

Automatic Paper Reel Stretch Wrapping Machine



1. Machine introduction:

Paper Reel Wrapping machine is a machine designed for packing rolls of paper, film, dipped tire cord fabric and similar materials manufactured in reels. It is ideal for reel axial wrapping—across the cylindrical diameter then along the longitudinal axis. This packing method can form a **cocoon type packing**. **It is completely Moisture Water & Dust proof packing and protects the products.**

2. Technical Parameter:

Reel diameter	360-1200mm (14"-48")
Reel width	600-1600mm (12"-66")
Turntable loading	2000 kg Max
Packing efficiency	25-40 rolls/hour
Dia. of turntable	2000mm
Turntable speed	0-11rpm
Turntable height	520mm (auto ejection)
Power	2.0kw/AC220V/50HZ, KW 20A-1P。
Machine weight	1080kg
Dia. of roller	160mm
Roller center distance	420mm
Machine dimensions (mm)	3000*2000*2000
Air consume	1000ml/min
Packing height	1000mm

3. Material usage:

Machine is using a standard type of stretch film packaging material for creating a hard to tear, resistance, waterproof cover over the baggage. The film is recyclable.

Specification: Width: 500mm, Thickness: 23-35 microns, Weight: 15kg, 250%Stretchable, One Side Sticky, transparent.

4. Main technical data of the machine:

Controls:

- Schneider PLC control system, HMI (Human Machine Interfaces) easy to operate
- Wrap times can be preset.
- Film Tension Control adjustment on the panel.
- Cycle pause capability.
- 0—11RPM variable turntable speed by frequency changer
- Variable roller speed by frequency changer
- Safety push-pull emergency stop button

Turntable:

- 2000mm Diameter Structural steel plate
- 520mm height turntable
- Position turntable alignment
- Soft start /stop
- Heavy duty chain drive

Film Carriage:

- Powered pre-stretch system up to 250% to min film consumption (Pre-stretch ratio can be specially made according your requirements.)
- Film delivery variable speed by separate DC Drive Motor
- Film dancer-bar with variable speed output.

5. Main components and electrical performance characteristics of the major components:

PLC	SCHNEIDER
Text Screen	EVIEW
Inverters (2 piece)	SCHNEIDER
SSR	AIKS
Photoelectric switches	BEDOOK
Proximity Switches (2 piece)	SCHNEIDER
Limit switch (2 piece)	SCHNEIDER
Turntable motor reducer	ZHONGDA
Film carriage motor reducer	HUAWEI
Films push motor	BOSHAN

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