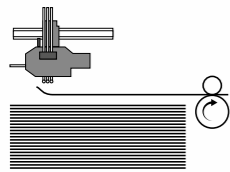
MAIN SPECIFICATION 主要技术参数

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



GZTC-700

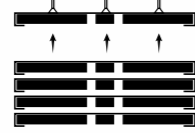
Automatic High Speed laminating machine 全自动高速贴内衬机



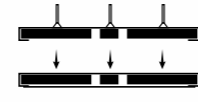
Paper Delivery Part
衬纸飞达传送



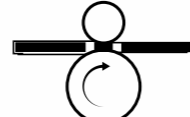
Gluing Part
衬纸上胶



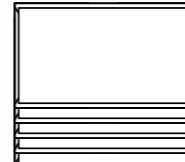
Board Feeding System
面板输送



Correcting & Positioning
面板纠偏定位



Flattening Part
压平



Delivery
收料



MAIN SPECIFICATION 主要技术参数

Min size	最小产品规格	120×100mm
Max size	最大产品规格	650×350mm
Electric thermal power	熔胶电热功率	6KW
Voltage	工作电压、频率	380V/ 50 ~ 60HZ
Paper weight	面纸厚度	80g ~ 210g
Board thickness	纸板规格	1.0mm ~ 4.0mm
Air pressure	工作气压	0.5 ~ 0.6mpa
Positioning accuracy	板、纸定位精度	±0.5mm
Machine Speed	最高生产速度	45~50Pieces/min
Machine power	整机功率	12.3KW
Machine size	整机外形尺寸	4000×1950×1600mm
Machine weight	整机重量	3500Kg

QZB-1300

Cardboard Slitting Machine 纸板分切机

QZB-1300 Cardboard Slitting Machine is base on German technology and integrate the domestic market requirement developed the new board slitting machine. This machine uses PLC control automatic board feeding unit and reach the high cutting speed and high accuracy performance. It is the best choice equipment for the color box packaging enterprises doing board slitting

QZB-1300 纸板分切机是我公司在引进最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最理想的纸板分切设备。

MAIN SPECIFICATION 主要技术参数

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



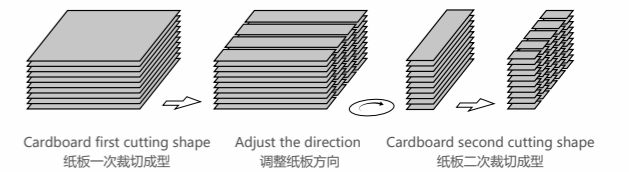
MAIN FEATURES 性能特点

- PLC controls automatic board feeding
- Stageless speed regulating with frequency converter enhance production efficiency greatly
- High cutting accuracy satisfy the accuracy requirement of luxury cardboard box product
- The operating system with touch-screen can display the machine fault and hint directly so that operation is convenient and troubleshooting is fast.
- Automatic delivery system makes the product output even and easy correction. Reduce labor and enhance production efficiency.
- PLC控制自动进给纸板，提高了生产速度，减少了劳动强度
- 变频无级调速，使生产效率大为提高
- 分切精度高，能满足高档精品盒对纸板的精度要求
- 采用触摸屏操作控制系统，使操作与维护更为简捷、方便
- 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。

MAIN CONFIGURATIONS 主要配置

Panasonic frequency converter 松下变频器
Hardness slitting cutting knives. 超硬合金圆形分切刀具
Panasonic PLC 松下PLC
Imported Touch Screen 进口触摸屏

PROCESS FLOW 工艺流程示意图



QZT-400

Spine Cutter 切中条机

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.

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。

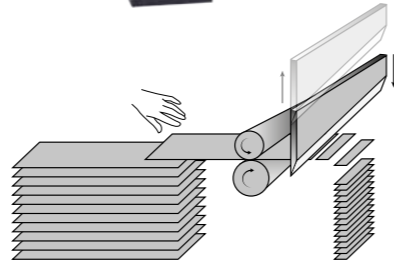
MAIN SPECIFICATION 主要技术参数

Model	型号	QZT-400
Minimum spine width	最小分切宽度	5mm
Maximum spine width	最大分切宽度	55mm
Maximum board thickness	最大纸板厚度	3mm
Maximum spine length	最大分切长度	400mm
Power	功率	1.1kw
Dimension (LxWxH)	外形尺寸	1300×1000×1200mm
Weight	整机重量	600kg

MAIN FEATURES 性能特点

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.

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 working principle of the cardboard cutting
纸板裁切成型工作原理

QJ-80

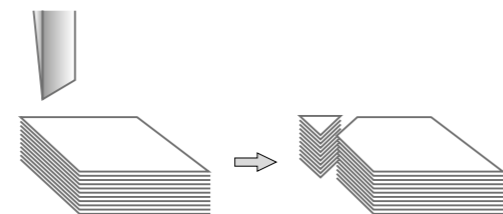
Angle Cutter 电动切角机



The structure of this machine is fine and compact, and easy operation with stable performance. It is suitable for cutting various paper angle. 此机结构精细紧凑，操作方便，性能稳定，适用于裁切各种纸板及纸张的斜角。

MAIN SPECIFICATION 主要技术参数

Model	型号	QJ-80
Paper height	纸张高度	≤80mm
Cutting width	切角宽度	≤40mm
Cutting speed	切角速度	85times/min
Motor power	电机功率	0.75kw/380v
Machine dimension	机械尺寸	1350x500x1200
Machine weight	机械重量	270kg



KC-1000

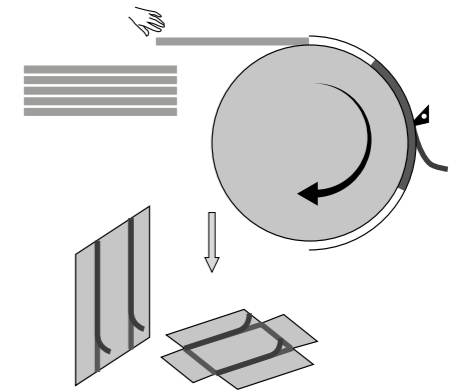
Grooving Machine 开槽机

This machine is specially designed for notching v type groove of industrial paperboard, grey board, MDF board and other kinds of cardboard. It adopts new structure of board conveying, wrapping the cardboard on the entire surface of the roller. It can guarantee the groove more accurate (no deviation) and straight. This machine has the features of high accuracy, fast speed and durable cutting blade.

本机是专业针对各种工业纸板、灰纸板、木板等各种板材开V槽。采用新型的输送纸板机构，把要开槽的纸板整个平面包在滚筒上，保证开槽的定位准确，没有偏差，开槽的直线性高。具有高精度、高速度、刀具耐用等特点。

MAIN SPECIFICATION 主要技术参数

Model	型号	KQ-1000
Width of cardboard	加工纸板宽度	100-950mm
Length of cardboard	加工纸板长度	100-950mm
Distance of each groove	开槽间距	0-830mm
Thickness of cardboard	纸板厚宽	0.5-4mm
Grooving degree	开槽角度	60-150°大小可调 adjustable
The amount of groove	同时开槽条数	9 pieces one time
Production speed	开槽速度	10-40m/min
Power	功率	2.2kw/380V
Dimensions (LxWxH)	外形尺寸	1500×1400×1600mm
Weight	整机重量	1200kg



QJ-30

Manual Angle Cutter 手动切角机



MAIN SPECIFICATION 主要技术参数

	型号	QJ-30
Cutting Height	切角高度	≤30mm
Cutting width	切角宽度	≤40mm
Weight	机器重量	75Kg
Size	外形尺寸	340×380×650mm

