

HQJ-1600D A4 paper
cutting machine (two roll)



1.Introduction

This machine is suitable for various kinds of paper cutting, such as 40-300g copy paper, double adhesive paper, paper-plastic composite material.

2.Technical Information

Model	HQJ-1600 two roll
Max. Diameter of Unwinding	φ1400mm
Max. Cutting Width	1600mm
Cutting Length	200-500mm
Cutting Speed	50-200times/min
Cutting Precision	±0.2mm
Total Power	9KW
Machine Weight	5KG
Machine Size(L*W*H)	8500*2300*1600

BRANCHES:

Delhi, China, Chennai, Hyderabad, Bangalore, Madurai, Coimbatore, Ahemdabad, Mumbai

NATRAJ CORRUGATING MACHINERY CO

— AN ISO 9001:2000 Cetified company —

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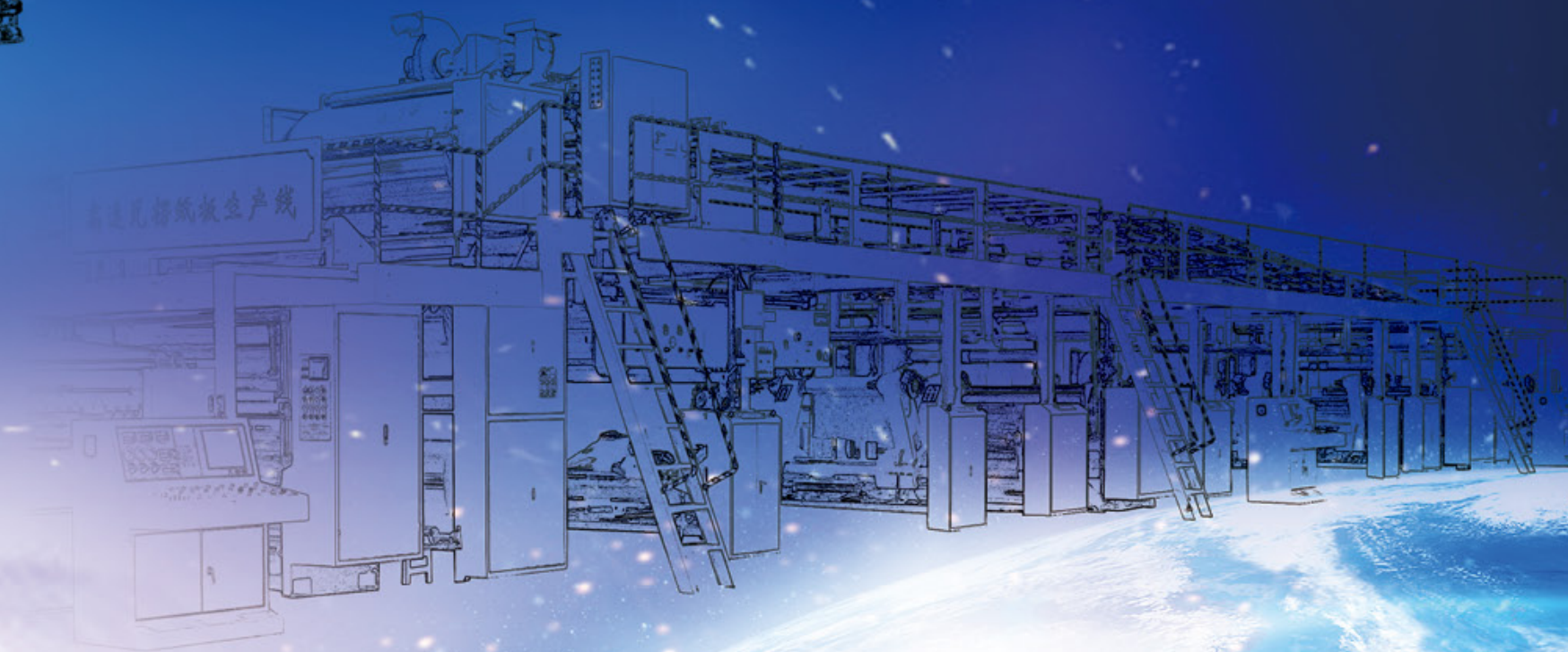
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natraj
CORRUGATING MACHINERY CO

NR
A PRODUCT OF RISHI NAGPAL



5PLY CORRUGATED PAPERBOARD PRODUCTION LINE

NATRAJ CORRUGATING MACHINERY CO



COMPANY PROFILE

NATRAJ CORRUGATING MACHINERY CO , Palwal, Haryana (INDIA) Holding expertise in delivering a Wide range of Corrugating machinery and Equipment . NAGPAL NATARAJA BRAND History started from New delhi sadar bazaar to Faridabad, Haryana in the year of 1965. 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 . Nagpal Natraja 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 splitter, 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 splitter, Fully Automatic carton folder gluer ,Automatic Flute laminator ,Automatic Flat bed die cutting and creasing machine ,etc The factory has become one of the manufacturing enterprises with the most complete product series and best quality and after-sales service in the domestic industry. complete consultation we provide in setting up carton industry according to requirement and production capacity .Mr Rishi nagpal CEO has been awarded with many prestigious awards for development of new machinery and bringing new ideas for improvement.

For many years, our factory has always been focusing on high technology, Centering on talented personnel, taking the scientific research and development as the priority, pursuing the ultimate goal of satisfying the requirements of various customers, constantly aiming at a higher and further target,working hard with great concentration, serving diligently and striving to produce the excellent

Director



RISHI NAGPAL

ENTERPRISE'S IDEA

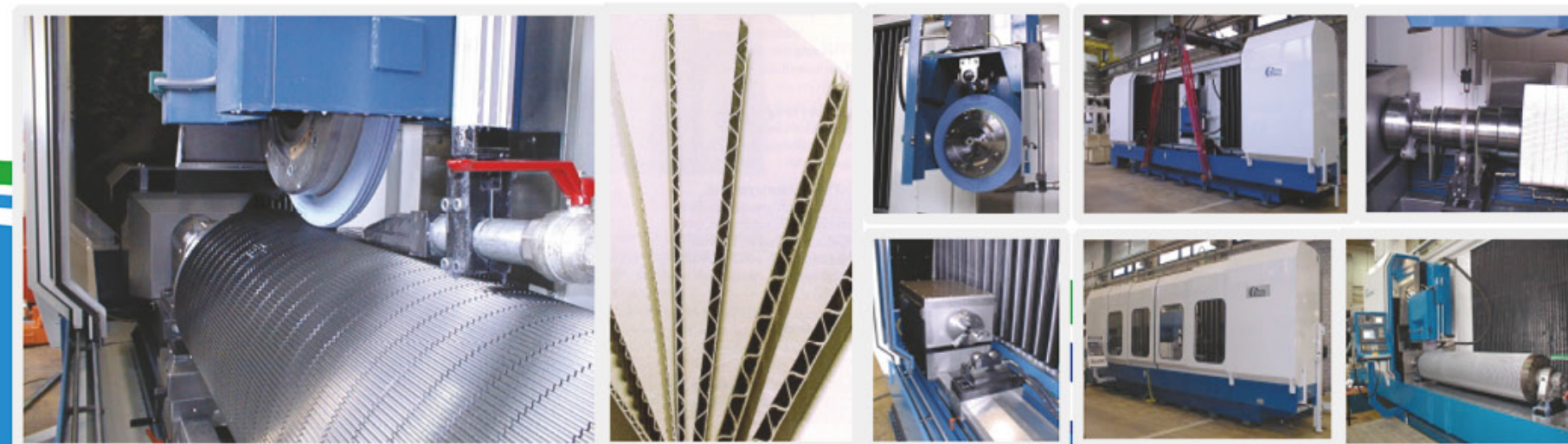
We should be the super-strong one in the trade
We specially serve super-strong customer
Only the super-strong could satisfy the super strong

ENTERPRISE'S GOAL

Satisfied because of our products
Move because of our service
Make profits because of our cooperation

THE THREE KEY COMPETITIVENESS OF ENTERPRISE

Manufacturing process with norman specialty
The thiny exceeds the products quality worthed
Pursne the perfection for the whole service



WJ1600-2200 Type Three/Five/Seven Layer High Speed Corrugated Cardboard Production Line

Corrugated paperboard production line is composed of Shaftless Mill Roll Stand, Fingerless Single Facer (vacuum suction type), Pre-heater, Over Bridge, Pasting Machine, Double Facer (Main drive, hot and cooling part), NC Cut Off Machine, Thin Blade Slitter Scorer Machine, Stacker and Glue Making System.

Corrugated Cardboard Production Line is the high speed professional equipment for producing corrugated cardboard. It can make 3/5/7 layer board efficiently. Speed can be from 80m/min to 220m/min. Width range is 1400mm to 2200mm. Mainly UV Flute shape, A,C,B,E,F,G flutes can be customized.



DWJ Two Layer Corrugated Cardboard Production Line

Two layer line mainly used for middle large carton factories and Multi-color carton factories.

High speed Two layer corrugated cardboard production line which is composed of Shaftless Mill Roll Stand , Pre-heater, Fingerless Single Facer, Over Bridge, Slitting & Cut off combined Machine and Stacker . Speed can be from 80m/min to 150m/min. Width range from 1400mm to 2200mm. Mainly UV Flute shape, A,C,B,E,F,G flutes can be customized.



SF-320S/360S Vacuum Adsorption Single Facer

- ◆SF320S design speed:120m/min economic speed: 100m/min.
- ◆SF360S design speed: 150m/min economic speed: 120m/min.
- ◆Effective width :1400mm-2200mm.
- ◆Corrugated roller :φ320/φ360mm.
- ◆Gear box driving adopts immersion oil lubricating , low noise , gimbals transmission, isolated power source.
- ◆Upper roller ,pressure roller . Gluing roller lift can be controlled by pneumatically.
- ◆Feeding paper adopts vacuum adsorption ,with air volume device and keep stable corrugated roller style when in high speed.
- ◆Shaft of Corrugated roller and pressure roller adopts grease lubricating.
- ◆Gluing part adopts automatically circulation glue applying.
- ◆Corrugation roller adopts 48CrMo excellent alloy steel and heat processing , hardness is HRC58°-60°degree after grinding.



SF-270S/280S Vacuum Adsorption Single Facer

- ◆Design speed:100m/min economic speed: 60-80m/min.
- ◆Effective width :1000mm-2200mm.
- ◆Corrugated roller :φ270/φ280mm, 48CrMo alloy steel
- ◆Gear box driving adopts immersion oil lubricating , low noise , gimbals transmission ,isolated power source.
- ◆Upper roller ,pressure roller . Gluing roller lift can be controlled by pneumatically.
- ◆Feeding paper adopts vacuum adsorption ,with air volume device and keep stable corrugated roller style when in high speed.
- ◆Shaft of Corrugated roller and pressure roller adopts grease lubricating.
- ◆Gluing part adopts auto circulation glue applying.



SF-380/410 Single facer

- ◆ Design speed: 220m/min
- ◆ Effective sheet length: 1400mm–2500mm
- ◆ Vacuum fingerless type
- ◆ Auto rotating glue roll while the main motor stop to avoid the glue drying .
- ◆ Precise gap metering between glue roll and doctor roll, with touch screen display. Glue volume can be automatically adjusted with plant speed changing.
- ◆ Motorized glue area setting.
- ◆ Variable speed gearbox drive, with gears precisely grinded and oil immersed lubricated. Four axis gimbal transmission for the output shaft.
- ◆ Imported Japanese high quality bearing for upper and lower corrugating roll and pressure roll. High temperature grease used for lubrication.
- ◆ The corrugated roll is made of special alloy steel of 48CrMo with grinding process and hardened with hardness of HRC56–60. Wolfram Carbide is optional for the corrugated roll.
- ◆ Gap between glue roll and lower corrugating roll ,pressure roll and lower corrugating roll are simultaneously controlled by double motor.
- ◆ Motorized control of the pre-heater area.
- ◆ Spraying device is equipped.



PROFESSIONAL HIGH PRECISION CORRUGATED MAKING

- Adopt high precision computer control professional grinding machine.
- Material—special alloy steel.
- Surface—special heat treatment and hard chrome plating.
- Design the flute by computer.

TUNGSTEN CARBIDE CORRUGATING ROLLS

Tungsten carbide technology is best surface treatment of corrugating rollers. With tungsten carbide coat on the surface of flute, to make corrugating roller with high wearability. To use corrugating rollers with long life and lick the abrasion problem.



NC – 120

computer single tile and paper cutting machine

- ◆ Working width: 1400–2500 mm
- ◆ The highest mechanical speed: 120 m/min
- ◆ Equipment characteristics: ac servo motor, the German Bryant servo motor driver, Taiwan wei lun 10.4 –inch color touch screen display
- ◆ Paper cutting knife shaft diameter: 200 mm
- ◆ Paper cutting length is 500 mm – 9999 mm, cutting precision: + / – 1 mm (uniform)
- ◆ The largest pieces paper length is 1300 mm
- ◆ In one way: manually or automatically, can store 200 set of orders
- ◆ Pieces of crosscutting host shard shape, make the knife, knife more convenient.
- ◆ Mixer slitting circular knife/thin blade cutting, manual/electric knife, manual/pneumatic locking.
- ◆ Pieces of crosscutting is straight knife/screw knife
- ◆ Never loose pieces of crosscutting gear are keyless connection
- ◆ Mixer gear tooth surface after adopting cr 40 with quenching and grinding, adopt oil–immersed lubrication.
- ◆ Mixer machine adopts the automatic counting orthogonal output models, deceive paper adopts hanging basket or pneumatic bracket type.



SMBD-ANC series NC slitter scorer (common type, AC servo type)

- ◆ Design speed: 220m/min
- ◆ Effective sheet length: 1400mm-2500mm
- ◆ Vacuum fingerless type
- ◆ Auto rotating glue roll while the main motor stop to avoid the glue drying.
- ◆ Precise gap metering between glue roll and doctor roll, with touch screen display. Glue volume can be automatically adjusted with plant speed changing.
- ◆ Motorized glue area setting.
- ◆ Variable speed gearbox drive, with gears precisely grinded and oil immersed lubricated. Four axis gimbal transmission for the output shaft.
- ◆ Imported Japanese high quality bearing for upper and lower corrugating roll and pressure roll. High temperature grease used for lubrication.
- ◆ The corrugated roll is made of special alloy steel of 48CrMo with grinding process and hardened with hardness of HRC56-60. Wolfram Carbide is optional for the corrugated roll.
- ◆ Gap between glue roll and lower corrugating roll, pressure roll and lower corrugating roll are simultaneously controlled by double motor.
- ◆ Motorized control of the pre-heater area.
- ◆ Spraying device is equipped.

SMBD-SJ series up-down type slitter scorer



SMBD-DDSJ series lifting slitter scorer
(blade electric adjusted)



SMBD-DDHY series slitter scorer
(blade electric adjusted)



SMBD-QDHY series slitter scorer
(pneumatic lifting type)



NC-A-100 Computer Straight Cutting Machine

- ◆ Design speed: 0-100 m/min;
- ◆ Effective width: 1400-2200mm;
- ◆ Paper cutting length: 500-9999 mm paper cutting accuracy: uniform speed (+1 mm);
- ◆ The computer can store multiple orders, the man-machine interface is separated, and the color touch screen is displayed.
- ◆ High quality variable frequency motor or AC servo motor and advanced servo driver are adopted.
- ◆ The transmission gear is quenched and grinded with 40Cr after quenching and tempering. It has high transmission accuracy and low noise.
- ◆ High-speed steel plate saw blade, high hardness and long service life.
- ◆ Precision adjustable clearance-free gear ensures precise meshing of cutter edge, good cutting quality, good straightness, blade protection, spray lubrication at chain side.



NC-B-120 Computerized Screw Cutter

- ◆ High quality AC servo motor and advanced servo driver are adopted.
- ◆ Effective width 1400-2200mm cutting length 500mm-999999mm, cutting accuracy: uniform speed + 1mm, design speed 0-120m/min.
- ◆ The computer can store multiple orders, the man-machine interface is separated, and the color touch screen is displayed.
- ◆ High-speed steel sawtooth insert is adopted, which has high hardness and long service life. Spiral knife structure.
- ◆ Transmission gears are quenched and grinded after 40Gr quenching and tempering, and are fitted and installed tightly with spray lubrication.
- ◆ Pneumatic lifting meter wheel and paper press wheel, easy to operate.
- ◆ Frequency conversion speed regulation is adopted in paper conveying.
- ◆ The cutter shaft of the cross-cutting machine is encrypted with sealing ring, without oil leakage.

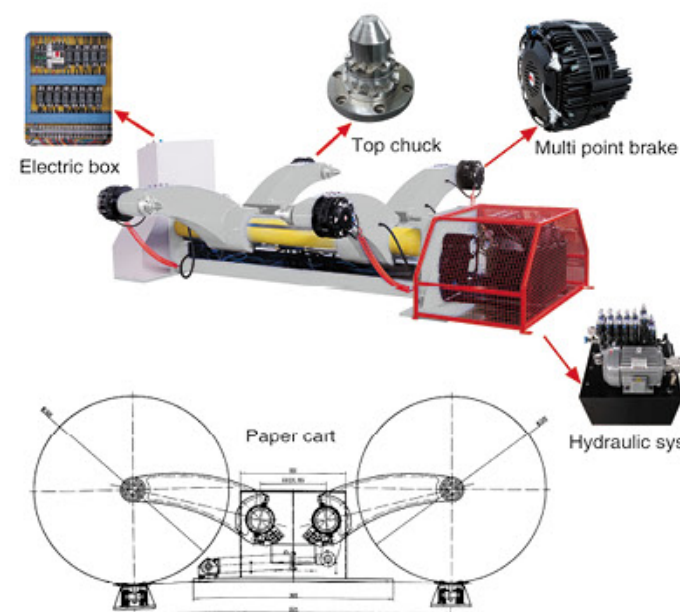


NC Computer Single Watt Vertical and Cross Cutting Machine

- ◆ Design speed: 0-100 m/min;
- ◆ Effective width: 1300-2200 mm;
- ◆ Paper cutting length: 500-9999 mm paper cutting accuracy: uniform speed (+1 mm);
- ◆ The computer can store multiple orders, the man-machine interface is separated, and the color touch screen is displayed.
- ◆ High quality AC servo motor and advanced servo driver are adopted.
- ◆ The transmission gear is conditioned with 40Cr, quenched and grinded, with high transmission accuracy and low noise. The transmission system is lubricated by oil pump cycle.
- ◆ High-speed steel plate saw blade, high hardness and long service life. Precision adjustable clearance-free gear ensures precise meshing of cutter edge, good cutting quality, good straightness and blade protection.
- ◆ Paper feeding and longitudinal cutting are regulated by frequency conversion.
- ◆ Single-watt paper collector: maximum stacking height: 200 mm; maximum stacking length: 1500 mm;
- ◆ Cut cardboard is transmitted in two directions by transmission device, which improves work efficiency and is easy to maintain.
- ◆ This machine is suitable for high-efficiency production of color printing enterprises.



Full Hydraulic Shaft Less Double Arm Bracket



- ◆ Double arm bracket action mode, full hydraulic action
- ◆ Largest clamping range: 1400/1600/1800/2000/2200/2500/2800
- ◆ The minimum standard is 500. For each increase of 200, the compliance increases by 200.
- ◆ Paper clamping diameter: heavy duty 1800, light weight 1500 single side maximum load: 2500kg
- ◆ Spindle diameter: heavy-duty 240mm, light-duty 215mm
- ◆ Hydraulic part: A type hydraulic workstation system, B type hydraulic workstation system
- ◆ Hydraulic Cylinder Lifting: 100x60x450 Hydraulic Cylinder Translation: 63x36x670
- ◆ Working Pressure (mpa): 12-16 MPa
- ◆ Total power of hydraulic workstation: 4 kW power supply voltage of hydraulic workstation: 380 v50Hz
- ◆ Raw materials: The spindle is made of high quality thick-walled seamless steel pipe, and the clamping arms on both sides are made of QT450 castings.
- ◆ Bearing: Harbin General Plant
- ◆ Electrical appliances: Zhengtai, Schneider and Delicious



CLRS-2 Mechanical Roll Stand

Technological Parameters:

- ◆ Paper roll frame working model: Mechanical electrical operation.
- ◆ Paper roll length scope: Max.: 2000mm Min.: 400mm
- ◆ Paper roll diameter scope: Max.: 1400mm Min.: 400mm
- ◆ Single side max. load: 1.5T.
- ◆ Motor power: all are planet cycloid motor

CLGM240/270/320 Double Glue Machine

Main Features

- ◆ Design speed: 150m/min
- ◆ Special line on the surface of the glue applicator roller, surface are hard chrome plating, even glue supply, low cost.
- ◆ The glue applicator driven by frequency conversion motor with inverter. Keep the synchronization for glue applicator roller and double baker facer machine by inverter. And independent running.
- ◆ Adjustment for gap between glue roller and doctor roller by electric or manual are optional, Digital read out for the gap between glue roll and doctor roll is optional.
- ◆ Press roll moves up and down by pneumatic. Gap mini-adjustment by electric.
- ◆ Self-circulating glue supplying system to avoid glue hardening and to control glue quantity Keeping the glue good quality and saving.

CLPH600(900)Preheater

Main Features

- ◆ Diameter of pre-heater roller: ϕ 600mm, ϕ 900mm.
- ◆ Effective width: 1400mm-2500mm
- ◆ Electromotion heating angle adjustment. Adjustable range of 360° .
- ◆ Surface of all rollers are well treated by grind and plated hard chrome, glabrous and durable.
- ◆ Adopt dishing seal or plat design. Insure reel paper be heated averagely.



Double Facer(Dry And Mould System)



- ◆ Design speed: 40-200m/min
- ◆ Working width: 1600mm-2500mm
- ◆ Hot-plate surface is treated with grinding and hard chrome plating;
- ◆ Pressure type: pressure-roller or touch-plate;



Transport Bridge

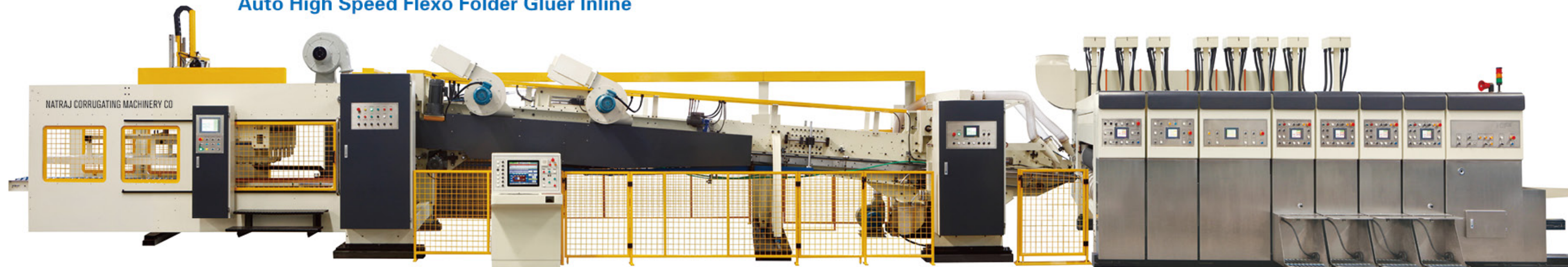
Transport bridge is used for transport the paperboard during the production. It include the vacuum absorb part, it make the corrugated paperboard production more easier and working good.

Technological Parameters:

- ◆ Working width: 1600mm, 1800mm, 2000mm, 2200mm, 2500mm



Auto High Speed Flexo Folder Gluer Inline



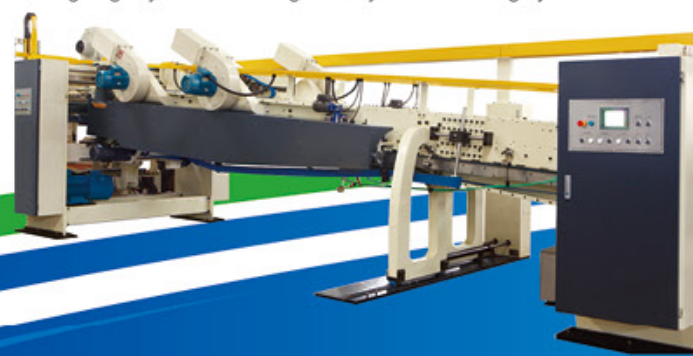
Counter-Ejector Section

Servo motorized High-speed counting stacking transporting system.
Down stacker, splicing correction system.



Folding Section

Precision deflection wheel system to ensure feeding register vacuum transportation when folding.
High rigidity beam Linear guideway Lateral moving system.



The machine technique parameter:

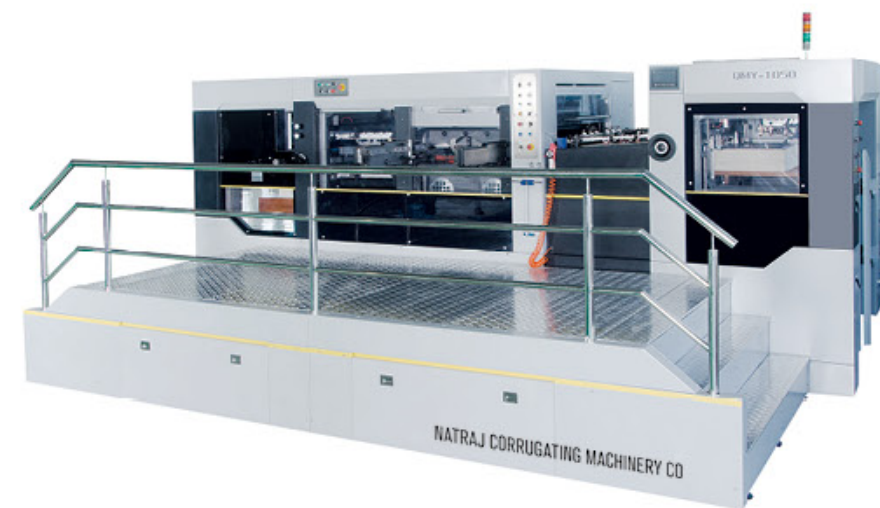
Model	920	1224	1228
Max.machine speed(sheets/min)	300	250	220
Max.feeding size	900 × 2000	1200 × 2400	1200 × 2800
Min.feeding height	300	350	
Min.fold size	240 × 110	250 × 110	
Suitable for boardsheet	E—AB Stare blankly		

Catching Section

Glue system with constant temperature
CNC control sheet cleaning system



Fully Automatic Clear Die Cutting Machine



Fully Automatic Three Frame And Totally Clean Die Cutting Machine



Automatic Die Cutting And Indentation Machine

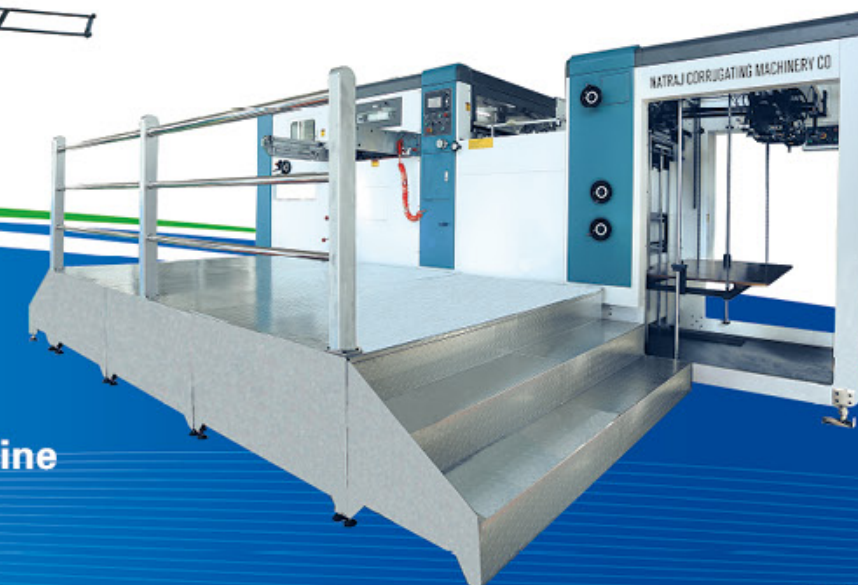


Semi Automatic Die Cutting Indentation Machine

Fully Automatic Clear Die Cutting Machine



Automatic Die Cutting And Indentation Machine



HQYKM High Speed Printing Slotting Die-cutting Machine



Main features:

- ◆ Control on the main console and each unit console with display adjustment system, store repeated order, easy for operation.
- ◆ Motorized printing hung type plate mounting, auto reset, quick change.
- ◆ Each unit is equipped with Emergency Stop switch to ensure safe operation.
- ◆ Motorized gap adjustment device for easy operation.
- ◆ Transmissions are using precision high hardness gears with spray type circulation lubrication system.
- ◆ Electric element, bearing, and pneumatic elements all adopt international brand.

Technological parameter:

Project	Model	HQYKM-920	HQYKM-1224	HQYKM-1228	HQYKM-1428	HQYKM-1628	HQYKM-1632
Maximum speed of machine (Zhang / min)		180	160	140	120	120	100
Maximum paper size (mm)		900X2000	1200X2400	1200X2800	1600X2400	1600X2800	1600X3200
Minimum paper size (mm)		300X600	350X600	350X600	400X600	450X600	450X600
Sheet fed paper (mm)		1200X2000	1500X2400	1500X2900	1600X2400	2000X2800	2000X3200
Maximum print width (mm)		900X1960	1200X2360	1200X2760	1600X2360	1600X2760	1600X3160
Standard printing thickness (mm)		7.2	7.2	7.2	7.2	7.2	7.2
Minimum slotting (single shaft spacing)	130X130X130X130	130X130X130X130	130X130X130X130	130X130X130X130	130X130X130X130	130X130X130X130	130X130X130X130
	230X65X320X65	230X65X320X65	230X65X320X65	230X65X320X65	230X65X320X65	230X65X320X65	230X65X320X65
Minimum slotting (double spacing)	130X130X130X130	130X130X130X130	130X130X130X130	130X130X130X130	130X130X130X130	130X130X130X130	130X130X130X130
	230X65X320X65	230X65X320X65	230X65X320X65	230X65X320X65	230X65X320X65	230X65X320X65	230X65X320X65
Maximum groove depth (mm)		250	300	300	400	400	400

QYKM Automatic Speed Printing Slotting Machine



Main features:

- ◆ Designed according to the high request and the reliable function, the operation of the machine is humanized, can accomplish the setting, revision, implement, replacing and memories function in a short time, and display with a exact data.
- ◆ All the drive rollers adopted high quality steel materials, hard chromium plating and the surface treated by grinding.
- ◆ The drive gears adopt high quality alloy steel, after heat treatment and grinding.
- ◆ The main drive roller adopt keyless connection, decrease the connection gap, guarantee the printing precision.
- ◆ Lubricate oil automatic Keep the oil level equal in each unit.
- ◆ Use the sun feeder to feed the cardboard.
- ◆ Customer can choose use steel anilox roller or ceramic roller, the lines of the anilox roller can be chosen according to the customer demand.

Technological parameter:

Project	Model	QYKM-920	QYKM-1224	QYKM-1228	QYKM-1428	QYKM-1628	QYKM-1632
Maximum speed of machine (Zhang / min)		80	80	60	60	60	60
Maximum paper size (mm)		900X2000	1200X2400	1200X2800	1600X2400	1600X2800	1600X3200
Minimum paper size (mm)		260X600	350X600	350X600	400X600	450X600	450X600
Sheet fed paper (mm)		1200X2000	1500X2400	1500X2900	1600X2400	2000X2800	2000X3200
Maximum print width (mm)		900X1960	1200X2360	1200X2760	1600X2360	1600X2760	1600X3160
Standard printing thickness (mm)		7.2	7.2	7.2	7.2	7.2	7.2
Minimum slotting (single shaft spacing)	150X150X150X150	150X150X150X150	150X150X150X150	150X150X150X150	150X150X150X150	150X150X150X150	150X150X150X150
	270X65X270X65	270X65X270X65	270X65X270X65	270X65X270X65	270X65X270X65	270X65X270X65	270X65X270X65
Minimum slotting (double spacing)	150X150X150X150	150X150X150X150	150X150X150X150	150X150X150X150	150X150X150X150	150X150X150X150	150X150X150X150
	270X65X270X65	270X65X270X65	270X65X270X65	270X65X270X65	270X65X270X65	270X65X270X65	270X65X270X65
Maximum groove depth (mm)		250	300	300	400	400	400

SYK – Heavy Printing Slotting Machine – Chain



Main features:

- ◆ Designed according to the high request and the reliable function, the operation of the machine is humanization, can accomplish the setting, revision, implement, replacing and memories function in a short time, and display with an exact data.
- ◆ All the drive rollers adopted high quality steel materials, hard chromium plating and the surface treated by lapping finish.
- ◆ The drive gears adopt high quality alloy steel, after heat treatment and lapping finish.
- ◆ The main drive roller adopts keyless connect, decrease the connection gap, guarantee the printing precision.
- ◆ Lubricate oil automatic balance device, keep the oil level equal in each unit.
- ◆ Use sun feeder to feed.
- ◆ Customer can choose used steel anilox roller or ceramic roller, the lines of the anilox roller as so can be chosen according to the customer use.

Slotting Unit:

- ◆ Prepressing wheel: Manual type slot of a complete line pressing, preloading.
- ◆ Manually adjust the length, width and height of the cartons and folding parts, digital display.
- ◆ Manually adjusted scoring wheel clearance with adjustment data displayed on the dial.
- ◆ 7mm alloy steel scoring knives with indent heat treatment to enable grinding teeth sharp edge and high precision.
- ◆ PLC, touch screen and motorized digital 360 degree adjustment adopted from slotting phase with order being able to stored.
- ◆ Additional portable orifice die backer.
- ◆ Equipped with the interlock control switch at slotting unit to achieve stop or resume paper feed.

Model	SYK-920	SYK-1224	SYK-1228	SYK-1428	SYK-1628	SYK-1632	SYK-2432
Project							
Maximum speed of machine (Zhang / min)	80	80	60	60	60	60	60
Maximum paper size (mm)	900X2000	1200X2400	1200X2800	1600X2400	1600X2800	1600X3200	2400X3200
Minimum paper size (mm)	260X600	350X600	350X600	400X600	450X600	450X600	550X600
Sheet fed paper (mm)	1200X2000	1500X2400	1500X2900	1600X2400	2000X2800	2000X3200	3000X3200
Maximum print width (mm)	900X1960	1200X2360	1200X2760	1600X2360	1600X2760	1600X3160	2400X3160
Standard printing thickness (mm)	7.2	7.2	7.2	7.2	7.2	7.2	4-7.2
Minimum slotting (single shaft spacing)	150X150X150X150 270X65X270X65	150X150X150X150 270X65X270X65	150X150X150X150 270X65X270X65	150X150X150X150 270X65X270X65	150X150X150X150 270X65X270X65	150X150X150X150 270X65X270X65	190X190X190X190 290X70X290X70
Minimum slotting (double spacing)	150X150X150X150 270X65X270X65	150X150X150X150 270X65X270X65	150X150X150X150 270X65X270X65	150X150X150X150 270X65X270X65	150X150X150X150 270X65X270X65	150X150X150X150 270X65X270X65	190X190X190X190 290X70X290X70
Maximum groove depth (mm)	250	300	300	400	400	400	625

Chain feeding type corrugated cardboard slotting machine



Function and characteristic:

- ◆ This machine adopts chain feeding type, bilateral blocking positioning, which ensures that it feeds paper accurately.
- ◆ Box height is adjusted for four knife synchronization, the length adjustment, the knife and the line pressing on top and bottom, the paper cutter and the paper pressure rod, linkage shift, saves the time of order transformation.
- ◆ The phase adopts structure of planetary gear type, electric 360° adjustment, digital display.
- ◆ The machine transmission uses cross slide block structure and also uses automatic spray type lubrication and circulation of oil supply; the gear adopts free key connection and removes the link clearance.
- ◆ The electrical appliances adopt internationally famous brand and the bearing adopts rolling bearing from Harbin, high speed and has stable performance.
- ◆ The punching and the clasp hands device and the free plate quad die cutting device is optional.

Technical parameter:

Parameter	Company	φ 400	φ 480	φ 535	φ 600	φ 735
Maximum mechanical speed	pcs/min	60	60	60	60	60
Maximum paper size	mm	2400 1220 × 2600 2800	2600 1450 × 2800 3000	2600 1600 × 2800 3000	2600 1800 × 2800 3000	2600 2280 × 2800 3000
Minimum paper size	mm	350*600	400*600	420*600	420*600	500*700
Slot width * grooved depth	mm	7*300	7*350	7*400	7*450	7*550
Phase adjustment	°	Electric 360°	Electric 360°	Electric 360°	Electric 360°	Electric 360°

CL1200 Lead Edge Feeder Rotary Die-cutter



Main features:

- ◆ This series of machine adopts double rollers moving rolling pressing type, to make paperboard once to finish slicing line, slicing corner, rolling line pressing trace, hitting hole hitting button orders and so on. This machine adopts vacuum adsorption help carrying paper.
- ◆ Automatic flexo printing, slotting and die-cutting machine adopts leading edge feeding, frequency regulating input air, which is stable and accurate for the thinner and bent cardboard to feed.
- ◆ Main motor is equipped with frequency control; Die-cutting roller can be adjusted 360° electrically. The machine is equipped with an electronic counter.
- ◆ With the rubber lining rubber roller speed automatic compensation, repair device and long service life etc.

MQJ1400/1600/1800 Model Rotary Roller Die-Cutting Machine (economical type)

Purpose and Characteristics:

MQJ series Rotary Roller Die-Cutting Machine, Applicable to all kinds of die-cutting and various special-shaped corrugated cardboard packaging. It has high efficiency, energy saving and safety features. China is the third generation of pressure circle round die-cutting machine. U.S. imports of aircraft installation Juan Zhi carpet sets, the service life of up to 10 million times, the line speed automatic compensation can guarantee that carpets after the die-sets to wear cardboard normal size, soft roll repair agencies can be extended service life of three sets of carpets Times. Its feed system is linked since the locking devices, the use of operation more convenient.



Technological Parameter:

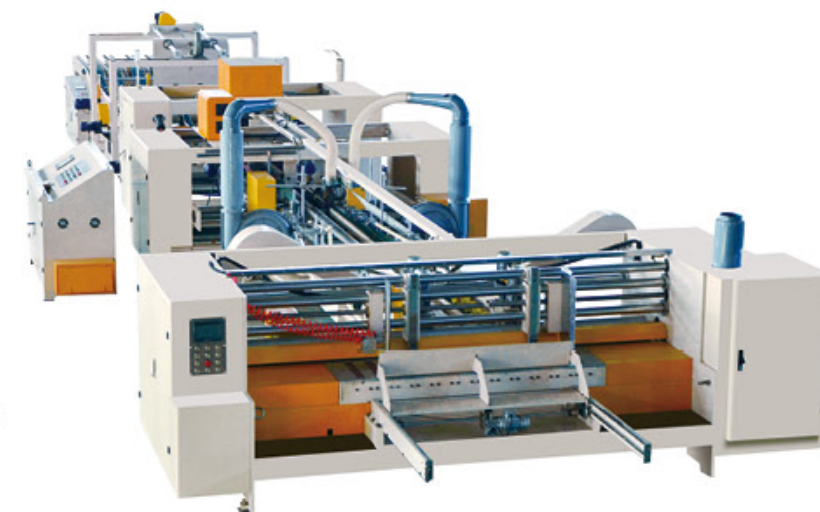
Model	Max feeding size(mm)	Min feeding size(mm)	Thickness of feeding paper(mm)	Power of main motor(kw)
MQJ-1800B	1750 × 1350	300 × 600	1-8(3-5 layer)	4.0
MQJ-2000B	2050 × 1350	300 × 600	1-8(3-5 layer)	5.5
MQJ-2000B	2050 × 1600	400 × 600	1-10(3-7 layer)	7.5
MQJ-2400B	2500 × 1600	400 × 700	1-10(3-7 layer)	7.5
MQJ-2500B	2500 × 1800	500 × 700	1-10(3-7 layer)	11
MQJ-3000B	2980 × 1800	500 × 700	1-10(3-7 layer)	15



Automatic Stitching Machine

Function and characteristic:

- ◆ The machine full computer control ,easy operation ,simple ;can be stored 1000 orders;
- ◆ Box without bottom and with cover can be stapled,too(to be specified when ordering);
- ◆ 3-5 minutes to shift the size ,simple and quick;
- ◆ Nail head power for the servo motor ,the mechanical speed :1000 nails per minute.
- ◆ The paper feeding part adopts front belt feeding to ensure that the cartons are not skewed 6.Feed have side flapping device enables the sending paper neatly smooth ;
- ◆ The paper feeding part adopts the servo motor to control,to ensure stable and accurate nail pitch;
- ◆ This machine is designed with box shaping functions,ensure the scissors will not appear in the stitching ;
- ◆ The machine can do single ,double nails,strengthening the nail, completed at a time;
- ◆ The machine can stitch three layer,five layer carton (seven layer need to be declared in advance in order);
- ◆ The machine finally automatic counting stacking quantitative output.
- ◆ The machine for bundling part is optional.
- ◆ The machine is with three function;stick,stick,and sticking stitch.



Automatic Folder Gluer Machine

Counter & Stacker section

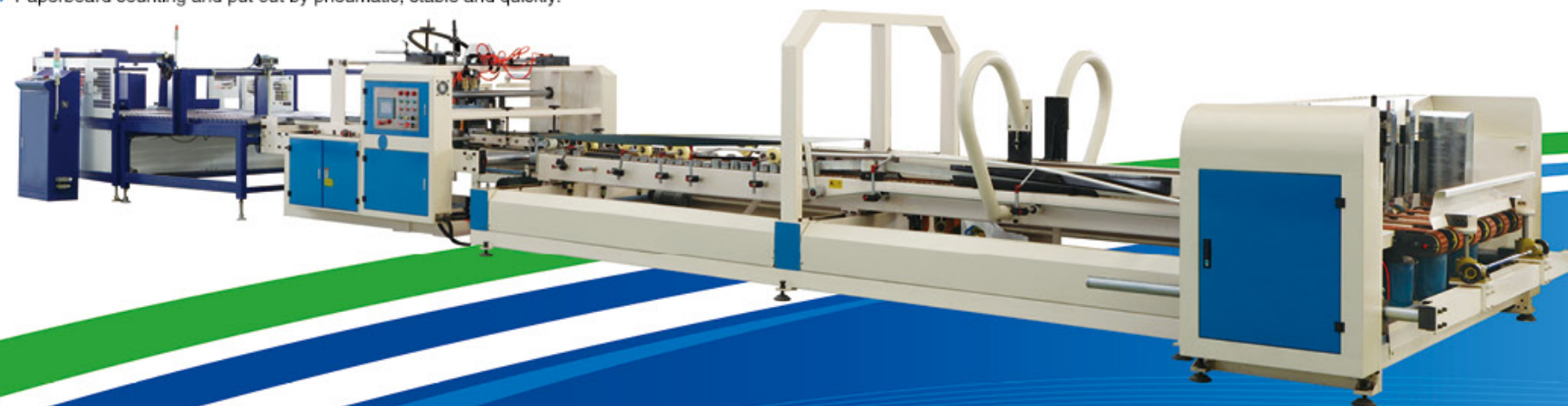
- ◆ Stacking and counting are simple and reliable;
- ◆ Digital control,operation easily and reliable.No-stop put in data and automatic counting.
- ◆ With rectification function.
- ◆ Paperboard counting and put out by pneumatic, stable and quickly.

Feeding section

- ◆ Vacuum suction feeding to feed warping paperboard easily.
- ◆ Quality electromagnetic clutch and brake adopted,feeding section controled independent,operation easily
- ◆ Scorer wheel adjustable,suit for 2-8mm thick paperboard
- ◆ Second creasing struction can impress again the paperboard which was not creased well;

Glue&Folding section

- ◆ Simple structure and high reliability, glue quantity adjustable, cleaning easily.
- ◆ Stainless steel glue wheel adopted, long life and saving glue cost;
- ◆ Imported quality rubber belt adopted,automatic folding.
- ◆ With paperboard rectify device and creasing rectify device;



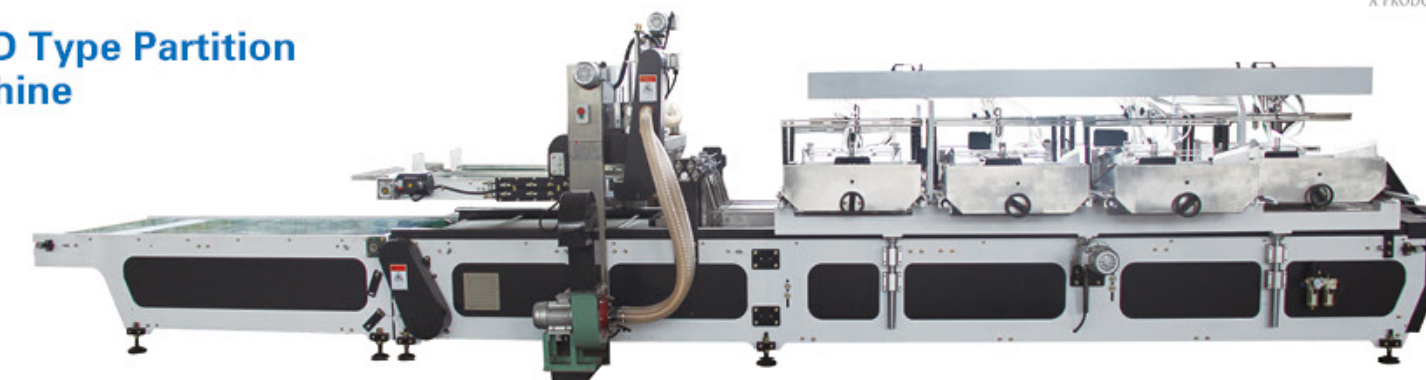
CL450/600-3-4D Type Partition Assembler Machine

Structure character:

- ◆ Lengthways and horizontal sheets do decussation inserting.
- ◆ Automatic inserting each kinds clapboard and block.
- ◆ Double-position output type,double efficacy.
- ◆ Pneumatic system and electric system to make sure the advancement of device control.
- ◆ Each steam equipment get gas from the main pipe, independent control ,no mutual influence.
- ◆ PLC man-machine interface,easy to operate.

Product Description:

CGJ series partition assembler machine is made of high quality raw materials. We use advanced manufacturing process to get high level of performance. It is the ideal equipment for the paper packaging of car parts, glass, ceramics, plastics and so on.



CL-Sticking machine



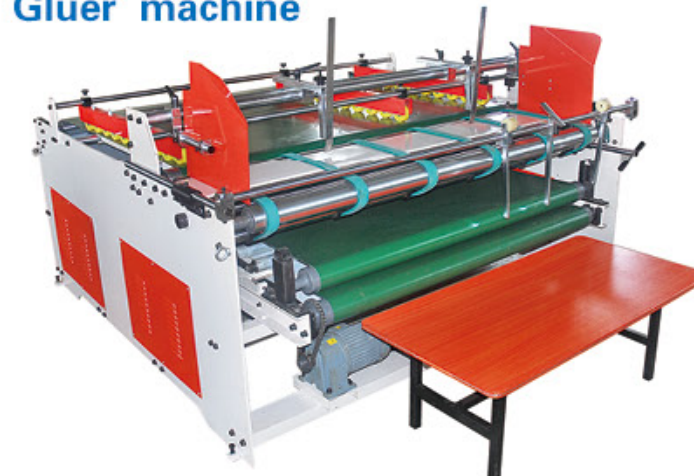
BDJ-2000B Double servo semi automatic single nail box machine



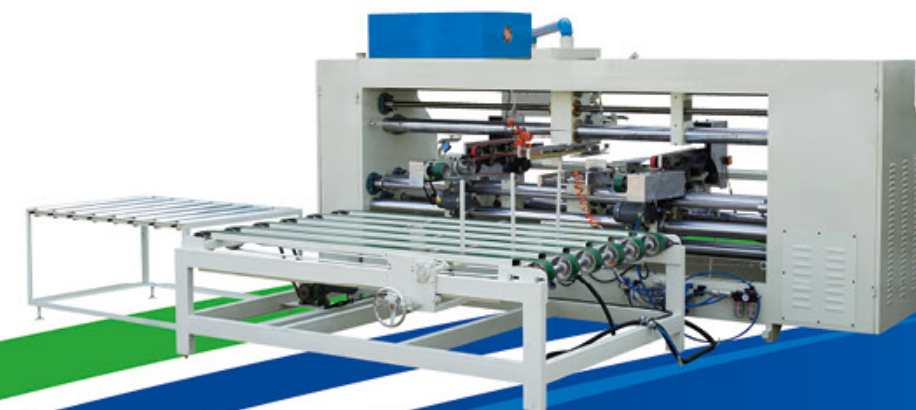
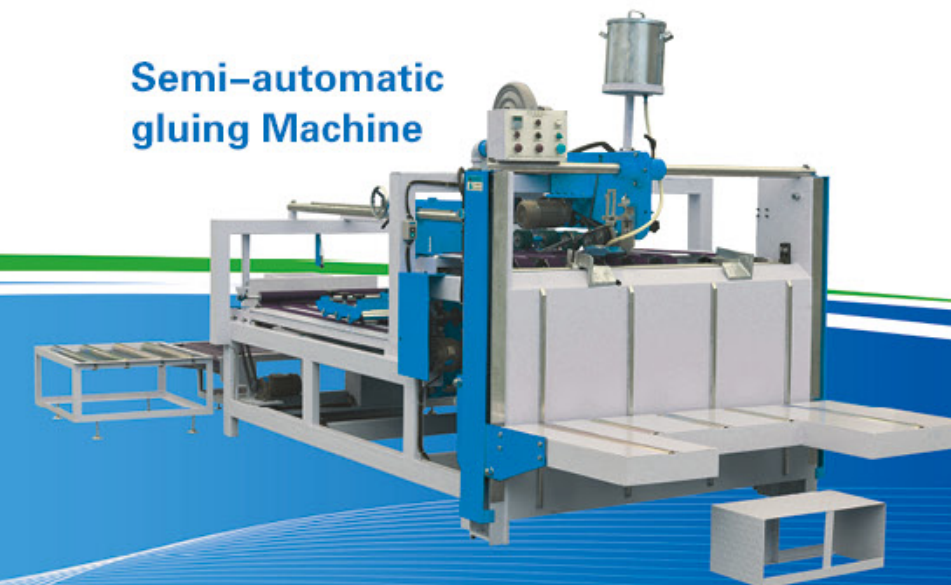
Fully automatic nailing machine



Semi-auto combined Gluer machine



Semi-automatic gluing Machine



SDJ-A type double chip nailing machine (three servo driver)

CL-QTM Automatic Flute Laminator



- ◆ Automatic Flute Laminating adopts back pusher and back registration system together with spring blade side lay and vacuum sucking conveying system make this series of machine fit a larger of paper, high precision while remaining the features of easy operation and maintenance.
- ◆ This machine glue roller adopts middle part higher design, match with anilox roller and rubber roller, the uniformity of the coating was improved greatly, Increase the intensity of laminization. Reduce the cost of the customer production.
- ◆ Balance-tested rollers, tight assembling technique, plus timing and tooth belt driving mechanic system makes the machine run at low noise with high precision.
- ◆ The machine adopts automatic glue supply and recyclable glue circulating system.
- ◆ Self-developed high-strength feeder compliant with high configuration electric system makes the machine run at low malfunction and stable. The electric parts used are all world wide available brand or well-known Chinese brand.
- ◆ All material are inspected according to ISO-9001 standard and key parts such as the harmonic gear and bearings are imported parts.
- ◆ The bottom sheet for this machine can be A, B, C, D, E, F flute corrugated sheet. It can be 3 or 5 ply board to sheet lamination or board to board lamination. The range for top paper can be 200-600 g/m² with top paper advance and alignment function.



CL-QTM Semi Automatic Flute Laminator



Model 1300-1600 Die Cutting & Creasing Machine



DX Series of Box Stitching Machine



Automatic Servo Type S stitching Machine



High-Speed Automatic Partition Machine



Corrugated Board Gluing Machine



The Bfy Thin Edge Slitter



Slitting & Scorer Machine



Four Knives Slotting Angle Cutter



Platform Die-Cutting Machine



Cleaning Waste Stacking Machine



Semi-automatic PE Bundling Machine

Exquisite Show and Large Supply of Accessories and Consumables

