

# ENZHOU FEIHUA PRINTING MACHINERY CO.,LTD

Add: No. 460, Jinhai 1st Road, Binhai industry Longwan, Wenzhou, Zhejiang

Web: [www.newstar-machine.com](http://www.newstar-machine.com)/[www.newstar-machinery.com](http://www.newstar-machinery.com)

Tel: 86-577-86709268

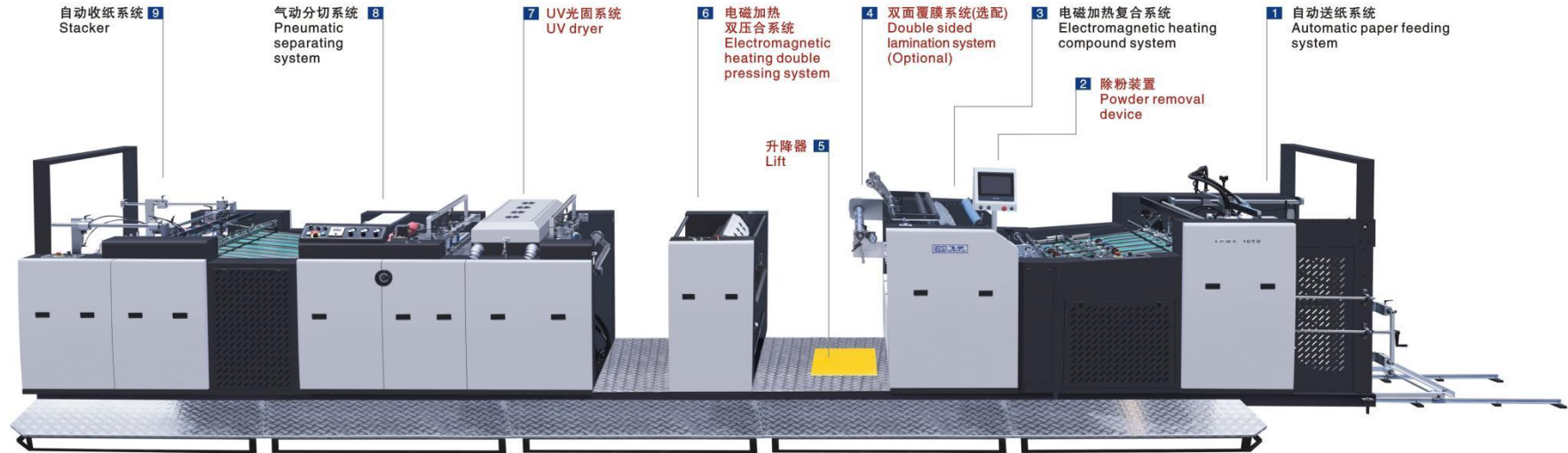
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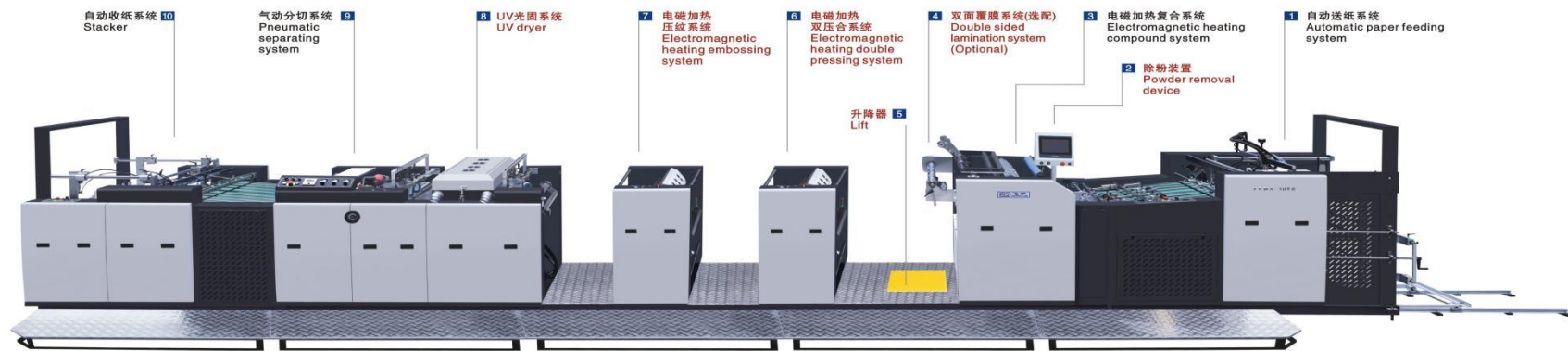


## Company Introduction

Wenzhou Feihua Printing Machinery Co., Ltd. has more than 20 years of experience in post-press equipment manufacturing, specializing in the production of laminating machines, comprehensive coating machines and pre-coating films. A professional company integrating scientific research, design, manufacturing, and service, with the business tenet of "professionalism, focus, innovation, and service", scientific management, and strive to meet customer requirements to the greatest extent.

# Fully Automatic Multi-functional High-speed Pre-coating Film Laminating Machine





## Features

—: Any combination of powerful multi-functional configuration can solve various problems of laminating process!

- 1: Double-sided laminating (both sides are laminated at the same time)
- 2: Dust removal (remove surface dust and surface preheating, enhance surface brightness/mattity/and fit)
- 3: Double pressing (Enhanced surface compaction and fastness twice)
- 4: UV dryer (Lamination has strong fastness, especially to solve the problem of embossing, embossing and embossing of the large solid base film)
- 5: Chain knife (cutting of tailless film and high toughness film such as PET and aluminum foil film)
- 6: Hot knife (high speed) (Slitting of high toughness films such as tailless film and PET, aluminum foil film)
- 7: Coding (online coding)
- 8: Corona device (to solve the problem of low corona value, silk screen, paste box, hot stamping, etc.)
- 9: Static elimination device (excessive static electricity, large paper adhesion)

10: Embossing system: various embossing reflects the aesthetics of surface decoration!

二: Pre-stacker mechanism to realize non-stop paper feeding and receiving

三: Adopt high-speed offset press feeder (12000 sheets/hour) to ensure fast and stable operation

四: High degree of intelligence, the whole machine is controlled by PLC and man-machine, and each part is frequency-converted and servo-linked to ensure speed synchronization and easy for one person to operate.

五: Electromagnetic heating system: the temperature rises and falls quickly, the heating roller adopts an electromagnetic heating system and a built-in oil heating system to make sure the temperature is uniform.

六: Driven by the synchronous belt, the equipment is more stable and the accuracy is better.

七: The equipment adopts servo edging, which has higher accuracy and more stability

八: The main pressure shaft is combined with electric pressure

九: Automatic lifting film, reducing labor intensity and safety

十: The main roller adopts double chain, no jump, high running stability, it is not easy to stretch after a long time, which affects the accuracy!

## 一、 Applications

The YFMD-A series is a high-speed pre-coating model launched by our company, which is suitable for posters, books, information albums, posters, color boxes, color box packaging, handbags, etc.

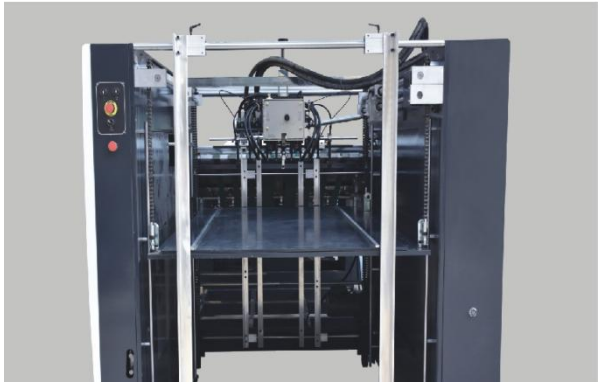




## 二： Technical parameters

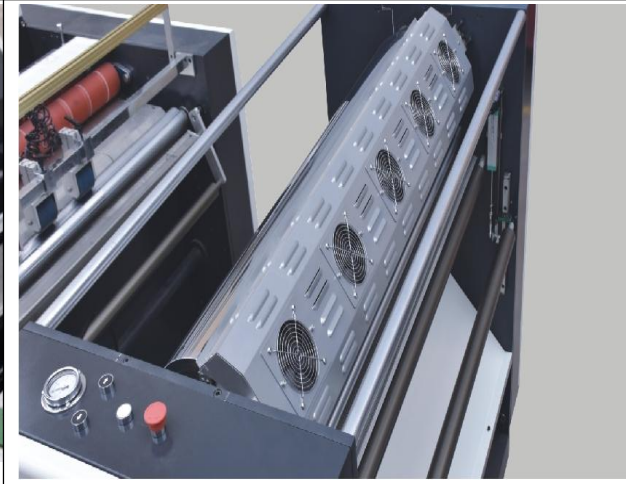
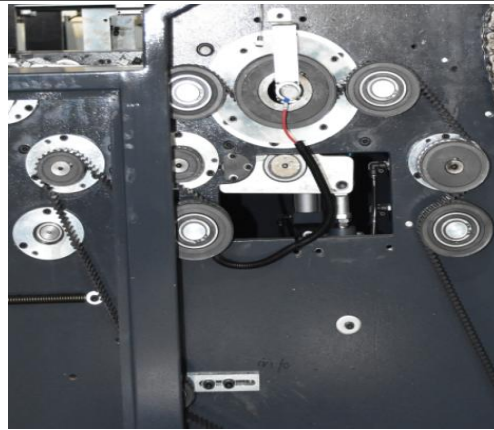
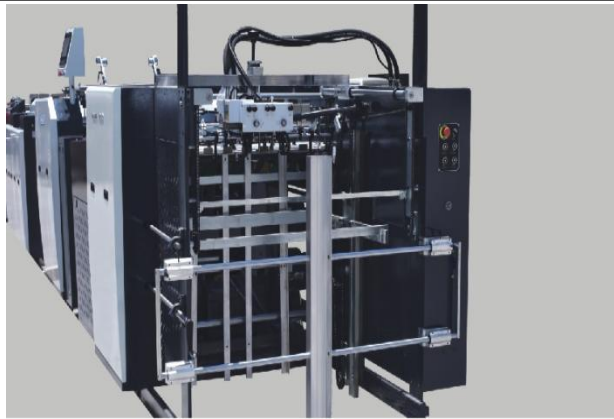
Item	Unit	YFMD-850A	YFMD-1050A	YFMD-1200A	YFMD-1200A-L
Max laminating paper	mm	850*1050mm	1050*1050mm	1200*1050mm	1200*1450mm
Min laminating paper	mm	270*2700mm	290*290mm	300*300mm	340*340mm
Paper weight	g/m <sup>2</sup>	100-500g/m <sup>2</sup>	100-500g/m <sup>2</sup>	100-500g/m <sup>2</sup>	100-500g/m <sup>2</sup>
Overlap error	mm	+_2mm	+_2mm	+_2mm	+_2mm
Laminating speed ( Depending on the material, color and color block size of the printed product, the machine runs at different speeds)	m/min	oneside: 0~80m/min Double side: 0~60m/min ( optional )	oneside: 0~80m/min Double side: 0~60m/min ( optional )	oneside: 0~80m/min Double side: 0~60m/min ( optional )	oneside: 0~80m/min Double side: 0~60m/min ( optional )
Power(Different configuration, different power)	kw	28kw	30kw	30kw	30kw
Working power	KW/H	18KW	20KW	20KW	20KW
Paper feed height	mm	1150	1150	1150	1150
Paper stack height ( including tray )	mm	1050	1050	1050	1050
Overall Dimensions	mm	10500*1800*2000mm	10500*1800*2000mm	10500*2000*2000mm	11500*2200*2000mm
Total weight	kg	5500kg	6500kg	8500kg	10000kg

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### 三、 Machine structure

Automatic paper feeding system.	Dust removal and front guild system	Laminating system
1: pre-loading feeder 2 : non-stopped feeder 3: big format feeder 4: sucking flat table 5: front guild 6: Servo has high precision 7: Anti-clutter magnet safety device	1: Mirror iron roller 2: Heating dust removal 3: Scraper cleaning powder 4: Synchronous belt drive	1: electromagnetic heating 2 : film straight roller 3: temperature meteroutside 4: automatic pressure 5: paper lacking and breaking system 6: Double-sided lamination (optional) 7: Double press (optional)
		





UV dryer

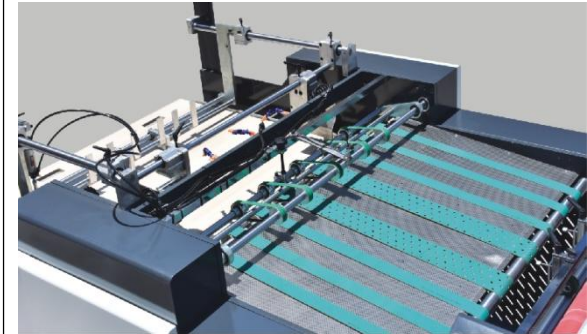
Separation system

automatic paper stacker

1: sucking and outside air system  
 2: The UV part adopts 8-12KW adjustable electronic light source, which has greatly improved safety performance than the traditional voltage source light source. The light source can adjust the brightness automatically as the change of machine's running speed, which can be changed from 30% to 100%. Thus the average energy consumption is saved by more than 30%.

1: back perforating system  
 2: high speed rotation knife  
 3: anti-curve system  
 4: chain knife(optional)  
 5: pneumatic perforating cutting system  
 6: slot for the separating roller

1: vacuum sucker flat ,belt width 10cm  
 2: non-stop feeding  
 3: 850mm the height of the paper load  
 4: counter  
 5: Paper flap device  
 6: The electric eye sensor automatically lowers, and the paper output wind pressure adjustment function  
 7: The intelligent automatic waste discharge system automatically discharges uncut products to avoid scrapping due to paper jams.







#### 四： Main components

Series	Accessory Name	Brand		Note
1	Pressure rubber roller	Jingyang	JingYang	Taiwan
2	feeder		RUN	Offset feeder
3	Bearing	Harbin		
4	Vacuum pump	Shanghai Mengxu		
5	chain	Hangzhou		
6	Pneumatic clutch	Taiwan		Taiwan
7	Servo motor	Inovance		Shenzhen
8	Server Driver	Inovance		Shenzhen
9	Oil hydraulic pump	Zhejiang		
10	electromagnetic heating		Shenzhen	
11	Touch screen	Weiluntong		
12	Pneumatic parts	Airtac		Taiwan
13	Button	OMRON	OMRON	Japan
14	Contactory.relay	Schneider		France
15	Sensor	Panasonic		Japan
16	Proximity switch	Panasonic		Japan
17	Temperature Controller	OMRON	OMRON	Japan
18	Photoelectric switch	Panasonic		Japan
19	PLC	Inovance		Shenzhen

20	Frequency converter	Inovance		Shenzhen
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### **Spare parts**

1	Name	Warranty	Note
2	Rubber roller	6 months	Need to be ground (except for cracking)
3	Scraper blade	3 months	
4	suction nozzle	None	
5	UV lamp	1000H	
6	Brush wheel	None	
7	Pneumatic parts	6 months	

### **Service and Warranty**

- 1、 All machines have been finished all adjustment and test in NEW STAR workshop before delivery, the mechanical structure, components adjustment, electrical operation of the switch, and the matters needing attention, day-to-day maintenance of equipment, etc., In order to ensure the normal operation of equipment, later.
- 2、 12 months 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)
- 3、 After receiving the notice from the customer for repairs, we will analyze it remotely, solve it, and give the customer a clear solution within 1 working day. Both parties can negotiate the time for after-sales service personnel to be in place, but our service personnel should arrive at the customer's designated service location within 48 hours.
- 4、 After warranty, our company still provides customers with spare parts at preferential prices. And according to customer needs to provide customers with paid repairs and maintenance services. The company has sales branches or offices in 28 provinces and cities across the country and various countries in the world, which will greatly satisfy the sales and service capabilities of customers all over the world.