



TIN No. : 06501222753

AN ISO 9001 : 2000 CERTIFIED CO.

NATRAJ CORRUGATING MACHINERY CO.

Mfrs., Exporters & Importers of : '*NAGPAL Super NATARAJA*'
Paper Corrugated Board & Box Making M/c and All types of Imported Machines
ph:0091-9810275497,add:plot no:21-23,mithrol,palwal.121105
email:rishi_nagpal@yahoo.com



5 LAYER AUTOMATIC CORRUGATED BOARD PRODUCTION LINE

NATRAJ CORRUGATING MACHINERY CO , Palwal, Haryana (INDIA) Holding expertise in delivering a wide range of corrugating machinery. Established at Faridabad, Haryana in the year of 1970. our business operations are being led by Mr. O. B. Nagpal son of Late “Shri Madan Lal Nagpal” (Founder of Natraja brand”) and Grandsons Mr.Rishi Nagpal And Mrs Changxiu Yang . Natraj is a professional factory engaged in the production of complete set of carton machines and equipments The factory has a large number of technicians and professional mechanics who have been engaged in carton machine research and development,production and manufacture,marketing and after-sales service for many years.The factory has full and complete products and diversified varieties,and professionally produces and deals in 3ply,5ply,7 ply Fully automatic paper corrugating board making machinery , all-computer control high-speed fully automatic printing and slotting (die-cutting) machines,fully automatic ,semi-automatic and common type single-color,2-color,3-color and 4-color printing slotting (die-cutting) machines, fully automatic(air suction type),semi-automatic(chain type)and common type rotary slotting machines, fully automatic (air suction type)and common type round pressing round die-cutting machines, thin blade paper separating and Thin edge slitter, semi-automatic carton bonding machines, cylindrical Rotary slotting ,creasing, cutting machine ,Quadruple grooving & corner cutting machine temperature-controlled corrugating machines, gluing machines , paper separating machines ,Thin edge slitter, Fully Automatic carton folder gluer ,Automatic Flute laminator ,Automatic Flat bed die cutting and creasing machine ,ete The factory has become one of the manufacturing enterprises with the most complete product series and bestquality and after-sales service in the domestic industry. complete consultation we provide in setting up carton industry according to requirement and



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RNN-100-1600- technical instruction

production capacity .Mr Rishi nagpal has been awarded with many prestigious awards for development of new machinery and bringing new ideas for improvement.

**RNN100-1600- type five layer corrugated roller
cardboard production line
Device configuration and technical instruction**



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RNN-100-1600- technical instruction



Has passed the ISO: 9001-2000 Quality Management System Certification
Innovative Packaging Technology □ Class brand

Name of machine □ five layer corrugated paperboard production line

specificati on	Equipment name	UNI T	QTY	Unit price □ T en thousand yuan □	Remark
ZJ-F	Shaftless mill roll	a	5	3.6	Toothed chuck □ manual butterfly disc brake,mechanically driven lift □ left and right

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RNN-100-1600- technical instruction

	stand				translation,for medium□
	Paper trolley	a	10		Rail length4510mm □ trolley adopt 10mm medium plate welding□
RNN-1-600	Facial tissue preheater	a	2	2.3	roller □ 600mm □ including certificate of pressure vessel □ Electromotion adjustment angle □ It can adjust the paper preheat area in the range of 360°□
RnnG-1-600	Core paper preheater	a	2	2.3	roller □ 600mm □ including certificate of pressure vessal. Electromotion adjustment angle. It can adjust the paper preheat ares in the range of 360°□
SF-280S	Corrugated roller	a	2	13.6	Corrugated main roller □ 280mm □ material 48CrMo alloy steel □ Adopt independent gearbox, univeral joint transmission structure□
RnnG-3-600	Triple preheater	a	1	6.9	roller □ 600mm □ including the certificate of preesure vessal.electromotion adjustment angle.it can adjust the paper preheat areas in the range of 360°□
RNN-C	Double glue machine	a	1	11	Diameter of glue roller□269mm□carved 25 line pit type checker□Frequency independent motor drive, PL Ccontrol □ Electromotion adjustment of the amount of glue , glue quantity of digital display□
DF	Conveyor bridge	set	1	16	Adsorption of tension□electromotion partial□
SM-C	Double facer	set	1	53	14 pieces heating plate in a dryer section,electric lifting the pressure roller,adopt the platen.gear transmisson parts.oil lubrication□
ZQS	Thin knife slitting	set	1	6.5	Electric thin knife electric partial,Electric adjustment of clearance□five knives eight lines,the blade made of tungsten alloy steel□
NC-120	NC cutter helical knives	a	1	20	Full ac servo control spiral blade structure □ Germany Bryant servo motor drive controller □ Taiwan Eview yield 10.4 inches color touch screen display□
DMT-120	Paper sheet delivery and side conveyer	a	1	5	electric adjusted board size □ pneumatic control transverse output board.
ZJZ	Glue station system	set	1	4	Customers -owned pipeline □ Glue configuration is composed by carrier tank □ main tank □ storage tank□and send plastic pump□back plastic pump□



RNN-100-1600- technical instruction

QU	Gas source system	a	1		Including 0.6m ³ gas tank 1 unit <input type="checkbox"/> Air pump <input type="checkbox"/> pipeline is prepared by the customers.
ZQ	Steam syetem	set	1	4	Steam system components used in all GB valves <input type="checkbox"/> Including rotaty joint,upper and lower dispenser <input type="checkbox"/> traps <input type="checkbox"/> pressure tableand so on <input type="checkbox"/> Customer-owned boilers and pipes.
DQ	Electrical control cabinet system	set	1		Electronic control system <input type="checkbox"/> The entire line speed mechanism adopts electromagnetic speed motor <input type="checkbox"/> Cabinet surface paint electrostatic spray <input type="checkbox"/> Wearable and beautiful.The main contactor relays using major brands.

main technical parameters and requirments in production line

type:RNN100-1600- type five layer corrugated paperboard production line:

- 1 The maximum production width of the corrugated cardboard 1600mm
- 2 Disign speed 100m/min
- 3 Economic speed 60-80m/min
 note Production line speed test paper should meet the following requirements the surface temperature of the equipment is not less than 172
- P aper rating of not less than B grade P aper moisture content of about 11%±2%
 f a c i a l t i s s u e 100—250g/m² c o r e p a p e r 100--250g/m²
 c o r r u g a t e d p a p e r 100—200g/m²
- 4 Flute-type combination A C B E as customers' requirement
- 5 Steam the necessary requirments
 a m o u n t o f s t e a m 2500—3000Kg/Hr t h e h i g h e s t p r e s s u r e 1.2Mpa
 c o m m o m p r e s s u r e 0.8-1.1Mpa
- 6 power supply 380V 50Hz Three-phase four-wire system
- 7 equipment installed total power about 150KW The actual power consumption about 80KW(full speed)
- 8 equipment covers about 60m×10m×5m Specific length of foundation Figure prevail
- 9 Equipment out of paper orientation According to the user to determine the transmission plant set left or right position
- 10 Equipment applicability Available in A, B, C class domestic or imported paper Paper



RNN-100-1600- technical instruction

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 supply wires connected to the operation panel and line pipe
- 4 water sources water pipelines buckets and so on
- 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

Z J-Fshaftless mill roll stand

Structural features

Symmetrical structure can also install two bundles of paper at the same time Paper can be used for non-stop for a job Adopts mechanical drive to complete the paper clamping, lifting, loosen, move on, around translational motion, etc.

each shaftless mill roll stand is equipped with two pieces of paper guide, two set of paper car paper guide the use of channel 14 and the guide post weld paper car adopt 10mmwelded stell the length of track is 4510mm

manual discs brake add screw following

electric elements centralized control the electric elements toothed chuck



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RNN-100-1600- technical instruction



technical parameters

- 1 Backstands action mode mechanical electric operation
- 2 the range of paper jams maximum 1600mm minimum 600mm
- 3 the diameter of paper jams maximum 1400mm minimum 400mm
- 4 Unilateral maximum load maximum 2000Kg
- 5 Powered motor parameters
 - ① Paper jams motor 550W×4set 380V 50HZ short S2 working standard
 - ② lift motor 1.5KW 380V 50HZ short S2 working standard

Mainly purchased parts, raw materials and origin

Name of main parts	Brands or place of origin	material
motor	Hebei Hengshui	
reducer	Shandong Dezhou Jin bu huan	
contactor	Zhengtai or De li xi	
chuck	Xusheng	3 inches, 4 inches shared
wallboard	Production own	HT200

paper trolley guide

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Structural features

push the roller in place

track whole buried, The main frame of the 14th channel with ϕ 20mm cold drawn round welding the track length 4510mm

Each paper with two stage paper trolley, and the paper from the two sides at the same time

main purchased components materials and place of origin

Name of main parts	Brands or place of origin	Material and type
Track and paper trolley	Tanggung or Jigang	Numer 14 channel steel Q235A strip
bearing	Ha Wa Luo	

R G - 1-600 tissue core paper preheater

Structural features

pressure roller adopt dishing seal or plat design In accordance with national standard category pressure vessel and with the pressure vessel certificate

The roll surface after precision grinding, fine grinding and hard chromium plating processing surface friction, durable

electromotion adjustable angle angle can rotate in the range of 360°, and adjust the paper preheat area

adopt two-stage reducer to adjust angle has self-locking function



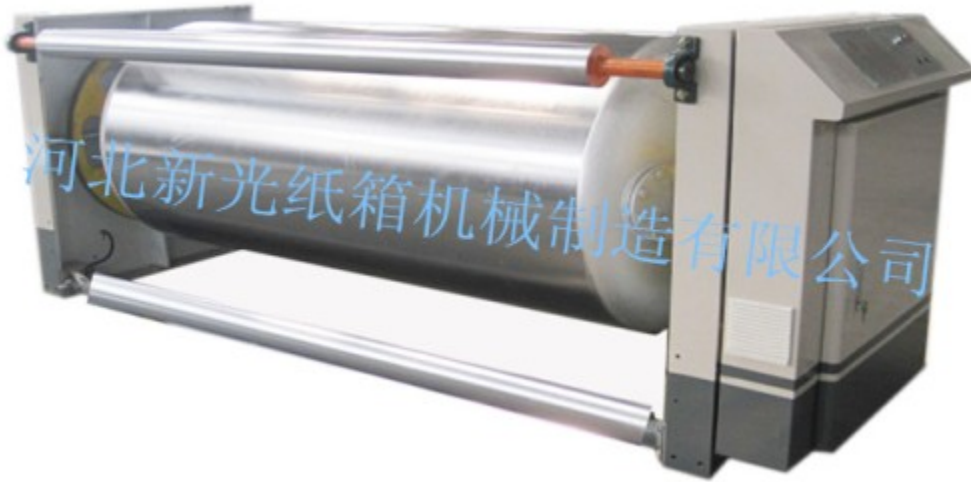
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RNN-100-1600- technical instruction



technical parameters

- 1 effective width 1600mm
- 2 diameter of the preheat roller 600mm angle adjustable range 360° rotation
Diameter of the angle 85mm×2
- 3 steam temperature 150-200 steam pressure 0.8-1.3Mpa
- 4 work pressure 380V 50Hz
- 5 motor power 250W short S2 work system

main purchased parts materials and place of origin

Name of main parts	Brands or place of origin	Material and type
Steam rotary joint	Shandong tengzhou Lu guan qiu	
preheater	Hangang or Jigang	Q235B Pressure Vessel Plates
bearing	Ha Wa Luo	
Seat belt bearing	Zhengjiang five rings	
reducer	Shandong, De zhou, Jin bu huan	
relays	France Schneider	

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RNN-100-1600- technical instruction

Angle axis		GB seamless steel pipe □85
traps	Beijing	Inverted bucket

S F - 280S fingerless type single facer

Structural features □

Adopt vacuum suction structure, with high pressure strong blower. Suction with silencer. Gas supply and electrical control cabinet to focus on the same operation cabinet □ not less than 1.5 meters away from the host □ Fully enclosed full operation side □

base and wallboard cast iron wall □ Wallboard thickness 130mm □ universal Joints □

corrugated roller material adopt 48CrMo alloy steel □ quenched □ Laser hardening □ Surface finish □ main roll of corrugated diameter ϕ 280mm □ surface hardness HRC60 degree above □ The key parts of the tile and pressure roller bearings Wafangdian produce high temperature bearings.

pressure roller ϕ 284mm, surface grinding and chrome-plated □ cylinder control and remove up and down, 45 carbon steel materials, quenching (with cushioning devices) □

pneumatic control glue to glue back, glue roller diameter □ 215mm, Engraved polished surface after a 25-line pit style textured machined chrome plated □ after scraping the roller surface polished hard chrome plated.

Corrugated roller, pressure roller materials provided by the Central Plains Steel □ High on corrugating unilateral 0.15mm, 0.075mm high pressure roller unilateral. Plus stopper. ϕ 160mm cylinder with compression cylinder.

preheat roll adopt seamless steel pipe production by tiangan ϕ 300mm □ connecting with metal Hose □



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RNN-100-1600- technical instruction



regular technical parameters

- 1 effective width 1600mm
- 2 operation direction left or right determined in accordance with customer plant
- 3 design speed 100m/min
- 4 temperature range 160—200
- 5 gas source 0.4—0.9Mpa
- 6 steam pressure 0.8—1.3Mpa
- 7 corrugated flute UVtype or UVVtype

roller diameters parameters

- 1 diameter of corrugated roller 280mm
- 2 diameter of pressure roller 284mm
- 3 diameter of glue roller 215mm
- 4 diameter of preheatroller 320mm

powered motor parameters

- 1 main drive motor 7.5KW rated voltage 380V 50Hz Continuous (S1) working standard
- 2 suction motor: 7.5KW rated voltage 380V 50Hz Continuous (S1) working standard

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main purchased parts □ materials and place of origin □

Name of main parts	Brands or place of origin	Material and type
Wall and Pedestals	Production own	HT200
Transmission case	Hebei	QT200
Rotary joints and metal hoses	Shan dong teng zhou luguanqiu	
Main drive motor	Hebei Hengshui	7.5KW speed motor
bearing	Ha □ Wa □ Ge or Zhengjiang direction	
Seat belt bearing	Zhengjiang five rings	
High pressure air cylinder	Shanghai Yingfa	
Solenoid valve	Zhengjiang Sanzheng	
contactor	Zhejiang Sanzheng	
	France Schneider	

D F conveyer bridge

structural features □

This part is the main beam of the 20th channel, 16-beam, angle iron 63, column, etc. are connected.

Both sides of the security fence, ladder (with 8 small channel production), high-strength save people the word pedals, ensure the safety of personnel and easy to operate.

Pull the paper shaft surface tension axis, feeding shaft by grinding hard chrome plated. Vacuum tension control, 5-inch suction tube, plus regulating valves, air flow can be infinitely adjustable.

Dual front bezel correction guide column positioning, screw driver, fast and accurate positioning, walking steadily.



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roller diameters parameters

- 1 Paper roll and a tension roller diameter: 130mm diameter of conveyer roller 1100mm
- 2 Active tension roller diameter 85mm diameter of over rollers and guide rollers 111mm
- 3 Paper towing shaft diameter 110mm

Motor and electrical parameters

- 1 corrugated single paper lift motor 2.2KW 380V 50Hz continuous S1 work system
- 2 The bridge adsorption motor 2.2KW 380V 50Hz continuous S1 work system
- 3 Wide motor tune cardboard 250W 380V 50Hz short S2 work system

Note: All the roller surface after grinding and hard chrome plating.

main purchased parts materials and place of origin

Name of main parts	Brands or place of origin	material
The bridge main skeleton	Tiangang or tanggang	NO20channel iron NO18beam NO12channel

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		iron □ NO63angle □ 60*80squal steel and so on connected □
guardrail	tiangang	□42mmLow pressure fluid pipe
Paper lifting belt	Shanghai	PVCconveyor
Cardboard conveyor	Hebei	Parallel transport rubber band
Adsorption inverter fan	Shanghai yingfa motor factory	
inverter	Taiwan delta	
bearing	HRB,ZWZ,LYC	
Seat belt bearing	Zhejiang wuhuan	
Paper width adjustment gear	Shangdong jinbuhuan reducer	
Paper motor □ frenquency □	Hebei hengshui yongshun motor	
Conveying rollers and the rollers, the paper roll	Tiangang Seamless steel pipe	
contactor	France Schneider	
button	Zhengtai NP2series	
Name of main parts	Brands or place of origin	Material and type

R G -3-600triple preheater

Structural features □

preheat roller accord with the national standard of the pressure vessal □ and enclosed the pressure container certificate and inspection certificate □

Each roller surface after grinding precision grinding and dealing with hard chrome plating, Surface friction is small, durable □

electromotion adjustable angle, it can rotated adjust the paper preheat area in the range of 360° □



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technical parameters

- 1 diameter of preheat roller 600mm range of angle adjustment 360° rotation diameter of wrap angle axis 85mm
- 2 steam temperature 150-200 steam pressure 0.8-1.3Mpa
- 3 motor power 250W short S2 working system 380V 50Hz

Mainly purchased parts, raw materials and origin

Name of main parts	Brands or place of origin	material
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RNN-100-1600- technical instruction

Steam rotation joint	Fujian quanzhou yujie	
preheater	Hangang or jigang	Q235B pressure containerboard
bearing	HRB,ZWZ,LYC	
Seat belt bearing	Zhejiang wuhuan bearing	
reducer	Shandong dezhou jinbuhuan	
contactor	France Schneider	
Angle axis		GB seamless steel pipe □110
traps	Beijing	

G M-C double glue machine

Structural features □

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

glue roller turns is controlled by the frequency motor □ by inverter control ensures glue roller line speed synchronous machine with double machine □ they can operate independently □

electromotion adjustment display the glue amount □ Automatic cycle for glue, glue avoid sedimentation, viscosity stability □

Pneumatic structure platen gap by electric tuning □ On the next floor are made independent variable frequency motor drive □

take the speed signal of the double facer,so as to synchronous operation with it. Man-machine interface display, easy operation

amount of glue automatic adjustment control □ amount of glue automatic adjustment with the produce speed, in automatic mode, you can also get in manual tuning.



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regular technical parameters

- 1 effective width 1600mm 2 operation direction left or right Determined in accordance with the customer's facility)
- 3 highest design speed 150m/min 4 air source system 0.4—0.9Mpa
- 5 temperature range of the preheater 150—200 6 steam pressure 1.12—1.3Mpa
- 7 equioment size L_{mx}3.3*W_{mx}1.4*H_{mx}2.7 8 single weight MAX40000Kg

Roller diameter parameters

- 1 glue roller 269mm Fixed paste roller 140mm
- 2 bottom preheat roller 402mm up preheat roller 374mm the paper roller 110mm

Power motors and electrical parameters

- 1 glue roller initiative frequency motor 3KW 380V 50Hz Continuous (S1) working standard
- 2 glue amount adjustment reducer 250W 380V 50Hz short S2 working system
- 3 pressure roller gap adjustment motor 250W 380V 50Hz short S2 working system

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4□glue pump motor□ 2.2KW 380V 50Hz Continuous □S1□working system

Mainly purchased parts, raw materials and origin□

Name of main parts	Brands or place of origin	material
Glue roller and Fixed paste roller	Tiangang	45Quenching steel
Preheat roller	Tiangang or jigang	Q235B container board
bearing	HRB,ZWZ,LYC	
Sear belt bearing	Zhejiang wuhuan	
Pneumatic elements	Zhejiang sonorCSM	
contactors	France Schneider	
Air switch	France Schneider	
button	zhengtai	
Adjust glue reducer	Taiwan chengbang	
Main reducer	Tanwan chengbang	
Touch screen	Taiwan WEINVIEW or MCGS	
PLCand franquency machine	Taiwan delta	
belt	German OPTIBELT	
traps	Beijing	
Lose glue dispensing pumps	Hebei botou	

S M-F type double facer**Structural features□**

Heating plate surface by grinding treatment □ hot plate width600mm □ a total of 14 pieces heating plate.

Preheat board is made of contactor board, in accordance with the national standrads of pressure container, enclosed the pressure container certificate and inspection certificate.

hot plate adopts touch plate design structure.Plate movements using pneumatic spring-type structure□



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On both sides about conveyor belt deviation adjustment adopts automatic adjustment □ 2 sets of the conveyor belt tensioning system □ one set is manual □ fine tuning □ □ the other is pneumatic adjustment □ high speed □ □

Thermal pipe heating plate temperature control points seven sections with temperature display □
up cotton belt with double cylinder S cotton belt tensioning device □

bottom cotton belt with s-shaped correction manually tensioning mechanism, structure simple and practical □ under with manual fine-tuning □

Drive roller coated with attached wear-resistant rubber □ showed a herringbone structure □ With a high, ensure smooth cardboard output □

Main drive motor for frequency conversion motor □ low-speed torque □ wide speed range ,reliable, and easy maintenance.

hot plate internal for partition isolation structure,s-shaped flow of steam □ Steam, water separation function significantly improves the utilization of steam □



regular technical parameters □

1 □ temperature requirment □ 160—200 steam pressure □ 0.8-1.3Mpa 2 □ air source pressure □ 0.6—0.9Mpa

3 □ Cooling stereotypes length □ 4m Heating plate quantity □ 14 pieces

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RNN-100-1600- technical instruction**roller diameter parameters**

- 1 up drive rubber roller diameter 700mm 400mm bottom drive rubber roller diameter 700mm 400mm Wear rubber Outsourcing
- 2 Former follower with roller diameter 270mm 215mm After setting belt driven roller diameter 270mm 215mm
- 3 Pressure belt roller diameter 70mm Shaping roller diameter 86mm
- 4 The belt tension roller diameter 130mm The roll diameter with detuning 124mm
- 5 Under the belt tension roller diameter 130mm Entrusted with the roll diameter under the belt 130mm

Note: All the roller surface after grinding are hard chrome plated

Power motors and electrical parameters

- 1 Main drive motor power 30KW 380V 50Hz Continuous (S1) working standard
- 2 Hydraulic station motor power 2.2KW 380V 50Hz Continuous (S1) working standard

Mainly purchased parts, raw materials and origin

Name of main parts	Brands or place of origin	Material and type
Main skeleton	Tiangang or laigang	NO36Channel steel and NO16Beam
Heating plate	Tiangang or jigang	Q235BContainer board production
Main drive motor	Hebei hengshui	30KWfrequency motor
Cotton belt	Shenyang	Thick cotton webbing10mm
traps	Beijing	Inverted bucket
contactor	France Schneider	
Hydraulic station	Hebei	
bearing	HRB,ZWZ,LYC	
Drive wallboard	Hebei	Gray cast ironHT250
Pneumatic elements	Zhejiang sonorCSM	
Photoelectric switch	Korea Autonics	
Seat belt bearing	Zhejiang wuhuan	

Z QS thin knife slitting



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structural feature □

Overcome the conventional type of pole, cutting pressure lines appear when collapsed cardboard cut phenomenon, cutting board smooth, quality has improved significantly □

the whole machine can remove left and right,cycloid reducer to adjust □

Cutter and easy to adjust the pressure line, the error $\pm 0.5\text{mm}$, automatic sharpening device, you can achieve timing Brothers, with intermittent Brothers and other features.

the machine adopt five knives eight lines,the blade is made of tungsten alloy steel, the using life is not less than 3 million running meters □



NC-120 NC cutter helical knives

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RNN-100-1600- technical instruction

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 model is the braking energy storage (non-dynamic braking), so the energy consumption in the production process, the average electricity consumption is 1/3 of an ordinary NC cutting machine, saving more than 70% power to reach the goal of saving money .

Precision adjustable no gap gear to ensure precise blade engagement, running balance □

Using an independent oil pump and filter with two copper distribution in each gear position oil, lubrication and cooling □

Knife roller: fine quality forged steel material, the balanced, with good stability.



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regular technical parameters

- 1 Minimum cutting length 500mm 2 Maximum cutting length 9999mm
3 Cutter accuracy: Uniform for ± 1 mm, non-uniform to ± 2 mm

Roller diameter parameters

- 1 Cross on the knife shaft center distance 216mm 2 Before the lower conveying roller diameter 156mm
3 After the lower conveying roller diameter 156mm 4 The front of the platen roller diameter 70mm
5 The front of the platen roller diameter 70mm

Note: After all have been grinding rollers, hard chrome plated at (on except under the knife shaft) dealing

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RNN-100-1600- technical instruction**Power motors and electrical parameters**

- 1 main drive motor power 12.5KW Full AC synchronous servo
 2 Before feeding motor power 3KW Frequency Control
 3 Oil pump motor power 0.25KW

Mainly purchased parts, raw materials and origin

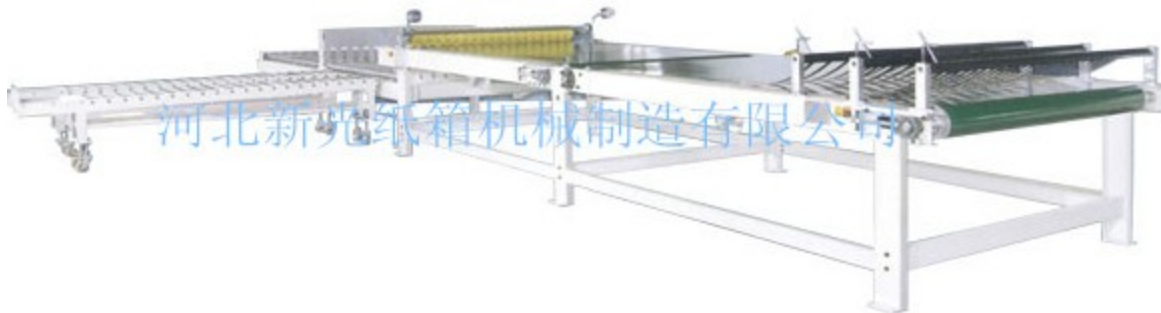
Name of main parts	Brands or place of origin	Material and type
Full AC servo motor	Shanghai futian	18.5KW
Feeding frequency motor	Hebei hengshui yongshun	
bearing	HRB,ZWZ,LYC	Up and down the knife roller bearings from Japan NSK
belt	Germany OPTIBELT	
Up sleeve	Xianyang chaoyue	
Seat belt bearing	Zhejiang wuhuan	
Contactors and relays, relays of middle	France schneider	
Proximity Switch	Japan OMRON	
Flying shear servo control system	Germany kebi	
Motion control board	Germany MKS-CT150	
Rotary encoder	Wuxi ruipu	
Feeding drive	Taiwan delta	
Human Machine Interface	Taiwan WEINVIEW or MCGS	
Sun gear	China shenzhen	
Pneumatic components	Zhejiang sonorCSM	
Name of main parts	Brands or place of origin	Material and type

**RNN-100-1600- technical instruction****D MT-120 paper sheet delivery and side conveyer****structural features**

Adopted on the 16th channel welded Electric adjustment of cardboard the size of the lateral output pneumatic control board, electrically adjustable conveyer speed.

Cardboard sheets to the desired number or height requirements will be controlled by a foot switch out of cardboard

Vertical bin using wide flat belt conveyer transport

**technical parameters**

1.The maximum accumulation length 3000mm

2 The maximum stack height 200mm

Power motors and electrical parameters

1.Main conveyer motor 3KW adopt frequency motor

2 Lateral output of the motor 1.5KW Three-phase asynchronous motor

3 Walking Motor 1.5KW Three-phase asynchronous motor

Z JZ glue station system



RNN-100-1600- technical instruction

Structural features □

provide the starch adhesive to the corrugated single facer ,two glue machine and some other gluing equioment.

Horizontal glue machine can meanwhile matched with main body glue and carrier glue, and mixing, glue large □

Making room storage barrels adhesive solution was to use the glue pump rubber equipment storage barrels, adhesive solution for equipment □

Storage barrels, plastic barrels with mixing device, avoid glue solution precipitation agglomerate □

System unit with carrier vessel, main tank, storage tank, and send the glue pump, the back glue pump, etc □

glue system adopt glue cycle,rest glue go back to the glue square cylinder,Liquid level float automatic control,the back glue a bucket of glue liquid being beaten back with glue equipment storage bucket □ cycle for glue □ Save the glue solution □ prevent the glue solution in the rubber plate pasting and caking precipitation.

Work has been completed, the residual gum dividend total pipeline with rubber equipment rubber pumped back rubber room storage barrels, for next time use □

Responsible for technical guidance, teaching adhesive dispensing process □



**RNN-100-1600- technical instruction****technical parameters**

- 1 Horizontal body glue mixer one 2 Carrier glue mixer one
 3 Storage glue mixer one 4 Plastic buckets on double coater one
 5 Two coating machine back plastic buckets :one 6 Plastic buckets on single machine :two
 7 Single machine back plastic buckets two 8 Lose glue dispensing pumps four

glue barrel diameter parameters

- 1 Horizontal body glue mixer 1250mm×1000mm×900mm
 2 Carrier glue mixer diameter 800mm×900mm
 3 Diameter plastic bucket on Double Glue 800mm×1000mm Plastic buckets on single machine 800mm×1000mm
 4 Storage tank diameter 1200mm×1200mm

Power motors and electrical parameters

- 1 Horizontal body glue mixer 3KW 380V 50Hz
 2 Carrier glue mixer 2.2KW(Ordinary three-phase) 380V 50Hz
 3 output plastic pump motor 2.2KW Ordinary three-phase 380V 50Hz
 4 Storage Tank Motor 1.5KW Ordinary three-phase 380V 50Hz

Mainly purchased parts, raw materials and origin

Name of main parts	Brands or place of origin	Material and type
motor	Hebei hengshui yongshun	
Lose glue dispensing pumps	Hebei botou	
Skeleton profiles	tanggung	

Z Q steam system**Structural features**

- Production line for hot heating energy delivery device to maintain a stable operating temperature
 All units are designed to be independent small unit for the steam system, segmented temperature control, energy saving, easy to adjust



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By adjusting the steam pressure monitor dial to exercise control over the operating temperature, and a pressure□

Each group has a hydrophobic unit emptying bypass, when rapid shutdown cooling equipment□

Float trap 1/2 metal hose and connect the bypass valve, plug valve injection□

Between the piping system and the rotary heating member in order to achieve a flexible metal hose connection, to extend the service life of the rotary joint□

All steam pipes are made of seamless steel tubes, to ensure safety for use under normal pressure□



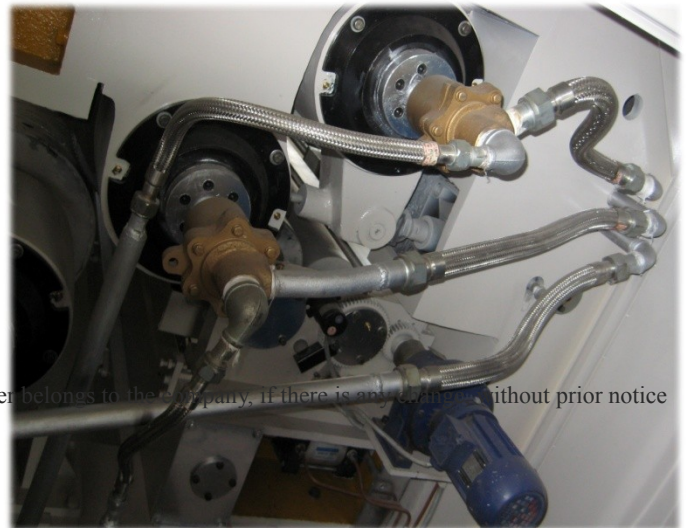
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technical parameters

- 1 steam consumption about 1.5-2T/h
- 2 Equipped with boiler 4t/h
- 3 Equipped with boiler pressure 1.25Mpa Pipe temperature 170—200