



浙江宏威机械有限公司

**ZHEJIANG HONGWEI MACHINERY CO.,LTD**

Add:Ruian City ,Wenzhou City, Zhejiang Province ,China

## **HWFPS-4800 SEPARATE 4 COLOR FLEXO PRINTING MACHINE**



### **CONTROL PART**

1. Main motor frequency control , power
2. PLC touch screen control the whole machine
3. Reduce motor separate

### **UNWINDING PART**

4. Single work station
5. Hydraulic clamp, hydraulic lift the material , hydraulic control the unwinding material width , it can adjust left and right movement.
6. Magnetic powder brake auto tension control
7. Auto web guide

#### **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.  $\pm 20\text{mm}$  transverse register
5. Adjust inking press and printing pressure press by manual

#### **DRYING PART**

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

## REWINDING PART

1. Back to back rewinding
2. Pneumatic tension control
3. 2.2kw motor , vector frequency conversion control
4. 3 inch air shaft
5. Hydraulic lowering the material

## COMPOSITION

	Name	Origin
1	Main motor	CHINA
2	Inverter	Inovance
3	Rewinding motor	CHINA
4	Rewinding Inverter	CHINA
6	Inking reducer	CHINA
7	All of the low voltage control switch	Schneider
8	Main bearing	TAIWAN
9	Roller bearing	CHINA
10	PLC Touch Screen	OMOROM

## 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

### PARAMETERS

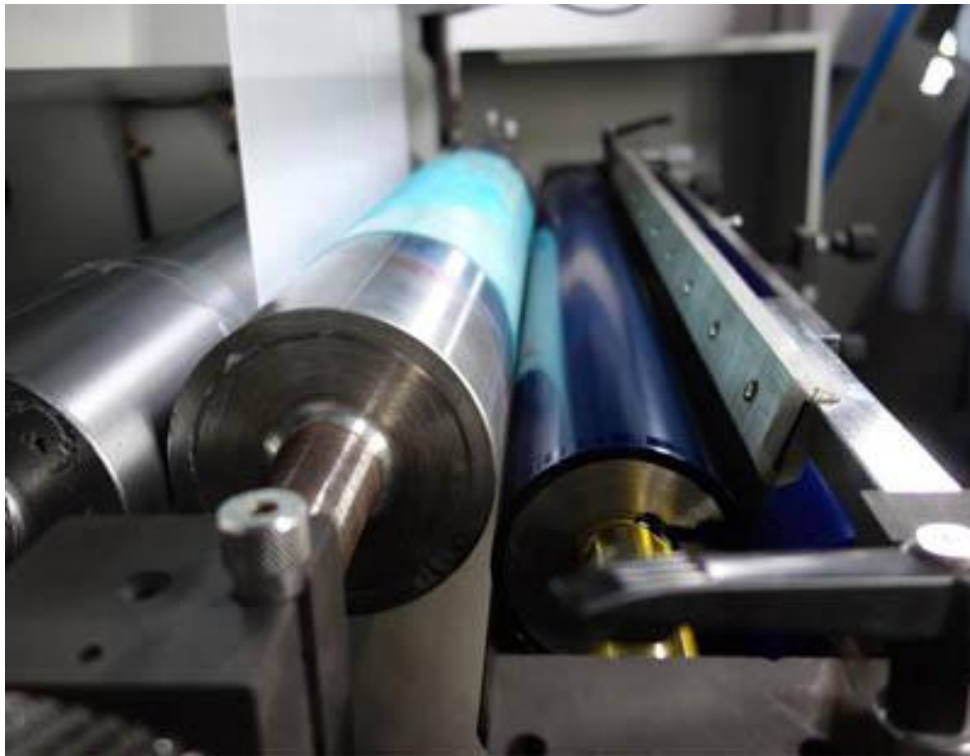
TYPE	HWFPS-4800
Max. Printing material width	800mm
Max. Printing width	760mm
Printing length range	230-800mm
Printing speed	5-100m/min
Register precision	$\leq \pm 0.20\text{mm}$
Thickness of plate ( including the thickness of double sides glue )	2.28+0.38

### Printing Unit

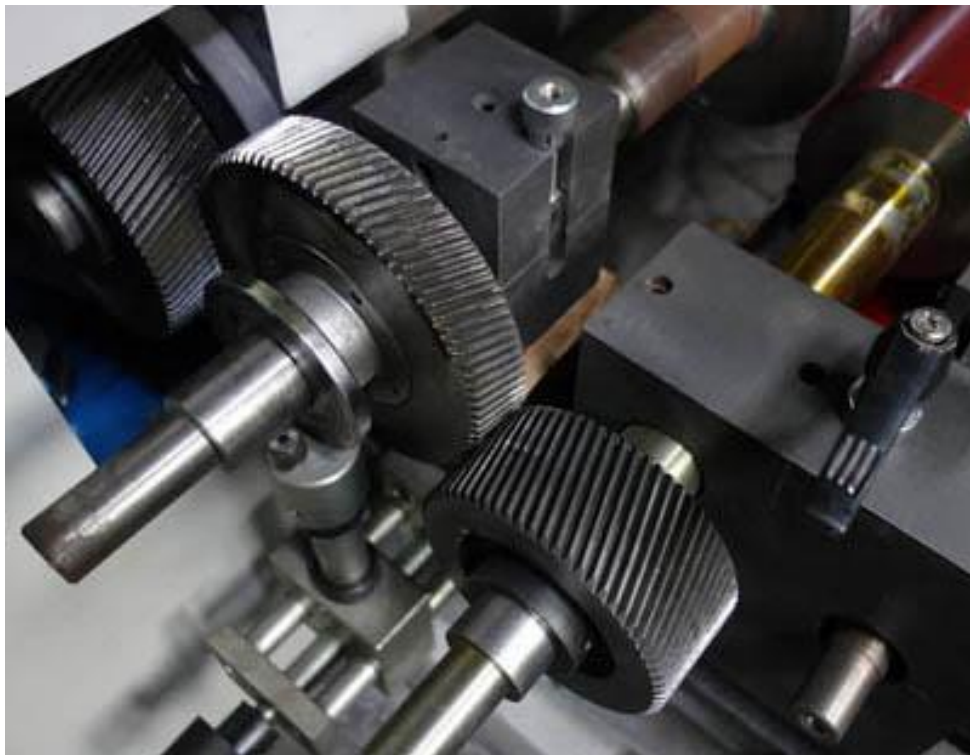
Chamber Doctor Blades & Ceramic Roller



**Single Doctor Blade & Ceramic Roller**



**Helical Gears**





Printing Sample

