



专业纸袋机制造商  
Professional paper bag machine manufacturer

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## HWR-220 可调式卷筒方底纸袋机

HWR-220 Adjustable Roll Feeding Square Bottom Paper Bag Machine  
With 2 Colors Printing Inline



样品图片 SAMPLE PICTURE





### 性能与用途

本机用于原色纸或在线印刷卷筒纸，由本机一次性完成方底纸袋制作。

本机可多种规格的纸袋，具有速度快，生产效率高，是纸袋生产的理想设备。

本机由卷筒放料（液压上料，自动纠偏，恒张力）、侧边上胶、印刷纸电眼跟踪、原纸成筒、定长牵引切断、袋底压痕开底、袋底上胶合底成型、出袋整理等组成。整机由PLC触摸屏集中控制，伺服电机控制纸袋长度。

可根据客户需求，加装袋面开窗贴膜装置和手挽孔装置等。

可另配套圆绳，扁绳手把机，圆绳复卷机等，使产品更具有竞争力和多样化。

### Properties and uses :

Machine use roller paper, from primary color paper or inline printing paper roll to square bottom paper bag one times production. The machine can be used in various paper bags with high speed and efficiency. It is an ideal equipment for paper bag production.

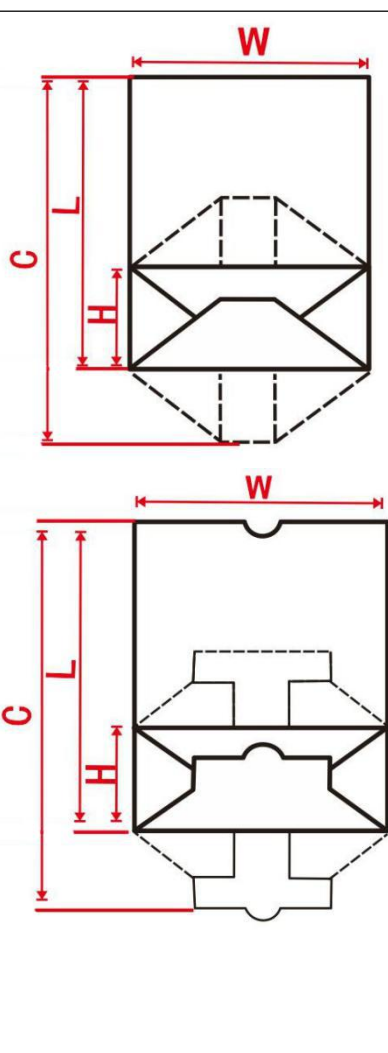
This machine is composed of roll unwinding (hydraulic feeding, automatic web guide, constant tension), side gluing, printing electric eye tracking, base paper into cylinder, fixed-length traction cutting, bag bottom indentation opening, bag bottom gluing, bag bottom molding, bag sending etc. The whole machine is controlled centrally by PLC touch screen and servo motor controls the length of paper bag.

It can add bag surface window lamination device and handgrip hole device according to your need.

Can be matched with rope twisting, flat rope handlebar machine, rewinding machine, etc., to make the products more competitive and diversified.



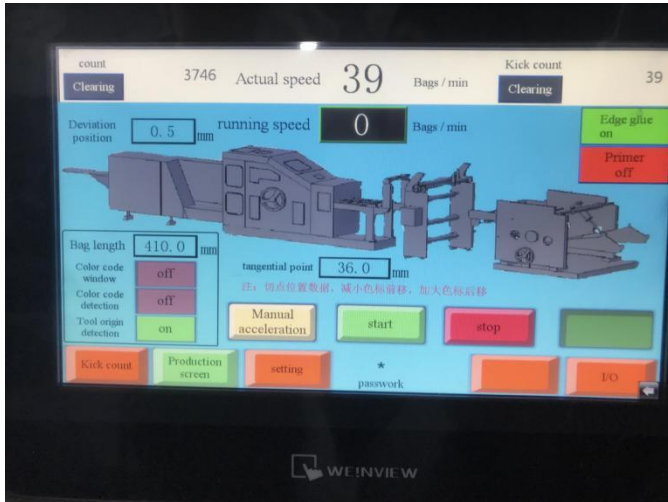
### 技术参数 TECHNICAL PARAMETER

机型 Model	HWFD-220	
纸筒长度 Paper Roll Length	190-370mm (C)	
纸袋长度 Paper bag length	150-320mm (L)	
纸袋宽度 Paper bag width	80-220mm (W)	
袋底宽度 Paper bag bottom width	50-120mm (H)	
纸袋厚度 Paper thickness	50-130g/m <sup>2</sup>	
制袋速度 Max Bag Making Speed	30-200pcs/min	
机械速度 Machine Speed	30-220pcs/min	
纸卷宽度 Paper roll width	280-710mm	
纸料直径 Roll paper diameter	1200mm	
纸芯内径 Diameter of paper core	76mm (3")	
整机功率 Machine power	3phase,380v ,10kw	
整机重量 Machine weight	5500kg	
整机尺寸 Machine size	9000x3200x1800mm	



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1.采用台湾威纶触摸屏人机界面，操作功能一目了然，便于掌控。Use Taiwan Weinview Touch Screen Human-Computer Interface, operate and control easily.



2.采用日本原装Mitsubishi 运动控制器（PC），通过与光纤一体化，保证高速运行稳定。  
Adopt Japan Original Mitsubishi PC Control, integrated with optical fiber, ensure high speed running steadily.

3.采用日本Mitsubishi 伺服电机搭配德国原装 SICK 光电眼修正，精确跟踪印刷袋尺寸。Japan Original Mitsubishi Servo Motor and Germany Original SICK Photoelectric Eye Correction, tracking printing bag accurately.





4.原料装卸采用电机升降结构，放卷采用全自动恒张力控制。Raw material loading and unloading adopts motor lifting structure , and unwinding adopts automatic constant tension control



5.原料纠偏采用意大利 SELECTRA ，降低纸卷对位调整时间采用全自动恒张力控制。Raw material loading and unloading adopts motor lifting structure , and unwinding adopts automatic constant tension control.





6.主要电器元件配置单Electrical Components List

名称Name	数量Qty	产地Original	品牌Brand
控制系统 Control System			
PLC运动控制器 PLC SPOT Control	1	日本 Japan	Mitsubishi
人机界面触摸屏Touch Screen	1	台湾Taiwan	Weinview
伺服电机Servo Motor	2	日本 Japan	Mitsubishi
伺服驱动器Servo Drive	2	日本 Japan	Mitsubishi
整袋计数伺服电机Counting Servo Motor	1	日本 Japan	Mitsubishi
整袋计数伺服驱动器Counting Servo Driver	1	日本 Japan	Mitsubishi
纸袋定型变频器Bag Forming Inverter	1	日本Japan	Mitsubishi
印刷跟踪光电眼Printing Tracking Electric Eye	1	德国 German	SICK
低压电器Low Voltage Electrical Appliances	1	法国 French	SCHNEIDER
气动元件Pneumatic components	1	中国台湾 Taiwan	AirTAC
自动润滑加油器Automatic Lubricator	1	中国 China	



纠偏、张力控制系统 Web/Tension Control System			
纠偏控制系统 Web Guide Control System	1	德国 German	BEDOOK
放纸卷气胀轴 Unwinding Paper Roll Air shaft	1	中国 China	
磁粉制动器 Magnetic Powder Brake	1	中国 China	WEIZHENG
传动 Drive			
同步带 Synchronous Belt	1套/set	中国 China	BELDI
同步轮 Synchronous Pulley	1套/set	中国 China	HW
轴承 Bear	1套/set	中国 China	LYC
导辊 Guide Roll	1套/set	中国 China	BAIXIAO
齿轮 Gear	1套/set	中国 China	HW
胶水部位 Glue Part			
底部匀胶电机 Bottom Glue Equably Motor	1	中国 China	
气动隔墨泵 Pneumatic Ink Separator Pump	1	中国 China	
中/边缝水性喷胶枪（密调节胶枪 Middle/ Edge Water Rubber Gun	1	中国 China	
水性白乳胶压力桶 Water Glue Pressure Bucket	1	中国 China	HW

注：本款机器所使用的采购件在设备升级或更新时，用不低于现有品牌质量的同级品牌替代，卖方将保留权利，不再另外通知。

Note: The purchased parts used in this machine will be replaced by a brand of the same quality not less than the existing brand when the equipment is upgraded or updated. The Seller reserves the right without further notice.



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## 2 Colors Inline Printing Unit



### PARAMETERS

TYPE	HWFP-2800
Max. Printing material width	800mm
Max. Printing width	760mm
Printing length range	230-800mm
Printing speed	5-100m/min
Register precision	$\leq \pm 0.20\text{mm}$
Thickness of plate ( including the thickness of double sides glue )	2.28+0.38





### CONTROL PART

1. Main motor frequency control,power:
- 2 . Speed reduce motor separate ink send group x 2

### PRINTING PART

1. Pneumatic lifting and lowering printing plate cylinders auto lifting plate cylinder when the machine is stopped. After that can run ink automatically. When the machine is opening,it will make alarm to start the auto lowering plate printing cylinder.
2. Inking with **ceramic anilox chambered doctor blade ,ink pump circulation**
3. **High precision planetary gear oven 360°circulation longitudinal register**
4.  $\pm 20$ mm transverse register

### DRYING PART

Adopt with external heating pipe, temperature display, electric current control,centrifugal blower bring the wind

### COMPOSITION

	Name	Origin
1	Main motor 4KW	CHINA
2	Inverter 4KW	Inovance
3	Inking reducer 40W	CHINA
4	All of the low voltage control switch	Schneider
6	Main bearing	Taiwan
7	Roller bearing	CHINA

### STRUCTURE

1. The machine adopt with synchronous belt drive and **hard gear face gear box**. The **gear box** adopt with synchronous belt drive each printing group **high precision planetary gear oven(360° adjust the plate)** gear driving **the press printing roller**
2. After printing, long running material space ,it can make the ink drying easily,better results.