

MY-100A

# Paper Cup Machine

Intelligent Model

120-150 PCS-MIN



Double Turnplate  
High Speed



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## Other Machine

# CATALOGUE

Catalogue Of Product Album



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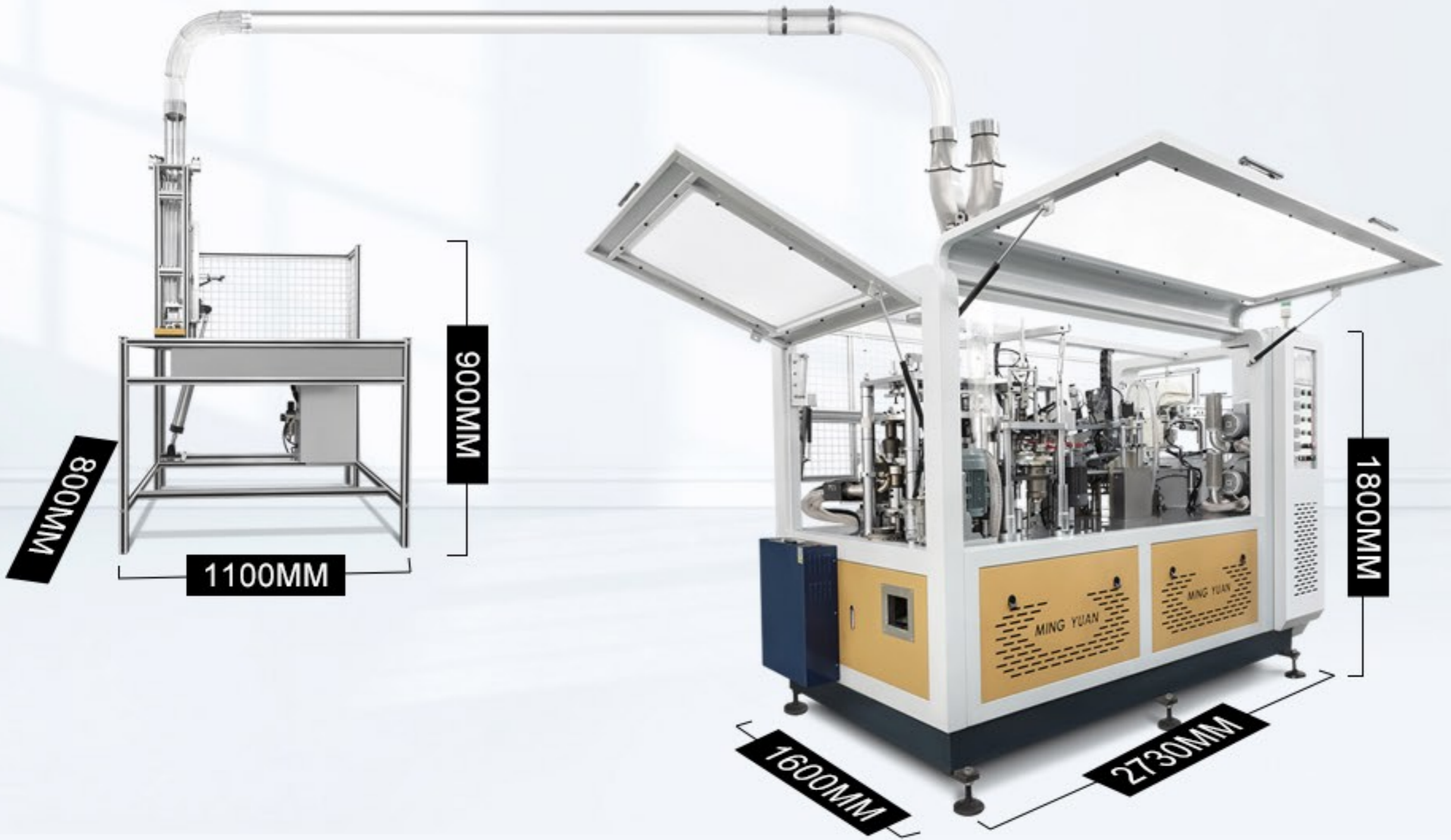


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# Parameters

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Model	MY-100A Automatic High Speed Paper Cup Making Machine
Cup Side Welding	Ultrasonic heater
Paper Cup Size	6 ~16 OZ 16~22OZ
Rated Speed	<b>120-150pcs/min</b> ( Speed affected by cup size, paper quality & thickness) 9OZ, 280GSM paper cup Stable running speed 120 pcs each min.
Raw Material	One or Two side PE coated Paper(Popular for Hot and Cold drink Cups)
Suitable paper weight	140-350gsm
Power Source:	50/60HZ, 380V/220V ( better use 380V, 3 Phase ) or special Power requirement.
Total Power	10KW
Total Weight	3600KGS
Pack Size (L*W*H)	2730*1600*1800mm
Working Air Source	Air pressure:0.4Mpa; Air Out-put:0.6m <sup>3</sup> /minute Need to buy Air Compressor(by user)
Cup Bottom Heating	1side PE paper by heater knurling; 2side PE paper by cool device (circle water) knurling.
Cup Bottom Knurling	Heater Knurling (if use single PE coated paper)

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



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Machine Video

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# Cup Size Range

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Cup Bottom Diameter:

Min 35mm ~ Max76mm

Cup Top Diameter:

Min 45mm ~ Max100mm

Cup Height:

Min 30mm ~ Max115mm

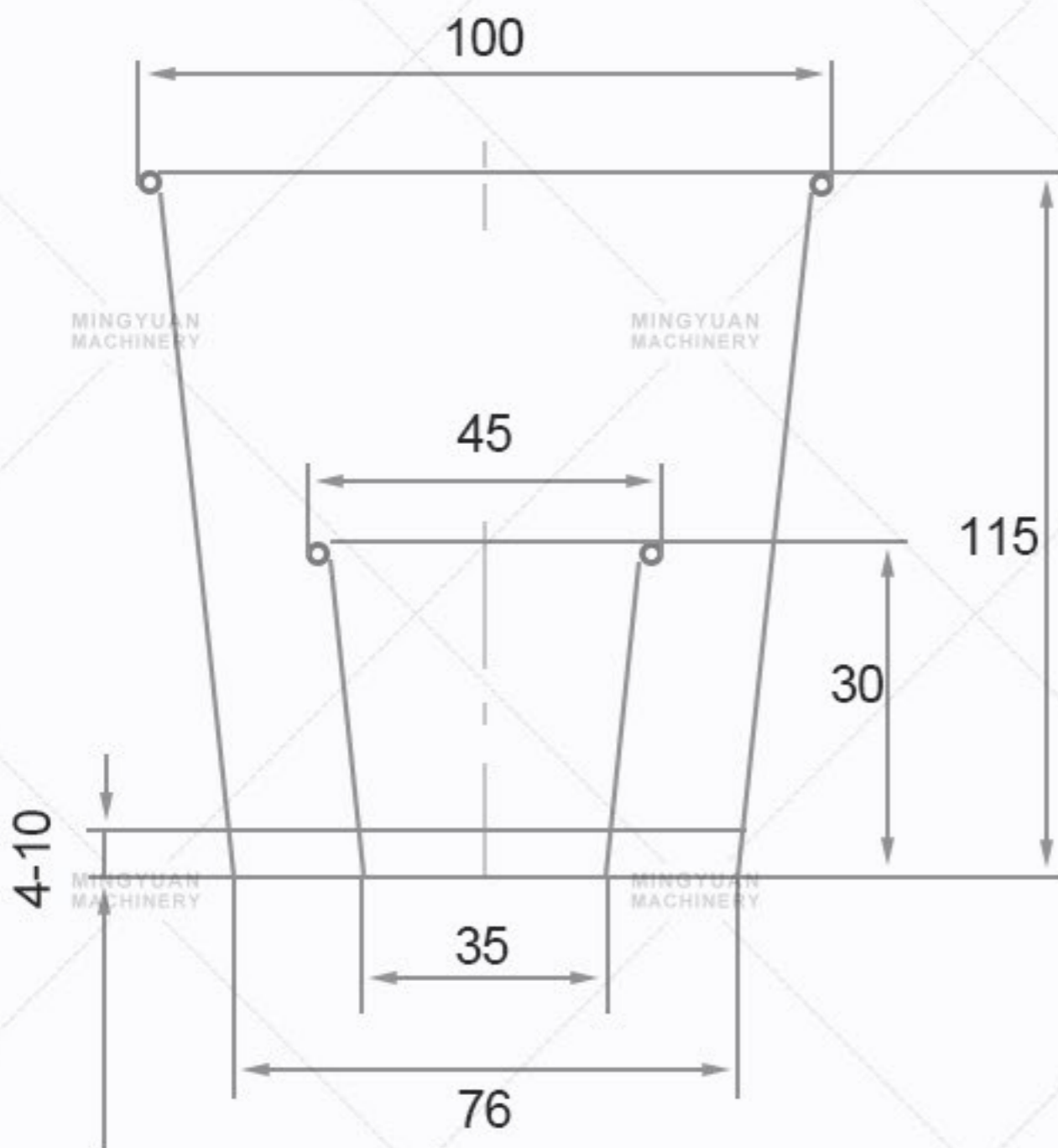
Bottom Knurling Depth:

Min 4mm ~ Max 10mm

(popular 5mm)

Top Curling Rim Diameter:

Popular about  $2.5\phi\sim 3\phi$



Unit: mm



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# Optional Device

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## OPTIONAL 1



### Photo Detection System With Defective Cups Collecting Unit:

Cup bottom sealing is inspected by photo detection sensor which can ensure no leakage issues in the finished cup. The bottom photos will be displayed in the computer, and the operator can monitor and adjust the machine in time to avoid paper waste. The waste and defective cups are blown out and collected in this unit.

## OPTIONAL 2



### Auto Paper Fan Feeding Unit:

Feeding the paper fan automatically and save labor costs.

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# Selling Points

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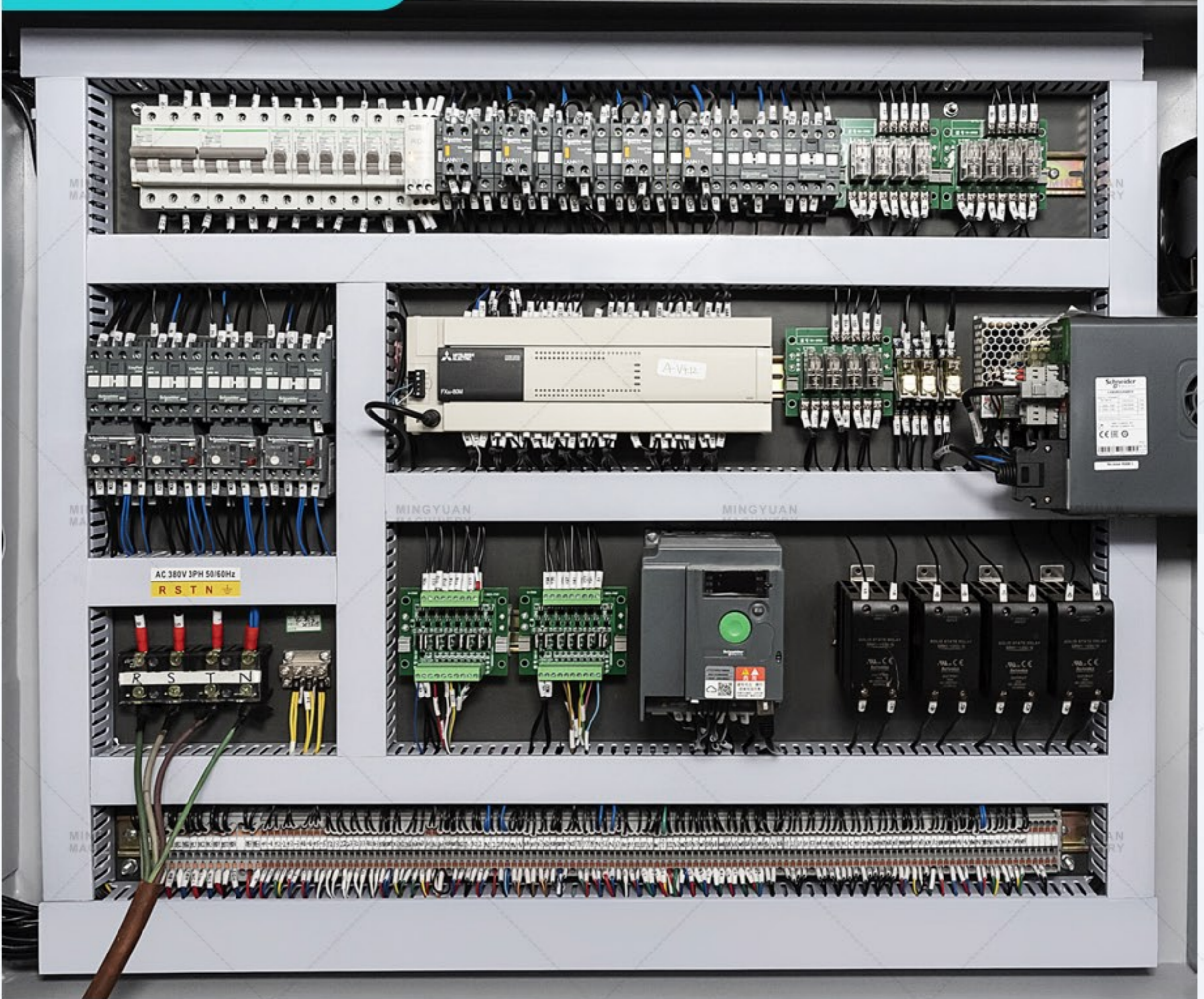
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## Electric System



**Schneider Inverter**



**Japan Mitsubishi PLC**

Quality Brand electric System like mitsubishi, Schneider.PLC control system be with mitsubishi Brand Made in Japan with Reliable quality.

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## Schneider Touch Screen



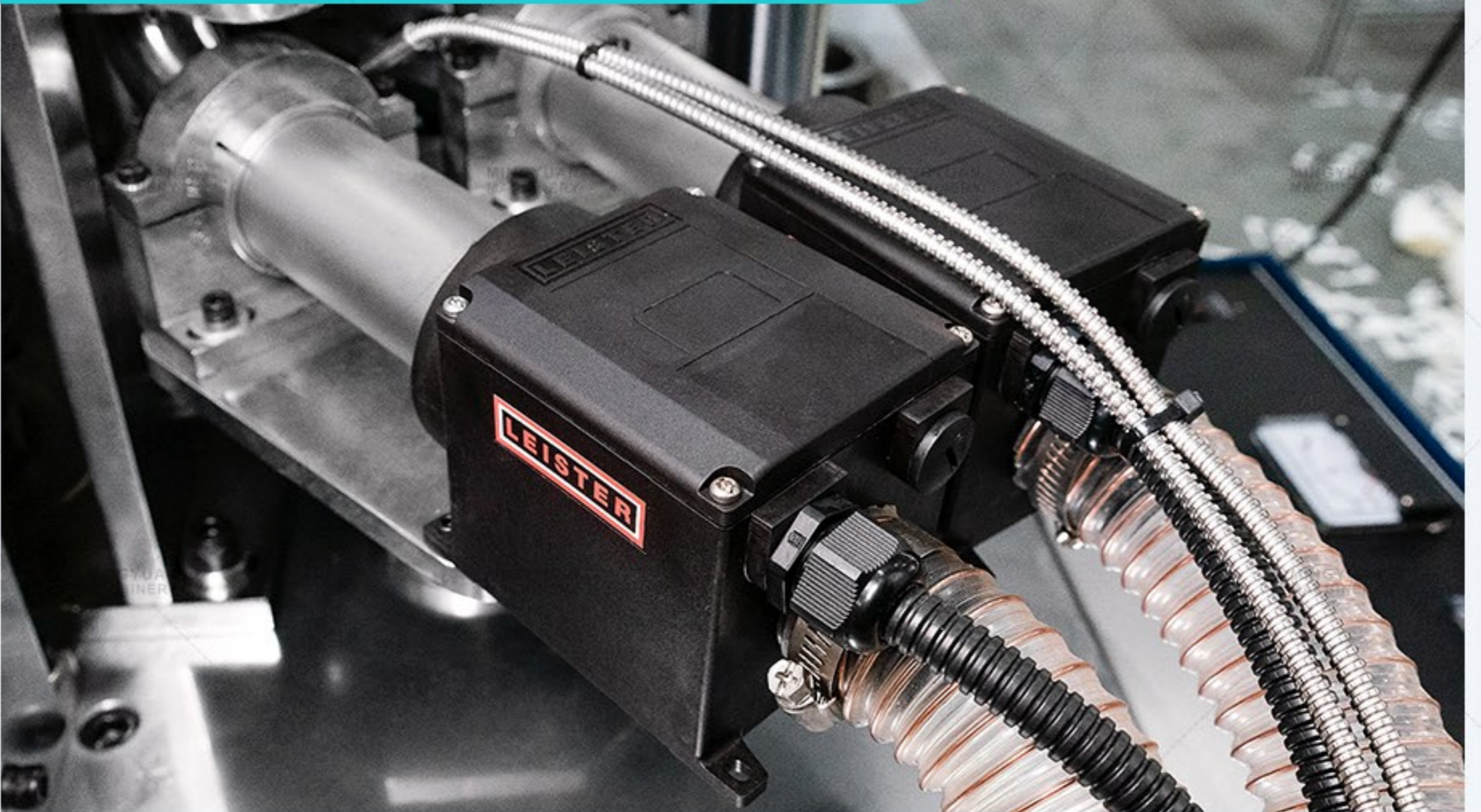
Korean AUTONICS Temperature Controllers



Emergency Stop

It adopts PLC controller and touch screen (man-machine interface) all the working parameters can be setup on the control panel which is convenient for parameter setting and adjusting. (easy operate)

## Swiss Brand Hot Air Heater 2 pcs



The molds with sleeve and bottom will be heated twice by the hot air guns. And then the end of the sleeve will be pre-folded inward to get ready for sealing with the paper cup bottom.

# Selling Points

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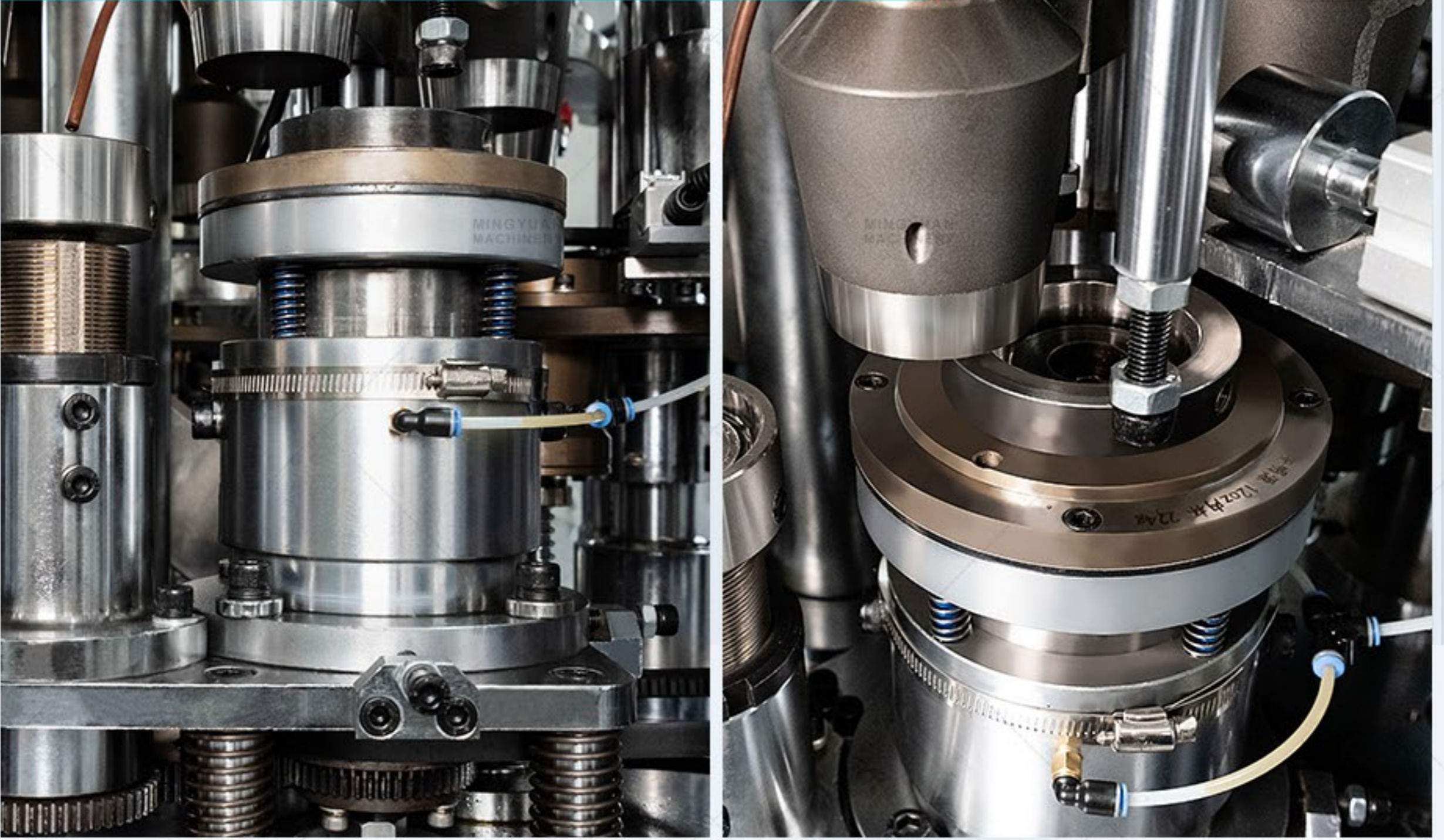
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## Bottom Knurling And Sealing Unit



New separate moving knurling unit design can increase the running speed and make bottom knurling perfectly without leakage.

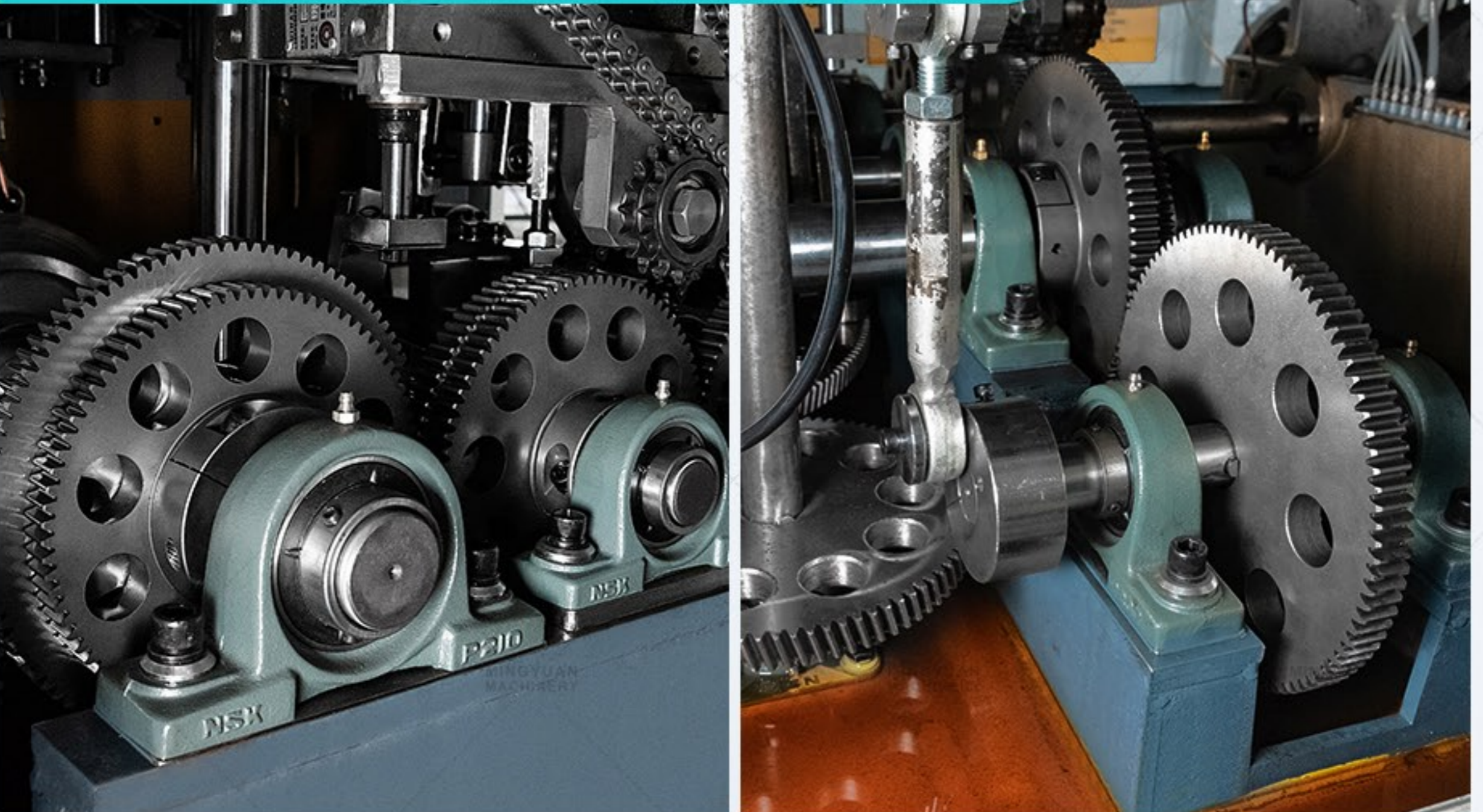
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## High-precision Transmission System



All transmission mechanical parts are strictly selected from specific materials, and have undergone specific processing processes such as surface phosphating, blackening, carburizing and quenching, and curve grinding to ensure that the machine has good stability and service life after careful assembly.

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# Selling Points

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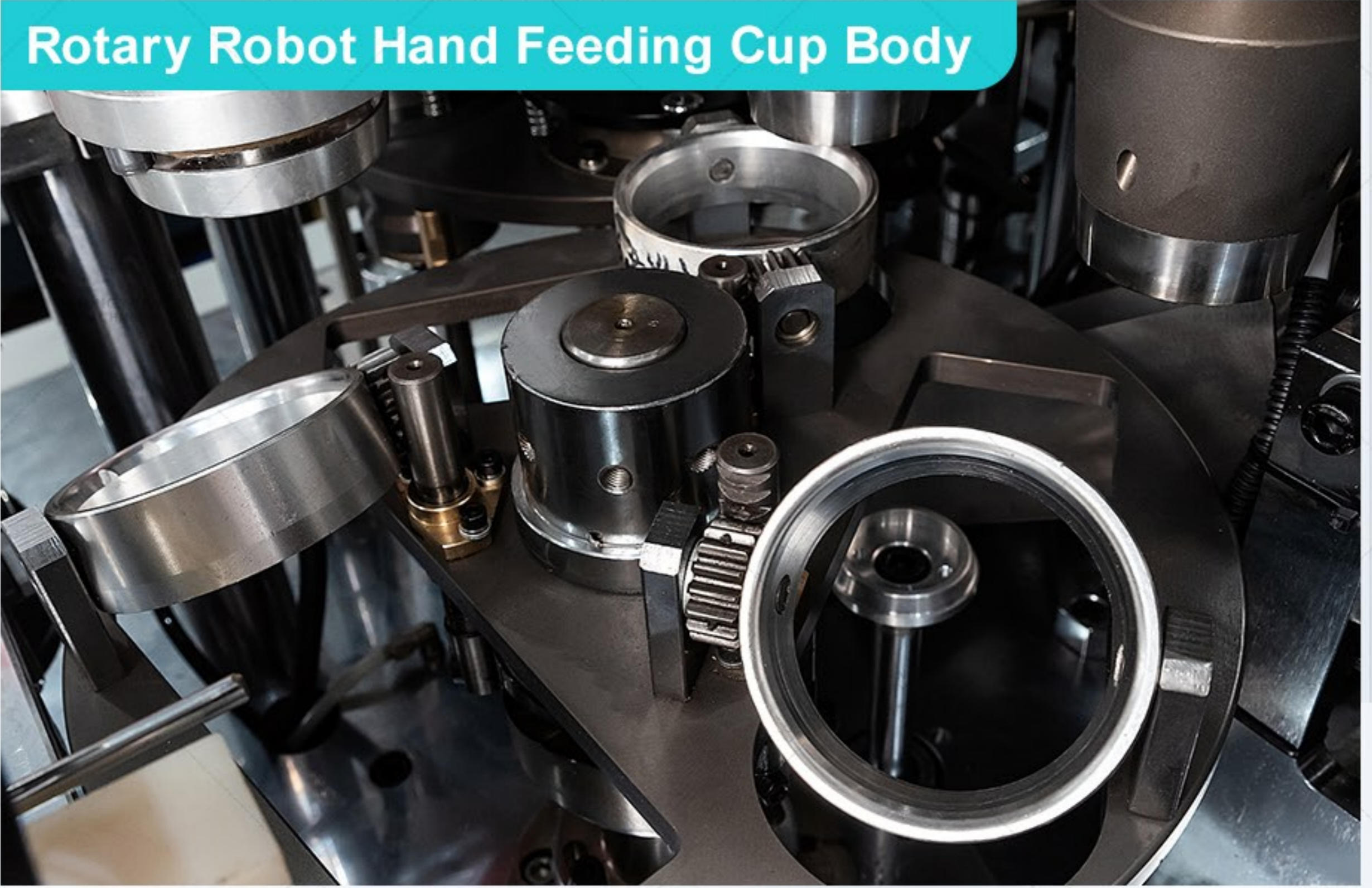
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## Rotary Robot Hand Feeding Cup Body



Three rotary robot hands catch and feed cup body to the mould in high efficiency and accuracy.

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## Top Pre-curling With Silicone Lubrication



Top curling is lubricated by the food grade silicone oil to make the curling top pressure well-distributed to avoid the burst.

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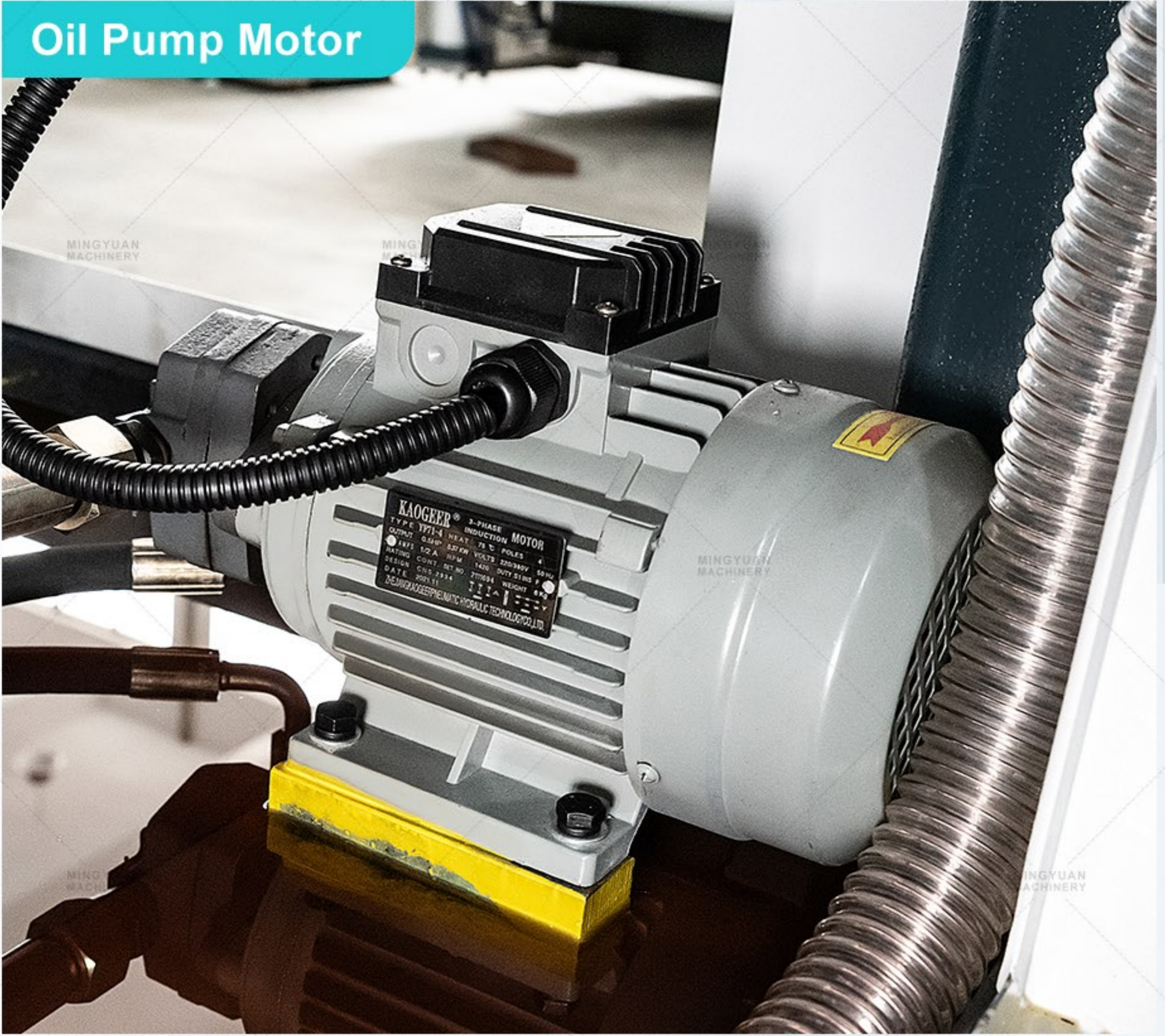
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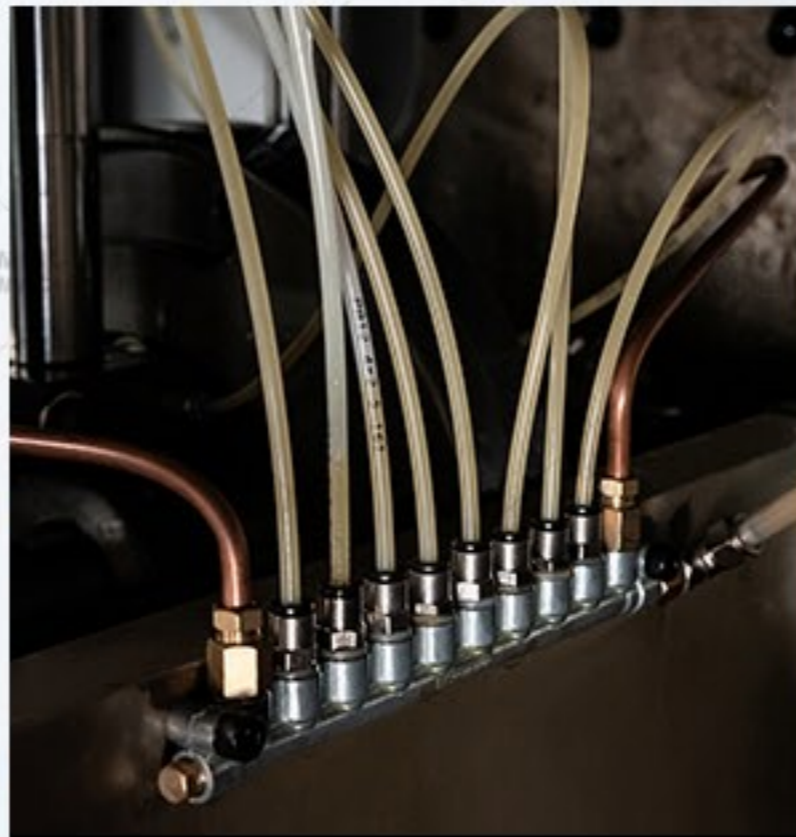
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## Oil Pump Motor



OIL LUBRICATION BOX



OIL PIPES



OIL FILTER

The whole machine is equipped with automatic lubrication system, which makes all mechanical parts working much more smoothly.

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# Selling Points

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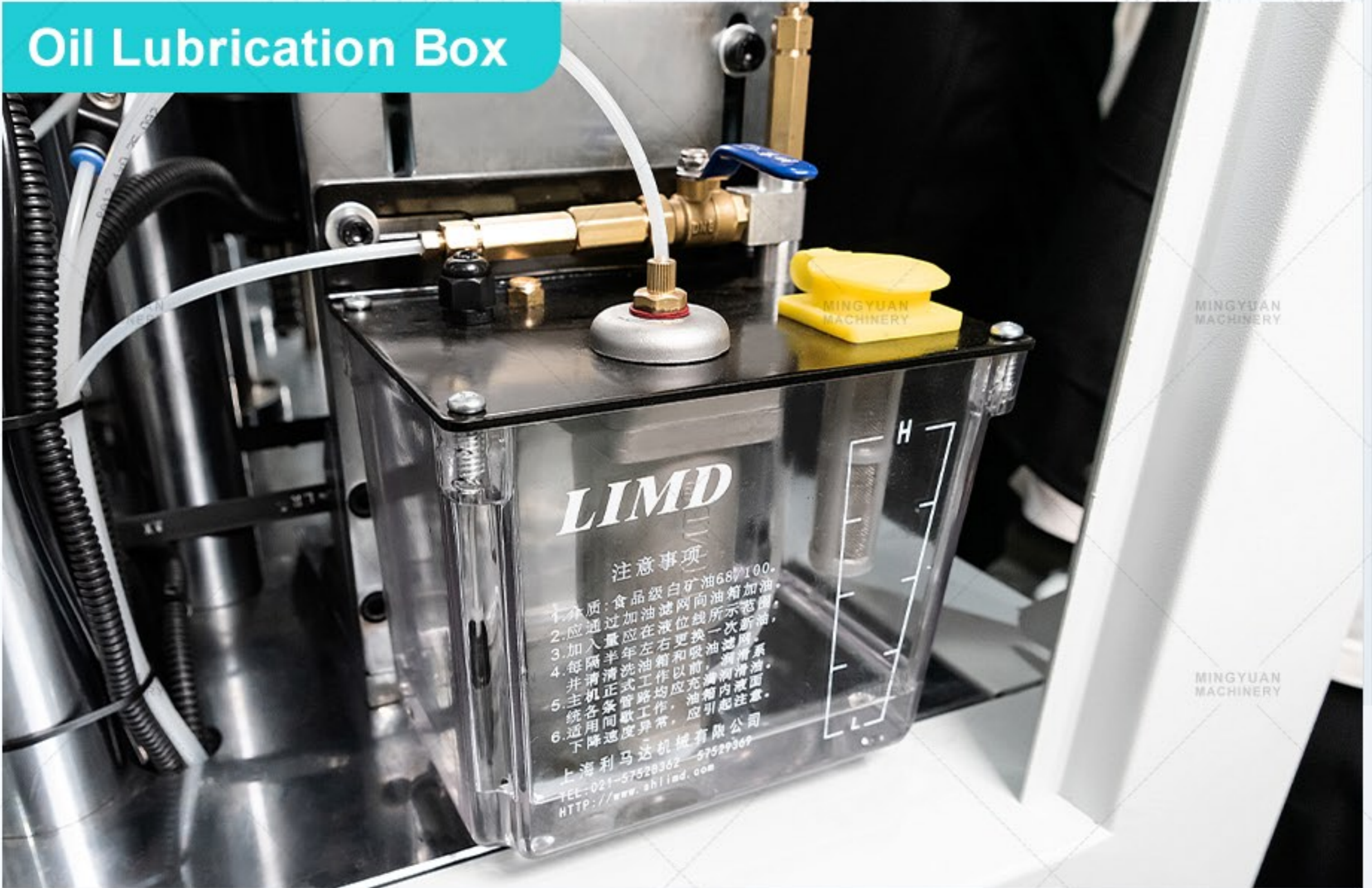
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## Oil Lubrication Box



It is for the inside bearing lubrication ,make the moving parts work smoothly.

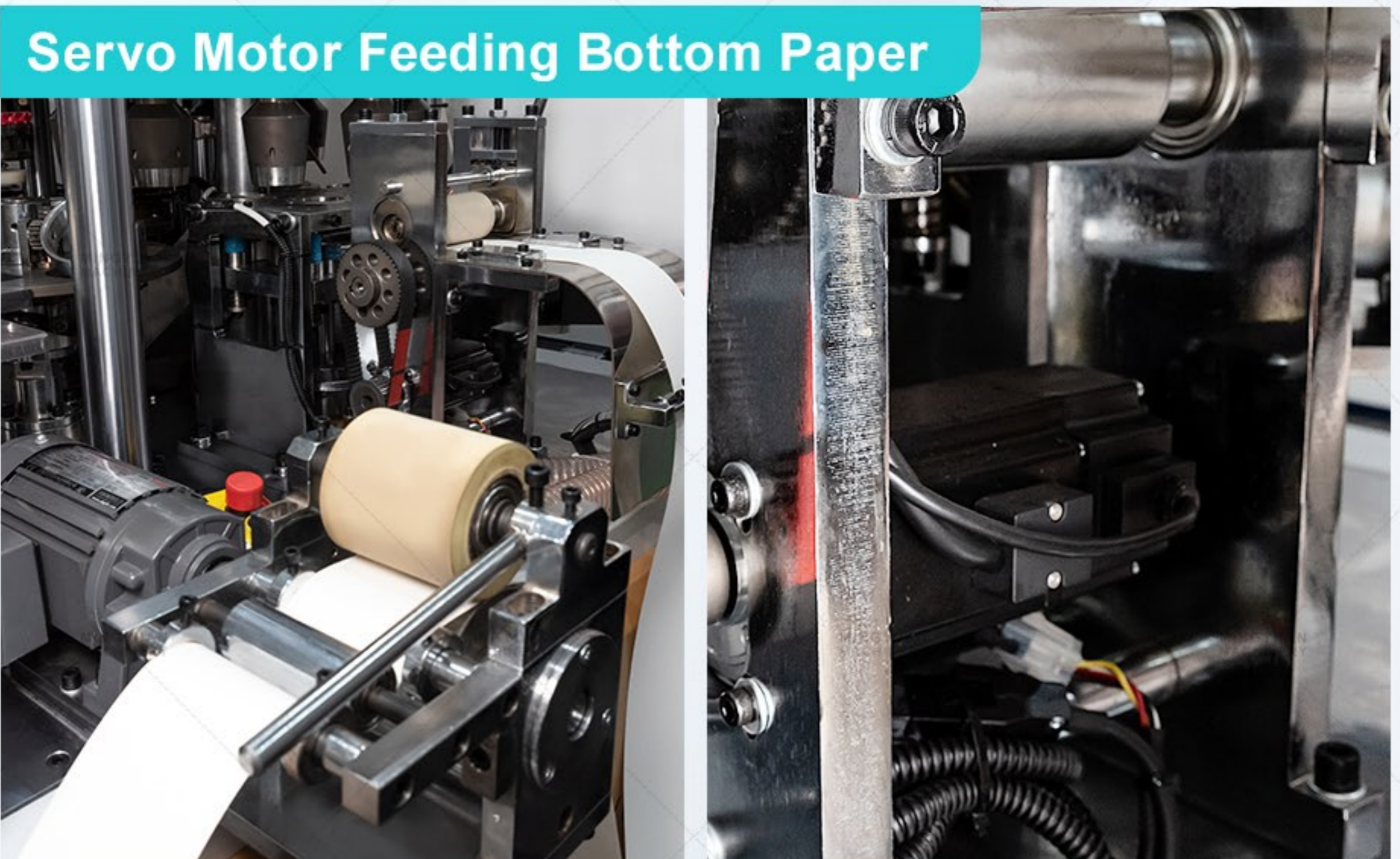
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## Servo Motor Feeding Bottom Paper



Bottom paper feeding is controlled by servo motor which can make the paper feeding accurately and save paper.

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# Selling Points

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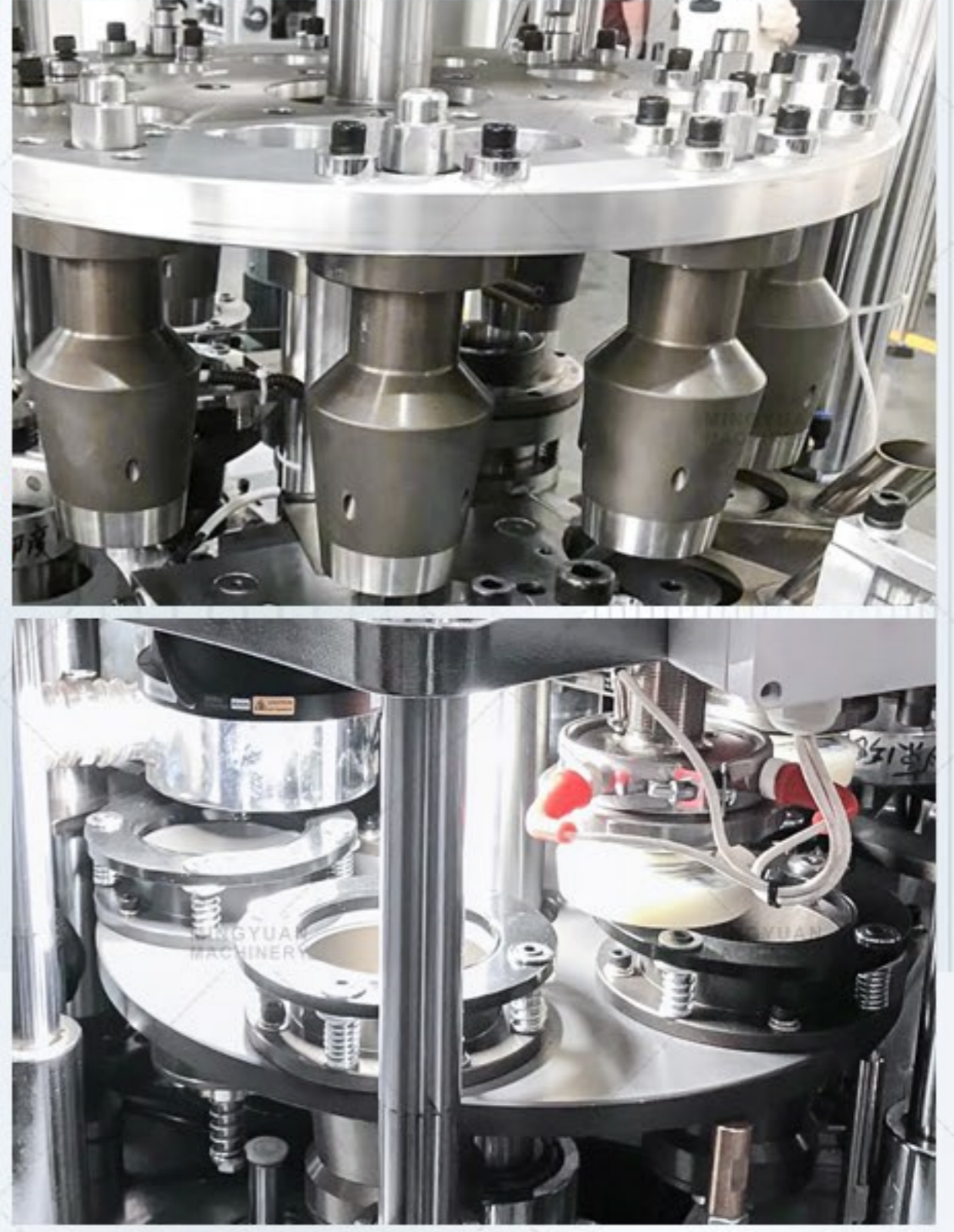
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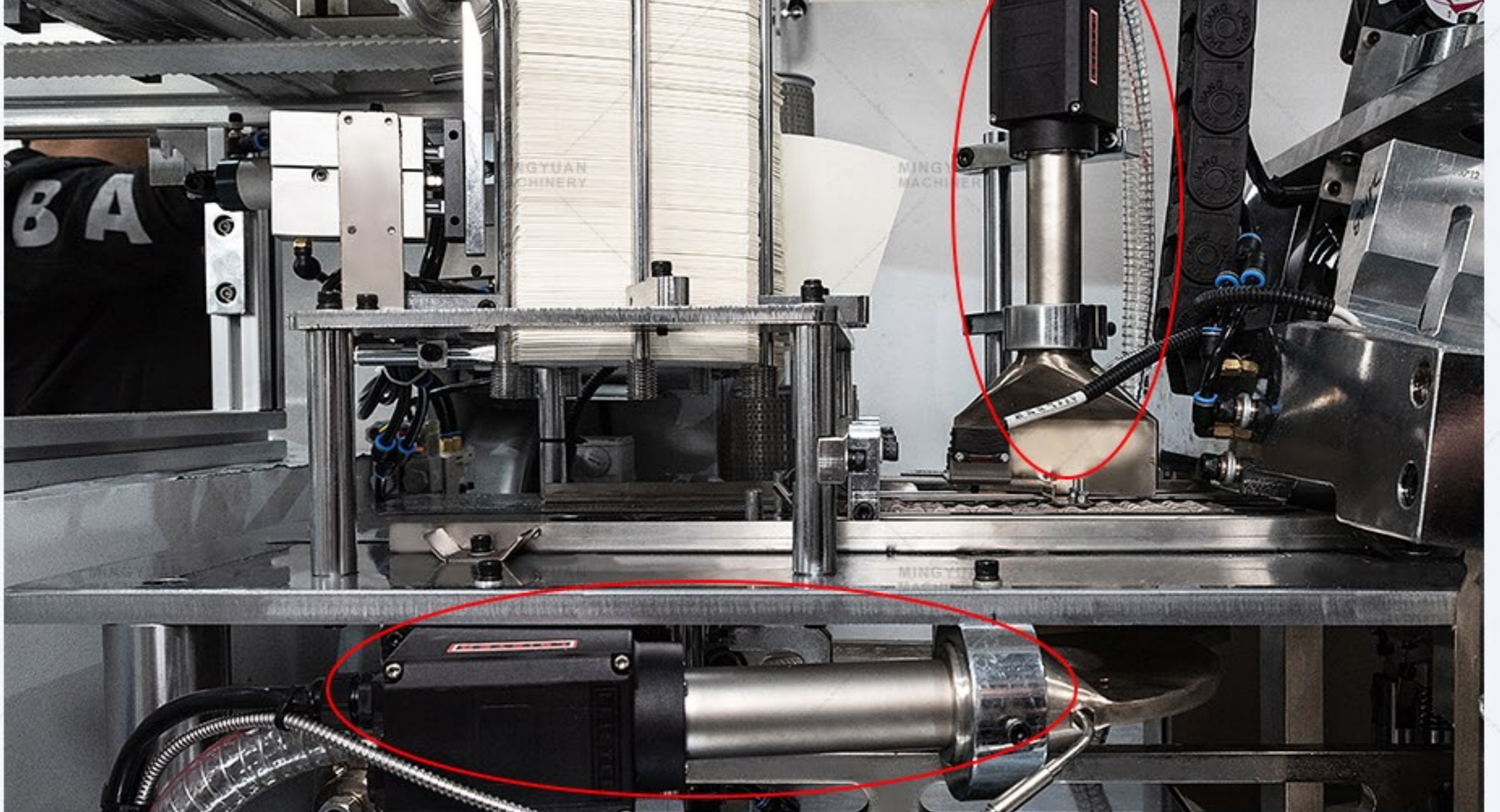
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## Two Turnplate Design



Machine is with two turnplate design, and it can increase machine running speed. Bottom knurling and top curling are in separate turnplate, more stable at higher speed.

## Swiss Brand Hot Air Pre-heater



Swiss brand hot air pre-heater both side of paper fan is preheated by the hot air preheater which ensure the better welding effect (no leakage trouble) by ultrasonic sealing when machine is running at high speed.

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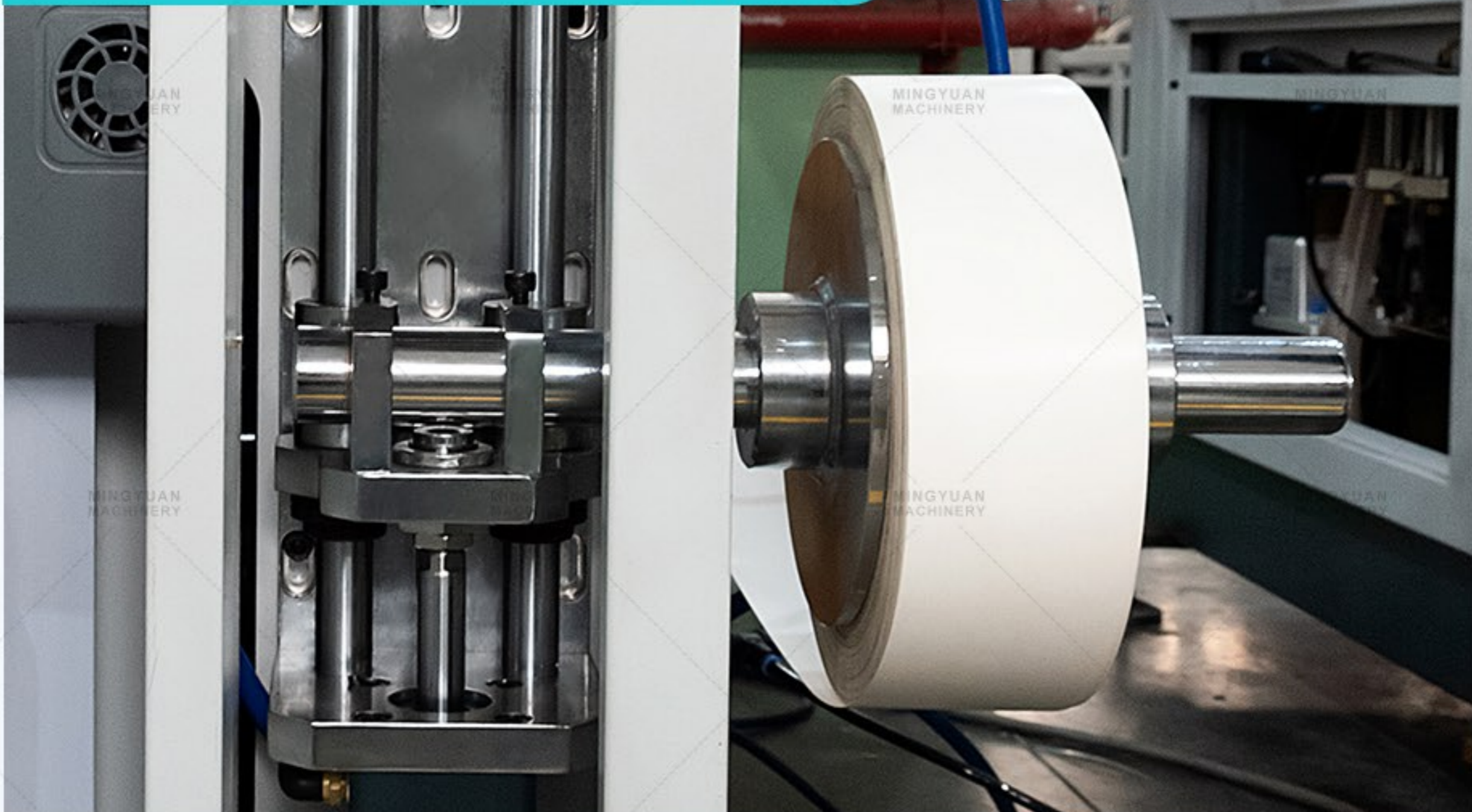
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## Two Times Top Curling Unit(With Heater)



Twice heating and curling make the top curling better and tighter . Compared with once curling ,twice curling is more suitable for high speed running and make the cup curling tight and better looking without cracked.

## Bottom Roll Paper Lifting Unit



The bottom roll paper can be lifted up easily by the air cylinder

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Supply of air continuously to the hot air heater.

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It is best choice for high speed machine compared with the iron mould, lighter in weight, greatly improves the torque force of the spindle, longer service life and better quality.

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# Electric Components List

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Brand	Picture	Name
		INVERTER 1 x PCS
		PlcAC ContactorC 4 x PCS
		SERVO DRIVER 1 x PCS
		CIRCUIT BREAKER 1 x PCS
		PLC 1 x PCS
		SOLID STATE RELAY 4 x PCS

# Rest Assured To Buy

We are a company  
with solutions

AFTER-SALES VIDEO

YouTube



## Warranty of Spare Parts

Spare Parts guarantee for  
one year since client  
received machine



## Technical Engineer Support

Send technician for installation &  
training, the cost cover by buyer  
(round ticket, accommodation,  
Salary of USD 150 Each day)



## Operation Manuals & Online Supports

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



## Bussiness Support

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

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# 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**

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

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 ✓✓

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

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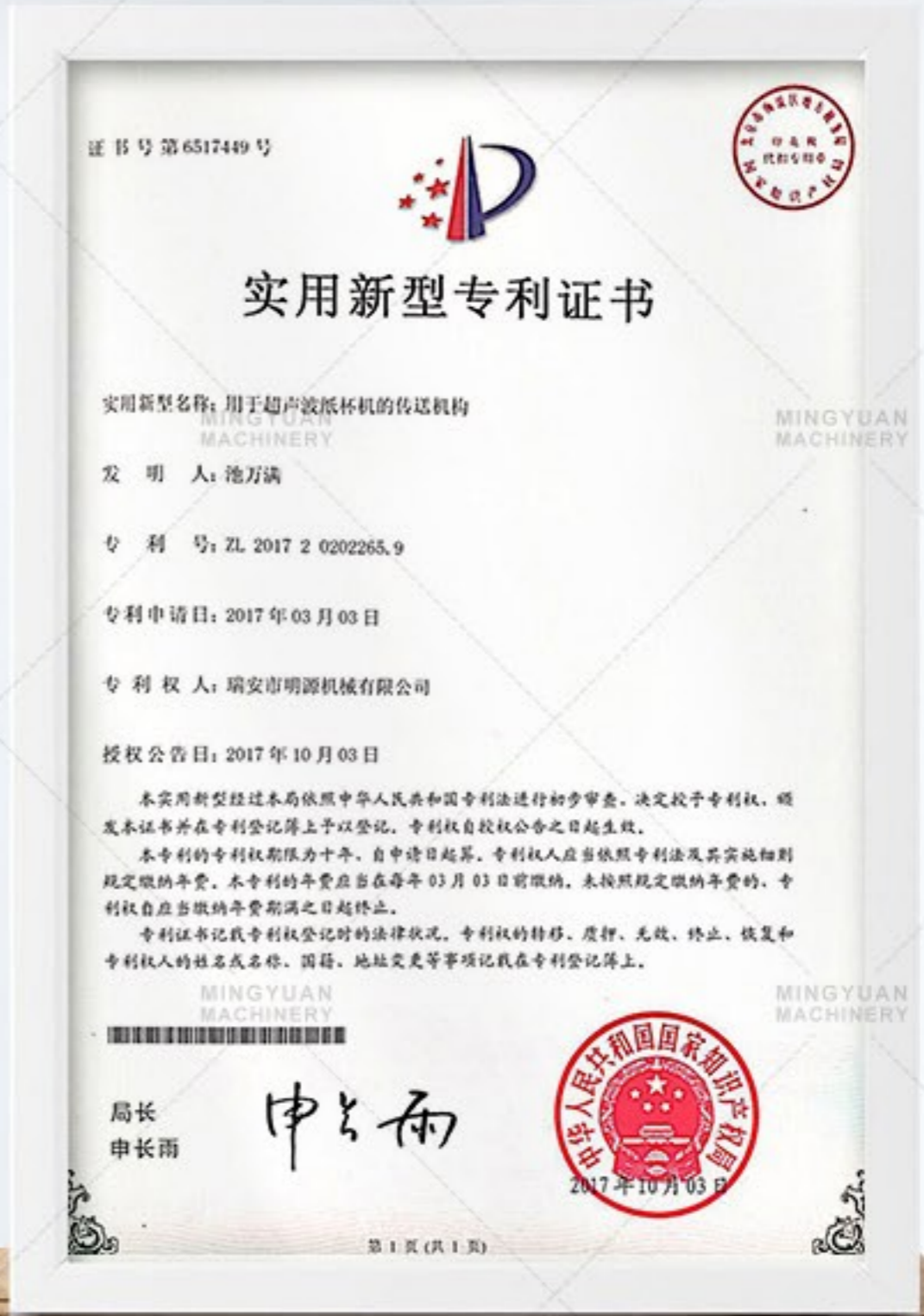
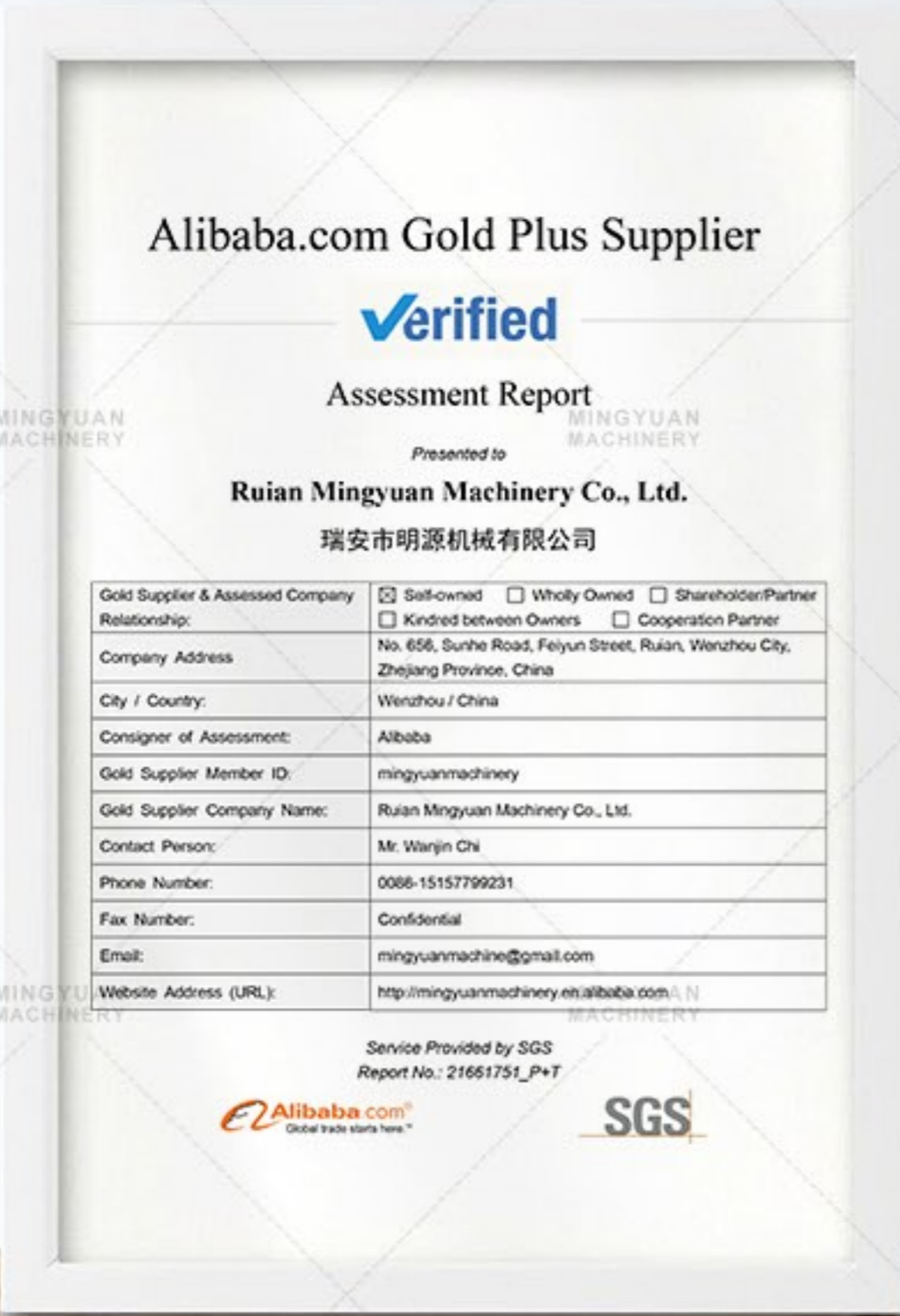


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# Company View Image

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# Other Machine

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Intelligence Paper Cup Machine



High Speed Paper Lid Machine



Hydraulic Paper Plate Machine



Intelligence Paper Bowl Machine



Paper Cup Sleeve Machine



Intelligence Paper Bucket Machine