

Simple Model

90-100 PCS-MIN

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Ruian Mingyuan Machinery Co., Ltd

# Paper Cup Machine

**MYC-OCM100** MINGYUAN  
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# CATALOGUE



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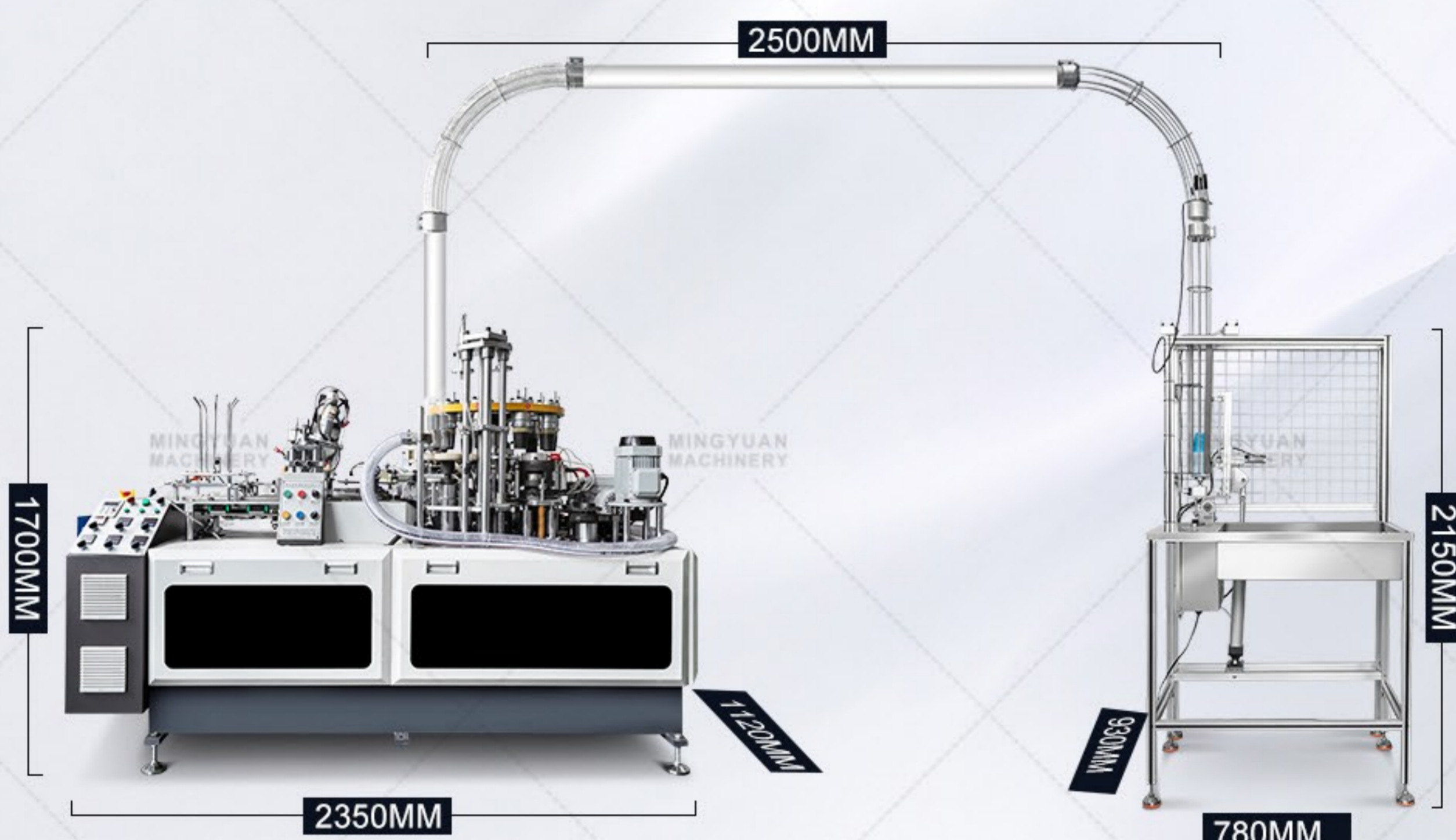
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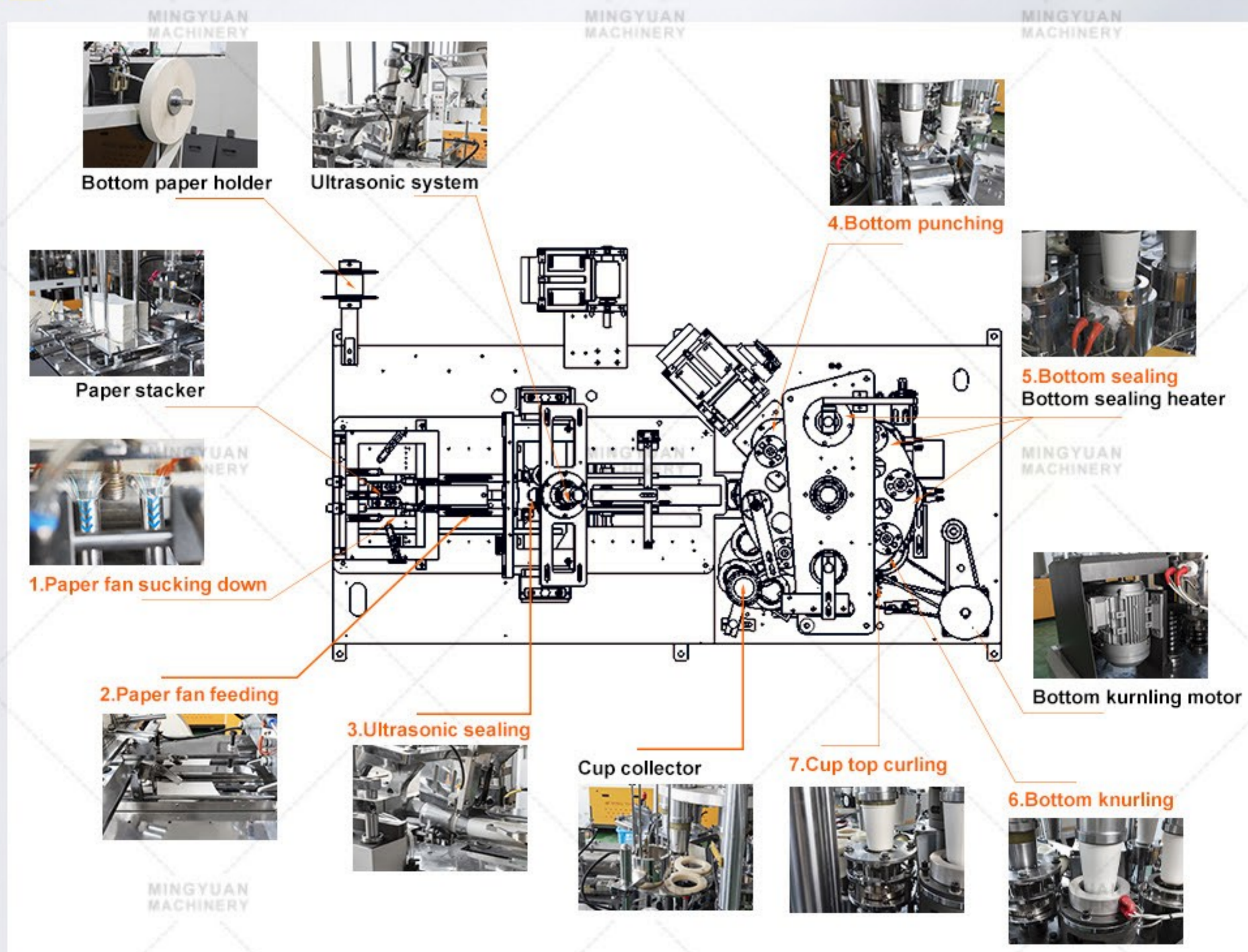
# Product Parameters



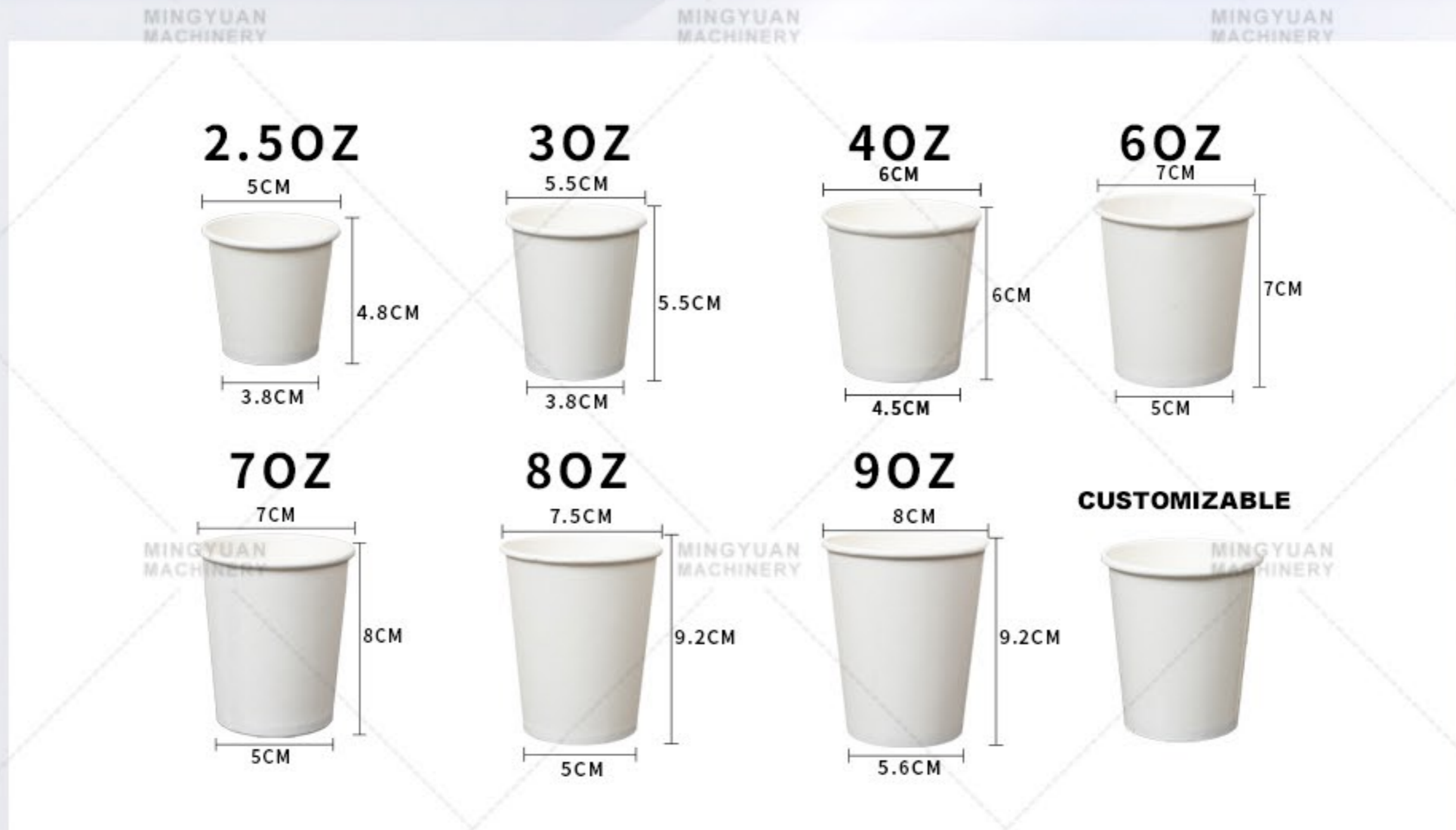
<b>Model</b>	High Speed Simple Model Paper Cup Machine MYC-OCM100
<b>Cup Side Welding</b>	Ultrasonic heater
<b>Paper Cup Size</b>	1.5 ~ 9 OZ (Mould exchangeable, Max Cup Height:95mm,Max Bottom width:65mm)
<b>Rated Speed</b>	90-100pcs/min ( Speed affected by cup size, paper quality & thickness)
<b>Raw Material</b>	One or Two side PE coated Paper (Popular for Hot and Cold drink Cups)
<b>Suitable paper weight</b>	140-350gsm
<b>Power Source</b>	50/60HZ, 380V/220V ( better use 380V, 3 Phase ) or special Power requirement.
<b>Total Power</b>	6 KW
<b>Total Weight</b>	GW/NW: 1600KG/1500KG
<b>Pack Size (L*W*H)</b>	2450*1220*1800 (Machine Packing Size) 1030*880*2250 (Collecting Table Size)
<b>Working Air Source</b>	Air pressure:0.4Mpa; Air Out-put:0.6m <sup>3</sup> /minute Need to buy Air Compressor(by user)
<b>Cup Bottom Heating</b>	1side PE paper by heater knurling; 2side PE paper by cool device (circle water) knurling.
<b>Cup Bottom Knurling</b>	Heater Knurling (If use single PE coated paper)

OEM ( Show Client Company Name in Machine Panel ) is welcome in our factory

## TOP VIEW



# Cup Size Range



<b>Cup Bottom Diameter:</b>	Min 32mm ~ Max65mm
<b>Cup Top Diameter:</b>	Min 45mm ~ Max80mm
<b>Cup Height:</b>	Min 30mm ~ Max95mm
<b>Bottom Knurling Depth:</b>	Min 4mm ~ Max 10mm ( popular 5mm )
<b>Top Curling Rim Diameter:</b>	Popular about 2.5Φ~3Φ



# Difference in Full and Half Set Mould

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## Full Set Mould

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Different Size Cups with different bottom diameter and angle, (Difficult to change mould).We NO Suggestion Client to change Full Set Mould which easy be trouble of machine.For One Set machine is better goes with 1-2 extra half sets mould



## Half Set Mould

Different Size Cups with same bottom diameter and angle, Just different size in cup height and Top Dia.



# Paper Fan Heating Sealing Option



## Ultrasonic Heater

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Ultrasonic heater suitable for sealing the Single PE / Double PE paper.  
Paper weight 140GSM-350GSM.

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# Ultrasonic Heater System



Ultrasonic heater system is with electric control box and voltage regulator which is provided for free to protect the ultrasonic electric system



## Ultrasonic Electric Control Box



## Voltage Regulator



**If the voltage is 380v, you need to connect a voltage regulator, if it is 220v, you don't need it**

( above spare parts are only available in ultrasonic heater machine )

# FAQ of Paper Cup Machine



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**Q** How will the machine be repaired if there are faults, and what is the warranty?

**A** Our engineer team will send the **operation video** to guide you to solve the problem .if the spare parts is broken in the warranty period, we will send you the **new replacement parts for free.**



**Q** What is the raw materials for the paper cup machine ?

**A** Raw materials : **Single /double PE coated paper fan** which is already cut and printed , **bottom paper roll** .  
PS: Machine is without printing and cutting function(only can cut bottom roll paper, it can not cut the paper fan )



**Q** What else we need to start the production ?

**A** Food-graded silicone oil and a small air compressor.  
(compressor required only for the air heating)



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# FAQ of Paper Cup Machine

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**Q One machine is with just one mould or several mould?  
Can we make difference size of the cup in one machine?**



**A** One machine is installed one full set mould for free. You can buy extra half set mould (easy to change) or full set mould. We only recommend to change 1-3 sets half set mould (with same bottom diameter size) in one machine .



**Q What is the delivery time after the order ?**



**A** We have only half finished machine (no mould) in stock. The mould design is customized as each **customer requirement**. The mould production costs 20 days,10 days for the installation. The delivery time is **30-35 days** after the deposit payment .



**Q How can I install the machine and get training services in my country?**



**A** The machine will be finished installation and tested running perfectly before the delivery . You will get the complete machine which is finished installation. We will provide the full operation and training Videos to guide you to run the machine . Anyone can install the machine and operate it easily.



**Q What is the power consumption?  
what is the Voltage and Phases can the machine use?**



**A** The total power is around **4.5KW** , the Voltage can be **380 V three phases , 220V single /three phases** . the electric system can be customized as client requirement.

# Advantages Comparisons



## Ten Moulds



## Eight Moulds



**Main Turnplate:** The main turnplate Design is installed with ten moulds which can makes speed faster.

## Four Bottom Heater System



## Three Bottom Heater System



**Bottom Heater System:** The new Design adds a bottom heating system more than the old Design which make the paper cup sealing effect is more better.

# Advantages Comparisons

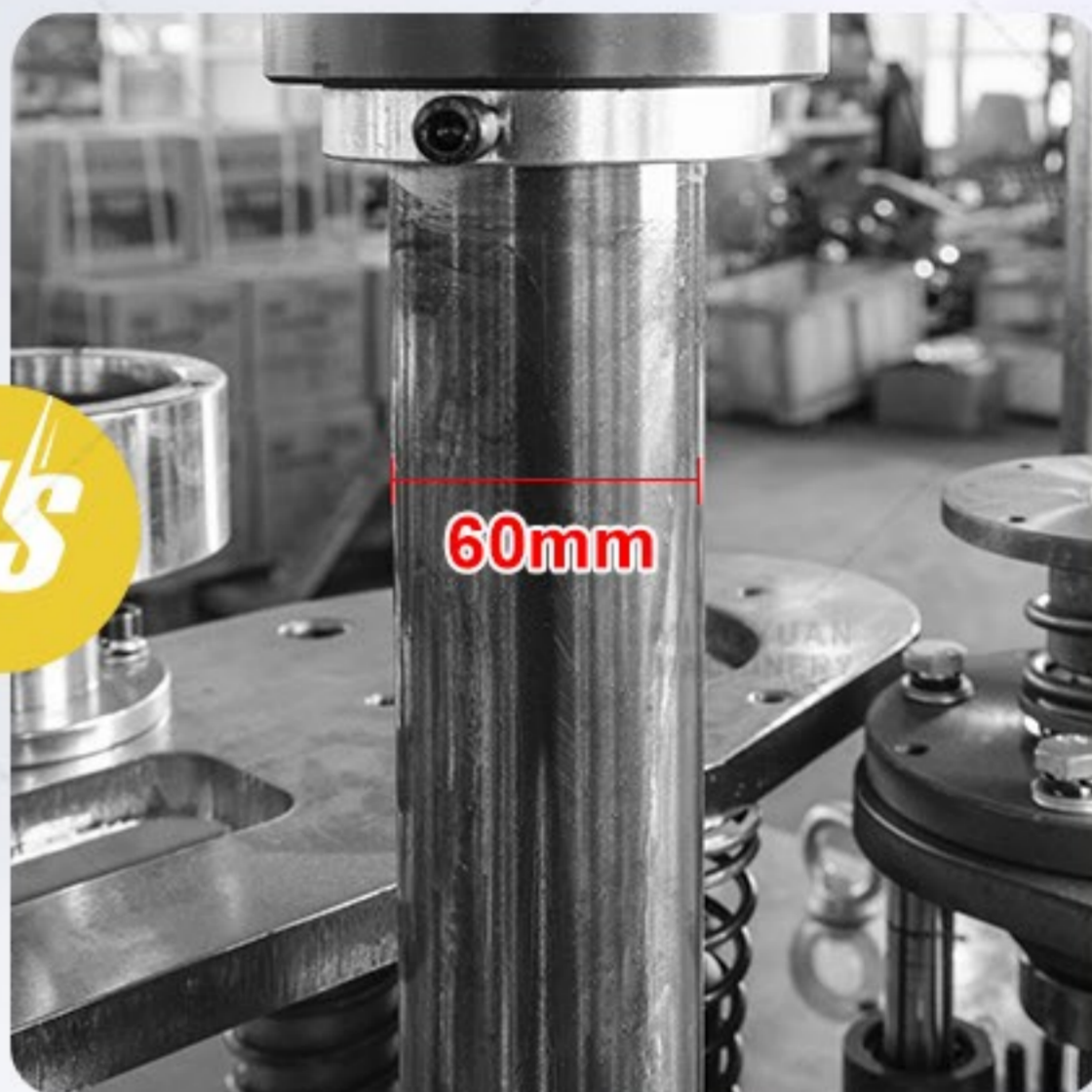


## Central Shaft



New Design: Large and thick central shaft makes machine run stably at high speed without shaking.

## Old design



Easy to shake when running at high speed.

## Vaccum Suction Generator



Prevent wet air with water from entering solenoid valve, longer service life, more stable and better.

## Air Cylinder



Paper suction is controlled by air cylinder, long time running will make the air sealing ring very hot and be broken easily, and cause air leaking issue.

# Advantages Comparisons

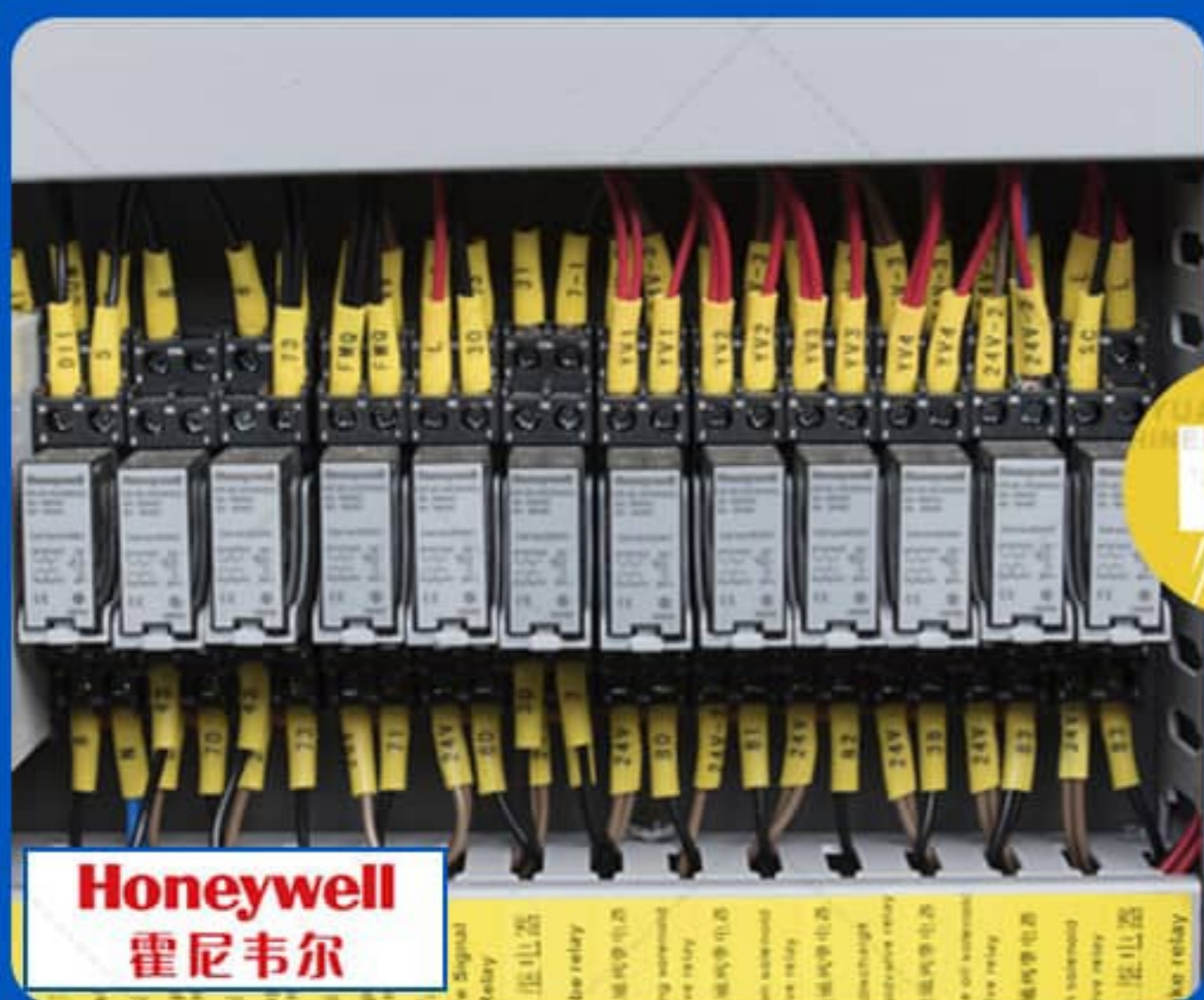


## Robot Hand Cup Feeding Device



New Design: 4 in 1 rotary robot hand cup feeding device make machine run more stable and higher speed which can be more than 110-120pcs/min and lower noise.

## 12 PCS honeywell relay



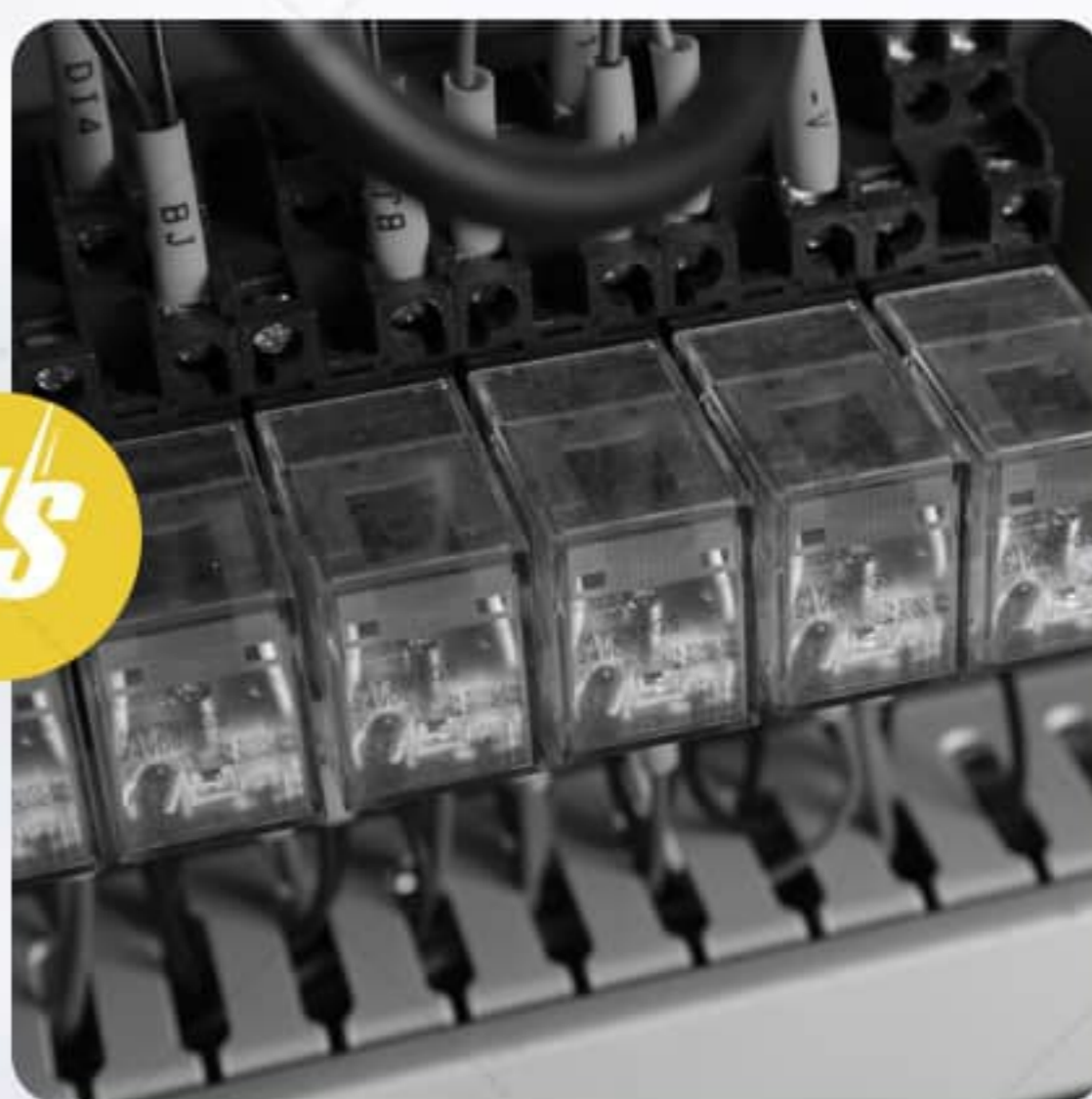
Best Imported US brand relay , best quality and longer service life.

## Old Design



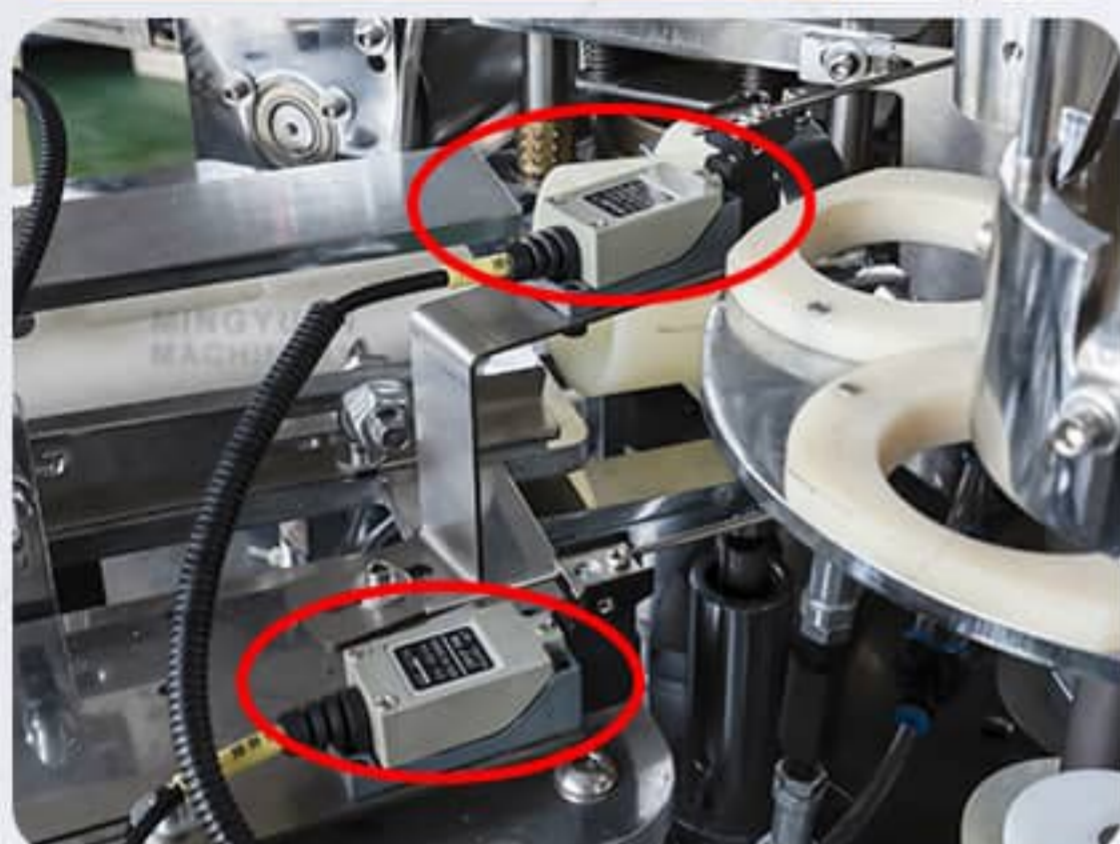
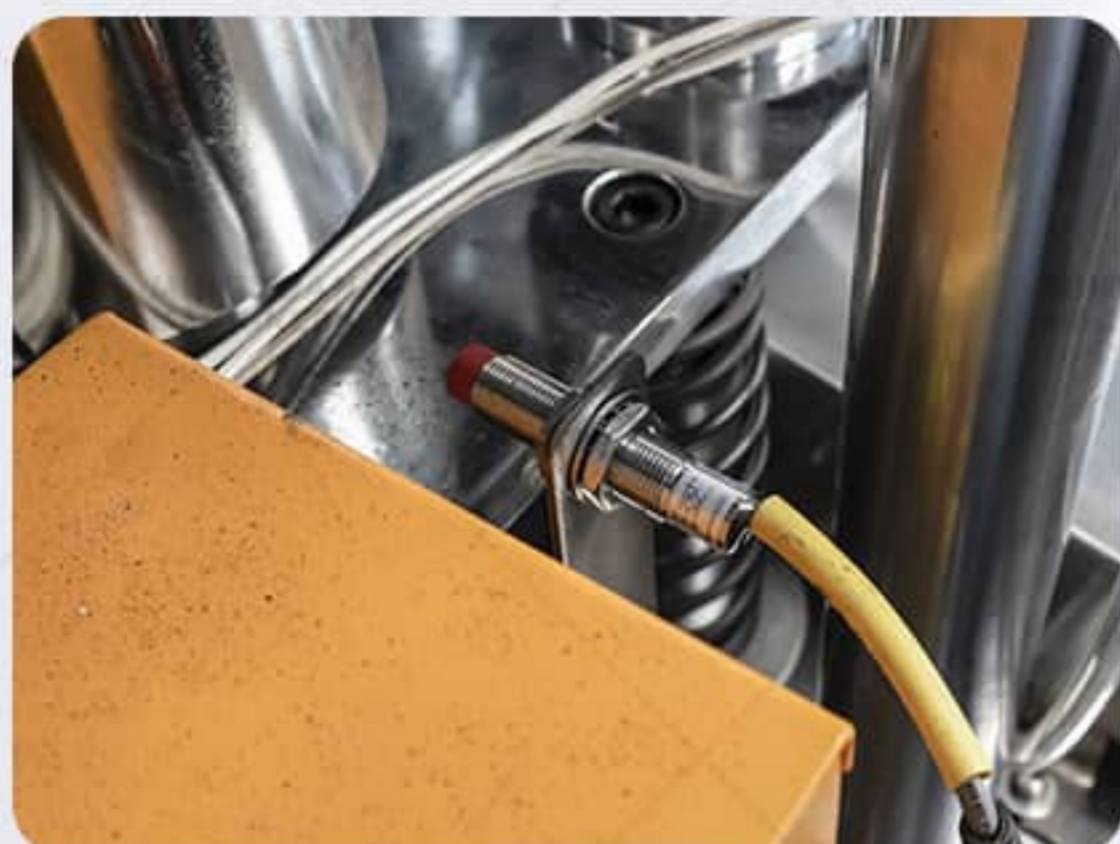
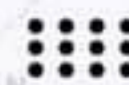
Only single robot hand cup feeder and speed will be lower.

## Other



It is inferior brand and will be broken easily.(quality is not assured )

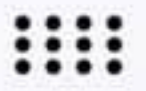
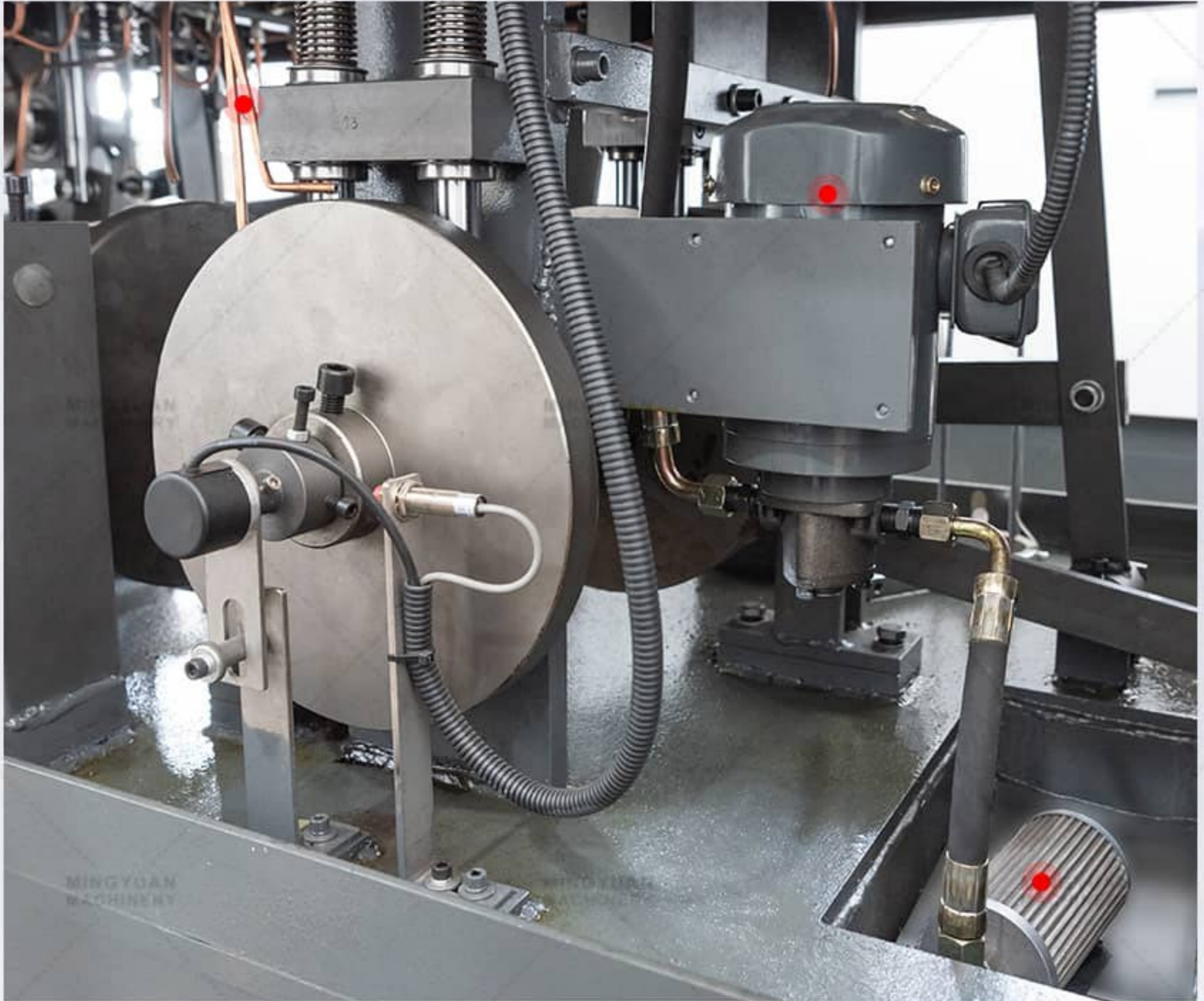
# 12 Pcs Of Sensor

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**12 PCS of sensor:** It can detect the full working process of the machine like paper less ,paper stuck,paper tube blocking, hot air blowing,bottom paper feeding and cup passing by errors。 It will send alarm and ensure machine inside spare parts less collision issues,and run more stable.

**Others:** Less sensors only 6 pcs,machine running process will cause some issues and finished cups will be not good.

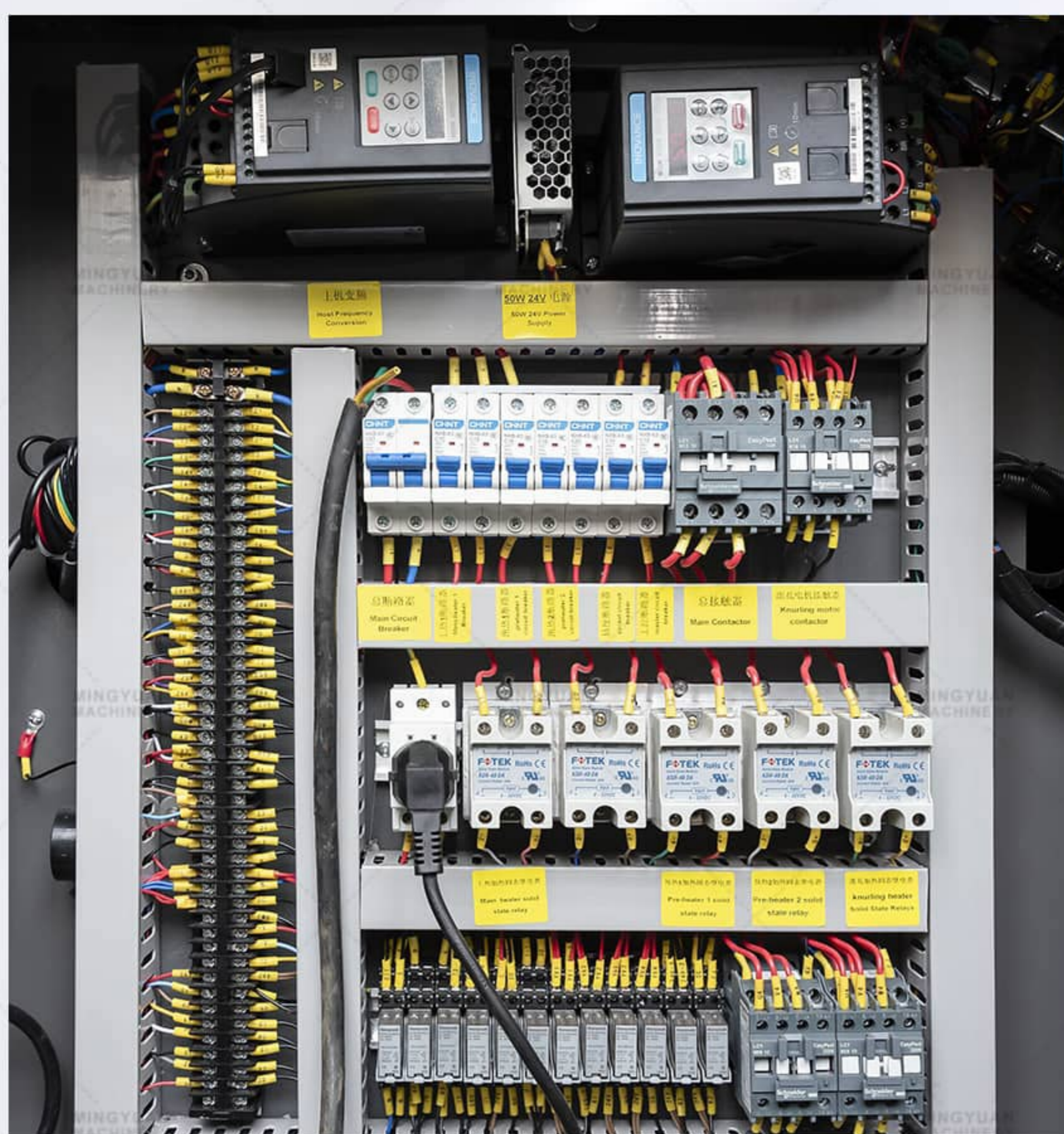
# Oil Lubrication and Circulation

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The whole machine adopts automatic oil lubrication system ( oil circulation system is including oil motor, filter, copper pipe ) which makes all gear moving parts working at high speed much more smoothly and greatly Improve the service life of spare parts .

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# Electric Components List



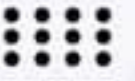
Brand	Picture	Name
 FRENCH BRAND		<b>AC CONTACTOR</b> 4 x PCS
 FRENCH BRAND		<b>PUSH BUTTON &amp; ROTARY SWITCH</b> 13 x PCS
 AMERICAN BRAND		<b>RELAY</b> 12 x PCS
 JAPANESE BRAND		<b>PHOTOELECTRICITY</b> 3 x PCS
 TAIWAN BRAND		<b>SWITCHING POWER SUPPLY</b> 1 x PCS
 TAIWAN BRAND		<b>SOLID STATE RELAY</b> 5 x PCS
 CHINA DELIXI CHINESE BRAND		<b>PHASE SEQUENCE PROTECTOR</b> 1 x PCS
 CHINESE BRAND		<b>CIRCUIT BREAKER</b> 8 x PCS
 CHINESE BRAND		<b>INVERTER</b> 2 x PCS
 CHINESE BRAND		<b>DIGITAL DISPLAY TIME RELAY</b> 1 x PCS
 CHINESE BRAND		<b>TEMPERATURE CONTROLLER</b> 5 x PCS

# Free Tool Box

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X1

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**Nipper Pliers**



X1

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**Inner Hexagonal Spanner**



X1

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**Open-end Wrench**



X1

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**Screwdriver (+ -)**



X1

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**Box End Wrench**



X1

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**Bearing**



X1

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**Electrical Tape**



X1

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**Hammer**

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# Free Tool Box

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X1



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Adjustable Spanner

X1



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Oil Gun

X1



Preheat Heating Collar

X1



Preheat Heating Collar

X4



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MINGYUAN MACHINERY

Sucker

X2



MINGYUAN MACHINERY

Springs

X1



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Screws

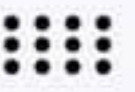
X1



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Aluminium Heater

# Rest Assured To Buy



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## Warranty of spare parts

Spare Parts guarantee for two year since client received machine.



## Technical engineer support

Send technician for installation & training, the cost cover by buyer (round ticket, accommodation, Salary of USD 100 Each day)



## Operation manuals & online supports

We will provide the operation CD and manual, we also supply the 24 hours online service.



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## Bussiness support

We will offer the most professional suggestion to help you start and expand your business.



# We are a company with solutions

We have many videos of AFTER-SALES SERVICES



# Good Service Win Client Trust



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We will send the ultrasonic control box by DHL .

下午3:20 ✓✓

Hi Andy,  
Thanks for listening.  
In fact, you are fantastic. I will never change suppliers ...

**Reliable Quality**

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MINGYUAN MACHINERY

Ok, you, your Company is so much cooperative. I always remember your company.

下午2:49

**Excellent Service**

Thank you. 下午2:50 ✓✓

Ok, Some one call me from Dhaka to know about machine. I tell him my experience.

下午3:02

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de the production line will be fine .... we will buy you 5 more machines

07:55

**Trustworthy**

dont worry, we have more than 12years exprience in manufacture and export

07:56 ✓✓

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MINGYUAN MACHINERY

It will be a pleasure collaborate with you company ASAP

下午4:21

**Pleasure Cooperation**

. It is nice to cooperate

下午4:22 ✓✓

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# Certificates



Certificate - Сертификат - 證明書 - Certificat - 증명서 - شهادة

**Certificate of Compliance**

No. 3B191223.RM/MWU67  
Test Report No. MY(19)12201-WD

**Certificate's Holder:** RUIAN MINGYUAN MACHINERY CO., LTD.  
No. 388, Suncuo Road, Feiyun Street, Ruian City, Zhejiang Province, China. Zip: 325207

**Certification ECM Mark:**

**Product:** Paper Cup Machine  
**Model(s):** JBZ-OCM12, JBZ-H12, JBZ-OCH12, JBZ-OCS9, JBZ-OCS12, JBZ-OCG16, JBZ-H16, JBZ-H22, JBZ-Bowl, JBZ-Bucket, JBZ-OC100

**Verification to:** Standard: EN ISO 12100:2010, EN 60204-1:2006+A1:2009+AC:2010  
related to CE Directive(s): 2006/42/EC (Machinery)

Remark: The product(s) has been verified on a voluntary basis. The product(s) satisfies the requirements of the Certification Mark of ECM, in reference to the above listed standards. The above Compliance Mark can be affixed on the product(s) accordingly to the ECM regulations about its affixation. For more information, the regulations can be found at [www.enftec.com](http://www.enftec.com). The verification doesn't imply assessment of the production of the product(s). Additional information, clarification about the CE Marking was asked from the CE Marking process. It is stated, therefore, the Manufacturer is responsible to start the CE Marking Certification (process) and to confirm of the conformity of the product(s) as required by the Directive before placing the CE Mark on the product(s).

Date of issue: 22 December 2019 Expiry date: 22 December 2024

**Ente Certificazione Macchine Srl**  
Via Co. Bella, 243 - Loc. Castello di Serravalle - 40053 Valsamoggia (BO) - ITALY  
+39 051 6705141 | +39 051 6705158 | [info@enftec.com](mailto:info@enftec.com) | [www.enftec.com](http://www.enftec.com)

**EUROPEAN COMMUNITY - CERTIFICATE OF ADEQUACY**

CERTIFICATE NUMBER OVI/20160418A/Issue 1

**Certificate Holder:** RUIAN MINGYUAN MACHINERY CO., LTD.  
Henghe Industrial Park Feiyun Street Ruian City Zhejiang Province China

**Manufacturer:** RUIAN MINGYUAN MACHINERY CO., LTD.  
Henghe Industrial Park Feiyun Street Ruian City Zhejiang Province China

**Technical Reference/Date:** OVITEST-MY-2016-418A 18 nd April 2016

**Type:** Plastic Lid Thermoforming Machine

**Model:** HLD-450W, HLD-450WPP, DPP-420A, DPP-420G, DPP-420PP, DPP-420L, DPP-450W, DPP-450WPP.

**Applicable EC Directives:** Machinery Directive 2006/42/EC  
Low Voltage Directive 2006/95/EC

**Standards:** EN ISO 12100:2010, EN 60204-1:2006+A1:2009+AC:2010

Based on our review we can confirm that the technical file for the above mentioned product meets the requirements of the relevant EC Directives.

The manufacturer is responsible for certifying the product and ensuring that all manufactured products are in compliance with the specifications detailed in the construction file.

**CE** Certificate issued: 18<sup>th</sup> April 2016  
Signature:

Shanghai (OV) Information Technology Co., Ltd.  
410 Yanhai International Building No. 225 Zhongyuan Road, Shanghai, P.R.China.  
Tel: 86-21-51818203 Fax: 86-21-51818205

**Alibaba.com Gold Plus Supplier**

**Verified**

**Assessment Report**

Presented to  
**Ruian Mingyuan Machinery Co., Ltd.**  
瑞安市明源机械有限公司

Gold Supplier & Assessed Company Relationship:	<input checked="" type="checkbox"/> Self-owned <input type="checkbox"/> Wholly Owned <input type="checkbox"/> Shareholder/Partner <input type="checkbox"/> Kindred between Owners <input type="checkbox"/> Cooperation Partner
Company Address:	No. 658, Sunhe Road, Feiyun Street, Ruian, Wenzhou City, Zhejiang Province, China
City / Country:	Wenzhou / China
Consigner of Assessment:	Alibaba
Gold Supplier Member ID:	mingyuansupplier
Gold Supplier Company Name:	Ruian Mingyuan Machinery Co., Ltd.
Contact Person:	Mr. Wanjin Chi
Phone Number:	0086-15157799231
Fax Number:	Confidential
Email:	mingyuansupplier@gmail.com
Website Address (URL):	<a href="http://ruianmingyuanmachinery.en.alibaba.com">http://ruianmingyuanmachinery.en.alibaba.com</a>

Service Provided by SGS  
Report No.: 21661751\_P+T

证书号第 6517449 号

**实用新型专利证书**

实用新型名称: 用于超声波纸杯机的传送机构

发明人: 池万强

专利号: ZL 2017 2 0202265.9

专利申请日: 2017年03月03日

专利权人: 瑞安市明源机械有限公司

授权公告日: 2017年10月03日

本实用新型经过本局依照中华人民共和国专利法进行初步审查, 决定授予专利权, 颁发本证书并在专利登记簿上予以登记, 专利权自授权公告之日起生效。

本专利的专利权期限为十年, 自申请日起算, 专利权人应当依照专利法及其实施细则规定缴纳年费, 本专利的年费应当在每年03月03日前缴纳, 未按照规定缴纳年费的, 专利权应当自应当缴纳年费期满之日起终止。

专利证书记载专利权登记时的法律状况, 专利权的转移、质押、无效、终止、恢复和专利权人的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。

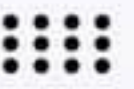
局长 申长雨

2017年10月03日

# Company View Image



# Other Machine



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### Full Servo Paper Cup Machine



### High Speed Paper Lid Machine



### Hydraulic Paper Plate Machine



### Intelligence Paper Bowl Machine



### Paper Cup Sleeve Machine



### Intelligence Paper Bucket Machine

