

# WENZHOU FEIHUA PRINTING MACHINERY CO.,LTD

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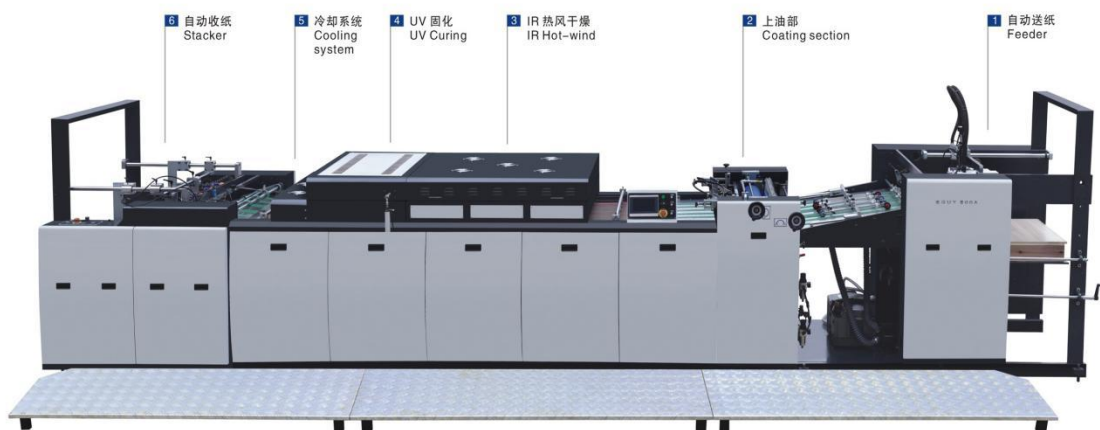
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## Company Introduction

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.

## Automatic high-speed dual-purpose UV coating machine



## Features:

- 1: Paper pre-stacker, to realize non-stop paper feeding and receiving
- 2: High degree of intelligence, one-button start and acceleration, more convenient and efficient than traditional segmented control.
- 3: The shaft head is 55mm large, which is more stable and firmer than the traditional 35mm under high speed, without deformation, and good coating effect!

- 4: Synchronous belt transmission, the equipment is more stable, no jitter. The surface texture effect will be better in high-end products.
- 5: The oil guard has high precision, and it is more difficult for water to enter the bearing than the traditional one.
- 6: The air knife is easy to operate! High-precision correction, tight on both sides, no slight soft deformation and damage to the mesh belt.

## 一、Applications

The SGUV series is a practical fully automatic coating machine developed by our company, which is suitable for posters, books, brochures, color boxes, color box packaging, handbags, etc.

## 二、Technical parameters

型号	Model	SGUV-800A
最大纸张宽度	Max.Sheet Size	760*1000mm
最小纸张宽度	Min. Sheet Size	270*270mm
纸张克重	Sheet Weight	80~450g/m2
速度	Speed	0~80m/min
整机功率	Power	45Kw
UV灯管	UV Lamp	2pcsx8Kw
红外灯管	IR Lamp	18pcsx1.5Kw
输纸高度	Paper feed heigh	1100
收纸高度（含收纸板）	Paper stack height	1050
重量	Weight	6000kg
体积	Dimension	10000x1800x2000mm

## 三、Machine structure



The whole machine has a one-key acceleration function. After the main machine accelerates, the oven, paper delivery, feeder, and metering roller will all change according to the speed of the main machine. The metering roller controls the oil thickness, which can be set on the touch screen.

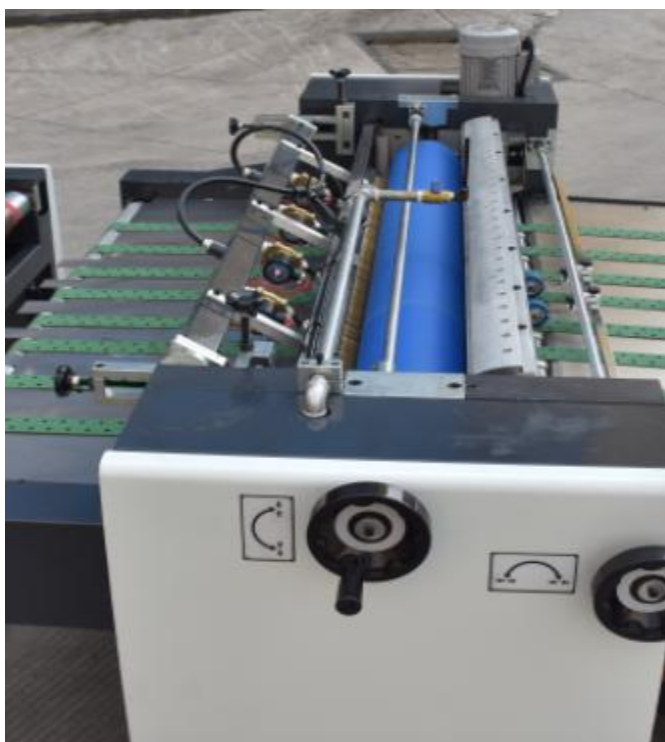
## Auto feeding



- 1: Adopt high-speed offset press feeder (12000 sheets/hour) to ensure fast and stable operation
- 2: Paper photoelectric control, automatic lifting
- 3: Double protection feeder lifting safety
- 4: Using the latest paper stacker design, the entire tray can be pushed in, and the tray can be pushed in directly after printing, without manual paper sorting. Pre-stacker can also be used. two-way choice. Greatly save paper time and reduce the labor intensity of operators.

## Coating section





(optional)

1: Using cast iron body, strong rigidity and long life

2: Three-roll reverse coating

A: The thickness of the oil can be controlled by adjusting the metering roller speed to save oil

B: A separate frequency converter controls the reversal of the metering roller, which has more frequency converters, motors, reducers and other configurations than the traditional roll-to-roll coating.

C: Iron roller 130MM adopts chrome-plated mirror surface treatment, rubber roller 165MM adopts 60 degree polyurethane rubber roller. The larger the roller, the thicker the rubber, ensuring fine coating and no orange peel.

3: Equipped with an air knife, it can make 80G thin paper, the size of the wind, and the time of blowing are controlled by PLC.

- 4: Automatic stop function for roll paper
- 5: Automatic counting function
- 6: The rollers are adjusted synchronously, driven by the synchronous belt to make the coating effect stable and great.
- 7: Equipped with two oil tanks, UV and IR, and equipped with temperature heating control to ensure that the UV oil is coated between 40-60 degrees
- 8: The gap between the coating roller and the pressure roller of each machine head is adjustable from 0-50mm.
- 9: The main rollers adopt 55-diameter shaft heads and heavy-duty bearings, which greatly extend the life of the bearings.
- 10: The diaphragm pump is used for oil supply, no motor is needed, and the operation is safer.
- 11: Double scrapers and a unique bottom roller automatic cleaning system, double oil pan device, the lower roller is immersed in the small oil pan when working, which can effectively clean the lower roller and prevent the oil from drying during shutdown

### ≡: IR Drying and UV Curing System





- 1: The better the leveling of the oven, the stronger the drying and curing.
- 2: Equipped with UV and IR systems, which are controlled separately and cannot be used at the same time.
- 3: 27 IR lamps and 3 UV lamps, IR lamps generally have a life of 2 years, UV lamps have a life of 800~1000H, and transformers have a life of more than one year .
- 4: 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%.
- 5: Emergency stop or overheat protection device, when the emergency stop or the temperature inside exceeds 150 degrees, the protective cover will automatically rise to dissipate heat to prevent fire
- 6: Equipped with a ventilation system, under the UV curing box, there is a strong suction device composed of an exhaust fan and a wind box, which can extract ozone, dissipate heat and make the paper not easy to curl in the furnace, but can pass smoothly.
- 7: Equipped with automatic correction system, (double correction, double over-limit protection). The paper conveying adopts the imported Teflon conveyor belt, which can prevent ultraviolet rays, is strong and durable, does not support the paper, the electric eye detects the Teflon conveyor belt, and the automatic homing correction device
- 8: The whole process of suction to ensure that the coating products will not float and do not pile up paper. The oven is equipped with iron wire protection to prevent the paper from floating on the paper and cause a fire.

## Cooling system



After the paper dries out, it is quickly air-cooled to make the paper dry faster without anti-sticking.

## Automatic delivery system



1. Paper photoelectric control, automatic lifting
2. Double protection feeder lifting safety
3. Equipped with pneumatic paper flap function, you can set the number and time of the paper beat to ensure neatness
4. Disorderly paper automatic lowering function

## Power dusting device (optional)

1. Adopting the water powder removal method, the powder removal efficiency reaches 75% without damaging the paper. The body is made of high-quality cast iron to ensure accuracy. The bottom oil head adopts three-roller coating and adopts synchronous belt wheel transmission to improve transmission efficiency and reduce coating lines.
2. Increase the coating effect without scratching the paper

## 四： Main configuration

Accessory Name	Brand/Origin	Note
Frequency converter/PLC	Shenzhen/Inovance	
Contactors/Relay	Shanghai/Inovance	
Botton	Shanghai/Inovance	
Main fiber optics, optoelectronics	Japan/OMRON	
Stroke/limit switch	Shanghai/Schneider	
Electromagnetic valve	Shanghai/AirTac	

Pneumatic control components	Shanghai/AirTac	
Teflon conveyor belt	Xiamen/Sibek	
Motor / reducer	Zhejaing/Dongfang Transmission	Metering roller motor: Shanghai Zhibao
Host wall panel	HT200	
Scraper	Switzerland	
Main bearing	Japan、NSK	

### Spare parts

1	Name	Warranty	Note
2			
3			
4			
5			
6			

### 五、 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.

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### QUOTATION

INV. NO:		Date:	
CNNE:		Time of Shipment	
NAME	MODEL	SET	PRICE ( USD )



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- (1) Time of Delivery:20 days after receiving your advance payment
- (2) Loading Port & Destination:From Ningbo/Wenzhou,CHINA To your port
- (3) Terms of Payment:30% T/T deposite,70% balance T/T payment before the shipment  
NOTE:T/T payments bank any charge should bear by your side.
- (4) Quotation Valid time:30 days
- (5) Warranty:One year free warranty
- (6) Overseas service:Engineers available to service machinery overseas.
- (7) Certificate:CE certificate
- (8) More contact: ATTN: +0086 15968760337 Email: exporter@newstar-machine.com
- (9) Website: <http://www.newstar-machinery.com>