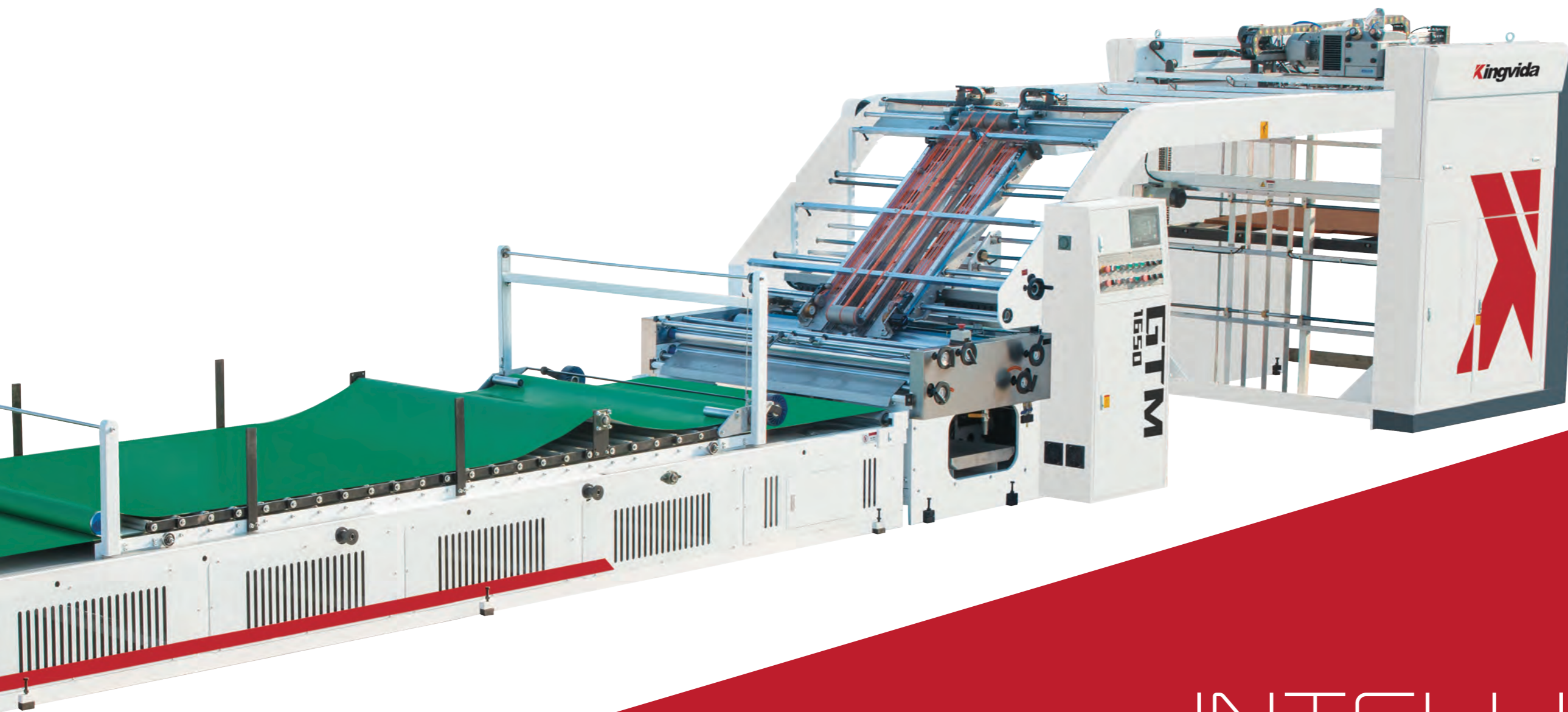


Kingvida[®]
金威达·印后方案



INTELLIGENT HIGH-SPEED FLUTE LAMINATING MACHINE

智能型高速裱纸机



金威达公众号



金威达官网



24小时服务热线：13315592123/13582888875

唐山市金威达印刷机械有限公司 | 精威达（北京）机械科技有限公司
Tangshan Kingvida Printing Machinery Co.,Ltd. | Beijing Kingvida Mechanical Technology Co.,Ltd.



GTM

智能型高速裱纸机

Intelligent high-speed flute laminating machine

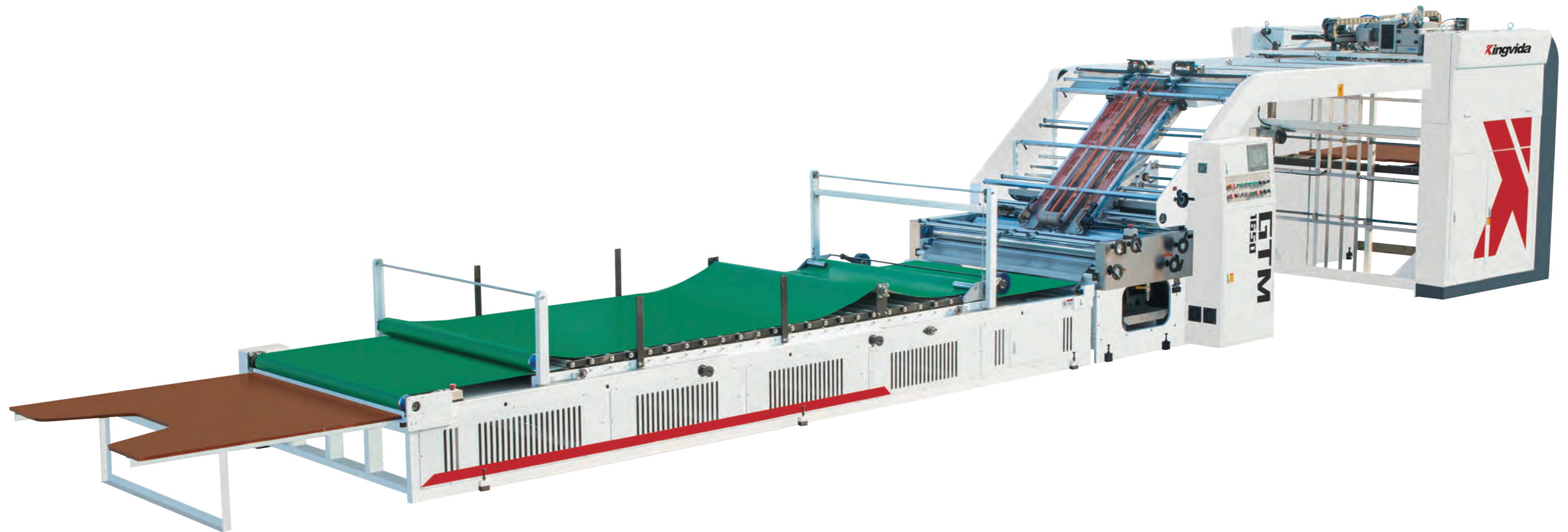
印刷设备整合解决方案专家
Printing equipment integration solution expert

GTM 智能型高速裱纸机，全伺服定位方式、更智能、更高效，引领高端智能。

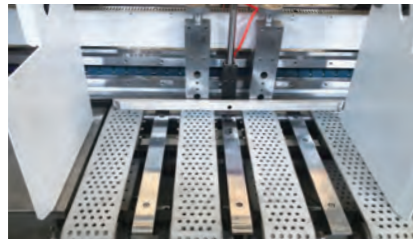
GTM intelligent high-speed flute laminating machine with full servo positioning, more intelligent, more efficient, leading high-end intelligence.

最高速度 Max.speed 13000 P/N

裱贴精度 Laminating Accuracy $\pm 1.5\text{mm/m}$



产品特点介绍



01

底纸送纸部 Bottom paper feeding

采用日本安川伺服电机控制系统，吸风皮带采用日本露达皮带，吸风采用美国 MAC 高速电磁阀，确保送纸高速稳定。纸张翘曲气动压平装置，保证翘曲纸张顺利输送。

Japan Yaskawa servo motor control system is adopted, the suction belt adopts Japanese Nida brand, and the suction adopts US MAC high-speed electromagnetic valve ensure high-speed and stable feeding. Warping paper pneumatic flattening device ensures the smooth conveyance of warped paper.

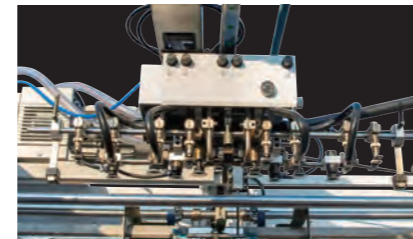


02

纠偏系统 Correction system

设备采用高端光电检测探头，精准检测面纸和瓦纸的相对位置，然后通过运动控制系统配合日本安川伺服控制系统对纸张两边进行相应的精准补偿，保证面纸与底纸的高速高精度贴合，提高产品合格率。

The equipment uses high-end photoelectric detection probes to accurately detect the relative position of surface paper and bottom paper, then the motion control system cooperate with Japan Yaskawa servo control system to accurately compensate the paper on both sides to ensure the high speed and high precision laminating of the surface paper and the bottom paper, the product qualification rate.



03

飞达送纸部 Paper feeding with feeder

采用高速飞达头，配合台湾上银直线导轨，保证高速送纸飞达稳定。四吸四送吸嘴，德国品牌 Becker 气泵。

Use high-speed feeder, in line with Taiwan's silver linear guide, to ensure high-speed feed fly stable. Four suction four suction nozzles, Germany brand Becker pump.

产品特点介绍

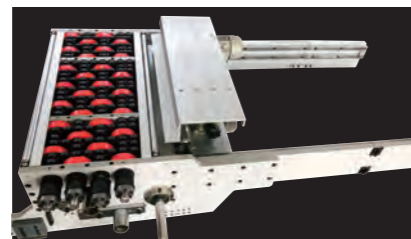


04

传动部 Drive Department

采用进口皮带传动，确保传动精确，高速运转稳定性高。压台涂胶采用镜面辊，保证精度清洁方便。

Adopt imported belt drive to ensure accurate transmission and high stability at high speed. Gumming at pressure table with mirror roller to ensure the accuracy, clean and convenient.



05

前缘送纸部 Lead edge feeding section

根据客户的产品需求，如果客户产品大幅面、E层、F层纸板，能保证宽厚纸翘曲纸板，输送高速稳定。可以选配前缘送纸机构。

According to the customer's requirements equipped with lead edge feed mechanism. If the paper are large-format, E-layer and F-layer corrugated it can ensure the thick and warping paper conveying stably in a high speed.



06

电控部 Electric department

本机变频器采用日本安川进口变频器、伺服驱动器，等高端电器品牌，保证设备运转稳定，故障率低，结合人机界面实现操作简单，一键调机，大大降低人员调机难度，提高工作效率。

The inverter and servo drives are Japanese Yaskawa brand ensure stable operation of equipment and low failure rate, combined with human-machine interface to make operation simply. One-key adjustment, greatly reducing the difficulty of personnel adjustment, and improving work effectiveness.

产品技术参数

产品型号	Model	GTM1450	GTM1650	GTM1900	GTM2100
最大用纸尺寸 (mm)	Max. paper size	1450×1450	1650×1650	1900×1650	2100×1650
最小用纸尺寸 (mm)	Mini paper size	450×380	500×380	500×380	500×380
机械最高速度	Machine speed	150m/min	150m/min	150m/min	150m/min
贴合精度	Fitting precision	±1.5mm/m	±1.5mm/m	±1.5mm/m	±1.5mm/m
面纸厚度	Max. thickness	200~500g/m ²	200~500g/m ²	200~500g/m ²	200~500g/m ²
底纸厚度	Base paper thickness	0.5~13mm	0.5~13mm	0.5~13mm	0.5~13mm
机械体积 (m)	Total length	13500Lx2450Wx2600H	13900Lx2700Wx2600H	13900Lx3000Wx2600H	13900Lx3000Wx2600H
机械功率 (KW)	Total power	20	23	25	25
机械总重 (T)	Total weight	6.5	7.5	8.5	9

产品性能特点

电脑化高速贴合，每小时可达 13000 张。

上送纸机采用高速送纸飞达，保证高速送纸情况下，送纸准确。

下送纸机：以伺服马达驱动吸风皮带底纸输送结构，使底纸输送距离精准顺畅。

高精度涂布输送搭配纸张及上胶轮边挡胶机构自动液面控制，高速运转不溢胶能调节胶水回流。

利用多组电眼检测面纸和底纸的相对位置，使面纸两侧伺服马达做独立传动，补偿上下纸张对位，精确顺畅。

应用人机界面，更能自动侦测作业状况，异常显示及工作记录，性能稳定，CE 标准。

面纸输纸部采用独特的侧规结构，保证走纸平顺稳定，大大提高侧规精度。

Intelligent high-speed fitting, up to 13000 sheets per hour.

High-speed feeding feeder to ensure the accurate delivery of paper at high speed.

bottom paper feeding: servo motor driven sucking belts, bottom paper conveying distance accurate and smooth.

High-precision coating mechanism combined with side glue baffles design guide with automatic control ensure no glue overflow and reflux at high speed.

Using many sensors control relative position between face paper and bottom paper; servo motors on both side of face paper runs independently, compensation on paper alignment with accurately and smoothly.

Man-machine interface automatic detection operating conditions, display abnormal conditions and work records, stable performance with CE standard.

Surface paper feeding department adopts the unique side gauge structure to ensure the smooth and steady feeding greatly improve the accuracy of the side gauge.



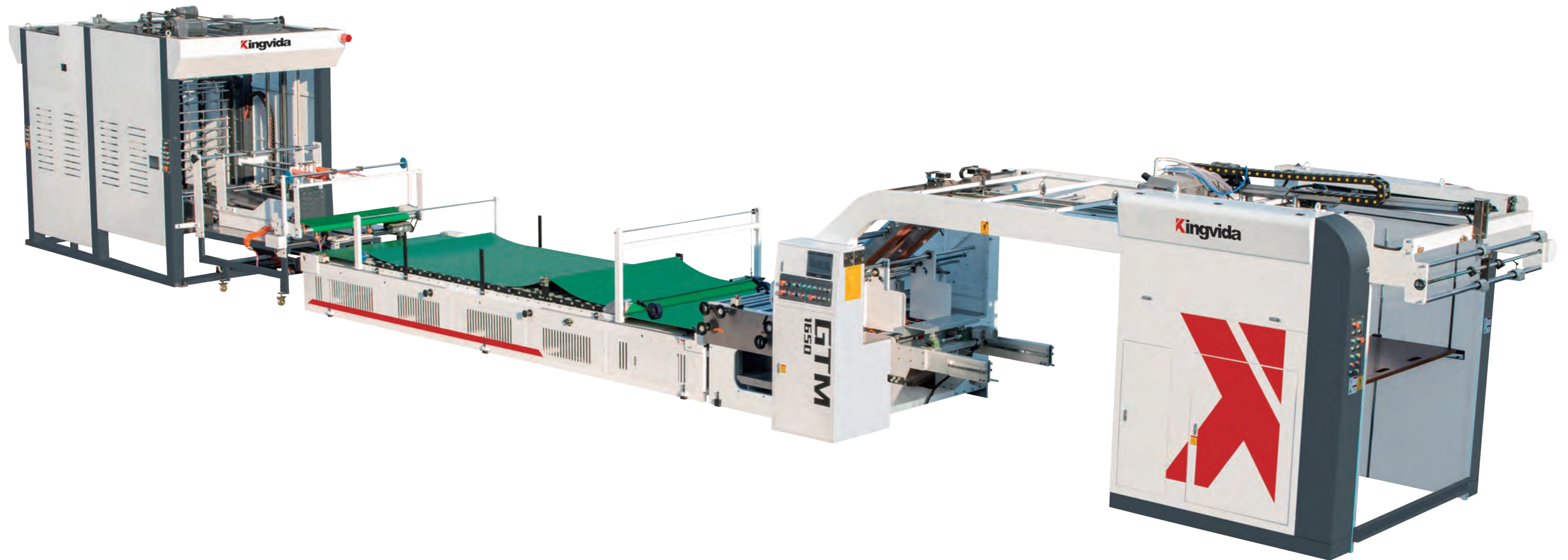
TM

全自动裱纸翻转机

Automatic laminating and turning machine

一键操作简单易学，省时省力

One-click operation is easy to learn, saves time and effort





Z

全自动翻转机

Automatic pile turning machine



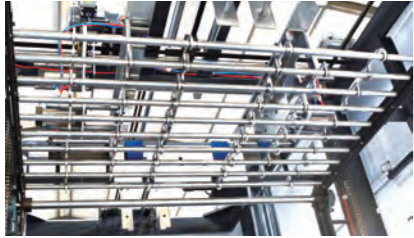
全自动翻转收纸机是一款适用于全自动裱纸机的专用配套设备，配合裱纸机进行全自动翻纸收纸作业，将对裱好的纸张按规定的数量堆成垛。全自动翻纸机是集间歇翻转、自动正反堆放、堆码整齐等特色为一体的自动化设备。可有效的防止对裱后的纸板弯曲、变形，改变目前国内裱纸机生产时使用人工收纸的劳动现状，能最大化的省时、省力，提高生产效益，降低劳动强度。

Automatic pile turning machine is special equipment for automatic laminating machine; co- working with automatic laminating machine to delivery paper. It with function of intermittent turning, automatic positive and negative stacking. Eliminating bent and deform of laminated cardboard delivered in a pile, therefore save time, and labor force, achieving improvement of production efficiency.

一键调机，智能高效

One button adjusting , intelligent and efficient

产品特点介绍



01

收纸铺台机构 Paper Catcher

生产过程中当纸张堆码的高度到达设定高度时，收纸主台会自动下降感应到限位开关，同时收纸铺台自动介入托纸。待收纸主台上的纸张转出以后，主台自动上升至定点位置，收纸铺台自动下降，完美完成不停机收纸，为客户提供方便。

In the process of paper delivery, paper stacking to the set height, the main paper delivery unit will down, and the auxiliary paper delivery unit raise up holding the processed paper, when the main paper delivery unit output the paper pile then rise to designated location, auxiliary paper delivery unit down, perfect finish non-stopping paper delivery, provide convenience for the customer.

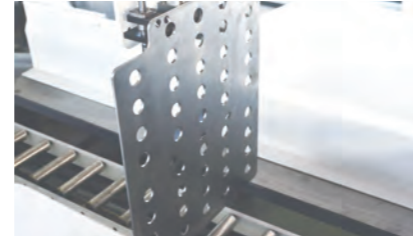


02

输纸挡纸机构 Paper feeding stop Mechanism

输送部特有的挡纸机构，可使纸张顺滑进入输送平台。

Stopping paper unit is specially for paper feeding. It can adjust paper position and send paper into conveying platform smoothly.

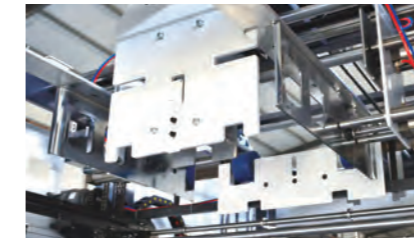


03

平台推纸机构 Down Push System

变频驱动马达使推爪前行，将已堆垛好的纸张有效的推入到翻纸机构里，然后推爪感应到限位光电再返回到原点。比传统的气缸杠杆推动更为准确，不受气压的影响。还可以通过调节变频参数，精确调整推纸时间。

The variable frequency drive motor control the stacked paper is effectively pushed into the pile turning mechanism, and then the claws sense the limit photoelectric sensor and return to the original position. Compared with traditional pushing method by air cylinder lever, it is more precisely and not influenced by air pressure. The paper pushing time can also be precisely adjusted by adjusting the frequency conversion parameters.

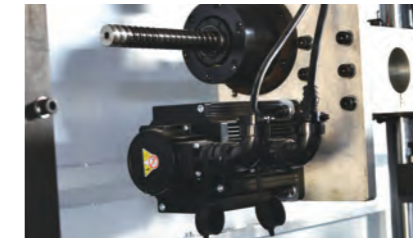


07

后拍纸系统 Rear Patting system

后方气缸进行反复拍纸，将已收的纸张从后方拍齐，有利于后道工序生产。

The rear cylinder patting paper, and the collected paper is taken from the rear, which is convenient for subsequent process.



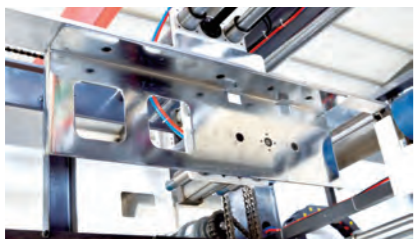
08

翻转部推纸机构 Paper pushing mechanism of turning part

驱动变频马达使用推纸板前行，将已翻转堆垛好的纸张有效的推入到收纸拍纸机构，然后推纸板感应到限位光电再返回到原点。比传统的气缸杠杆更为准确，不受气压的影响，可以通过调节变频参数，精确调整推纸时间。

The variable frequency drive motor push the paper pile forward, it can push the paper pile stacked to the paper delivery mechanism. It is more accurate than traditional cylinder lever pushing method influenced by air pressure. The paper pushing time can also be precisely adjusted by adjusting the frequency conversion parameters.

产品特点介绍

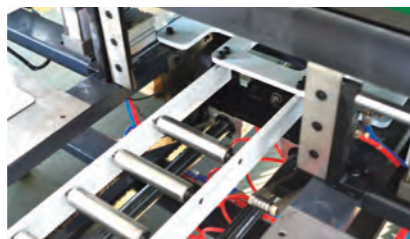


04

收纸侧拍纸机构 Paper Delivery Patting

侧面用气缸进行往复拍纸，将已收的纸张两侧拍齐，有利于后道工序生产。

The cylinder is used in paper patting the collected paper is flanked on both sides, which is convenient for subsequent process.

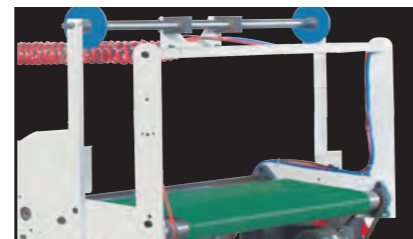


05

输纸前拍、侧拍、吹气系统 Patting and air blowing system

当纸张落到输送平台后，前方与侧方气缸动作，将散乱的纸张拍齐，有利于后道工序生产。

When the paper falls on the conveying platform, the front and side cylinders move, and the scattered paper is aligned, which is convenient for subsequent process.



06

输送分纸机构 Paper feeding and deviding mechanism

输送部位与裱纸机压纸皮带对接，将裱好的纸张传送到输送皮带上，通过输送皮带加速再分张落到输送平台上，当达到设定的高度后，抬纸座抬起将纸张与后手纸张分离。

Paper feeding unit joints laminating machine with pressing belt, laminated paper are transported to the conveying belt, through the speed increasing of which makes paper fall onto the conveying platform. When the paper reaches height limit, the supporting part hold up to separate paper from next one.

产品技术参数

产品型号	Model	FZ-1450	FZ-1650	FZ-1950	FZ-2150
最大纸张尺寸	Max. paper size	1450mm×1400mm	1650mm×1400mm	1850mm×1650mm	2150mm×1650mm
最小纸张尺寸	Mini paper size	420mm×420mm	420mm×420mm	420mm×420mm	420mm×420mm
机器外形尺寸	Dimensions	6350mm×2450mm×2910mm	6350mm×2650mm×2910mm	7350mm×2850mm×2910mm	7350mm×3050mm×2910mm
最高收纸速度	Machine speed	10000 pcs/hr	10000 pcs/hr	9000 pcs/hr	9000 pcs/hr
机械功率	Total power	15KW	16KW	16KW	16KW

产品性能特点

自动正反堆码收纸
一键操作简单易学
省时省力节约时间
翻转数量可根据纸张厚度设定
纸张堆码高度设定 (1.6M-1.8M)
最高速度达 10000 张每小时
适用于各种品牌的裱纸机

Automatic reversing stacked paper
One-button operation, easy to learn
Saving time, effort, and space
The number of pile can be preset according to the thickness of paper
Height of stacking the paper (1.6m-1.8m)
Up to 10000 sheets per hour
Applicable to the various brands of laminating machines

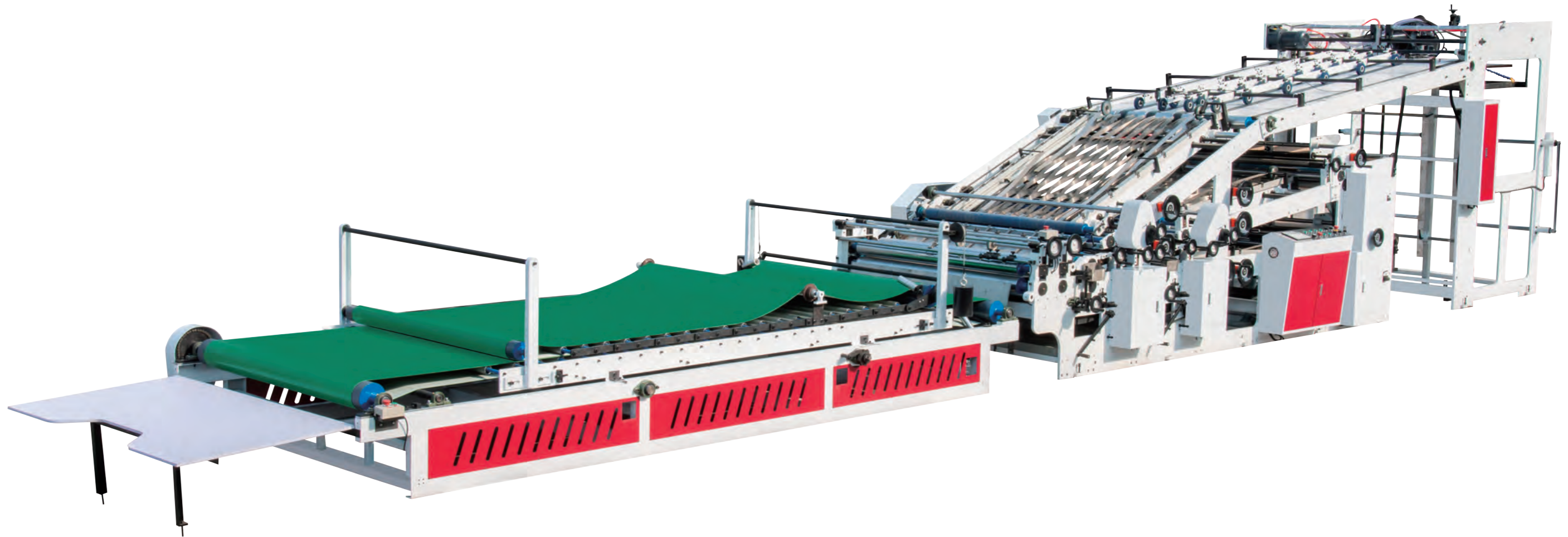


TM

全自动多层裱纸机

Automatic multi-layer paper laminating machine

多层纸张，一次成型裱纸
Multi-layer paper, laminating at one time



DTM

全自动多层裱纸机

Automatic multi-layer paper laminating machine

产品特点介绍



01

底纸系统 Bottom paper feeding

采用电磁离合控制，配备进口吸风皮带，保证双层瓦楞都顺利出纸，且操作简单。

It adopts electromagnetic clutch control and is equipped with imported suction belt to ensure that the double-layer corrugated paper is smoothly feeding and the operation is simple.



02

飞达送纸部 Paper feeding with feeder

配备高速自动专用飞达头，提纸吸嘴能自由调节提纸角度，送纸吸嘴能调节送纸角度，不论厚纸、薄纸，保证走纸高速平稳。

Equipped with high-speed automatic dedicated feeder heads, the paper suction nozzle can freely adjust the paper lifting angle, and the paper feeding nozzle can adjust the paper feeding angle, regardless of thick paper or thin paper, to ensure stable high-speed paper feeding.



03

电控部 Electric department

依照 CE 标准设计，保证整机稳定、高效率、故障低。

Designed according to CE standard to ensure the stability, high efficiency and low failure of the whole machine.

产品特点介绍



04

前后定位部 Front and Rear Positioning

采用双微调器，可不停机操作，定位更精准。

Using double trimmer, it can operate without stopping, and the positioning is more accurate.



05

左右定位部 Left and Right Positioning

左右的弹片完成精准定位，使两层瓦楞和面纸对齐。

The left and right stopping make paper position accurate, and two layers corrugated bottom paper and face paper align.



06

上胶系统 Glue System

采用双上胶系统，涂胶辊精细研磨，胶水量调至最小时，保证胶水均匀。

The double glue system is adopted, and the glue roller is finely ground. When the glue amount is adjusted to the minimum, the glue is even.

产品技术参数

产品型号	Model	DTM-1300	DTM-1450
最大用纸尺寸 (mm)	Max. paper size	1300×1100	1450×1100
最小用纸尺寸 (mm)	Mini paper size	420×420	420×420
底纸最小基重	Min. gsm bottom paper	300gsm	300gsm
最大基重 (g/m ²)	Max. gsm	800	800
最大厚度 (mm)	Max. thickness	10	10
面纸最小基重 (g/m ²)	Min. gsm of face paper	180	180
贴合误差范围 (mm)	Fitting error range	±1.5	±1.5
生产速度	Machine speed	0-100sheets/minute	0-100sheets/minute
机械总长 (m)	Total length	13.4	13.4
机械功率 (KW)	Total power	21	21
机械总重 (Kg)	Total weight	约 9400	约 9800

产品性能特点

我公司专业生产的 DTM 系列全自动多层裱纸机，用于印刷包装行业中卡纸 + 瓦楞纸 + 瓦楞纸一次成型裱纸。

适用瓦楞有 A、B、C、D、E、F、N 楞，三层、五层、七层均可正常工作，裱出的纸张平整度好，精确度高。

全机主要零部件采用国内知名厂家原装产品，寿命长，稳定性好。电器部分采用世界知名品牌，整机轴承均采用进口轴承，整机滚筒均经过动平衡和静平衡的校正，保证了整机的性能稳定。

整机具有稳定性好、易操作、磨损低、省时省力、易维护等特点。

Our company professionally manufactured DTM series of automatic multi-layer paper laminating machine is widely used in paper packaging industry for multi-layer paper laminated in one time, including flute A, B, C, D, E, F, N and three, five or seven layers corrugated paper all can be laminated smoothly and accurately.

All electric parts and key mechanical components are purchased from world famous manufacturers, the whole machine adopt imported bearings, and the rollers of the whole machine are corrected by dynamic balance and static balance to ensure the stable performance of the whole machine.

The whole machine has the characteristics of good stability, easy operation, low wear, time and labor saving, and easy maintenance.