

WJ200-2200-II type five layer corrugated cardboard production line

Business quotation § technical parameters





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携手联袂 共襄盛举

服务热线: 0317-7751118

Main technical parameters and requirements in production line

Type: WJ200-2200- II type five layer corrugated paperboard production line:

1	Effective width	2200mm	2	Design produce speed	200m/min	
3	Three layer econom speed	ic 150-180m/min	4	Five layer economic speed	120-160m/min	
5	Seven layer econom speed	ic	6	Maximum order change speed	100m/min	
7	Longitudinal separation accuracy	±1mm	8	Cross-cutting precision	±1mm	
not e	· •	eed the above targets required to achieve : effective width2200mm . Comply with the following adards and ensure the paper's equipment condition 175 $^\circ\!$				
	Top paper index	100g/m²200g/m² Ring	g crush	n index (N.m/g) ≥8 (W	ater containing8-10%)	
	Core paper index	80g/m²160g/m² Ring	ter containing8-10%)			
	In paper index	90g/m²160g/m² Rin	ng crus	rush index (N.m/g) ≥6 (Water containing8-10%)		
9	Flute combination					
10	Steam requirement	The maximum pres 10kg/cm ²		Common pressure8-10kg/cm ²	use4000kg/Hr	
11	Electricity demand	AC380V 50Hz 3PH				
12	Compressed air	The maximum pres 8kg/cm²		Common pressure5-7kg/cm ²	use1m³/min	
13	Space	≈L _{min} 80m*W _{min} 10m*H _{min} prevail)	_n 5m(Th	ne actual drawing to pro	ovider to provide audited	

Customer owned section:

- 1、Steam heating system: proposal with 4000Kg / Hr of a steam boiler. Pressure:1.25Mpa steam pipeline.
- 2. Air compressed machine. air pipeline. glue conveying pipe.
- 3. Power
- 5. Water, electricity, gas flush mounting civil foundation.
- 6. Test with the base paper. corn starch (potato). Industrial use caustic soda. borax and other material.
- 7. Oil equipment, lubricating oil, hydraulic oil, lubricating grease.
- 8, installation, commissioning of food, accommodation. And provide installers with the installation.

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Corrugated machine project list

WJ200-2200- II type five layer corrugated paperboard production line

			10200 2200 H1	ype live layer corrugated paperboard production line
Specifica tion	Equipment name	QTY		Remark
ZJ-V5B	Hydraulic shaftless mill roll stand	5set		Spindle ¢ 240mm, hyperbolic heavy rocker, expansion type chuck, multi-point brake, hydraulic drive lifting, panning left and right on the middle.
DXC	Electric loading trolley	10set		Electric trolley, double guide rail length is 9000mm, welded by middle plate.
JZJ	Automatic splicer	5set		Automatic splicer keep corrugating cardboard assembly line uninterrupted work, Reduce paper consumption, Greatly improve productivity.Maximum speed 200m/min
R09B	Top paper preheat cylinder	2set		Roller Ø 900mm, including pressure vessel certificate. Adjust the wrap angle electrically. The wrap angle can adjust the heated area of the paper within 0-270°.
R06B	Core paper preheat cylinder	2set		Roller ¢ 600mm, including pressure vessel certificate. Adjust the wrap angle electrically. The wrap angle can adjust the heated area of the paper within 0-270°.
SF-360E A	Cassette Single facer	2set		Main corrugating roller \$\tilde{\pi}\$ 360mm , corrugating roller group flute quick change.corrugated roller with spraying tungsten carbide dealing.with maintenance-free airbag loading,PLC automatic control glue, HMI touch screen, Breaks automatic parking relief.
DY-C	Electric hydraulic roller change forklift	1set		Large capacity battery, power walking, hydraulic lift, centralized control.
MK-360	Corrugatin g roller quick change Module	2set		Corrugating roller diameter:360mm, with tungsten carbide dealing, Modules including: Both ends of the shaft seat, bearing, steam element, Suction box, Pneumatic components assembly.



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R09B-3	Tripe preheater	1set		Roller \emptyset 900mm, including pressure vessel certificate. Adjust the wrap angle electrically. The wrap angle can adjust the heated area of the paper within 0-270°.
GM-20	Double glue machine	1set		The diameter of the glue roller is 268mm. Each layer is driven by an independent variable frequency motor, and the PLC adjusts the glue gap and human-machine interface.
TQ25-2	Conveyor bridge	1set		The national standard 250 channel steel, 150H steel, 63 angle steel and other connections are used, and the independent frequency conversion motor drives the paper to lift and convey.
XG-JP	Automatic correction	1set		No power correction model save energy. High precision sheet correction. Paper width change does not require any adjustment Full width infrared detection curtain. Reduce paper waste generated tear. reduce the waste of paper edge not to precision.
SM-F	Double facer	1set		The frame is 360 mm national standard channel steel, chrome-plated hot plate 600 mm * 16 pieces, and the whole process hot pressing plate design structure. PLC automatically controls the platen. Temperature display, variable frequency motor.Cotton belt is with sides protection.With auto temperature controlling system.
	Corrugated flute heating system	1set		
NCBD	NC thin blade slitter scorer	1set		Tungsten alloy blade, seven-knife and twelve creasing, zero-crimping type. The full servo computer automatically arranges the knives, and the width of the air inlet is automatically adjusted.
NC-20	Double layer NC cutter helical knives	1set		Full AC synchronous servo control, energy storage brake, helical knife structure, alloy gear transmission, lubricating oil pressure protection, 10.4-inch touch screen display.



WJ-200-2200-II Technical description and quotation

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	Automatic big gantry stacking machine					Servo drive platform lift, four sections of frequency transmission, automatic points in batches, automatic stacking discharge, imported high-strength belt output,out paper side standard transport aircraft.
DM-LM	Conveyor	1set				Including 2 sets of auto conveyor and 6m unpowered conveyor roller.
	Automatic small gantry stacking machine					Servo-driven platform rises and falls, four-stage frequency conversion conveying, automatic counting and stacking discharge, imported high-strength belt output, and standard delivery frame on the paper side.
SG	Production Manageme nt System	1set				Improve the automation of production lines, easy to operate.reduce consumption,Improve the utilization of the base paper, save costs. Automatic control production line, stable quality cardboard.Increase the average speed, Increase productivity.Automatic statistics production, Easy to keep control of the production line, improve efficiency.
ZJZ	Glue station system	1set				The addition of all materials is set by the program, controlled by PLC, and the measurement is accurate. The system does not need to use stabilizers when making paste, and the paste has a strong penetration force, and the paste is stable and can be stored for a long time without stratification.
QU	Air source system	1set				Customers provide their own air source.
ZQ	Steam system	1set				Including steam components such as pipeline valves, traps, instruments, etc. in the equipment, the customer provides heat sources and pipelines.
DQ	Electrical control cabinet system					Electronic control system: The adsorption type single-sided machine, the drive part, the double-sided machine, and the gluing machine all use variable frequency motors, and Delta's variable frequency control system. The operation interface is simple and convenient, and the speed display control cabinet is equipped with the functions of speed display of each unit, unit call, and emergency stop.

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Remarks:

- 1. NSK bearings as main bearings for the total line.
- 2. Chucks for mill roll stand are expansion type.
- 3. All the inverters brands are Delta.
- 4. Cotton belt is with sides protection.(each side is 10-15cm) and auto temperature system.
- 5. Including 3 sets of thin blades(21 pieces of thin blades) for NCBD slitter scorer as spare parts.
- 6. Including 2 pairs NC cutter blades as spare parts.
- 7. Including all the steam pipes and valves between boiler and corrugated cardboard production line.
- 8. Including two years warrenty spare parts.

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1、ZJ-V5B Hydraulic shaftless mill roll stand

A Technical parameters:

Working wide	2200mm
Paper	MAX: 1500mm
diameter	MIN:300mm
Paper width	MAX: <u>2250mm</u>
Width	MIN:1050 <u>mm</u>
Weight	3 T
capacity	<u> </u>
Paper head	Teeth 3 inches 4 inches
size	
brake	Spur gear type 4 points
	pneumatic
Working air	0.40.8Mpa
pressure	



B. Main performance characteristics:

- ★Adopt hydraulic drive to complete the paper clamping, loosen, remove for the medium, translation left and right and others, the lifting of the paper adopts hydraulic drive.
- ★The brake uses a multi-point brake system, a gear disc structure, equipped with a cooling fan, Airtac pneumatic components, stable tension, and long life.
- ★The large-diameter spindle design, the swing arm slides smoothly, and the steel guide rails are treated with high frequency treatment, which is super wear-resistant.
- ★The hydraulic cylinder is installed on a twisted shaft, which does not bear radial force and is easy to maintain.

C. Hydraulic system parameters:

Working pressure	Hydraulic cylinder working range	Hydraulic cylinder working range	Hydraulic station motor power	Solenoid valve working voltage
1618Mpa	⊄ 100×420mm	⊄ 63×800mm	3.7KW380V 50Hz	220V50 Hz

D. Mainly purchased parts, raw materials and origin:

Serial	Name of main parts	Brands or place of origin	Remarks
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numbe			
r			
01	Main shaft	TianJin steel production	⊄ 242mm
02	Swing arm	Production by own	Resin sand gray ironHT250
03	Wallboard	Jigang prduction	Q235A Welding parts
04	Bearing	NSK	
05	Main electrical appliance	SIEMENS	Contactor, relay, button
06	Hydraulic station	7 Ocean	Taiwan oil pump solenoid valve

2. Electric Paper trolley

A. Technical parameters:

Track	9000mm
length	
Paper loading method	Electric
Main frame	18 channel steel and ⊄ 20mm cold drawn round steel



B、Structural feature:

- ★The web is automatically up and down. Electric push to the position.
- ★The whole track is buried. The main frame is No. 18 channel steel. I-beam is welded with ¢20mm cold drawn round steel. The length of the guide rail is 9000mm.
- ★Each paper holder with two paper carts can feed paper from both sides at the same time.

C. Mainly purchased parts, raw materials and origin

Serial number	Name of main parts	Brands or place of origin	Remarks
01	Track and paper trolley	TangShang or JiNan	NO18 channel steel Q235A steel strip
02	Bearing	C&U	

3. High-speed automatic splicers

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A Technical parameters:

Working wide	2200mm	
Link paper speed	200m/min	
Air pressure	6 bpa	



B、Structural feature:

- ★The maximum diameter of the applicable paper: 1500mm.
- ★With the automatic tension control of the original paper holder, the paper can be picked up at high speed and the success rate is high.
- ★No tail paper receiving, reducing paper consumption (only partially overlapping paper tape with a width of 40mm).
- ★When paper car take out, the automatic turn out, and the vacuum adsorption, easy paper loading, automatic tension control paper receiving zero turnovers.
- ★All PLC automatic control, accurate, less failure, easy maintenance.
- ★The first round of the buffer when you pull the paper, automatic alignment, easy to pull paper.
- ★Machine superiority cylinder control speed splicers paper receiving moment does not appear normal motor control of rubble, blistering.
- ★Paper receiving highest speed of 200 m / min.

C. Main component parameters:

Craftsmanship Part name	Specification	Material	Surface treatment
Upper paper guide shaft	⊄ 137mm	45# steel	Round grinding chrome
Lower paper guide shaft	⊄ 150mm	45# steel	Round grinding chrome
Buffer reel guide roller 1	⊄ 126mm	45# steel	Round grinding chrome
Buffer reel guide roller 2	⊄ 137mm	45# steel	Round grinding chrome
Pinch paper roller	⊄ 99mm	45# steel	Round grinding chrome
Hold paper roller	⊄ 99mm	45# steel	Round grinding chrome

D、Mainly purchased parts, raw materials and origin:



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Name of main parts	Brands or place of origin	Remarks
Breaker	Schneider	
Contactor	Schneider	
Relay	Schneider	
Left and right conversion solenoid valve	Japan SMC	
Precision pressure regulator	Japan SMC	
Electric proportional valve	Japan SMC	
Speed increase relay	Japan SMC	
Filter	Japan SMC	
Wire rope	American Smurfs	Aviation equipment
Sealing ring	American Parker	
Proximity switch	Omron Japan	
PLC	Taiwan Delta	
Geared motor	Taiwan Takasaki	
The electromagnetic valve	TaiWan AirTAC	
Cylinder	STNC	
	Breaker Contactor Relay Left and right conversion solenoid valve Precision pressure regulator Electric proportional valve Speed increase relay Filter Wire rope Sealing ring Proximity switch PLC Geared motor The electromagnetic valve	Breaker Schneider Contactor Schneider Relay Schneider Left and right conversion solenoid valve Precision pressure regulator Japan SMC Electric proportional valve Japan SMC Speed increase relay Japan SMC Filter Japan SMC Wire rope American Smurfs Sealing ring American Parker Proximity switch Omron Japan PLC Taiwan Delta Geared motor Taiwan Takasaki The electromagnetic valve

4、R09B Top paper preheater

2200mm
⊄ 900mm
0-270°
5 = 1 5
⊄ 110mm×2
200℃
1.2Mpa





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Working power	380V	50Hz	3PH
Motor power	250W	short (S2)	working
'	system		

B Structural feature:

- ★Used for preheating single-sided corrugated paper and tissue paper to increase temperature, facilitate bonding, control moisture, and smooth cardboard.
- ★Each roller surface after grinding precision grinding and dealing with hard chrome plating, Surface friction is small, durable.
- ★Electric adjustment angle, and angle can rotation adjustment the preheat area in the range of 0-270°.
- ★The preheating roller adopts the flat head design, which complies with the national standard of Class I pressure vessels, and is accompanied by a pressure vessel certificate.

C. Mainly purchased parts, raw materials and origin:

Serial number	Name of main parts	Brands or place of origin	Remarks
01	Framework	Tang Steel Profile	Welded parts stress relief
02	Steam rotation joint	Quanzhou yujie	
03	Preheater	Hangang or jigang	Q235Bpressure container board
04	Seat belt bearing	FuJian FGJ	
05	RV Reducer	Taiwan city-state or Wanxin	RV75
06	Main electrical appliances	SIEMENS	Contactor, relay, button
07	Trap	BeiJing	Float
08			

R06B Core paper preheater

Working wide	2200mm
Diameter of preheat roller	⊄ 600mm
Angle adjustment range	0-270°
Angle shaft	⊄ 85mm×2



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diameter			
Steam		200℃	
temperature			
Steam pressure		1.2Mpa	
Working power	380V	50Hz	3PH
Motor power	250W system	short (S2)	working



B、Structural feature:

- ★Used for preheating single-sided corrugated paper and tissue paper to increase temperature, facilitate bonding, control moisture, and smooth cardboard.
- ★Each roller surface after grinding precision grinding and dealing with hard chrome plating, Surface friction is small, durable.
- ★Electric adjustment angle, and angle can rotation adjustment the preheat area in the range of 0-270°.
- ★The preheating roller adopts the flat head design, which complies with the national standard of Class I pressure vessels, and is accompanied by a pressure vessel certificate.

C. Mainly purchased parts, raw materials and origin:

Serial number	Name of main parts	Brands or place of origin	Remarks
01	Framework	Tang Steel Profile	Welded parts stress
	Tamework	rang oteen nome	relief
02	Steam rotation joint	Quanzhou yujie	
03	Preheater	Hangang or jigang	Q235Bpressure
		0 0 70 0	container board
04	Seat belt bearing	FuJian FGJ	
05	RV Reducer	Taiwan city-state or Wanxin	RV75
06	Main electrical appliances	SIEMENS	Contactor, relay, button
07	Trap	Bei Jing	Float
08			

5、RG09B-3 Triple preheater



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Working wide	2200mm	
Diameter of preheat roller	⊄ 900mm	
Angle adjustment range	270°	
Angle shaft diameter	⊄ 110mm×2	
Steam temperature	200℃	
Steam pressure	1.2Mpa	
Working power	380V 50Hz 3PH	
Motor power	250W short (S2) working system	



B、Structural feature:

- ★Used for preheating single-sided corrugated paper and tissue paper to increase temperature, facilitate bonding, control moisture, and smooth cardboard.
- ★Each roller surface after grinding precision grinding and dealing with hard chrome plating, Surface friction is small, durable.
- ★Electric adjustment angle, and angle can rotation adjustment the preheat area in the range of 360°.
- ★The preheating roller adopts the flat head design, which complies with the national standard of Class I pressure vessels, and is accompanied by a pressure vessel certificate.

C. Mainly purchased parts, raw materials and origin:

Serial number	Name of main parts	Brands or place of origin	Remarks
01	Framework	Tang Steel Profile	Welded parts stress relief
02	Steam rotation joint	Quanzhou yujie	
03	Preheater	Hangang or jigang	Q235Bpressure container board
04	Seat belt bearing	FuJian FGJ	
05	RV Reducer	Taiwan city-state or Wanxin	RV75
06	Main electrical appliances	SIEMENS	Contactor, relay, button
07	Trap	BeiJing	Float
08			

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6. SF-360E Cassette Single facer

A. Technical parameters:

Working width	2200mm
Design speed	200m/min
Economic speed	120-180m/min
Paper feed range	22501050mm
Steam	200℃
temperature	
Steam pressure	1.2Mpa
Working power	380V 50Hz 55KW



B、Structural feature:

- ★Main corrugating roller: \emptyset 360mm (According flute differ), pressure roller \emptyset 415mm, preheat roller \emptyset 400mm.
- ★Using negative pressure design, lower heat consumption, helps the core paper to press evenly and close to the surface of corrugated roller, make the corrugate molding better, because the pressure evenly, the top of corrugate can glue uniform and better, make the single corrugated paper have perfect laminating.
- ★Quickly change rollers in 10 minutes, while change corrugated roller with the electric trolley loading, put into the machine, and air pressure system will lock it, fixed to the machine base, only need a few buttons can complete the replacement quickly and easily.
- ★Corrugated roller adopt50CRMO high quality alloy steel, dealing with heat,after grinding tungsten carbide surface treatment.
- ★Corrugated roller, pressure roller adopt airbag control system having high stability, having the barometric pressure control buffering effect at the same time.
- ★Glue volume control with electric adjustment, rubber septum electric device, the glue system can operate independently when the motor stops, prevent glue exhausted.
- ★The moveable type glue unit is convenient to clean and maintain.
- ★Easy operation control system, touch screen operation interface, Drawing with color display operating status, function selection, fault indication, and parameter settings, etc. can exclude exhibit this machine fully functional, easy to operate, user-friendly.
- ★Built-in pre-conditioner with proportional spraying device, adjustment the core paper temperature and moisture.
- ★Main, vice corrugating and pressure roller bearings are used in high-temperature grease to

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ensure bearing life running smoothly.

C \ Main component parameters:

Part name	Specification	Material	Surface treatment
Corrugated roller	Main roll ⊄ 360mm	50CrMAo 合金钢	Tungsten carbide treatment
Pressure roller	⊄ 415mm	45# steel	Hardened round grinding chrome plating polishing
Glue roller	⊄ 269mm	45# steel	Round grinding and pressing pit mesh chrome plating
Fixed paste roller	⊄ 153mm	45# steel	Round grinding chrome
Preheat roller	⊄ 400mm	Q235B	Round grinding chrome
Paper guide roller	⊄ 110 mm	45# steel	Round grinding chrome

D、Main dynamic parameter:

Name	Power	Voltage	Frequency
Main drive motor	30KW	380V	50HZ
High-pressure suction	15KW	380V	50HZ
motor			
Adjustable glue push rod	30W	380V	50HZ
Glue adjustment motor	200W*2	380V	50HZ
Rubber pump motor	2.2KW	380V	50HZ
Motor of glue department	3.7KW	380V	50HZ

E、Main parts brand and origin:

Serial number	Main part name	Brand or place of origin	Remarks
01	Box rack	Self-produced	HT250
02	Rotary joint and metal hose	FuJian	
03	Main drive motor	YongShun	30KW Inverter motor
04	RV reducer	Taiwan city-state or Wanxin	
05	Bearing	NSK	
06	Seat belt bearing	FuJian	
07	High pressure fans	Shanghai yingfa	15KW
08	Pneumatic Components	AirTac	



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09	The electromagnetic valve	AirTac	
10	Low-voltage electrical	SIEMENS	Contactor roley button
	appliances	SIEWENS	Contactor, relay, button
11	Frequency controller and	Delte	
	PLC	Delta	
12	Touch screen	MCGS	

7. TQ25-2 Heavy type conveyor bridge

A Technical parameters:

Working width	2200mm	
Design speed	200m/min	
Bridge layer	2 layer	
Working power	380V 50Hz 13K\	



B Structural feature:

- ★The part of the flyover is to lift the single-facer corrugated paper produced by the single-facer machine, lift it and transport it to the glue coating machine, apply the glue to the double-facer machine, slowly convey it, and have sufficient paper storage capacity, which is convenient for changing paper and order without stopping.
- ★This part is made by connecting the main beam with national standard 250 channel steel, 150H steel, 63 angle steel, etc., and the structure is reasonable. No jitter at high speed. The conveying and storage areas are covered with galvanized steel, with low friction, 3 sets of climbing ladders, and 1.2-inch safety guardrails on both sides. High-strength herringbone pedal, to ensure the safety of personnel and easy operation.
- ★Both sides are equipped with safety barriers and security herringbone pedal operation plane is equipped with safety ladder, ensure staff safety and ease of operation.
- ★All roller surface after grinding hard chrome plating.
- ★Lifting part of independent frequency conversion drive. The high-strength jointless belt has no corrugation, and the upper layer is conveyed slowly and over a long distance, so it is not easy to break the paper.

C Main dynamic parameters:

Name	Power	Voltage	Frequency
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Single-facer corrugated paper	4KW	380V	50HZ
lifting motor			
Bridge adsorption fan	3KW	380V	50HZ
Adjusting board wide motor	250W	380V	50HZ

D、Main parts brand and origin:

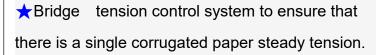
Serial number	Main part name	Brand or place of origin	Remarks
01	The bridge main skeleton	Tiangang or tanggang	It is made of national standard 250 channel steel, 150H steel, 63 angle steel, etc.
02	Guardrail	Tiangang	Ф42mm Low pressure fluid pipe
03	Paper lifting belt	Shanghai	PVC conveyor belt
04	Cardboard conveyor belt	Hebei	Parallel transport rubber band
05	Frequency converter	Delta	
06	Bearing	NSK	
07	Seat belt bearing	FuJian	
08	Paper width adjustment reducer	Shangdong jinbuhuan reducer	
09	Paper motor (frequency)	Hebei hengshui	
10	Conveying roller and paper roller over paper roller	Tiangang Seamless steel pipe	
11	Low-voltage electrical appliances	SIEMENS	Contactor, relay, button

8. Bridge correction machine control system

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- ★Non-contact detection corrugated.
- ★High precision correction paper.
- ★It does not require any adjustment when the width of the paper changes.
- ★Closed-loop control, continuous operation.
- ★Full size infrared LED detection, long life.
- ★At the same time the center and edges of the base correction.



- ★Tension control manually controlled by the regulator.
- ★With auxiliary threading motor. In the new paper, when customer assistance.
- ★With the paper through the switch. Joints over time cut the tension.





B、 Main parts brand and origin:

Serial number	Name	Quantity	Model
	Correction machine		
1	Correction light curtain	2	FE4521
2	face paper light curtain	1	FE4521
3	Fitting module	2	ZC4081
4	control motor	2	AG2591
5	control panel	2	DC0341
6	display	1	DO2000
	Tensioner		
1	PLC	1	FBS-24MAT2-AC



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2	Proportional valve	2	DSMC I+V1050-31
3	Brake system	2	

9. GM-20 Double glue machine

A. Technical parameters:

Working width	2200mm	
Design speed	200m/min	
Economic speed	100180m/min	
Glue volume adjustment range	0.08-0.6mm	
Number of anilox roller	32 lines	
Preheating cylinder temperature range	150—200℃	
Working power	380V 50Hz 9KW	
Air source system	0.4—0.9Mpa	
Pressing method	Pneumatic	



B、Structural feature:

- ★The double glue machine is a corrugated paper conveyed from the flyover. After preheating, it is coated again with glue and then pasted into the double-sided machine to paste and bond to produce three-layer five-layer cardboard.
- ★Frame cast iron structure, stable performance, upper middle layer preheater diameter 400mm, increase paper temperature to facilitate glue paste, double pressure roller design glue evenly, stainless steel glue groove, automatic circulation glue supply.
- ★after quenched of the glue roller surface, the hole machining, surface grinding and doing balancing engraved anilox pit type, coating evenly, less consumption of plastic.
- ★The transmission of the glue unit is directly connected by the frequency conversion motor through the reducer, and the frequency conversion control ensures that the linear speed of the glue roller is synchronized with the double-sided machine and can operate independently. Use angle sensor, PLC, touch screen man-machine interface display. According to different paper quality, different speeds automatically control the amount of glue, according to the different corrugated shape automatically adjust the gap between the pressure rollers, without accumulating errors.

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C. Main component parameters:

Craftsmanship Part name	Specification	Surface treatment
Glue roller	⊄ 268mm	Round grinding and pressing pit mesh chrome plating
Fixed paste roller	⊄ 146mm	Round grinding chrome
Pressure roller	⊄ 150mm	Round grinding chrome
Paper shaft	⊄ 110mm	Round grinding chrome
Preheating cylinder	⊄ 400mm	Round grinding chrome

D、Main dynamic parameters:

Name	Power	Voltage	Frequency
Rubber roller active motor	3KW*2	380V	50HZ
Glue adjustment speed reducer	200W	380V	50HZ
Roller gap adjustment motor	200W	380V	50HZ

E、Main parts brand and origin:

Serial number	Name of main parts	Brands or place of origin	Remarks
01	Glue roller and paste roller	Tiangang	45# steel
02	Preheat roller	Tiangang or Jigang	Q235B Container board
03	Bearing	NSK	
04	Bearing with seat	FuJian	
05	Pneumatic Components	AirTac	
06	Low-voltage electrical appliances	SIEMENS	Contactor, relay, button
07	Glue reducer	Taiwan city-state or Wanxin	
08	Main reducer	Taiwan city-state or Wanxin	
09	Touch screen	MCGS	10.4 inch
10	PLC and inverter	Delta	



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11	Timing belt	Germany OPTIBELT	
12	Trap	BeiJing	Float

10 SM-F Double facer

A Technical parameters:

Working width	2200mm	
Design speed	200m/min	
Economic speed	120-200mmin	
Hot plate	600mm×16 piece	
number		
Cooling section length	4 meters	
Temperature requirements	160—200℃	
Steam pressure	0.8-1.3Mpa	
Air pressure	0.5—0.6Mpa	
Pneumatic pressure plate	10 groups	
Working power	380V 50Hz 55KW	



B、Structural feature:

- ★The double-sided machine is a glued single-sided corrugated paper and facial paper laminated, heated platen heating, glue paste, stereotypes to produce flat cardboard.
- ★Surface of hot plate is dealed with grinding, hot plate width600mm, in total 16 pieces hot plate, Minister cooling stereotypes 4m. Hot plate is made adopt container board, enclosed pressure container certificate and inspection certificate. Internal thermal panels for partition isolation structure, s-shaped flow of steam, Steam, water separation function apparent, improve the using rate of steam.
- ★The hot plate adopts pneumatic pressure plate structure. The pressure plate lifting adopts pneumatic structure. 10 sets of spring pneumatic pressure plates are standard.
- ★The heat pipe of the heating plate controls the temperature in multiple sections and has a temperature display.
- ★The upper cotton webbing is automatically centered by the correcting pneumatic valve, and the double cylinder is used to control the S-shaped cotton web tensioning device. The amount of tightening is large.
- ★The lower belt adopts pneumatic tensioning mechanism, the structure is simple and practical, the left and right of the lower conveyor belt is automatically corrected and aligned, and it can also be

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adjusted manually on both sides.

- ★Gearbox drive unit using an independent structure, gear steel ZG-500 number for materials, the use of oil-immersed gear lubrication.
- ★Electrical components used internationally renowned brands, the device stable and reliable operation.
- ★ Main drive motor for the motor frequency energy, low-speed torque, wide speed range, reliable, easy maintenance.
- ★The main backbone of high intensity profiles GB, solid structure, beautiful appearance, suitable for high speed working.

C \ Main component parameters:

Craftsmanship Part name	Specification	Surface treatment
Upper drive rubber roller	⊄ 700mm	Covered with wear-resistant rubber
Lower drive rubber roller	⊄ 400mm	Covered with wear-resistant rubber
Front and rear driven belt roller	⊄ 215mm	Round grinding chrome plating polishing
Top tension roller	⊄ 155mm	Round grinding chrome plating polishing
Upper belt adjustment roller	⊄ 155mm	Round grinding chrome plating polishing

D. Main dynamic parameters:

Name	Power	Voltage	Frequency
Main drive motor	55KW	380V	50HZ

E、Main parts brand and origin:

Serial number	Name of main parts	Brands or place of origin	Remarks
01	Main skeleton	Tiangang or lai gang production profiles	NO.36channel and NO.18 I-beam
02	Drive wallboard	HeBei HanDan	Q345
03	Heat board	Tiangang or Jigang	Q235B container board made
04	Main drive motor	HeBei HengShui	55KW Frequency motor
05	Cotton webbing	ShenYang	Cotton webbing



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			thickness:9mm
06	Trap	BeiJing	Float
07	Low-voltage electrical appliances	SIEMENS	Contactor, relay, button
08	Pneumatic Components	AirTac or sono	
09	Frequency converter	Delta	
11	Bearing	NSK	
12	Bearing with seat	FuJian	

11. NCBD thin blade slitter scorer (Zero Pressure Line)

A Technical parameters:

Working width	2200mm
Design speed	250m/min
Economic speed	200-230m/min
Mechanical configuration	7 Knife 12 lines
Min cutting width	140mm
Minimum indentation distance	0mm
Cutter wheel positioning accuracy	±0.5mm
Horizontal movement of the whole machine	±100mm



B、Structural feature:

- ★The synchronous servo motor controls the row of knives and wires. Automatic reset. Precise size. Change order time is 1- 3 seconds. The two machines can be used to change orders immediately without slowing down.
- ★ PLC control system, using CANopen bus system, with order management function, equipped with a synchronous signal input interface with dryer speed.
- ★HMI with 10.4-inch color touch screen, storage 999 orders, change orders automatically or manually for a single, fault alarm.
- ★Three kinds of pressure line forms: Convex against the concave (three layers line) 、Convex against the concave (five layers line) 、Convex against Flat, Three kinds of electric pressure line

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forms can be converted. Crimping round shades by computer control, linear, and easy to bend.

- ★Using thin tungsten alloy steel knife, sharp blade, long life of more than 8 million meters. knife sharpener for computer control, automatic or manual knife sharpener, Cutting edge sharpening can be divided,improve productivity Efficiency.
- ★Imported synchronous belt transmission is adopted, and the thin blade holder and the crimping seat are supported by linear bearings, and the positioning size is accurate without accumulating errors.
- ★The cutting and crimping are driven by independent frequency conversion motors. The suction port is automatically positioned with the change order.
- ★With gas storage tank and low pressure protection function.

C Main dynamic parameters:

Name	Power	Voltage	Frequency
Row of single-pole servo motors	0.45KW	380V	50HZ
Slitting inverter motor	7.5KW	380V	50HZ
Pressure line frequency conversion motor	7.5KW	380V	50HZ
Suction outlet frequency conversion motor	0.55KW	380v	50HZ

D、Main parts brand and origin:

Serial number	Name of main parts	Brands or place of origin	Remarks
01	Frame	ShanDong JiNan	Q345
02	Rail beam	TianJin	Q345
03	PLC Programming controller	Schneider	CANopen Bus system
04	НМІ	Kinco	10.4 inch
05	Row knife servo control	Kinco	500w
06	Row line servo control	Kinco	500w
07	Line change control	Kinco	500w
08	Suction control	Kinco	500w
09	Proximity switch, photoelectric switch	Japan omron	
10	Relay	Schneider	



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11	Main frequency conversion motor	HeBei	5.5KW×2
12	Horizontal motor	Shandong Jinzhan Reducer	
13	Suction exhaust motor	ZheJiang	0.55kw
14	Solenoid valve, cylinder	AirTac	
15	Bearing	HRB or NSK	
16	Bearing with seat	ZheJiang Wuhuan	
17	Tungsten alloy blade	Sichuan Boyan	⊄ 260mm
18	Linear Guides	TaiWan	ShangYin

12 NC-20 Double layer NC cutter

A . Technical parameters:

Working width	2200mm	
Design speed	200m/min	
Economic speed	130-180m/min	
Min. cutting length	500mm	
Max. cutting length	9999mm	
Cutting accuracy	匀速为±1mm,	
Working power	380V 50Hz	
	106KW	



B、Structural feature:

- ★It can store 200 units orders, replace the cutter specifications quickly and accurately, changing orders without stop,And enables networked computers to facilitate production management.
- ★Knife shaft drive gears are precision forged steel induction hardening, backlash-free transmission, advanced keyless connection, high transmission accuracy.
- ★Cutting machine adopts inlaid front steel blade knife spiral structure, serrated knife. scissors, shears, shear force, long blade life.
- ★Around feed rollers are used the sun gear platen way, smooth delivery, pressure evenly, easy to crush plate board or cause blockage.
- ★This type of brake is energy storage type (non-energy brake), so in the process of production, the

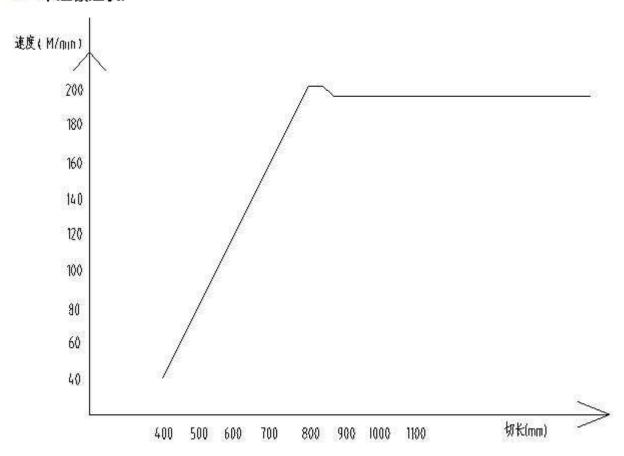
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average power consumption is 1 / 3 of that of the ordinary NC cutting machine, saving more than 70% of electricity and achieving the goal of saving money.

- ★Exact and adjustable no gap gear to ensure precise blade engagement, running balance.
- ★Independent oil pump and filter are used to distribute two sets of copper pipes in each gear position to feed oil, lubricate and cool.
- ★Knife roller: fine quality forged steel material, the balanced, with good stability.

车速极速表;



C Main dynamic parameters:

Craftsmanship Part name	Specification	Surface treatment	Special treatment
Cross cutting the upper and lower knife axis	⊄ 215mm	Conditioning	Dynamic balance
Front lower conveying roller	⊄ 155mm	Round grinding chrome plating polishing	Dynamic balance
Rear lower conveyor roller	⊄ 155mm	Round grinding chrome plating polishing	Dynamic balance
Paper shaft	⊄ 165mm	Packed with silicone	Dynamic balance
Output sun gear	⊄ 160mm	Polyurethane	Intensive

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D、Main dynamic parameters:

Name	Power Voltage		Frequency
Main drive servo motor	42.9KW	380V	50HZ
Front feed motor	2.2KW(Frequency adjustment speed)	380V	50HZ
Rear feed motor	2.2KW(Frequency adjustment speed)	380V	50HZ

E. Main parts brand and origin:

Serial number	Name of main parts	Brands or place of origin	Remarks
01	Box rack	Self-produced	HT250
02	Knife roll	Tiangang Precision Forging	42CrMo
03	Full AC servo motor	PHASE,ITALY	42.9KW
04	Paper frequency conversion motor	HeBei YongShun	
05	Flying shear servo control system	INVT	
06	Rotary encoder	Germany SIKI	
07	Timing belt	Obi, Germany OPTIBELT	
80	Tightening sleeve	XianYang ChaoYue	
09	Bearing with seat	FuJian	
10	Low-voltage electrical appliances	SIEMENS	Contactor, relay, button
11	Proximity switch	Omron Japan OMRON	
12	Frequency converter	Delta	
13	НМІ	MCGS	
14	Sun gear	ShenZhen	

13、DM-LM Automatic large gantry stacker



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Working width	2200mm	
Design speed	250m/min	
Economic speed	150-250m/min	
Maximum stacking length	3500mm	
Maximum stacking height	1700mm	
Working power	380V 50Hz 17KW	



B. Main performance characteristics:

- ★Gantry stacking.Change order time 20 seconds,automatic counting.
- ★Synchronized with the production management system, orders management, Centralized management, Do not slow down automatically for a single.
- ★Production management for a single waste is less than 700mm.
- ★The crawler stacking platform,AC servo control lifting, stacking stable、tidy.
- ★Backsplash can automatic shift, stacking for small orders;
- ★Independent sealed control cabinets, electrical equipment operating under clean environment;
- ★Color touch-screen display for easy on-site operation.
- ★Fully automatic operation control, improve efficiency and save manpower, reduce labor intensity.

C . Main dynamic parameters:

Name	Power	Voltage	Frequency
Main conveying motor	3KW*3	380V	50HZ
Suction motor	3KW	380V	50HZ
Horizontal conveyor motor	3KW	380V	50HZ
Tailgate motor	0.75KW	380V	50HZ

D、Main parts brand and origin:

Serial number	Name of main parts	Brands or place of origin	Remarks
01	Frame	Tiangang	Main frame No. 16 channel steel
02	PU Leather belt	ShangHai	
03	Frequency converter	Taiwan Delta	3.7KW



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04	Horizontal reducer	ShanDong	
05	Proximity switch	OMRON	
06	PLC	Delta	
07	НМІ	MCGS	
08	Rotary encoder	Wuxi Ruipu	
09	Contactor	Schneider	
10	Pneumatic Components	AirTAC	

DM-LM Automatic small gantry stacking machine

A、技术参数:

Working width	2200mm	
Design speed	200m/min	
Economic speed	130-200m/min	
Maximum stacking length	3500mm	
Maximum stacking height	250mm	
Working power	380V 50Hz 17KW	



B. Main performance characteristics:

- ★Servo-driven platform lifts, four-stage variable-frequency conveying, automatic point stacking discharge, imported high-strength belt output, and a standard conveyor frame on the paper side.
- ★Gantry stacking Changing single time is 5seconds, automatic counting, automatic cross out automatically for a single.
- ★Synchronized with the production management system, order management, Centralized management, do not slow down automatically for a single.
- ★Production management for a single waste less than 700mm.
- ★Crawler stacking platform, AC servo control movements, Stacking smooth, neat.
- ★When stacking reaches a set number of automatic frequency control smooth laterally out of paper.
- ★Tailgate AC servo control positioning for a single automatic, rapid, precise adjustment.
- ★Tailgate automatically shift for small orders stacking.
- ★Delivery side of the standard electric transport planes, and duplex trolley.
- ★Independent sealed control cabinets, electrical equipment operating under clean environment.
- ★Color touch-screen display for easy on-site operation.
- ★Fully automatic operation control, improve efficiency and save manpower, reduce labor intensity.

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D、Main dynamic parameters:

Name	Power	Voltage	Frequency
Main conveying motor	2.2KW	380V	50HZ
Suction motor	3KW	380V	50HZ
Lateral conveying motor	1.53KW	380V	50HZ
Tailgate motor	1.1KW	380V	50HZ
Gantry lift motor	3.7KW	380V	50HZ

D、Main parts brand and origin:

Serial number	Name of main parts	Brands or place of origin	Remarks
01	Frame	Tiangang	Main frame No. 16 channel steel
02	PU Leather belt	ShangHai	
03	Frequency converter	Taiwan Delta	3.7KW
04	Horizontal reducer	ShanDong	
05	Proximity switch	OMRON	
06	PLC	Delta	
07	НМІ	KunLunTongTai	
08	Rotary encoder	Wuxi Ruipu	
09	Contactor	Schneider	
10	Pneumatic Components	AirTAC	

14. Glue station system

Water source	5-6kgf/m2
pressure	
Compressed air	4-7 kgf/m2。
pressure	3.
Maximum	
compressed air	105m3/h
consumption	
Viscosity	Change within ±2s
Pasting temperature	Change within ±1℃





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Time to make glue		30min	
Maximum production volume		1650kg	
Minimum production volume		750kg	
Working power	380V	50Hz	32KW

B. Main performance characteristics:

- ★The system does not need to use stabilizer when making paste, and the paste liquid has strong penetrating power and the paste liquid is stable.
- ★The operation of the entire system is controlled by the setting of the program, and the software of the control system is designed and developed by the company according to the actual needs of each carton factory, and the operation is stable and reliable.
- ★The addition of all materials is set by the program and controlled by the PLC, and the measurement is accurate.
- ★The system is equipped with a temperature sensor and a temperature display to control the glue temperature to ensure that starch molecules are more soluble in water, and at the same time to prevent the quality of the glue from being affected by the ambient temperature and causing large changes.
- ★This equipment is equipped with an automatic tank washing program. After the glue is delivered, the tank body is automatically cleaned.
- ★The liquid level sensor of each glue point storage tank is used to monitor the liquid level. When the liquid level is low, the PLC automatically selects the formula and prepares the paste according to different glue points.
- ★The cutting and stirring time are controlled by PLC through program setting.
- ★After alkalizing into liquid alkali, the tablets are stored in the alkali storage tank; the level of the alkali transfer tank is controlled by PLC. When the set low limit is reached, it is automatically refilled from the alkali storage tank through the pump.
- ★When the material level of the starch storage tank drops to the material level sensor, the system automatically alarms to prompt the addition of materials and vibrates the addition of materials.
- ★The glue feeding is automatically sent to the glue storage tank through the pneumatic diaphragm pump, which is controlled by the PLC.

15 Steam system

1	Steam consumption	About 1.2T/h
2	Equipped with heat source	2t/h
3	Steam pressure	1.25Mpa
4	Maximum temperature in the pipeline	170—200℃

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B. Maximum temperature in the pipeline:

- ★It supplies heating energy for the thermal equipment of the production line to keep the working temperature stable.
- ★Each unit is designed as an independent small unit steam supply system, saving energy and easy adjustment.
- ★Each group of hydrophobic units is equipped with an empty bypass, which cools the equipment quickly when the production is stopped.
- ★Floating ball trap, with emptying device, stainless steel check valve, to prevent leakage.
- ★The metal hose is used for flexible connection between the piping system and the rotating heating components, so as to prolong the service life of the rotating joint.
- ★All steam pipes in the machine are made of seamless steel pipes to ensure the safety of use under normal pressure.



C. Main parts brand and origin:

Serial number	Name of main parts	Brands or place of origin	Remarks
01	Rotary joint, metal hose	Quanzhou Yujie	
02	Trap	BeiJing	Float
03	Globe valve, ball valve	YuanDa China	
04	Check valve	Zhengzhou Yuming	
05			

16. Production management system

- -. Production management system configuration
- 1. Cross-cutting machine configuration

	Configuration and specification	QTY	NOTE
	operation station	1	
Morle	High performance cooling fans	2	
Work	Alarm chy-tech	1	
station	button(APT brand/Siemens and ergong joint venture)	6	
	Intel Celeron M CPU	1	
	Kingston 1Gmemory	1	
computer	Taiwan original embedded industrial motherboard(Integrated graphics CARDS,	1	



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	network CARDS)		
	Taiwan original industrial chassis	1	
	Industrial-grade hard disk(7 X 24hours work)	1	
	Philips 19 inch LCD monitor	1	
	MICROSETP The keyboard/mouse	1	
	Uninterruptible power supply (APC, USA)	1	Provide a stable power supply
	D_link network switch	1	
	Windows Server 2003operation system	1	
	Germany's Siemens PLC	1	Core computing components, stable and durable high precision
Main	Germany's Siemens PLC extension module	2	Used for data communication with crosscutting systems
control	Switching power supply (Taiwan Meanwell)		
board	Double air switch (chint)	1	
	Kang DE converter	1	
	Group relay omron (Japan)	2	
	Isolation transformer	1	
The	Proximity switch omron (Japan)	2	
sensor type	Magic eye (Japan OPTEX)		Cross-cutting knife cut paper detection

1、Gluing machine, paste machine) configuration

	Configuration and specification	QTY	NOTE
	Work station	1	
	High performance cooling fans	2	
	Alarm chy-tech	1	
Work station	button(APT brand/Siemens and ergong joint venture)	4	
	speed resting change paper meters display board70X130CM	1	8 inches large digital display, can clearly show the speed, change the paper a few meters
	Intel Celeron M CPU	1	
	Kingston 1Gmemory	1	
	Taiwan original embedded industrial motherboard(Integrated graphics CARDS, network CARDS)	1	
computer	Taiwan original industrial chassis	1	
	Solid state electronic hard drive(7 X 24hour work)	1	
	Philips 19 inch LCD monitor	1	
	Samsung keyboard	1	
	Windows Embedded operation system	1set	



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	Germany's Siemens PLC	1	Core computing components, stable and durable high precision
Main control	Switching power supply (Taiwan Meanwell)	1	
board	Double air switch (chint)	1	
	Kang DE converter	1	
	Relay Group (Omron)	2	
Sensor category	Proximity switch omron (Japan)	1	

3. Single facer configuration(B, C, E each machine has the following configuration of 3 sets)

	Configuration and specification	QTY	NOTE
	Work station	1	
Monte	High performance cooling fans	2	
Work	Alarm chy-tech	1	
station	button(APT brand/Siemens and ergong joint venture)	8	
	Intel Celeron M CPU	1	
	Kingston 1Gmemory	1	
	Taiwan original embedded industrial motherboard (integrated graphics CARDS, network CARDS)	1	
computer	Taiwan original industrial chassis	1	
	Solid state electronic hard drive (7 X 24 hours)	1	
	Philips 19 inch LCD monitor	1	
	Samsung keyboard	1	
	Windows Embedded operation system	1	
Main	Germany's SiemensPLC	1	Core computing components, stable and durable high precision
Main control board	Switching power supply (Taiwan meanwell)	1	
	Double air switch (chint)	1	
	Kang DE converter	1	
	Relay group (Japan omron))	3	
	Proximity switch omron (Japan)	2	
	Magic eye (Taiwan yangming)	2	
sensor type	Magic eye panasonic (Japan)	1	
	Inkjet device	1	

4. Other configuration

Configuration and specification	QTY	NOTE
Tianzheng Voltage regulator	1	
Network line	1	
3 core line	1	



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5 core line 1

=. Production management system function

1、cutter machine function

NO.	function	instruction	
1	The order entry, modify, delete		
2	Order management combination lock	Lock orders, prevent workshop personnel changes orders	
	Production line for		
2	real-time condition	Display speed, production performance,and orders	
	monitoring		
		Display the total length. Square. Poor rate. average	
		Speed.produce time.stop time.Downtime. Did not produce	
3	The production situation	the number of sheets. Did not produce a few meters and so	
		on of that day on duty.	
		Display the total length. Square. Poor rate. Average speed.	
	production situation shows	Produce time. Stop time. Downtime. Did not produce the	
4	that	number of sheets. Did not produce a few meters and so on of	
		this order.	
5	Order to browse	Browsing can be produced in advance orders	
6	Good plus, subtraction	For Good addend, subtrahend	
7	Defective products plus,	For poor addend, subtrahend	
8	Good, bad for the count	Good or bad record number set number of items	
9	Advance XX Zhang Completion alarm	You can set the alarm before the order is completed XX meters, prompting the operator to prepare in advance for a single preparation	
10	With cutter computer connect line	Party A required to provide the communication interface	
11	With slitter connect line	Party A required to provide the communication interface	
12	With stacking connect line	Party A required to provide the communication interface	
13	With cutting machine connect line	Party A required to provide the communication interface	
14	Automatic . Manual for a single	When an order can be completed production set whether to write automated production orders	
15	Team setting	Team conducted between team setting shifts	



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16	Pause for a single	When completed this order does not automatically replace write orders
17	Force for a single	The production order is not completed, write orders for the production of artificial force
18	Front pen	Specify reproduction has produced the order specifications
19	Buckle stock With inventory number should be deducted the amount of production	
20	Check a single	In the workshop has produced orders inquiry
21	Print labels	Online Print Production label (required customers to configure the computer to print)
22	Unfinished orders in meters summary	Orders can significantly wide number of queries have not produced a summary of the total rice
23	Hot plate speed control	Before and after the produce management automatic control hot platen speed

2. Gluing machine (paste machine) function

ZY Clairing	machine (paste machine) idilotion
NO.	function	instruction
1	Production line Immediate case monitoring	Display speed, production performance, and orders
2	The production situation	Display the total length. Square. Poor rate. average Speed.produce time.stop time.Downtime. Did not produce the number of sheets. Did not produce a few meters and so on of that day on duty.
3	production situation shows that	Display the total length. Square. Poor rate. Average speed. Produce time. Stop time. Downtime. Did not produce the number of sheets. Did not produce a few meters and so on of this order.
4	Order to browse	Browsing can be produced in advance orders
6	Change paper remaining length tips	Immediate online display paste the car to change paper length
7	Production preparation display	The display will be produced later in the order situation for Paper
8	Available online and automatic splicer	
9	Speed control	Depending on the performance of cross-system, set a maximum speed of different lengths of cardboard
10	XX meters before changing paper Alert	You can set the alarm before the order is completed XX meters, prompting the operator to make change paper prepared in advance
11	Next flute tips	Tip flute next production
12	Automatic speed control	When change paper, automatic control double facer speed automatic control double facer speed according to flyover



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stacking paper quantity

3、single facer function (B、C、E each machine has the following features)

NO.	function	instruction
1	Production line immediately situation Monitoring	Display speed, production performance, and orders
		Display the total length. Square. Poor rate. average
2	The production	Speed.produce time.stop time.Downtime. Did not produce the
	situation	number of sheets. Did not produce a few meters and so on of that
		day on duty.
	production situation	Display the total length. Square. Poor rate. Average speed.
3	shows that	Produce time. Stop time. Downtime. Did not produce the number
	Shows that	of sheets. Did not produce a few meters and so on of this order.
4	Orders Browse	Browsing can be produced in advance orders
6	Change paper remaining length tips	Immediate online display paste the car to change paper length
7	Production preparation display	The display will be produced later in the order situation for Paper
8	Connect with automatic splicer	
9	XX meters before changing paper Alert	You can set the alarm before the order is completed XX meters, prompting the operator to make change paper prepared in advance
10	Flyover paper product calculation	Automatic calculation of the length of the bridge stacker, precision control within 2 meters
11	Automatic correction	Can be set to change paper xxx meters before the system automatically corrected once to ensure the accuracy of the calculation of the amount of paper piled overpass
12	Speed synchronous	Produce management automatic, you can set the machine speed and the duplex synchronous machine speed
13	Flyover stacking	In the case of synchronous speed can be set flyover pile of paper
	quantity control	kept within a reasonable range
14	Change paper deceleration	When you want to replace the paper, the system immediately to reduce speed to facilitate the exchange of paper
15	Automatic speed control	Automatic double fcer machine speed control when changing paper, according to the amount of the automatic control of the bridge stacker single machine speed

4Office functions

NO.	function	instruction
1	Order scheduling	In the office of the production line for production orders arrangements



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2	Production line immediately situation monitoring	Each office computer can monitor the speed, production performance, production schedule orders, etc.
3	Estimated completion time of orders	Automatic estimate completion time for each order
4	Pit machine production reports	Print each order completed cases (yield, number of defective products, completion time, etc.)
5	Pit machine production efficiency analysis	Analysis of the production line loss, average speed, production time, downtime, etc.
6	Monthly statistical reports of paperboard production	Monthly analysis of daily production line output, boot time, down time, average speed, etc.
7	Completion of automatic data collection (accurate, detailed records of the production of good quality and bad products)	
8	Forklift preparation single	
9	Order Tracking	
10	ERP System interface connections	

Note: The pictures provided in this document are for reference only. Party B reserves the right to change the appearance without changing the technical performance.