

FAST 5-LAYER CORRUGATOR Huayu, Rhdpq



Item	Quantity
Hydraulic unwinder	5
Preheater	4
Single fluting unit	1
Additional fluting unit	1
Upper bridge	1
Triple heater	1
Double gluer	1
Drying table	1
Computerized cross-cutter	1
Double cross-cutter	1
Simple double stacker	1
Glue mixer	1
Internal steam system	1

Technical Specifications:

Max. Web Width | 1800 mm

Max. Fluting Shaft Width | 1850 mm

Max. Mechanical Speed | 150 m/min

Economic Speed | 100 m/min

Wave Profile | Customer dependent (A/B/C/E)

Steam Consumption | 3000 - 4000 kg/hour

Working Pressure | 1.0 - 1.3 MPa

Power | Approx. 280 kw Dimensions |

Approx 100m x 5m x 4.5m

Cutting Accuracy | ± 1 mm

Customer Requirements Before Installation

1. Heating system: Steam boiler (capacity approx. 4000kg steam per hour, pressure 1.3 MPa)
2. Connections: Air, glue, steam, water, electricity
3. Foundation for the machine
4. Grease, oils for the machine
5. Unrestricted access to paper, glue, caustic soda for machine testing

ZJ-Y Hydraulic Unwinders



1. Max width 1800mm
2. Min width 900mm
3. Max reel diameter 1500mm
4. Max working pressure: 0.6-0.9Mpa
5. Power supply: 380V, 50Hz
6. Rail length 4500mm
7. Motorized operation; left-right, up-down, and bale clamping and releasing.
8. Handles two reels of paper simultaneously, one working while the other is prepared for change.

9. Paper tension is regulated by a pneumatic brake.

SF320C Fluting Unit with Interchangeable Cassettes



1. Max. Mechanical Speed 150 m/min
2. Economic Speed: 120 m/min
3. Max. Working Width: 1800 mm
4. Max. Working Steam Pressure: 1.0 - 1.3 Mpa
5. Steam Temperature: 160 - 210 *
6. Fluting shafts made of tungsten carbide
7. Vacuum-designed fluting ensures very high quality of the formed wave during production
8. Articulated shaft drive system. Individual gear lubrication systems, increased machine stability, easy and quick maintenance.
9. Glue shafts with knurled surface for improved bonding quality.
10. Adjustment of fluting, pressure and glue shafts by pneumatic system. Fluting unit with heating and preconditioning shafts.

RG Preheater



1. Max. width 1800mm
2. Heating shaft diameter 900mm Temperature range 160—210 degrees
3. Precisely ground and surface-chromed heating and wrapping roller, perfectly polished.

4. The rollers are a professional product that has been pressure tested.
5. The wrapping angle is motorized and easily adjustable for different speeds.
6. The heating surface is electrically controlled.
7. Wrapping rollers; one fixed and one movable.
8. Uses a special seal on both sides, saving steam and improving heating efficiency.

BC-S Top Bridge



1. Width: 1800 mm (70.87 inches)
2. To ensure stable feeding of the web, a suction fan and regulating device are installed.
3. Electric correction of web guiding errors, fast and convenient.
4. A dual-function console with electric control is used at the top and bottom of the machine.
5. A synchronous drive motor is used with high and low speed for storing two-layer cardboard.
6. Vacuum tension control / electric web guiding control.

GM-C Double Gluer



1. Max speed: 150 m/min (492 ft/min), economic speed: 120 m/min (394 ft/min)
2. Max width: 1800 mm (70.87 inches)

3. Max steam pressure: 1.0-1.3 MPa (145-188 psi), steam temperature: 160–210 degrees Celsius (320–410 degrees Fahrenheit)
4. A precision engraved applicator roller ensures even glue application and less glue consumption
5. Pneumatically controlled pressure roller, easy and quick adjustment.
6. Glue feeding system with automatic circulation to prevent glue drying.
7. Drive from the drying table.
8. Self-heating device accelerates glue gelation and causes stronger glue bonding.

SM-C Drying Table



1. Max speed: 150 m/min (492 ft/min), economic speed: 100–120 m/min (328–394 ft/min)
2. Max width: 1800 mm (70.87 inches)
3. Heating plate width: 600 mm (23.62 inches), number of plates: 17 pcs
4. Pressure roller diameter: 60 mm (2.36 inches), belt thickness: 10 mm (0.39 inches)
5. Made of polished steel plates.
6. Steam inlet pipe for the heating plate, divided into 3 sections.
7. The heating temperature for each section can be controlled independently.

8. For adjusting the tension of the upper cotton belt: one set of pneumatic regulating device and one set of manual regulating device; air cylinder: diameter .160mmx250mm stroke.
9. For setting the tension of the lower cotton belt: one manual regulating set.
10. For guiding the upper cotton belt: one manual regulating set.
11. Drive cylinder 1 set
12. Upper roller: diameter .640mm wrapped with asbestos cloth. Lower roller: dia.640mm
13. Belt guide roller: diameter .320mm
14. Each roller is wrapped with asbestos cloth.
15. DRYING BELT 1 set Thickness 10mm Max. working temperature 220 degrees

NC Computerized Longitudinal Cutter



1. Cutting mode: 5 blades, creasing 8 lines
2. Memory: 999 orders, can be realized. non-stop or manual change, within 3 to 8 seconds.
3. Automatically synchronized with the corrugator and the company's production management system.
4. High quality imported industrial computer and PLC display with CNC system.
5. Thin tungsten carbide and hardened blades with a lifespan of over 8 million meters.
6. Computerized automatic sharpening (or manual) increases efficiency.

DOUBLE N.C CUT OFF



1. Cutting length: 500-9999 mm (19.69-393.7 inches), order memory: 999
2. Cutting accuracy: ± 1 mm (0.04 inches)
3. Power: 11 kW (14.75 hp), shaft diameter: 190 mm (7.48 inches)
4. Max speed: 150 m/min (492 ft/min), max production speed: 120 m/min (394 ft/min)
5. With a window on both sides, easy to see production.
6. Hermetically lubricated drives, ensuring high precision and stability.
7. Special design of the blade changing mechanism, easy and quick change.
8. Meets precise CE standards, ensuring high quality, long service life and stable operation.
9. The drive uses AC servo, the drive system made in Germany, in high quality and speed.
10. The electrical frequency system is used, saving energy and improving stability.
11. The system has an automatic control function and an anti-snatching device for abnormal functions.
12. The computer can automatically adjust the cutting acceleration

Simple Double Stacker



1. Maximum sheet length: 2800 mm (110.24 inches)
2. Automated sheet stacking and transfer.
3. Automatic stack movement after reaching a predetermined height.

Glue Kitchen

