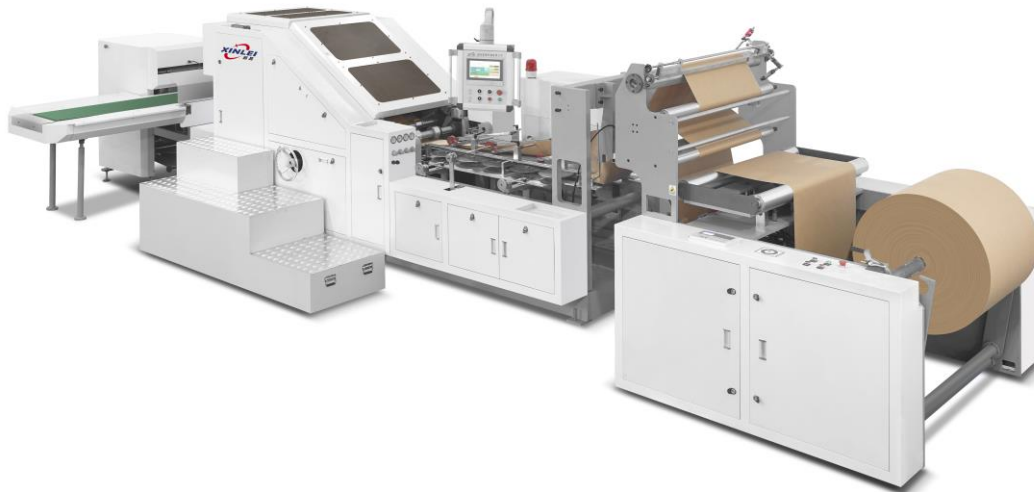


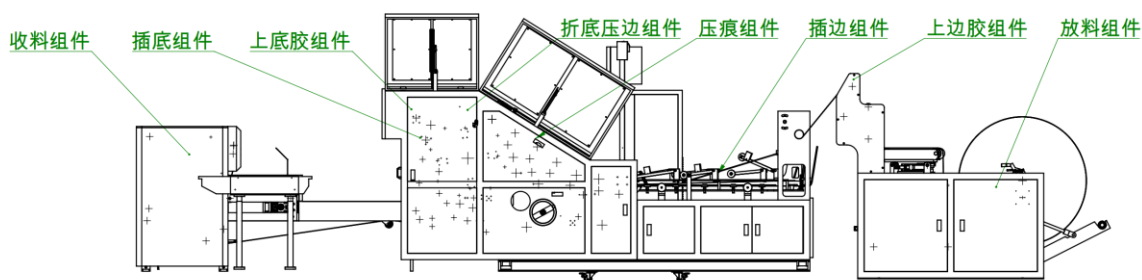
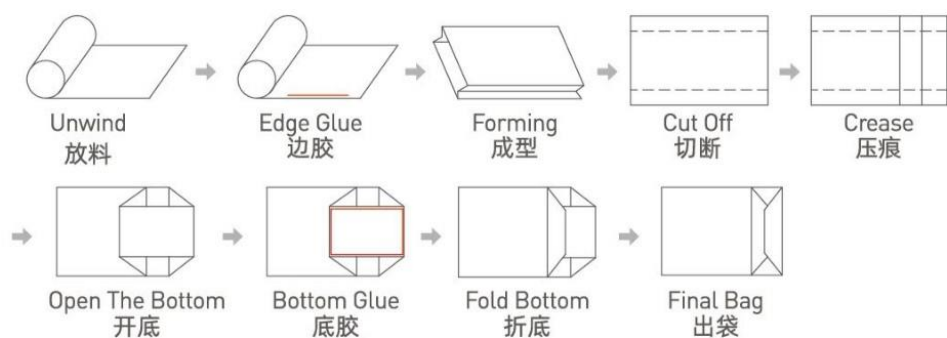
Semi automatic square bottom paper bag machine



Samples pictures:



流程图 flow chart:



Model and description		FOB price
XL-FD220 semi automatic square bottom paper bag machine		51000usd
XL-FD330 semi automatic square bottom paper bag machine		56000 USD
XL-FD450 semi automatic square bottom paper bag machine		63000 USD
Options	Online printing machine Rope/flat handle machine	
Payment	30% for deposit,70% before shipment	
Delivery time	50 days after recevining 30% deposit	

Power supply	380v 3phase normally,if you have any special requirement,we can do as your need
Installation	Ou machine all already installtion well in factory,but if you need engineer service,we also can provide egniener to your factory for machine testing and guding,but the engineer visa cost,flight cost,hotel,food,and each day 100usd salary will be on your side,
Warranty,	Machine warranty is one year,supply the free wearing parts because of quality ,we do not offer warranty for wrong operation (include changing software of PC&HMI)

性能与用途 Performance and use:

本机用于卷筒原色纸或印刷卷筒纸如牛皮纸。食品纸等纸卷由本机一次完成纸袋工艺。由自动中锋上胶、原料成筒、定长切断、底部压痕、底部折底。底部上胶、袋底成形。成品袋整理一次完成。 本机操作更方便，更高效，更稳定，是生产各种不同纸质袋、休闲食品袋、面包袋、干果袋等等环保纸袋机设备。

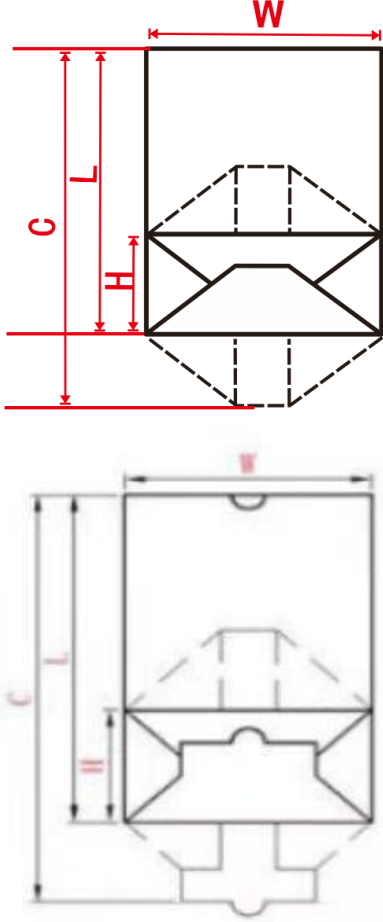
This machine is used for roll primary color paper or printing roll paper such as kraft paper. Paper rolls such as food paper are completed by this machine at one time. Automatic center gluing, raw material into tube, cut to length, bottom indentation, bottom folding. Glue on the bottom and shape the bottom of the bag. Finished bag finishing is completed at one time. This machine is more convenient to operate, more efficient and more stable. It is an environmentally friendly paper bag machine equipment that produces various paper bags, snack food bags, bread bags, dried fruit bags, etc.

主要特点 main feature:

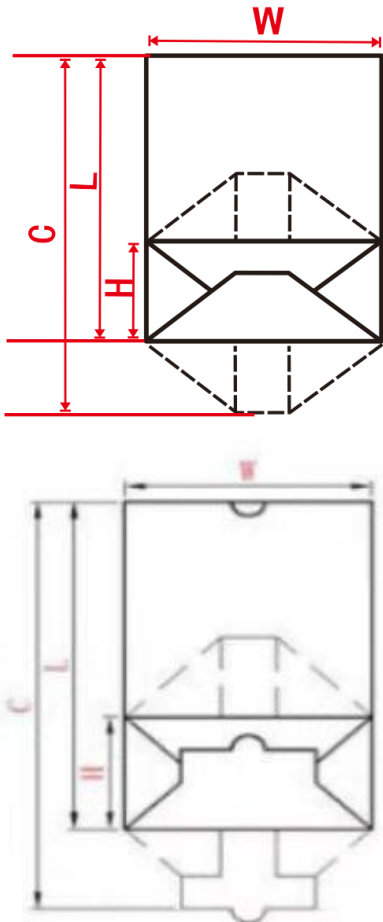
- 1 采用威伦触摸屏人机界面，操作功能一目了然，便于掌控。
- 2 采用日本原装三菱运动控制器，通过与光纤一体化，保证高速运行稳定。
- 3 采用日本三菱伺服电机搭配德国施克色标电眼修正，精确跟踪印刷袋尺寸。
- 4 原料装卸采用液压动升降结构，放卷采用全自动恒张力控制。
- 5 原料纠偏采用伺服电机，降低纸卷对位调整时间。

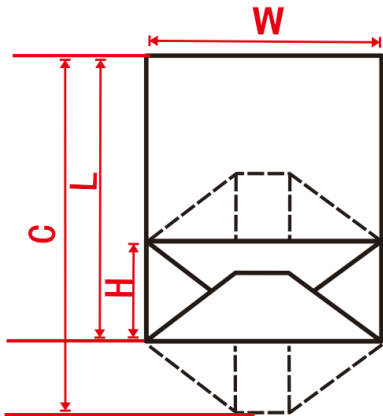
1. Using **Willon touch screen** man-machine interface, the operation function is clear at a glance, easy to control
2. Adopt the **Japanese original Mitsubishi motion controller**, through the integration with the optical fiber, operation stability
3. **Japanese Mitsubishi servo motor with German Schick color** standard eye correction, accurate tracking printing bag size
4. The raw material loading and unloading adopts **hydraulic dynamic lifting structure**, and the unwinding adopts automatic constant tension control.
5. The raw material correction adopts **servo motor** to reduce the adjustment time of paper roll alignment.

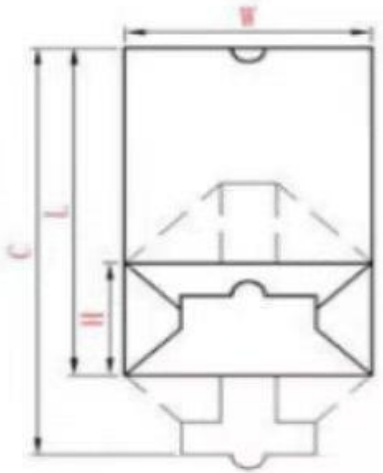
Technical parameter

Model	XL-FD220	
Paper bag length(C)	190-430mm	
Paper bag width(W)	80-220mm	
Paper bag bottom width(H)	50-110mm	
Paper thickness	50-150g/m²	
Paper bag speed	30-200 pcs/min	
Paper roll width	290-710mm	
Roll paper diameter	Φ1300mm	
Inner diameter of paper	Φ76mm	
Machine power	3 phases 4 wires 380V 15kw	
Machine weight	6000kg	
Machine size	8200x3500x2200mm	

Model	XL-FD330	
Paper bag length(C)	270-530mm	
Paper bag width(W)	120-330mm	
Paper bag bottom	60-180mm	

width(H)		
Paper thickness	60-150g/m²	
Paper bag speed	30-180 pcs/min	
Paper roll width	380-1050mm	
Roll paper diameter	Φ1300mm	
Inner diameter of paper	Φ76mm	
Machine power	3 phases 4 wires 380V 15kw	
Machine weight	8500kg	
Machine size	10000x3700x2200mm	

Model	XL-FD450	
Paper bag length(C)	270-530mm	
Paper bag width(W)	220-430mm	
Paper bag bottom width(H)	90-180mm	
Paper thickness	80-150g/m²	
Paper bag speed	30-150 pcs/min	
Paper roll width	660-1290mm	

Roll paper diameter	Φ1300mm	
Inner diameter of paper	Φ76mm	
Machine power	3 phases 4 wires 380V 15kw	
Machine pressure	0.5mpa-0.8mpa	
Machine weight	9000kg	
Machine size	10000x3800x2200mm	

机器配置 machine configuration :

控制系统 Control System			
名称 Name	数量 QTY	产地/ Original	品牌 Brand
CPU 编程控制器 CPU Program Controller	1	日本 japan	三菱 Mitsubishi
人机界面触摸屏 Human-computer touch screen interface	1	中国 china	繁易 fanyi
印刷跟踪光电眼 Photoelectric eye for printed-bag tracking	2	德国 Germany	西客 sick
低压电器 Low voltage electrical apparatus	4	法国 france	施耐德 schneider
光电传感器 Photoelectric sensor	5	日本 japan	松下 Matsushita
气动元件 Pneumatic component	8	中国台湾 Taiwan	亚德客 air tac
自动润滑油 Auto lubricating	1	中国 China	
电源滤波器 Main power filter	1	中国 China	

电机变频器 Motor frequency converter	2	瑞士 Switzerland	ABB
伺服驱动器 Servo Motor	2	日本 japan	三菱 Mitsubishi
伺服电源 Servo Power	2	日本 japan	三菱 Mitsubishi
主机伺服 Host server	1	日本 japan	三菱 Mitsubishi
牵引伺服 Traction servo	1	日本 japan	三菱 Mitsubishi
收袋三相异步电机	1	中国 china	选配 optional equipment
放卷 纠偏、张力控制系统 Deviation correction and tension control system			
名 称 Name	数 量 QTY	产地 Original	品牌 Brand
纠偏控制器 EPC controller	1	中国 china	恩瑞斯 enruis
伺服纠偏电机 Servo motor for EPC	1	中国 china	恩瑞斯 enruis
超声波感应器 Ultrasonic sensor	1	中国 china	恩瑞斯 enruis
磁粉制动器 Magnetic powder brake	1	中国 china	中倍 zhongbei
磁粉自动张力系统 Automatic Tension System of Magnetic Powder	1	中国 china	中倍 zhongbei
自动液压上料电机 Automatic Hydraulic Feeding Motor	1	中国 china	顶铭 dingming
上料液压油缸 Feeding hydraulic cylinder	2	中国 china	顶铭 dingming
传动 Transmission			
名 称 Name	数量 Qty	产地 Original	品牌 MTED
同步带 Synchronous belt	2	中国 China	巨隆 julong

同步轮 Synchronous wheel	4	中国 China	巨隆 julong
轴承 Bearing	213	日本 japan	NSK
导辊 Guide roller	9	中国 China	BAIXIAO
齿轮 Gear	23	中国 China	
胶水部位 Glue position			
名 称 Name	数量 Qty	产地 Original	品牌 MTED
底部胶（糊底白乳胶） Bottom glue (bottom-sealing white latex)	2	中国 china	
底部匀胶电机 Motor for bottom glue evening	1	中国 china	
自动气动灌胶阀 Pneumatic auto glue filling valve	1	中国 china	
边胶 Side glue	1	中国 china	
底胶胶位检测 Glue Glue Position Detection	1	中国 china	
中锋水性喷胶枪 Spraying gun for center sealing (dense adjust Glue gun)	1	中国 china	
水性白乳胶高压喷胶桶 High-pressure glue barrel for white latex	1	中国 china	

This model mainly equipped with the following:

品质说明 Quality description	配置图片 Configuration picture
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***1.** 采用界面控制系统， 操作功能一目了然。
Using the touch screen man-machine interface control system, operating at a glance.



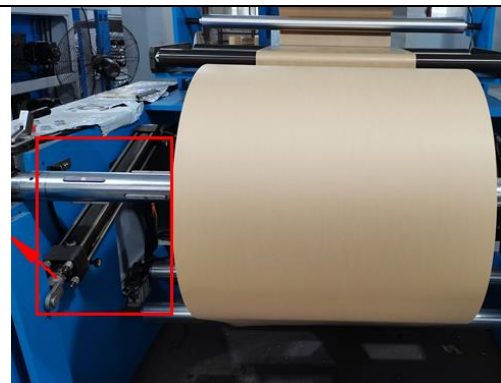
***2.** 凸键式气胀轴放卷， 上下料方便， 只要充气
和放气就可以收紧
**Raised key air shaft unwind, Easy to load
and unload, just inflate and deflate to
tighten**



***3.** 自动计数和收纸袋， 同时可以对纸袋进行定
量分组
**Automatic counting and delivery of paper
bags, and quantitative grouping of paper
bags**



***4.** 油缸/液压缸， 控制上料下料
**Oil cylinder/hydraulic cylinder to control
loading and unloading**



***5.** 热熔胶箱， 主要用于纸袋的边的粘合
**Hot melt glue box, mainly used for bonding
the edges of paper bags**



***6. 张力控制器，控制收放卷的松紧**
Control the tightness of the rewinding and unwinding



***7. 纠边控制器，防止纸走偏，自动纠正**
Prevent paper deviation and automatically correct



***8. 液压站，给油缸提供动力的**
Hydraulic station, which provides power to the cylinder



***9. 边胶头，配合热熔胶箱喷胶，气泵提供动力**
Side glue head, cooperate with hot melt glue box to spray glue, air pump provides power



***10.** 传动侧，控制纸袋的成型，切断，压痕，开底，折底

gear transimission side, control the forming, cutting, creasing, bottom opening and bottom folding of paper bags



***11.** 纠边传感器，检测纸有没走偏,如果走偏了,会自动纠正

Edge correction sensor, to detect whether the paper is deviated, if it is deviated, it will be automatically corrected



***12.** 固定模板的架子

shelf for fixing the formwork



***13.** 插边装置, 纸袋“M”边成型,这里可以调节纸袋的宽度通过更换一些配件

gusset device, paper bag “ M ” side forming, Here you can adjust the width of the paper bag by changing some parts



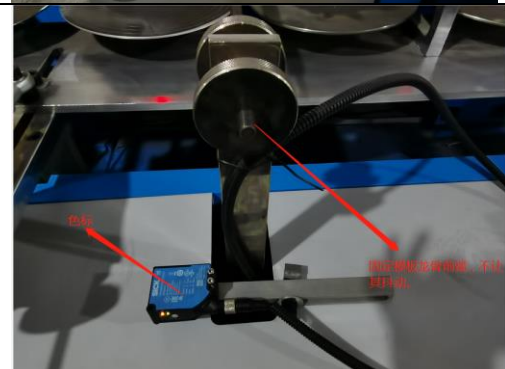
***14.** 控制牵引辊气缸压力及状态

Control the pressure and state of the pulling roller cylinder



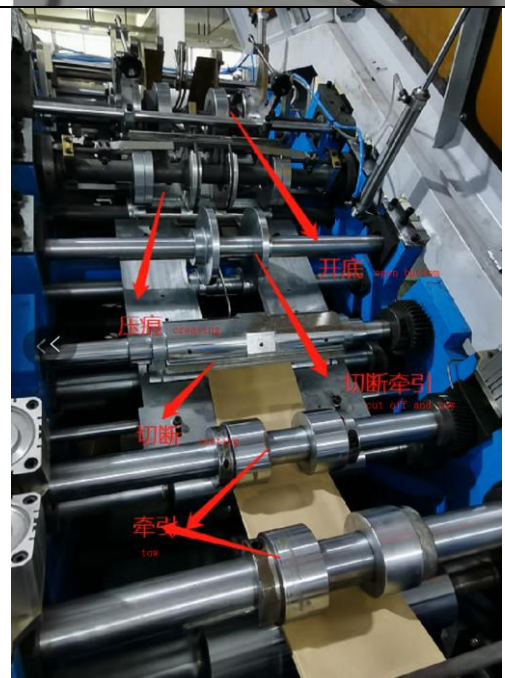
***15.** 色标, 自动调节袋子长度

SICK Color sensor, automatic adjustment of bag length



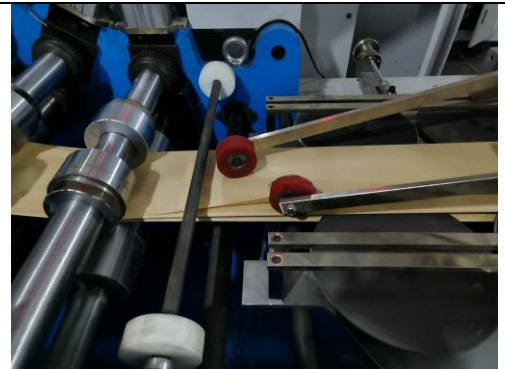
***16.** 袋子牵引, 切断, 压痕, 开底部分

Bag pulling, cutting, creasing, open bottom part



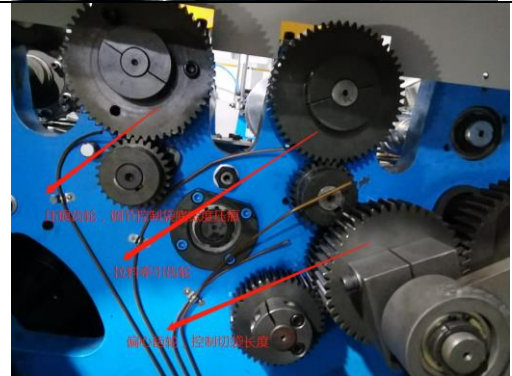
***17. 纸袋形状成型部分**

Paper bag shape forming part



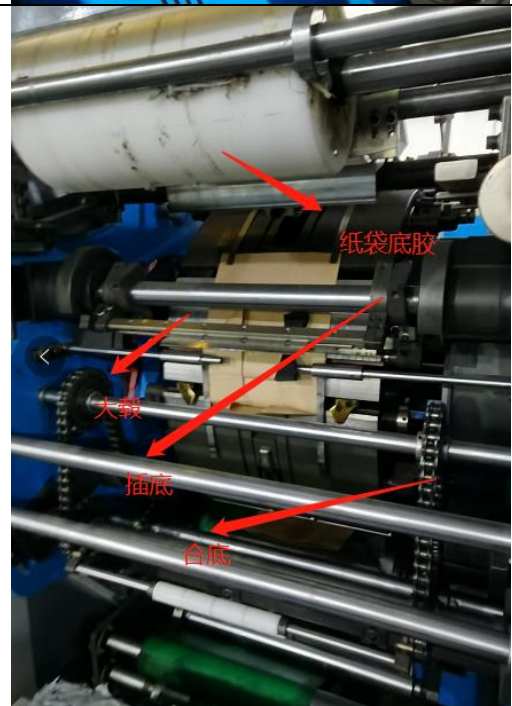
***18. 这里是压痕齿轮（调节纸袋宽度压痕），拉料牵引齿轮，偏心齿轮（控制切袋长度）**

Here is the creasing gear (adjust the width of the paper bag indentation), the pulling gear, the eccentric gear (control the length of the cutting bag)



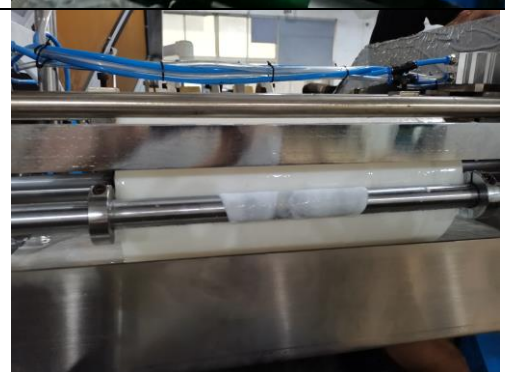
***19. 这里是负责纸袋底胶，大毂，插底和合底部分**

Here is the part responsible for the bottom glue of the paper bag, the big hub, Insert bottom and sealing bottom



***20. 纸袋底胶部分**

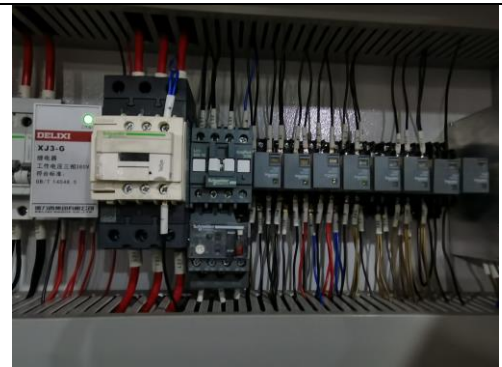
Paper bag bottom glue part



***21. 电器部分 (施耐德), 控制主电源, 控制主伺服电机, 控制牵引伺服电机, 控制液压站电机**
Electrical part (Schneider), control the main power supply, control the main servo motor, control the traction servo motor, control the hydraulic station motor



***22. 控制机器上的伺服电机**
Schneider electric parts, control machine servo motor parts



***23. PLC 控制**
MITSUBISHI ELECTRIC for PLC control



***24. 运动控制器**
Motion Controller



***25. 变频器**
MITSUBISHI ELECTRIC for Inverter



***26. 电子变压器（伺服变压器）**
Electronic Transformer (Servo Transformer)



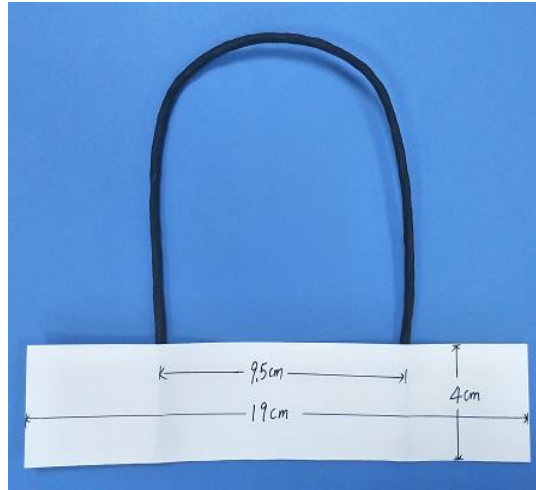
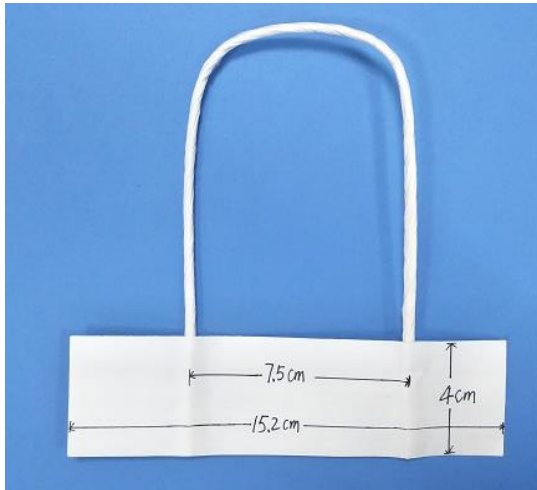
OPTIONAL MACHINE:

1. automatic paper rope handle making and pasting machine

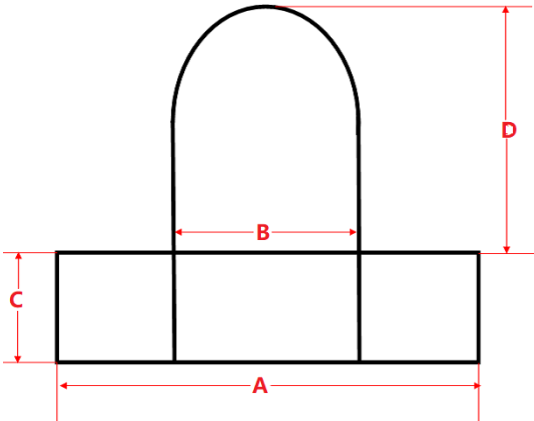


This machine designed to work with our paper bag machine, can produce paper rope handles and then stick the handles to paper bags to make paper bag with handle in line. This machine takes two narrow paper rolls and one paper rope roll as raw material, sticks paper belts and paper rope together, which will be cut off gradually to form paper handles. In addition, the machine also has automatic counting and gluing functions, which can greatly improve the efficiency of subsequent processing operations of users.

Products Picture



Specification:

Handle length (A)	152/190mm	
Rope spacing(B)	75/95mm	
Paper width(C)	30/40mm	
Paper rope length	360mm	
Paper rope height(C1)	100mm	
Rope diameter	Φ2.5~5mm	
Bag width	250-400mm	
Bag height	250-450mm	
Top opening size	Over 130mm	
Production speed	30-35 pcs/min	
Servo motor power	750W	
Total power	380V, 10KW, 50HZ	
Overall dimension	L6000*W1600*H1500mm	
FOB ningbo price	37000usd with hot melt glue box	



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2.flexo printing machine inline



一：控制部分 CONTROL PART

1. 主机变频器控制
2. 减速电机单独运墨 4 组

1. Main motor frequency control,power:

2 Reduce motor separate

二：印刷部分 PRINTING PART



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1. 气动起落版，停机自动起版后自动运墨，开机报警启动自动落版印刷。
 2. 上墨由陶瓷网纹辊封闭式钢刮刀刮墨，墨泵循环油墨。
 3. 360°连续纵向对花，精度高达±0.1mm
 4. ±20mm 横向可调对花
 5. 手动调节上墨压力与压印压力。
1. Pneumatic lifting and lowering printing plate cylinders auto lifting plate cylinder when the machine is stopped. After that can run ink automatically. When the machine is opening,it will make alarm to start the auto lowering plate printing cylinder.
 2. Inking with ceramic anilox chambered doctor blade ,ink pump circulation
 3. High precision planetary gear oven 360°circulation longitudinal register
 4. ±20mm transverse register
 5. Adjust inking press and printing pressure press by manual

三：烘干部分 DRYING PART

1. 采用外制加热管加热，温度显示表显示，电流控制，离心风机送风。
1. Adopt with external heating pipe, temperature display, electric current control,centrifugal blower bring the wind

四：配件说明：

序号	配件名称 Name	产地 Origin
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1	主机 (Main motor 4KW)	国产 CHINA
2	变频器 (Inverter 4KW)	汇川 Inovance
3	运墨减速电机 (Inking reducer 40W)	国产 CHINA
4	所有低压控制开关 (All of the low voltage control switch)	施耐德 Schneider
6	主要轴承 (Main bearing)	台湾 taiwan
7	导辊轴承 (Roller bearing)	中国 CHINA

五：结构说明 STRUCTURE

1. 本机是主电机采用同步带传动硬齿面齿轮箱，齿轮箱采用同步带传动每个印刷组
高精密行星齿轮箱（360°调版）齿轮传动压印辊
2. 印刷后走料位置长，使油墨容易烘干、材料冷却好。

1. The machine adopt with synchronous belt drive and hard gear face gear box. The gear box adopt with synchronous belt drive each printing group high precision planetary gear oven(360° adjust the plate) gear driving the press printing roller
2. After printing, long running material space ,it can make the ink drying easily,better results



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六：技术参数 PARAMETERS

最大印料宽度 Max. Printing material width	800mm	1000mm	1200mm	1300mm	1400MM
最大印刷宽度 Max. Printing width	760mm	960mm	1160mm	1260mm	1360MM
印品长度范围 Printing length range	230-800mm	230-800mm	230-800mm	230-800mm	280-800mm
印刷速度 Printing speed	5-100m/min	5-100m/min	5-100m/min	5-100m/min	5-100m/min
套色精度 Register precision	≤±0.20mm	≤±0.20mm	≤±0.20mm	≤±0.20mm	≤±0.20mm
尺寸	3600X1900X2200	3600X2100X2200	3600X2180X2200	3600X2270X2200	3600X2370X2200
重量(约)	2.4T	2.7T	2.8T	3T	3.2T
功率	9KW	9KW	12KW	12KW	12KW
2 colors	13000USD	13500USD	15000USD	14500USD	15000USD
4 colors	24000USD	24500USD	25000USD	26000USD	28000USD
6 colors	35500USD	36500USD	37500USD	39000USD	

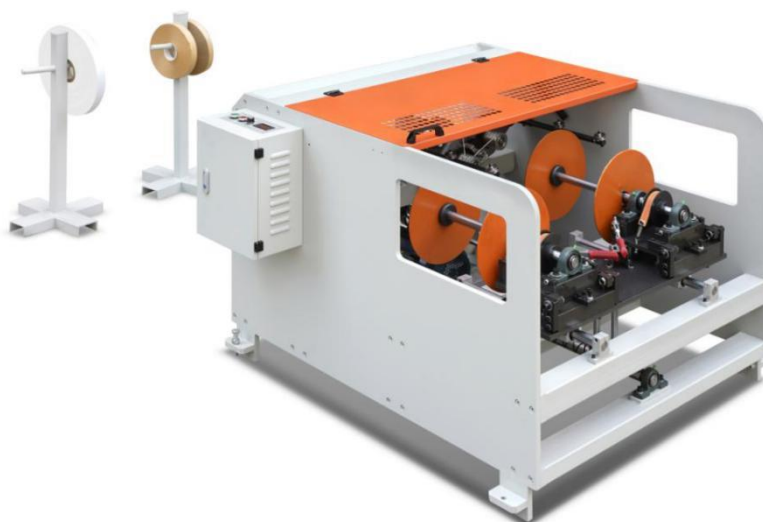
Contact person: fiona shaw email: fiona@cwenmachine.com whatsapp/wechat: +86 15068889485



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3.Round Paper Rope Twisting Machine-Two Heads



This machine mainly support high speed paper handle machine and paper bag machine. It can make paper rope in a high speed and provide paper rope for paper handle machine. The machine uses narrow web as raw material, through the high speed spinning of the axes of the machine, paper twisted into rope and kept in paper rope roll. Users can adjust the diameter of the paper rope to meet different production needs.

Specification:

Core Diameter of Raw Rope Roll	66mm
Max Paper Rope D165	450mm
Paper Roll Width	20-100mm
Paper Thickness	15-60g/m2
Paper Rope Diameter	2.5-6mm
Max. Rope Roll Diameter	300mm
Max. Paper Rope Width	300mm
Production Speed	20-40m/min
Power Requirements	220V
Total Power	1.5KW

Contact person: fiona shaw email:fiona@cwenmachine.com whatsapp/wechat: +86 15068889485



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Total Weight	Appr.300KG
Overall Dimension(L×W×H)	1580*1440*930mm

4.Round Paper Rope Rewinding Machine



This machine mainly support twisted paper rope machine. This machine takes the paper rope roll produced from twisted paper rope machine as the raw material, releases the roll on one shaft and twines it on the other shaft on the machine. This machine can not only enlarge the diameter of the paper rope roll, but also eliminate rope knots in the raw paper rope roll, so that the application efficiency of paper rope roll can be greatly improved in further productions.

Specification:

Core Diameter of Raw Rope Roll	76 mm
Core Diameter of Final Rope Roll	180 mm
Final Rope Reel Diameter	400-500mm
Max. Production Speed	80-150M/min
Power Requirements	380V

Contact person: fiona shaw email:fiona@cwenmachine.com whatsapp/wechat: +86 15068889485



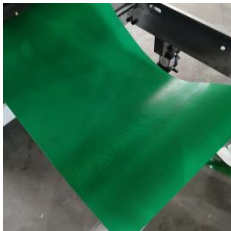
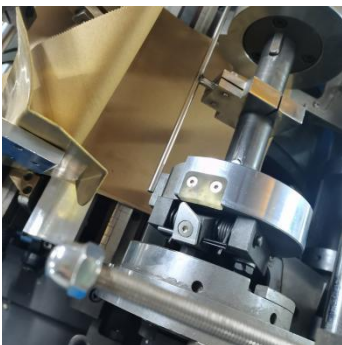
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Total Power	2.2KW
Total Weight	Appr.150KG
Overall Dimension	L1050mm×W800mm×H1200mm

Easy broken parts

NUM	名称 name	图片 picture	数量 quantity
1	输送带 belt		5
2	鼓轮机械指 drum mechanical finger		8
3	上开底机械指 Top open bottom mechanical finger		2

Contact person: fiona shaw

email: fiona@cwenmachine.com

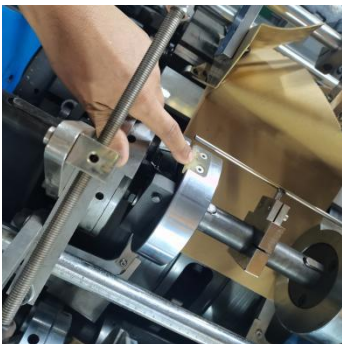
whatsapp/wechat: +86 15068889485



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4	主机裁切刀 Host cutter		1
5	压痕刀 Indentation knife		2
6	上开底尼龙块 Open bottom nylon block		2
7	摩擦轮 friction wheel		5

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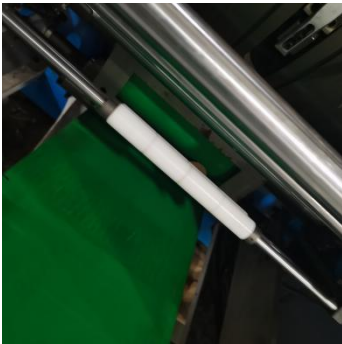
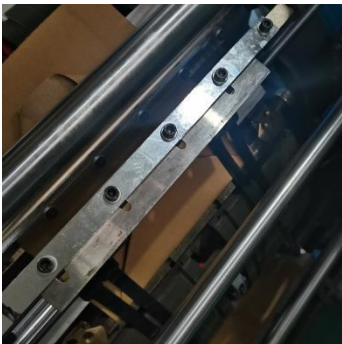
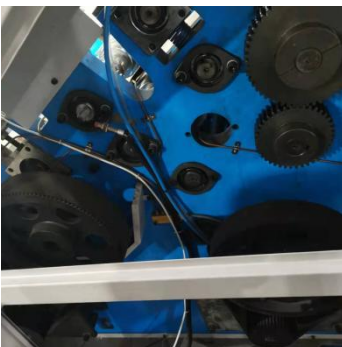
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8	闭合辊尼龙圈 Closed Roll Nylon Loop		8
9	折入刀 folding knife		2
10	鼓轮机械指边 夹座 Drum mechanical finger edge holder		8
11	传送带 conveyor belt		2



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12	拇指刀 thumb knife		1
13	拇指刀弹簧 thumb knife spring		1
14	下方底裁切刀 片 Bottom cutting blade		2



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1.350/450 automatic square bottom paper bag machine with handle

<https://youtu.be/3tyy-MSCeLk>

2.350/450 semi automatic square bottom paper bag machine

<https://youtu.be/jXM0UOrB7oA>

3.250/350 automatic shelly bottom paper bag machine

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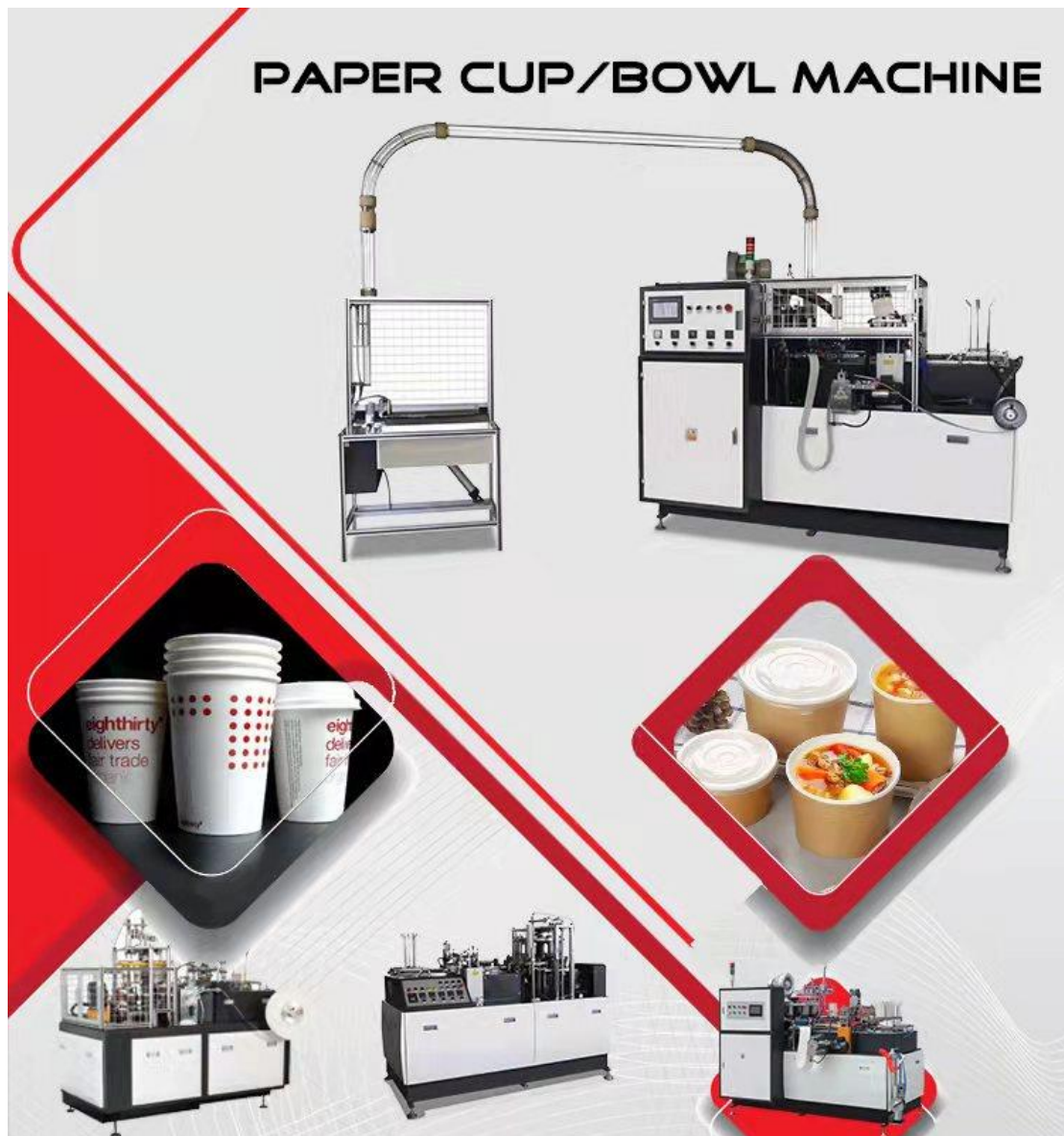
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<https://youtu.be/qVmRA2ppLrI>

4.handle machine for square bottom paper bags

<https://youtu.be/7QiLTbypj4U>



1.XL-ZB09 paper cup machine video

<https://youtu.be/2jpqfvfj9qA>

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2.XL-ZB16 paper cup machine video

<https://youtu.be/FEPNtS5K13A>

3.XL-ZBG16 paper cup machine video

<https://youtu.be/fi9To4n2E9U>

4.XL-ZWA paper bowl machine video

<https://youtu.be/U9c6tV0hk1o>

5.XL-PC50 paper cups packing machine video

<https://youtu.be/zpUrRFV7pS0>



Zhejiang xinlei machinery factory is located in ruian wenzhou city Zhejiang province.which is famous for packing machine .we are specialized in paper cup machine.paper bowl machine.paper bag machine.packing machine etc.our machine export all over the world.and get very good feedback from customers.our machine is "good quality.good price.good service",professional and experience sales team and engineer team will provide you best experience for purchasing machines





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