

CANGZHOU XINTIAN PACKINGMACHINERY CO.,LTD

WJ-1800 mm Paper Box Production line



※ Structure and Features

- ★ Adopt suction structure with high pressure strong fan. Air suction device with sound, the air source and electrical control are on the same operation counters, the distance from the host machine will not be less than 1.5 meters, operating side closed all the hood.
- ★ Engine base and wallboard adopt cast iron structure, the thickness of wallboard is 180 mm. Independent gear box, gimble transmission.
- ★ Corrugated roller adopts CrMo alloy steel, treated by tempering, laser quenching and surface polishing. Corrugated roller diameter is $\phi 270$ mm, surface hardness is above HRC60 degrees. The bearings of the corrugated roller and pressure roller in the key part use in wafangdian high temperature resistant bearing.
- ★ Pressure roller is $\phi 337$ mm, surface is grinded and processed by chromium; Cylinder control moving, the material is medium-carbon steel 45, quenching and tempering treatment (with buffer device).
- ★ Glue wallboard adopts slide structure, pneumatic control the glue, glue roller diameter is $\phi 240$ mm surface is treated by polishing and hard chromium plating. The glue-scraping roller surface is polished and treated by hard chromium.
- ★ Glue part can move bodily, replace glue roller quickly and conveniently. Electric adjustment glue spread quantities of digital display.
- ★ Corrugated roller, pressure roller raw materials provided by Zhongyuan special steel, corrugated roller unilateral 0.15 mm high on, pressure roller unilateral 0.075 mm high. Add

600 Triple Per-heater

※Structure and Features:

- ★The preheater roller is under the standar of the 1st class(grade) pressure vessel of the national.
- ★All the surfaces of every roller have been grinded with high accuracy and chromed plated to less the resistance of paper preheating, long service of using life.
- ★Electric to enlarge the preheating area, preheating area can be in 260 °C to adjust the preheating area.
- ★With auto-locking function.
- ★steam-heating type.

※Common Spec:

- 1, Working Width: 1600mm
- 2, Diameter of the Preheater cylinder: \varnothing 600mm Preheating adjusting area by electric: 270° Diameter of the Preheating adjusting area by electric: \varnothing 110mm×2
- 3, Steam temperature: 80-200℃ Steam pressure: 0.8-1.3Mpa
- 4, Working Power: 380V 50Hz
- 5, Power: 0.37kw Short Time(S2) Working Type



※Spare Parts that need to buy from others and main materials:

Main Parts' Name	Band or Origin	Material
Steam Rotary Joints	Shandong Tengzhou Luguanqiu Rotating Joint Factory	
Preheater Cylinder	Hebei Iron & Steel Group Tangshan Iron & Steel Co., LTD OR Jinan Iron & Steel Group Co., Ltd	Q235B Pressure Container Plate
Bear	China	
rolling bearing units	China	



Hydraulic Reel Stand



※ Structure and Features:

- ★ Symmetrical structure, can carry two Kraft paper at one time, which can work without brake.



Kraft paper feeding trolley & guide rail



※ Structure & Features:

★ to feed the Kraft paper to reel stand.

★ The whole body of rack is under the ground, main frame: Model 14 channel steel is weld with \varnothing 20mm round steel, length: 6000mm.

★ Two racks for one reel stand to feed the Kraft paper at both side.

※ Spare Parts that need to buy from others and main materials:

Main Parts' Name	Band or Origin	Material
Rack & Trolley	Hebei Tangshan Iron & Steel Co., Ltd OR Jinan Iron & Steel Group Co., Ltd	Model:14 Channel Steel,Q235A, strip steel
Bear	China	



600 Preheater of the Kraft paper



※ Structure and Features

- ★ The preheater roller is under the standard of the 1st class(grade) pressure vessel of the national.
- ★ All the surfaces of every roller has been grinded with high accuracy and chromed plated to less the resistance of paper preheating, long service of using life.
- ★ Electric to enlarge the preheating area, preheating area can be in 260 °C to adjust the preheating Area.
- ★ Electric enlarging the preheating area by cycloid motor. With auto-lock function
- ★ Steam heating type

※ Spec:

- 1, Practical Width: 1600mm
- 2, Diameter of the preheater: \varnothing 600mm Electric to adjust the preheating area in 270°
- 3, Diameter of the heating area electric adjusting rollers: \varnothing 110mm \times 2
- 4, Steam temperature: 80-200°C Steam Pressure: 0.8-1.3Mpa
5. Working Power: 380V 50Hz
- 6, Power: motor:0.37kw Short Time(S2) Working Typ

270 Type single facer



Double Gluer machine



Structure and Features:

- ★ Glue rollers' surfaces are annealed, inside hold processed, with dynamic balanced. The surface is grinded and carved reticulated mottles, glue balance and costless
- ★ The glue rollers' turning is controlled by frequency variable motor & frequency variable controller. With frequency variable controller, the glue rollers' speed can follow the double facer or by himself.
- ★ To prove the nice glue water and do not waste, we adopts auto recycle glue supply, with glue amounts effective controlled, to avoid the glue becoming sediment.
- ★ All the rollers surfaces are grinded and then chromed plated.
- ★ Up & down level glue is driven by one frequency variable motor.

※Common Spec:

- 1, Max working width: 1600mm
- 2, Operation Direction: Left 80 m/min
- 4, Preheater cylinder temperature rang: 80—200℃ Steam pressure: 1.12—1.3Mpa

13 / 22



Single corrugated NC cut off



✧Structure and Features:

★ Can store 200 group of order, replace the paper-cutting specifications quickly and accurately, non-stop order-change, and can realize the computer networking,

convenient operation and management.

★ Adopt precise forging steel material which was high-frequency quenched to realize no lateral clearance transmission, and use advanced free key links mode, high driving accuracy and long service life.

★ Adopt straight blade, serrated knife type, to reduce the cardboard resistance, low noise.

★ The front and back paper-feeding wheel all use the sun wheel pressure paper way, conveying



Double Facer



✂Structure and Features:

★ Hot Plates' surfaces is grinded and then chromed plated, width:600mm.total 12 pieces of hot plates, cold shaping part:6.5m length.

Hot plates are made by container plates, can pass the national first level pressure container standards

★ Hot plates adopt the compressed gravity press rollers; structure.

★ Press rollers' lifting up and down is driven by electric structure.

★ Up convey belt left and right correct by manual with both sides, tension adjusting system: 2 sets, pneumatic adjust.

★ Drive rollers' surface is wrapped by rubber, Y shape structure with middle height to make sure the board can be





CF-110 Right-angle Sheet Output Machine with high quality and best price.

1 Maxsheet-length: 2300mm

2 Automatically stacking and delivering out the cardboard in vertical direction.

3 It adopts the wide conveyer belt for sheet collection and delivery.

4 The sheet shall be delivered out in transversal direction through switch control when its quantity or height is up to the demand.

✘Glue Making System

✘Structure and Features:

★Supply glue for the single facers and double glue machine etc glue-costing equipment.

★The horizontal glue making machine can be equipped with main glue and carrier glue and mixed, can make large amount of glue.



※Spare Parts that need to buy from others and main materials:

Main Parts' Name	Band or Origin	Material
Main Frame	Tianjin Iron & Steel Group Co., Ltd Or Laiyang Steel Co., Ltd	400 or 300 Channel Steel and 125H steel
Heating Plates	Tianjin Iron & Steel Group Co., Ltd or Jigang Group Co., Ltd	Q235B Container Plates
Main Drive Motor	CHINT	Frequency variable 37KW
Cotton Convey Belt	Shenyang Fuli	Thickness of cotton belt 9mm
Drain Valve	Beijing	
Electric Appliance	C	

Thin blade slitter scorer



※structural features:



※ Steam System

※ Structure & Features:

- ★ To supply the heating energy for the various heating parts of the line, and keep the working temperature steady.
- ★ Each groups are deigned to be single steam supply system, temperature control by part, energy saving and adjust conveniently.
- ★ Temperature controlled by adjusting the steam pressure, and with pressure gauge.
- ★ To long the using line of the rotary joints, the pipe system and rotary heating parts are connected by metal flexible pipe to realize the flexible connection
- ★ All the steam pipes are chosen of seamless steel pipe, to make sure the safety under the normal pressure.



※ Common Spec:

1, Steam costing speed: About 4T/h

