



WENZHOU FEIHUA PRINTING MACHINERY CO.,LTD

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Company Introduction:

WENZHOU FEIHUA PRINTING MACHINERY CO.,LTD produce kinds of laminating machine and UV coating machine and BOPP Thermal film material PET And 3D , Soft touch film . With the development and innovation of post-press equipment, our company has carried on deep research and development to post-press equipment combining the features of printing & packing industry home and abroad. The products occupy sizable market at home and also have been expanded to all over the world.

FeiHua manufactures has a strong design and sales team,less maintenance and trouble free performance. Our main idea for machine are simple to use and they can be operated by non technical staff to give a consistently higher calibre result. Also give good service for spare parts.

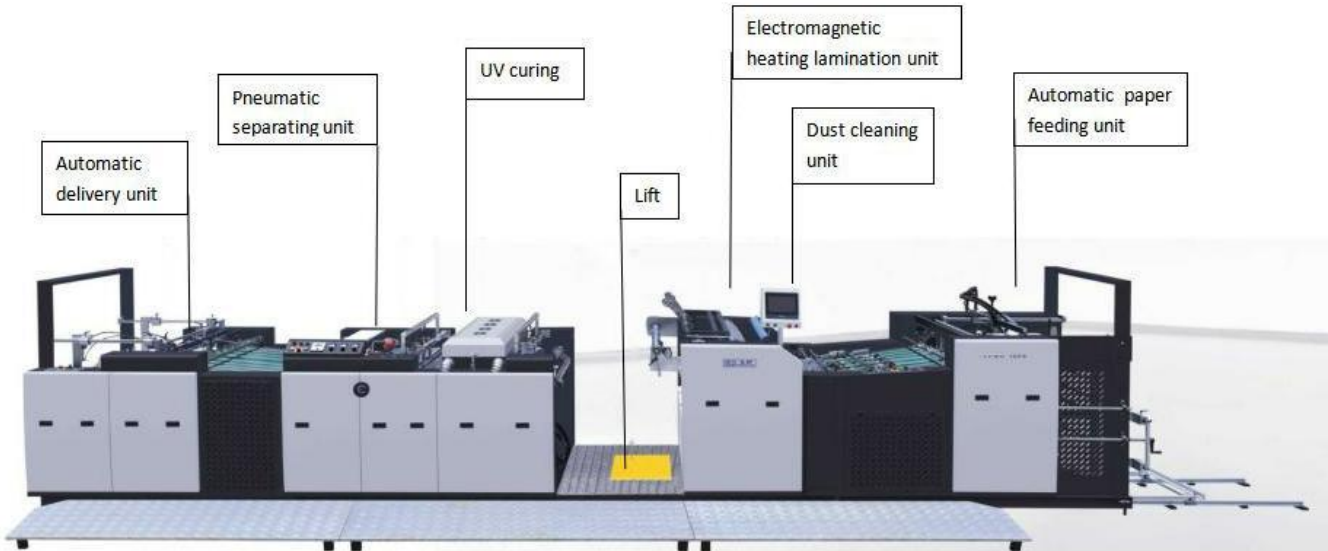
The company is committed to establishing a national marketing service network, based on a scientific and rigorous management system, development and design talents and a high-quality workforce, with the spirit of continuous pursuit of excellence and innovation, to provide customers with better and better services, so that customers can obtain Greater benefits, stronger competitiveness, first-class brand within the business. We sincerely welcome new and old customers from all walks of life to visit and cooperate sincerely. We hope that domestic and foreign customers will cooperate with us for a long time to create brilliant.





Name: Fully Automatic High-speed Thermal Film Laminator Machine

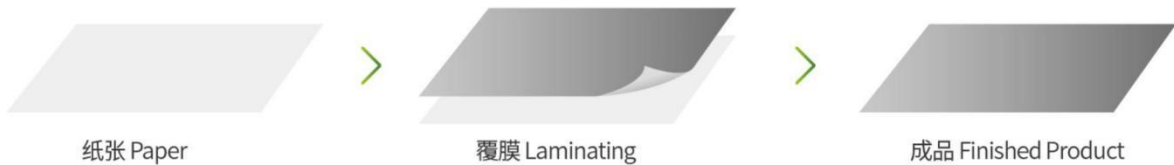
Model: YFMD-850



1. Machine function 功能

YFMD-850 Fully Automatic High-speed Thermal Film Laminator Machine as a professional equipment used for plastic film laminating on the surface of paper printer matter.

- ☞ Thermal laminating (Pre-coated /thermal film)
- ☞ Film: BOPP, PET, PVC, METALLIC, etc.



2. Application range 应用范围

Widely applicable for laminating in packaging, paper box, books, magazines, calendars, carton, handbags, Gift box, Wine packaging paper improving the printing matter grades, and achieve the purpose of dust-proof, water-proof, oil proof. It's the best choice for printing and laminating enterprises of all scales.





3. Specification 技术参数:

Model		YFMD-850
Max. paper size	最大纸张规格	850*1050mm
Min.. paper size	最小纸张规格	300*300mm
Speedn	速度	0-80m/min
Paper thickness	纸张厚度	105-500g/m2
Power	电压	30kw
Weight	重量	6200kg
Dimension (layout)	整机安装尺寸	8600*1800*2000mm

The machine can be customized

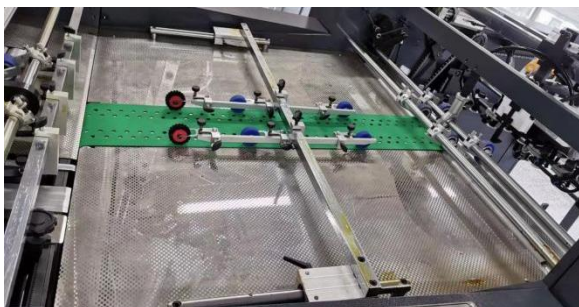
4. Configuration 基本配置



Automatic paper feeding unit

The paper feeder is an important part of the coating machine. The function of the paper feeder is to automatically, accurately, steadily and periodically separate the sheets one by one, and continuously send them to the regular positioning parts. The paper feeding method of this machine is continuous paper feeding, which has the advantages of high automation, compact structure, good performance, convenient operation, accurate paper feeding and high precision. The main components of the paper feeder are paper feeding bridge, paper feeding head, paper stacking table, lifting system and transmission system.

- (1) Adopt vacuum air pump suction system;
- (2) High-speed offset printing feeder (12,000 sheets/hour) ensures high-speed and stable operation!
- (3) Stepless frequency conversion speed regulation paper feeding
- (4) The upper and lower limit protection devices of the feeding table; manual rapid lifting;
- (5) The paper feeding table automatically replenishes the paper feeding system;
- (6) Attached double sheet controller: double or multiple sheet feeding detection and shutdown system: use the induction of the safety voltage detector to detect double or multiple sheets of paper;



Convey bridge

Equipped with a turbofan suction motor and a servo-synchronized paper feeding belt to ensure that the paper is stably fed to the front gauge device.



Front lay

The servo motor controls the front lay and the feeder to synchronize, and the cam mechanism precisely controls to ensure the value of the edge covering.



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Side lay

The servo-controlled side lay is synchronized with the feeder, and the cam mechanism precisely controls the side pull to ensure that the side edges of the paper are aligned.



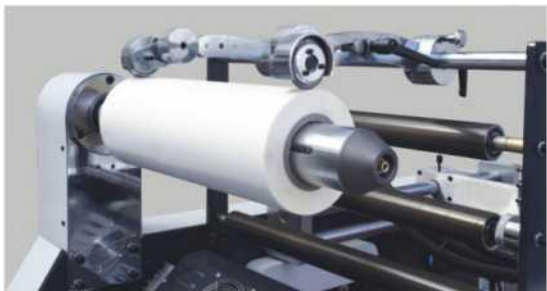
Dust clean device

The hot roller and scraper mechanism effectively removes dust on the surface of the paper and enhances the brightness and fit of the paper.



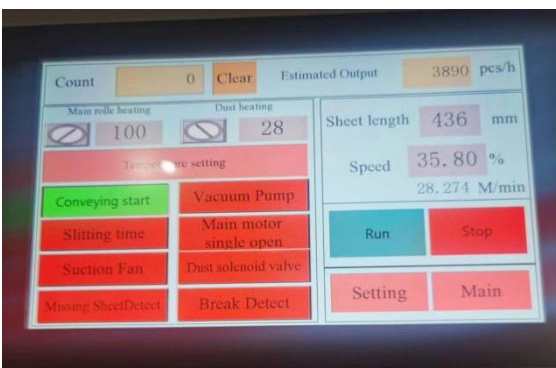
Electromagnetic heater unit

It adopts the international advanced electromagnetic heating control technology, which has the characteristics of fast heating speed and easy temperature control.



Loading and unloading unit

The air expansion shaft and magnetic powder brake effectively control the tension of the film, making the unwinding more stable.



Man-machine interaction system

The color touch screen operation interface can quickly and conveniently input and view the parameters of the machine operation.



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PLC control system

Operating with PLC control system, providing reliable, precise control of machinery and processes, enhancing efficiency, safety, and productivity in manufacturing operations.



Anti-warping device

Prevent the paper from warping due to film shrinkage, ensure the paper is flat and has the characteristics of easy adjustment and no shaking.



UV curing

UV curing is carried out after lamination, without delamination or foaming.



Pneumatic slitting system

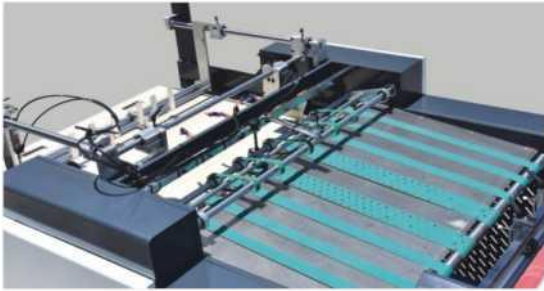
Equipped with flying knife, pneumatic punching device, photoelectric detection, need to adjust the cutting position according to the size of the paper, high-speed automatic cutting.



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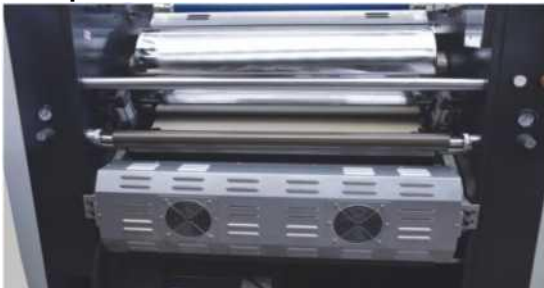


Automatic delivery system

The automatic paper delivery system is equipped with a fan-cooled paper pressing structure, which can perfectly deliver the paper under the high-speed operation of the machine, ensuring that the paper is delivered neatly.

- (1) The belt has low-noise delivery, and the upper and lower rails are designed to ensure smooth delivery;
- (2) The thin paper coating is prone to curling, and the vacuum suction paper stabilizer device keeps the paper stable;
- (3) The delivery table can be raised and lowered manually;
- (4) The upper and lower limit protection devices of the delivery table;
- (5) The automatic lowering device of the delivery table, and the delivery limit paper stop and alarm system;
- (6) Automatic coating paper cumulative count;

5. Optional unit



Double side lamination unit

To solve the problem of two times lamination, making more profits for users.



Chain knife

Chain knife system applying pet, pvc film and etc. having the feature of accurate separation without film margin.



Second lamination unit

The second lamination enhances the bond strength of the lamination.



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Embossing unit

Embossing process makes paper good-looking and valuable.

6. Service and Warranty:

- 1). Machines have been finished all adjustment and test in our workshop before delivery. The machine test videos will be sent to the customer for confirmation before delivery.
- 2). We will send the product operating instructions together with the machine, and we will give some operating videos to customers.
- 3). Customers need an engineer who knows about related products to be responsible for installation and debugging. If there is anything they don't understand, they can contact our engineers. Our engineer will give you guidance.
- 4). If customer needs us to provide on-site service, customer needs to pay the engineer's round-trip expenses and room and board.
- 5). Our factory provides purchase accessories free one year warranty. During the warranty period, due to the customer's improper use or damage caused by unnatural factors, the customer is responsible for it. We can provide accessories at cost price, and the customer has to pay the freight.
- 6). 12 months warranty for electric parts, the service is for whole life, once you asked the spare parts, we can send immediately, customer afford the courier fee. (Since the date of purchase from delivery and on the board, within 12 months)

7. Certificate



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CERTIFICATE OF CONFORMITY



Certificate of Conformity

Based on the voluntary assessment of the product sample and technical file, we confirm that the following products have been tested by us with listed standards and found in compliance with the council with this MD Directive 2006/42/EC and LVD Directive 2014/35/EU.

Certificate No. : BYS2204260316MK
 Applicant : WENZHOU FEIHUA PRINTING MACHINERY CO.,LTD.
 No. 460, Jinhai 1st Road, Binhai industry Longwan, Wenzhou, Zhejiang
 Manufacturer : WENZHOU FEIHUA PRINTING MACHINERY CO.,LTD.
 No. 460, Jinhai 1st Road, Binhai industry Longwan, Wenzhou, Zhejiang
 Product : Automatic laminating machine
 Trademark : 
 Model No. : YFMA-590, YFMA-760, YFMD-850/1050/1200, YFMD-1080/1300,
 YFMB-540, YFMA-850/1050
 Test Standard : EN ISO 12100:2010
 EN 60204-1:2018
 Test Report No. : BYS2204260316MR

This certificate of conformity is based on a single evaluation of the submitted sample (s) of the abovementioned product. It does not imply an assessment of the whole production and other relevant directives have to be observed.



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8. Packing





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