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瑞安市新科机械有限公司  
**RUIAN XINKE MECHARINEY CO.,LTD**

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



**XKFPS-6800 SEPARATE 6 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**

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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 over 360°circulation longitudinal register

4.  $\pm 20$ 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

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## 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

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printing roller



2. After printing, long running material space ,it can make the ink drying easily,better results

## PARAMETERS

|   |                          |
|---|--------------------------|
| TYPE  | XKFPS-6800               |
| 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

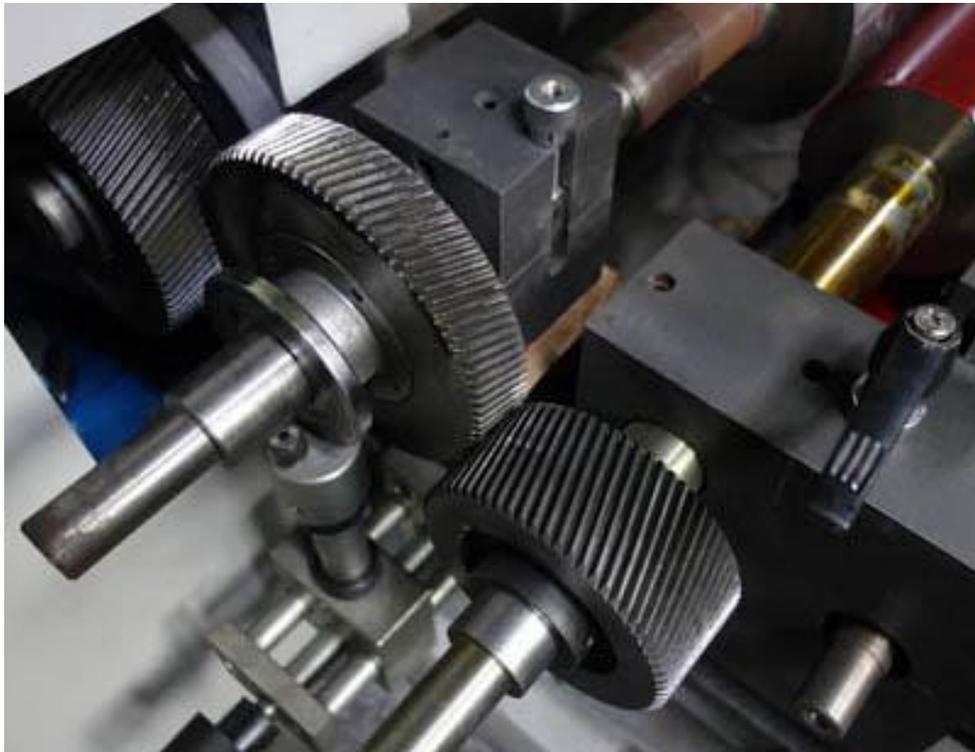


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**Single Doctor Blade & Ceramic Roller**



**Helical Gears**



# Printing Sample

