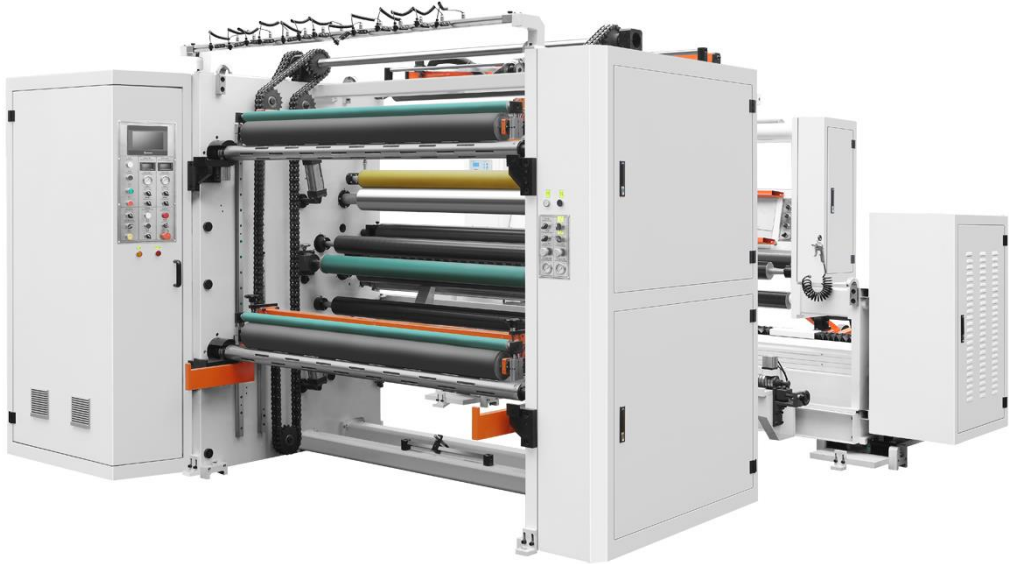


KSFQ-A1600 Model Jumbo Paper Roll Slitter Rewinder



Main technical parameters:

Maximum diameter of unwinding	φ1200mm
Maximum diameter of rewinding	Upper rewinding diameter φ800mm, down rewinding diameter φ1200mm
Min slitting width	50mm
Unwinding paper core diameter	3/6"
Maximum machine speed	400m/min
EPC precision	≤0.40mm
Unwinding motor power	Pneumatic brake (2 sets)
Rewinding motor power	11KW
Driven motor power	7.5KW
Total power of machine	32.5KW
Machine out dimensions	4600 (L) x 4100 (W) x 2250mm (H)
Machine Weight	About 5000kg
Applicable materials	Adhesive paper
Machine color	Milk white (other colors can choose)

Main machine units introduction:

1. Unwinding unit

- 1) Independent unwinding frame
- 2) Shaftless unwinding unit, the whole unit can moving and with hydraulic lift up and down, also can adjust the width.
- 3) EPC lateral rectifying mechanism
- 4) Automatic tension control

Specifications:

Unwinding diameter (Max)	φ1200 mm
Unwinding motor power	11kw
EPC lateral rectifying precision	±0.4 mm

Features:

- ◆ Shaftless unwinding, loading and unloading the roll is quick and convenient.
- ◆ With EPC and can ensure smooth of rewinding.
- ◆ The tension uses the vector frequency conversion to automatically calculate the diameter of the roll by PLC, which makes the tension control of the material film more scientific and more accurate.
- ◆ The tension control range is wide because the motor with active unwinding, without residual torque, and with high tension control precision

2. Adjustment roller and guide roller

- 1) The adjustment structure is manual
- 2) The adjustment roller is fixed at one end and the other end can adjust forward and backward.
- 3) The adjusting roller and guide roller are all use imported bearings

Specifications:

The diameter of adjustment roller	φ100 mm
The Length of adjustment roller	1750 mm
Adjustment range	±20 mm
The diameter of guide roller	φ100 mm
The Length of guide roller	1750 mm

Features:

- ◆ Adjusting roller mechanism to adapt to different kind film
- ◆ The roller after dynamic balance treatment, the machine has no vibration source and smooth for operation.
- ◆ The imported high precision bearings make the roller smooth and reduce the noise of the whole machine at high speed.

3. Main driven device

- 1) AC frequency inverter controlled drive.
- 2) Synchronous belt drive.
- 3) Active traction roller adopts rubber roller mechanism.
- 4) Rotating parts are all use imported bearings.

4. Slitting Unit

- 1) Circular knife cutting method.
- 2) The cutting edge side blow away by the exhaust fan.

Optional: Air knife

5. Rewinding press roller

- 1) Swing arm rotary frame.
- 2) With pneumatic system.

Specifications:

Roller diameter φ100mm

Roller length 1750mm

6. Rewinding unit

- 1) Double slip air shaft, up and down shaft.
- 2) Automatic tension control.
- 3) Rewinding shaft can be taken down.
- 4) Automatic unloading device.
- 5) Infrared paper tube positioning device.
- 6) Rewinding installed with electrostatic eliminator.
- 7) Automatic measurement of roll diameter by ultrasonic sensor.

7. Pneumatic and hydraulic system

This machine has adopted more pneumatic and hydraulic actuator, which is operated by the panel, and is carried out through the solenoid valve. The automation degree is high and less labor force

8. Electric control system:

- 1) Man-machine interface, PLC centralized control with advanced technology
- 2) Man-machine interface display and set the speed of the main machine, the length of the rewinding, and the setting tension for unwinding and rewinding.

Statement: due to this series slitting machine belongs to high-tech product, according to the design requirements we reserve the right to change some of the structure and parameters, in order to provide you with better equipment.

Kingsun Machinery Industrial Co, for more info please check:

<https://www.kingsunmachinery.com/products/ksfq-1600a-model-jumbo-paper-roll-slitter-rewinder.html>