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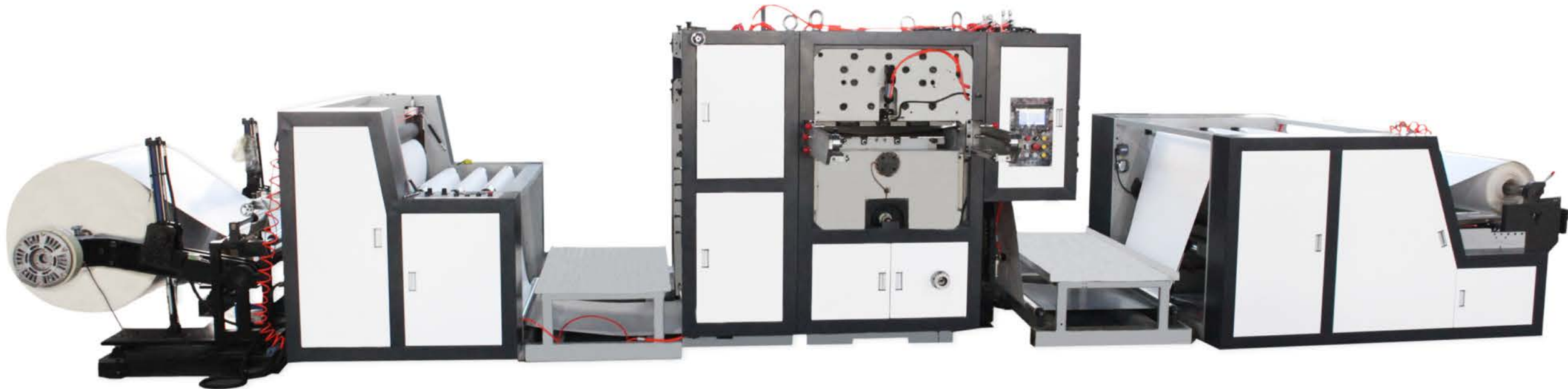
ROYO MACHINERY

PYT-1080Q/1200Q/1300Q

PYT ROLL HOLOGRAM FOIL STAMPING MACHINE



PYT Roll Hologram Foil Stamping Machine is designed as the new generation product; it is used for automatic stamping roll material that after the printing, laminating. It is suitable for the production of carton, paper cup, surround-bidding label, card paper pressing convex, portable paper bag, paper cover, PVC, and various plastic material etc.The main components are controlled by the Japan Panasonic PLC. The main motor is controlled by AC frequency conversion speed regulator; the main transmission system is equipped by air clutch brake equipment, which makes the machine running steadily.The machine equipment adopts high precision color photo-electrical automatic trace detection, servo motor automatic locating system.



Technical Parameters

TYPE	PYT-1080Q/1200Q/1300Q
Max unwinding diameter	1300mm
Maxi stamping size	1080/1200/1300/*750mm
Max delivering length	750mm
Suitable material	80-300g/m2
Capacity	50-110times/min
Electric hot plate power	15KW
Main power	35KW
Working pressure	150T
Power	380V 50HZ
Weight	18000KG
Overall Dimension	12*3*2.8m



HOT FOIL STAMPING PART



IMPORTED ELECTRONICS



WEB-GUIDING SYSTEM



FOIL MOVING BY SERVO CONTROLLER

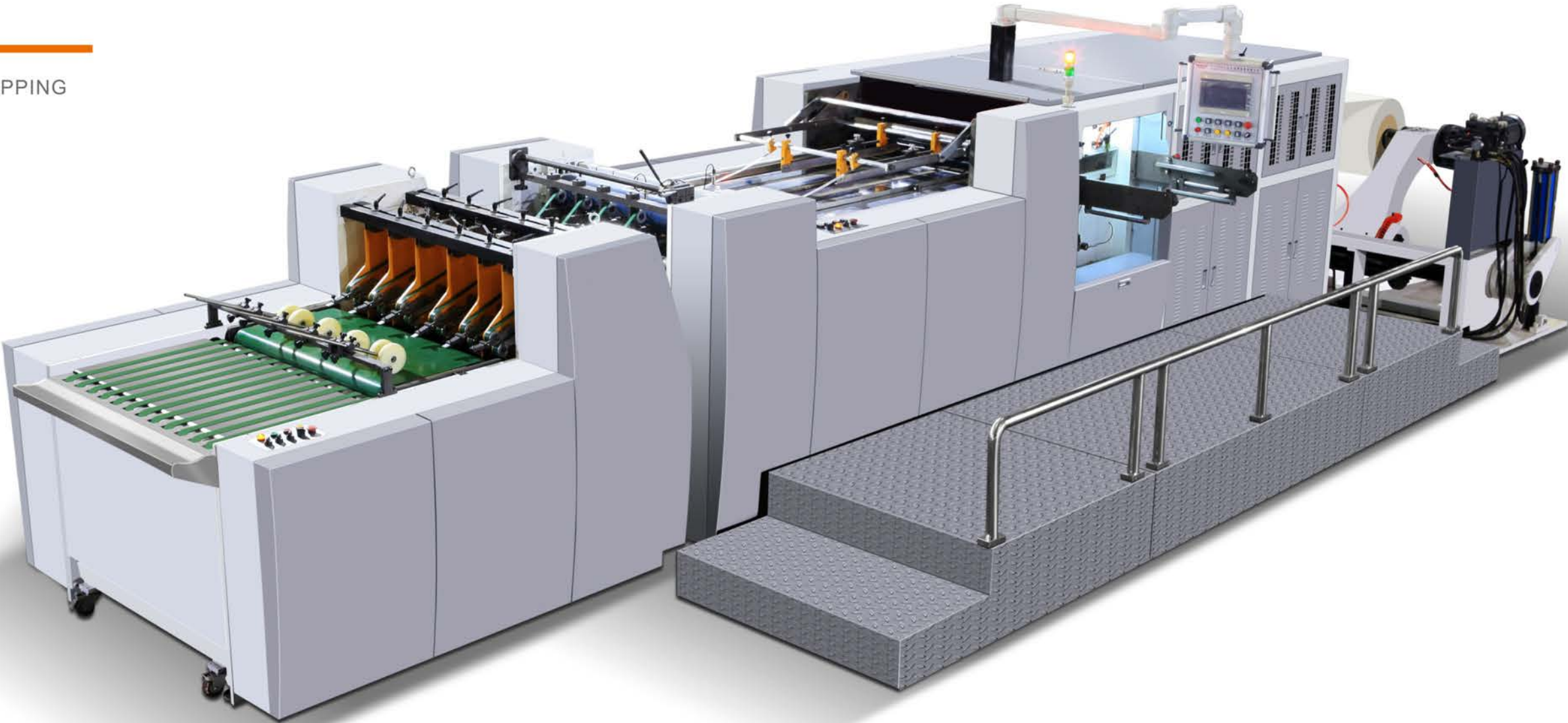
ROYO MACHINERY

PY-950S/1100S/ 1200S/1300S

PY SERIES AUTOMATIC FULL-STRIPPING
ROLL DIE-CUTTING MACHINE



PY Automatic Full-stripping Roll Die
Cutting Machine can complete full steps
from roll to finished product including die
cutting, creasing, stripping and
collection. It is an ideal equipment for
producing paper cups fan, paper boxes,
cards etc of post-press packaging.
Easy and safety operation, High
efficiency,



Technical Parameters

MODEL	PY-950S	PY-1200S
Precision	± 0.10mm	± 0.10mm
Capacity	90-150 times/min	90-150 times/min
Max cutting size	950 x540mm	1200 x640mm
Max feeding Width	950mm	1200mm
Suitable Material	120-600g/m ² Pe coated paper, cardboard paper, Kraft paper etc	
Maximum Pressure	350T	350T
Total Power	30KW	32KW
Weight	12000kgs	14500kgs
Overall Dimension	10000 x 4000 x 2000 mm	10200 x 4250 x 2000 mm
Working Air Source	Air pressure 0.5-0.7Mpa	Air pressure 0.5-0.7Mpa



DIE CUTTING & CREASING



FULL STRIPPING



COLLECTING



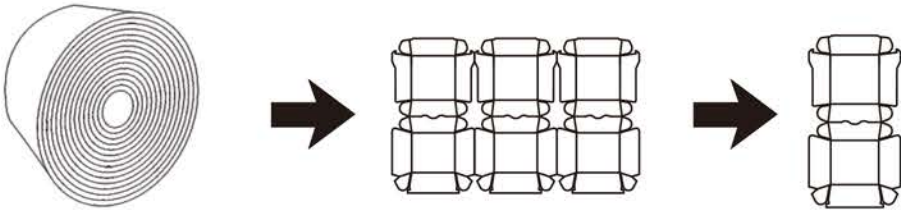
SCRAPS CONVEYOR



IMPORTED ELECTRIC



SERVO DRIVE

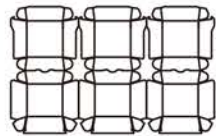
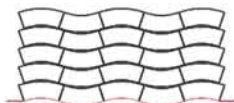
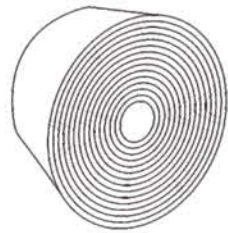


PY950/1100/ 1200/1300

PY SERIES HIGH SPEED ROLL
DIE-CUTTING MACHINE

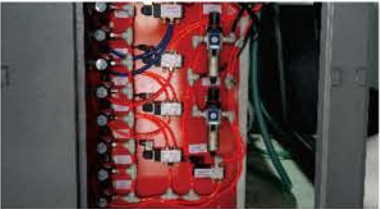


PY series high speed roll die-cutting machine is an ideal and professional machine in die-cutting, creasing, embossing and full-stripping various PE coated paper, normal paper, corrugating paper and plastic material.



Technical Parameters

MODEL	PY-950	PY-1200
Paper Convey Width:	250mm-950mm	250mm-1200mm
Max Roll paper diameter	1800mm	1800mm
Cut Precision:	± 0.10mm	± 0.10mm
Production capacity	150-210 times/min	150-210 times/min
Maximum cutting size:	950 x540mm 950x640mm(optional)	1200x640mm 1200x750mm(optional)
Suitable Material:	120-600g/m2 white cardboard, PE coated paper, Kraft papeetc	
Maximum Pressure:	350T	350T
Power:	14.5KW	14.5KW
Total Weight:	6200kgs(standard); 7800kgs(heavy)	8400kgs(standard) 10000kgs(heavy)
Overall Dimension:	4200 x 2100 x 1850 mm	4200 x 2300 x 1850 mm
Working Air Source:	Air pressure: 0.6Mpa; Working air: 0.3m³/min;	



PNEUMATIC CONTROLLER CENTRE



CONNECTED DIRECTLY



FEEDING BALANCE ADJUSTMENT



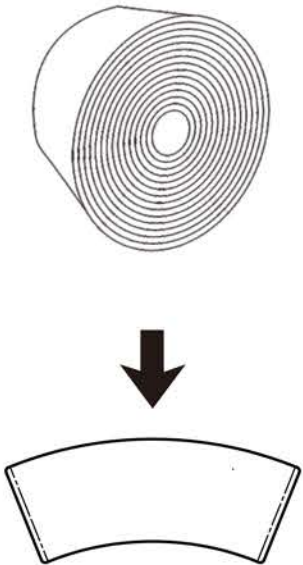
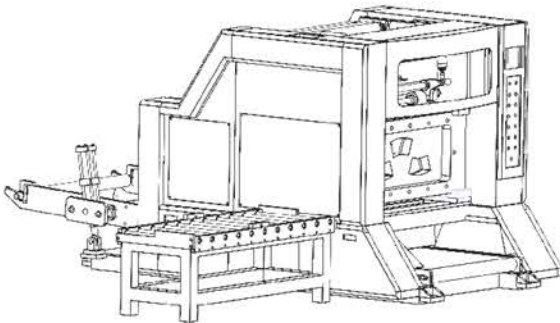
EXTERNAL LUBRICATION

JTCQ-D900/1200

HIGH SPEED ROLL PUNCHING MACHINE



JTCQ-D Roll automatic punching machine is a good choice for punching paper cup fan, paper lid with different sizes by changing molds. High speed and good performance with stripping. It is a good partner for the flexo printing machine.

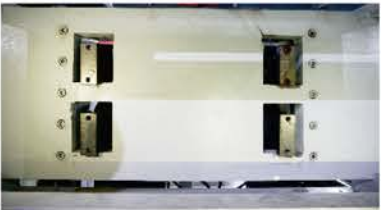


Technical Parameters

Type	JTCQ-D
Precision:	± 0.10mm
Capacity	Metal mold (Germany): 300-380 times/min Metal mold (Japan) : 200-240 times/min
Metal mold life	Metal mold (Germany) : 60.000.000 times Metal mold (Japan) : 20.000.000.times
Max die cutting size	850 × 350mm; 1150 × 350mm (optional)
Suitable Material:	120-450g/m2 PE coated paper, white cardboard paper
Power:	9KW
Weight:	3580 KGS
Overall Dimension:	3200 × 1800 × 1600mm
Working Air Source:	Air pressure 0.4-0.5Mpa



NEW REVERSE BENDING



NEW DRIVING SYSTEM



AUTO STRIPPING AND COLLECTING



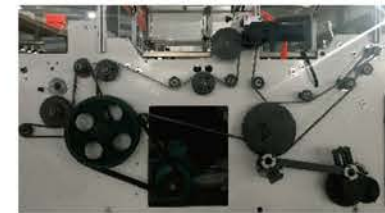
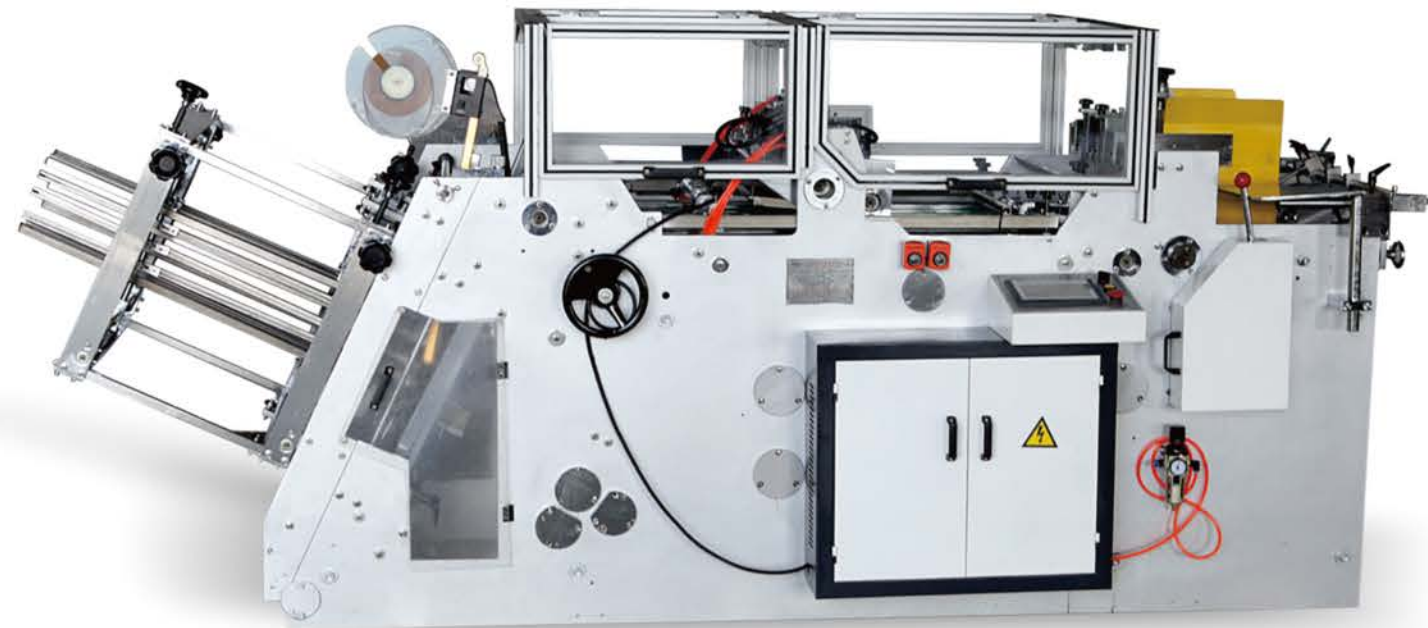
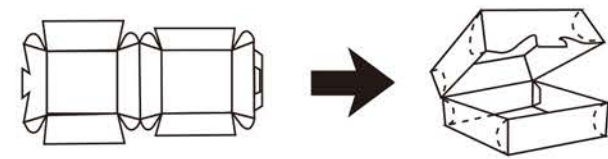
HIGH QUALITY METAL MOLD

HBJ-D800/1200

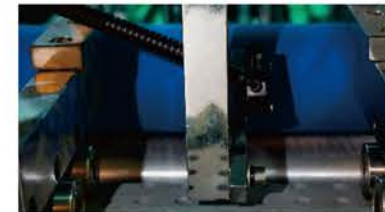
PAPER CARTON ERECTING MACHINE



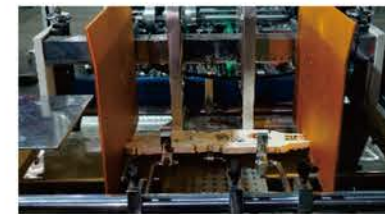
HBJ-D is an ideal choice to produce
hamburger boxes, chips
boxes, takeout container, etc.



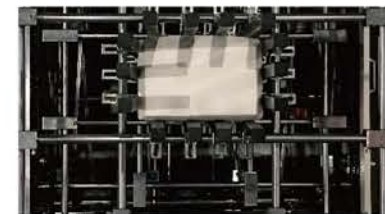
GEAR AND CHAIN DRIVING



SENSOR DETECTION



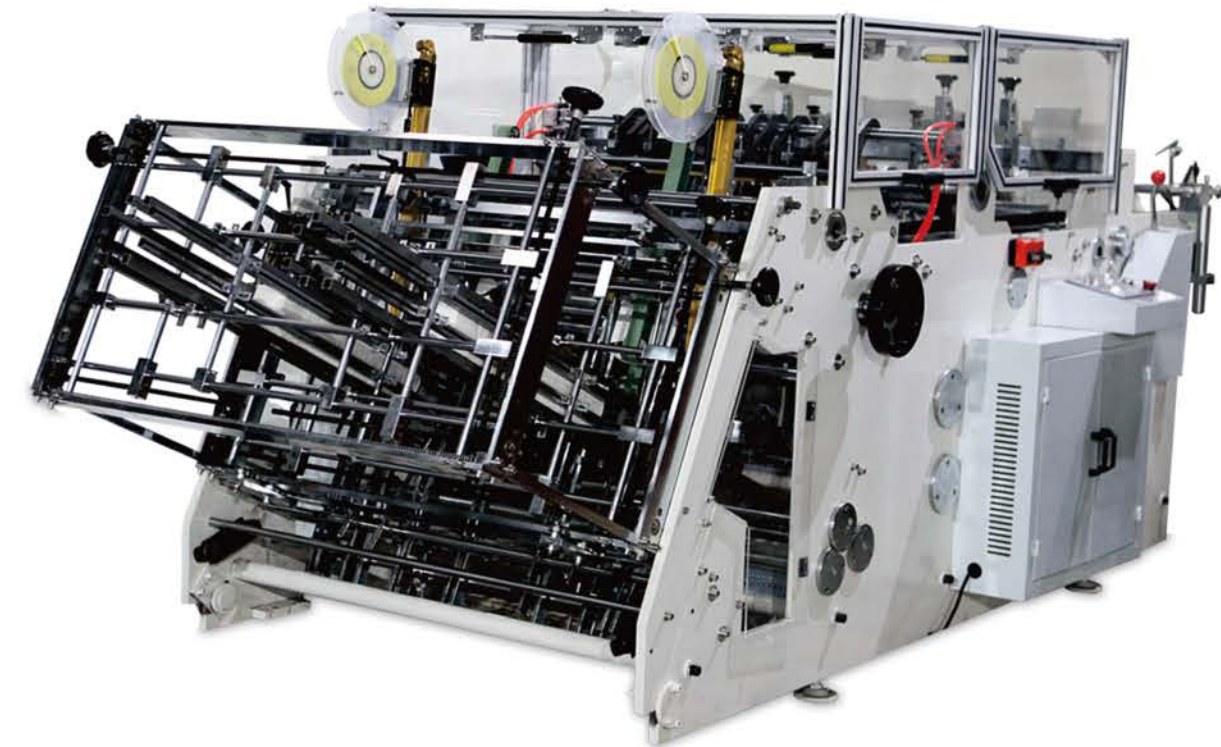
VACUUM SUCKING & SERVO MOTOR FEEDING



FORMING AND COLLECTING PART

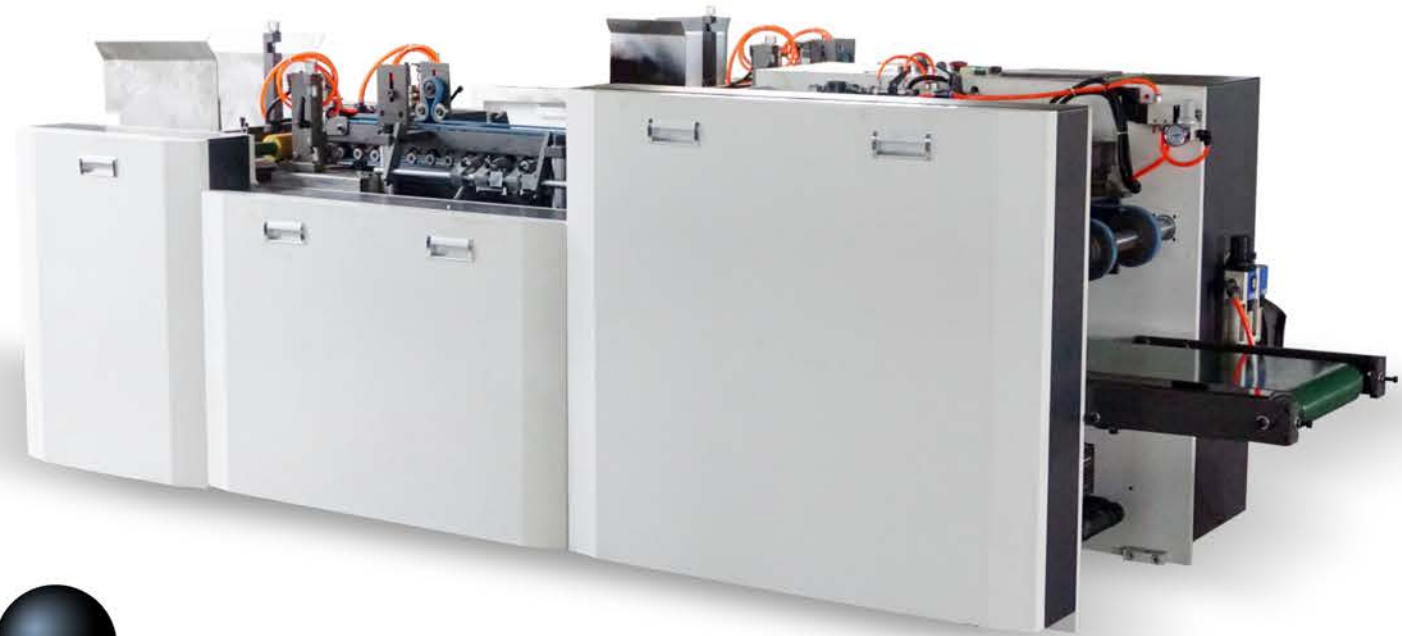
Technical Parameters

MODEL	HBJ-D800	HBJ-D1200
productivity :	50-180 pcs/min	80-320 pcs/min
material :	200-600g/m ² white cardboard; PE coated paper; corrugated paper : thickness: 1.5mm	
power source :	380V 50HZ	380V 50HZ
total power :	5KW	6.25KW
length :	L 100-450mm degree : 5°-40°	L 100-450mm degree : 5°-40°
width :	W100-600mm hight : H 15-200mm	W100-400mm hight : H 15-200mm
packing size :	3600x1400x1700mm	3600x1850x1700mm
weight :	1800kgs	2800kgs

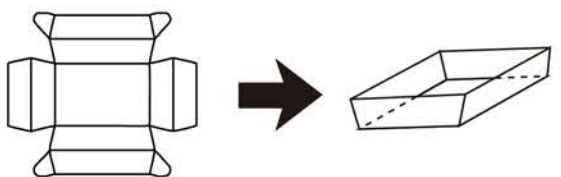


HBJ-D300

AUTOMATIC PAPER CAKE TRAY FORMING MACHINE
(FOLDING ,GLUING,FORMING)



HBJ-D300 automatic paper cake tray forming machine is an ideal and professional machine in gluing,hot melt gluing,and forming. It applies to sandwich box,cake tray, pastry tray, salad box.



Technical Parameters		
Model	HBJ-D300	
Production capacity	20--45	pcs/min
Suitable Material	220-400g/m2	card paper,PE coated paper
Total Power	3KW	
Total Weight	1200kgs	
Overall Dimension	2600 x1500 x 2100 mm	
Power source	380V 50HZ	



FOLDING PART



VACUUM SUCKING & SERVO MOTOR FEEDING



FINISHED EFFECT DRAWING

Technical Parameters

Model	CHJ-D60	CHJ-D120
Max Forming Depth	60mm	120mm
Production capacity	30~45 (pcs/min)	30~40 (pcs/min)
Suitable Material	200-400g/m2 (single or double PE coated paper)	
Total Power	4kw	6kw
Total Weight	1250kgs	1750 kgs
Overall Dimension	2200X1100 X1700mm	2800X 1100 X1700mm
Power source	380V 50HZ	380V 50HZ

CHJ-D60/120 is an ideal choice which adopts mechanical driving system to produce lunch box,take away box,noodle pail,and food trays.It is suited for PE coated paper.



PAPER FEEDING



HEATING

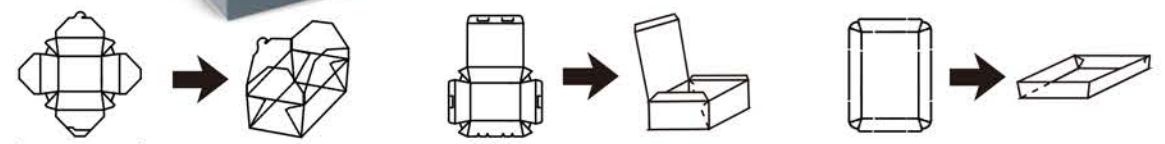


FORMING

ROYO MACHINERY

CHJ-D60/120

PAPER LUNCH BOX FORMING MACHINE
(MECHANICAL DRIVING & HEAT SEALING)



HBJ-D2000

HIGH - SPEED STEREO CARTON FORMING MACHINE



This machine is an ideal choice of gluing and folding the hamburger box, take away box, noodle pail and other food containers.

EQUIPMENT DETAILS



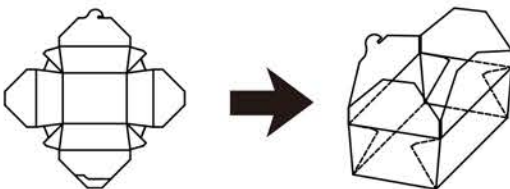
PAPER FEEDING

FORMING



COLLECTING

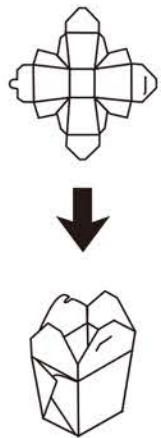
box



Technical Parameters	
Model	HBJ-D2000
Productivity	100-300 pcs/min
Material	200-600g/m ² corrugating paper thick :1.5mm
Power source	380V 50HZ
Total power	3KW
Lengh	L 100-450mm degree:5°-40°
Width	B 100-600mm hight:H 15-200mm
Dackage size	2300 x 2200 x 2100 mm
Weight	2200kgs



Technical Parameters	
Model	HBJ-D400
Production capacity	20-45 pcs/min
Box size	16-32oz takeaway pail
Suitable Material	220-400g/m ² card paper, PE coated paper
Length	L2200-420mm, degree:5°-40°
Width	B220-420mm hight H80-200mm
Total Power	3KW
Total Weight	1500kgs
Overall Dimension	2600 x1500 x 2100 mm
Power source	380V 50HZ



ROYO MACHINERY

HBJ-D400

AUTOMATIC WIRE BOX FORMING MACHINE

HBJ-D is an ideal choice to produce wire handle takeaway pail, hamburger boxes by sucker paper feeding, wire handle forming, box forming, finished product collect. Make the wire handle and the box forming at the same time.



ZSZB-D

AUTOMATIC MEDIUM SPEED PAPER CUP FORMING MACHINE



ZSZB-D model automatic paper cup forming machine is the latest model which use the high level technical to improve,use the interval paper feeding,ultrasonic(heater)sealing,robot hand cup body transfer,oiling,bottom punching,bottom folding,pre-heating,knurling,cup collection to form the cups,whole machine use the single shaft driving system,open cam system, and gear driving,automatic oil lubrication, machine use the sensor alarming system, it is a idea machine based on old model(three plates chain driving machine model)

EQUIPMENT DETAILS



OPEN CAM



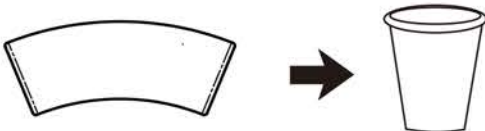
GEAR DRIVING



INDIVIDUAL CAM CONTROL



SENSOR DETECTION SYSTEM



Technical Parameters	
型号Model	ZSZB-D
Available Size	2.5-12 oz if the cup is more than 12oz,the machine designed more larger)
Required Paper	150-380g/m² 200-380g/m² PE coated paper
Rated Productivity	70-90pcs/min
Power Source	380V 50Hz
Total Power	8kw
Weight	2000kgs
Packing size	2200×1200×1700 mm
Air Required	Work pressure : 0.6MPa Air Flow : 0.6m³/min

Technical Parameters

Model	ZB-D
Available Cup Size	2.5-12 oz if the cup is more than 12oz the machine designed more larger)
Suitable Paper weight	150-300g/m² single PE coated paper
Speed Of Making Parper Cups	50-70pcs/min
Power Source	380V 50Hz
Total Power	4KW
Whole Machine Weight	2000kgs
Packing size	2600×1350×1700mm

ZB-D paper cup machine is the automatic environmental machine with multi-running positions.This machine runs a whole procedure of paper-feeding,cup fan sealing,oiling,bottom punching,heating,knurling and curling.It is an idea equipment for producing drinking cups,market cups,coffee cups,advertising cups,etc.It is widely used for hot drink and beverage If making double pe-coated paper cups or paper gram higher than 250gram,we suggest to use ultrasonic paper cup machine



longitudinal shaft driving



detection system



automatic lubrication



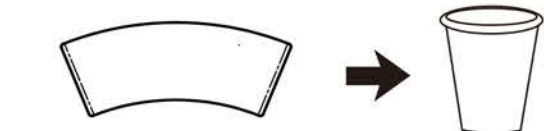
organ sucker



open cam



gear driving



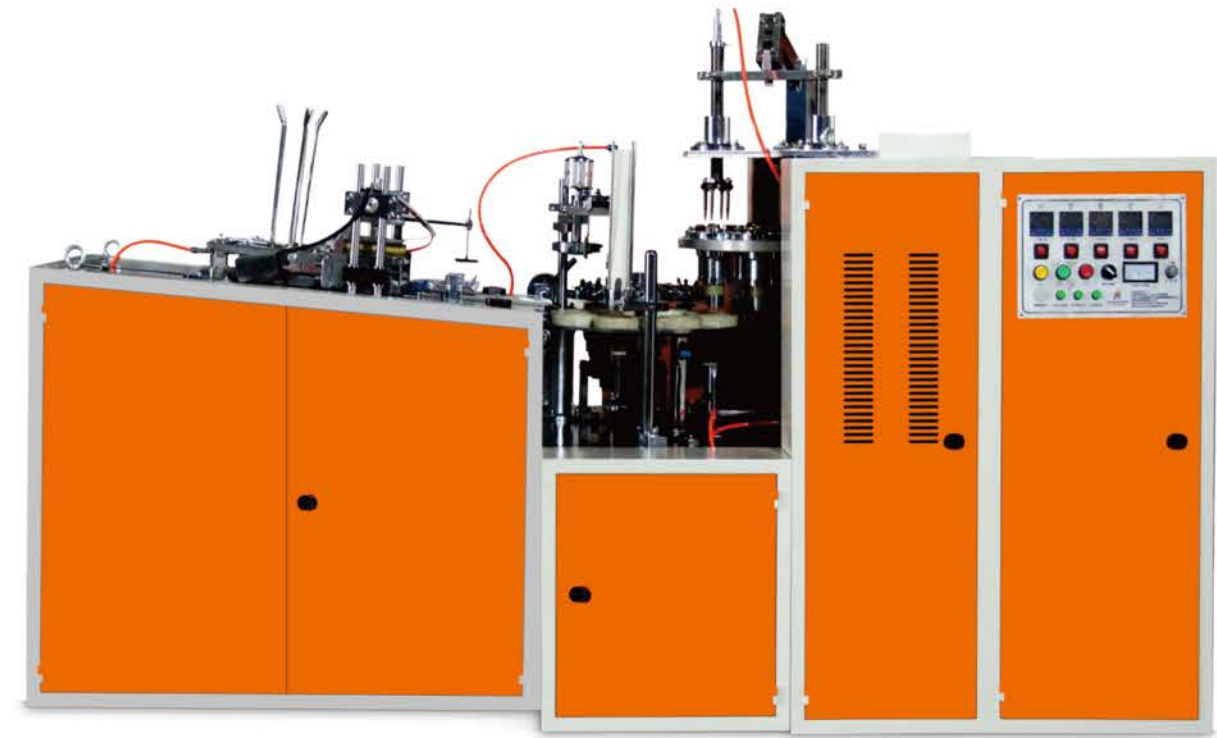
ROYO MACHINERY

ZB-D

AUTOMATIC PAPER CUP FORMING MACHINE

ZW-D

AUTOMATIC PAPER BOWL
FORMING MACHINE



Technical Parameters	
Model	ZW-D
Bowl size:	20-50 ounces and others
Required paper:	150-300g/m Single and Double sides film coated paper
Rated productivity:	35-50pcs/min
Electrical supply:	220V 50Hz or 380V 50Hz
Total power	6kw
Weight:	2200kgs
Overall dimensions(L×W×H):	2900×1500×1800mm



ZW-D paper bowl machine is the automatic environmental machine with multi-running positions. This machine runs a whole procedure of paper-feeding, cup-fan-wall sealing, oiling, bottom punching, heating, rolling, rimming, rounding, tripping and troubles warning, counting ~ etc. . It is the idea equipment for producing paper bowl, fast noodles bowl and other large paper containers. If you need double pe coated paper bowls or paper gram higher 300kg, we recommend you to add the ultrasonic set for the machine, it can produce single pe coated paper cups and double pe coated paper cups.

Technical Parameters

Model	WT-D
Paper cup(Bowl) size:	Customized Size
Required paper:	White plank paper of ash bottom(200-300m2)
Rated productivity:	40-50 pic/min
Power source	380V 50HZ or 220V 50Hz
Total power	3KW
Weight:	2000kgs
Overall dimensions(L×W×H):	2300×1500×1700mm

WT-D Double wall paper cup machine is a necessary accessory to WT-D Paper cup machine. It has advanced craft, reasonable design, automatic operation and other advantages. It can feed paper automatically, seal paper, extrude glue, unload cups, conglutinate outside paper onto the cup, alarm trouble, count, etc.



ROYO MACHINERY

WT-D

DOUBLE WALL PAPER CUP(BOWL) MACHINE



Note:
Paper cup coat(bowl): flat coat(bowl), corrugating coat(bowl), hollow coat(bowl).

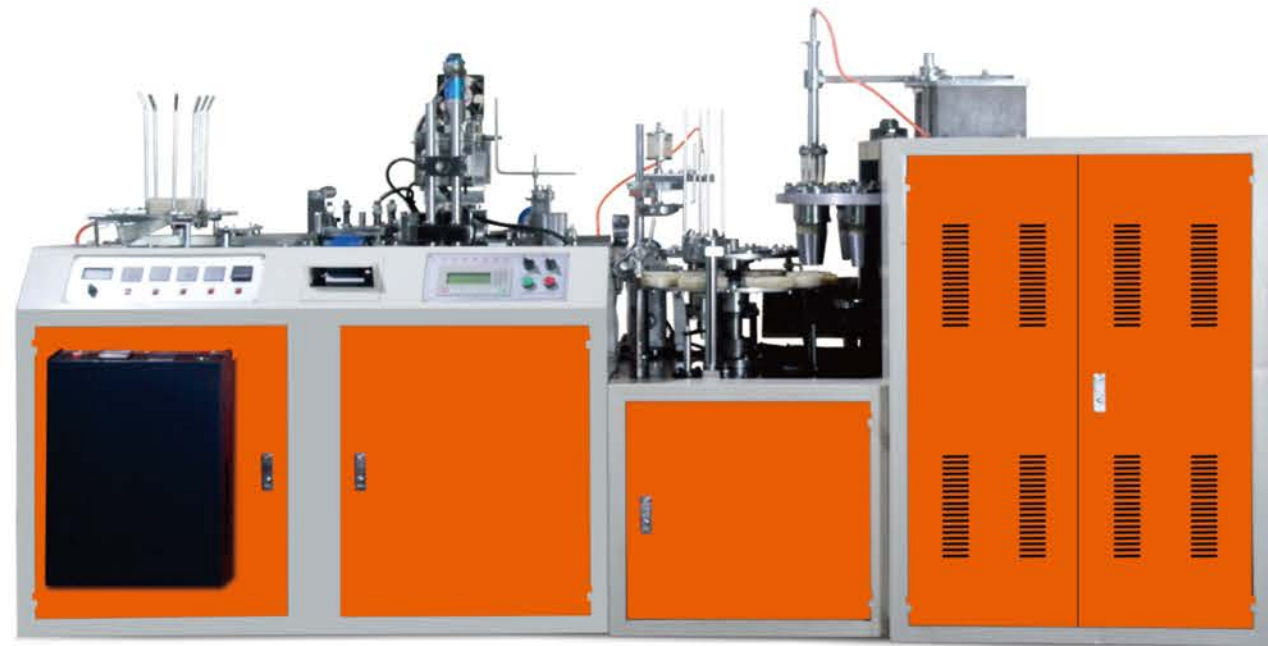
ZBNB-D

AUTOMATIC PAPER CUP HANDLE MACHINE



Technical Parameters

Model	ZBNB-D
Paper Cup Size:	3-12OZ and other size (if the cup more than 12OZ, the machines will be desiged than this.)
Suitable paper weight:	150-300g / m2 (if the paper is more than 300g,we should add the ultrasonic set to the machine) ,
Power source :	220V 50Hz or 380V 50Hz
Total power :	4KW
Productivity:	40-50pcs/min
Weight:	2000kgs
Overall dimensions(L×W×H):	2500×1500×1700 mm



Roll Paper Feeding
For Handle



Automatic Handle Cutted



Samples

ZP-D400

AUTOMATIC PAPER
PLATE MACHINE

ZP-D400 automatic paper plate machine is developed and designed by the market demand.It combines pneumatic and mechanica theory, with high speed and safty feature. The new design makes more safety operate andeasy maintenance.



ROYO MACHINERY

Technical Parameters

Model	ZP-D400
Paper plates diameter :	4-11/inch
Productivity :	25-40 individuals/min(1-Position)
Power :	220V 50HZ
Installed power :	3KW
Weight :	600 kgs
Packing size :	1430×1600×1900mm (L×W×H)
Supporting gas requirements :	work pressure :0.8Mpa Working gas : 1.5m³/min

ZP-D600

HIGH SPEED PAPER PLATE
FORMING MACHINE



Technical Parameters

Model	ZP-D600
Plate Size	4-15inch
Paper Material	100-1000g/m2
Speed	40-70 pcs/min(one line)
Power Supply	380 V 50Hz
Total Power	8KW
Weight	1400kgs
Overall Size	3700 x1200x1900mm
Compressor	working pressure 0.4MPa working gas 0.3

HSR-950

FOUR-COLOUR FLEXO PRINTING MACHINE (VERTICAL)



Description
Flexo Printing Machine RBYS-D950 Model can finish in one time from feeding paper webs,printing, automatic infrared(UV) drying.It can be equipped with ultraviolet light oven drying device.It is an ideal machine for the supermarket labels and single color self-adhesive trademarks.

- 1.Adopts ceramic mesh roller to convey ink.
- 2.Magnetic powder brake and clutch control the feeding and rolling or discharging
- 3.Each printing unit adopts 360-degree registering adjuster.
- 4.Drying group with infrared drying device.
- 5.The inking roller can depart from the machine and rotate at low speed in order to keep the ink from drying when its stops.
- 6.The main motor adopts stepless governor converter.



Technical Parameters		
Model	HSR-950	
Max feeding width	1400mm	
Printing length	190mm~420mm	
Max web width	950mm	
Max printing width	930mm	
Main motor power	5.5KW	
Power supply	380V 3PH 50Hz	
Printing speed	0-100m/min	
Paper thickness	1.7mm	
Paste version tape thickness	0.38mm	
The thickness of the substrate	180g~420g	
Overprint precision	±0. 12mm	
Total power	30KW	
Machine dimension	3*2. 8*1. 7m	
Machine weight	约(about) 5500kgs	

ROYO MACHINERY

FM-B 1020

SIX-COLOUR FLEXO PRINTING MACHINE (HORIZONTAL)

Technical Parameters		
Type	FM-B1020	
Max web width	1000mm	
Max printing width	1000mm	
Printing Repeat Length	286-1200mm	
Unwinder diameter	1524/1200mm	
Rewinder diameter	1524/1200mm	
Gearing	1/8cp	
Max printing speed	150m/min	
Base motor power	150kw-22kw	
Drying mode	A.Warm Drying b.IR Drying	
Oil used	Water Based Ink	
Power Requirement	380V 3PH 50Hz	
Substrate	40-300gsm paper roll.	



Application :
This machine is a flexo printing machine which adopts flexible photosensitive resin plates,rubber plates as the base material, anilox rollers for transferring ink,liquid ink for printing . It is controlled centrally by PLC system and generally consists of unwinding section infeed section,printing section,drying section, outfeed section,rewinding section and control section. This machine is an ideal machine for printing paper cup, carton, paper bag, paper package,and so on.