

# CP-5004Z Four-Axis Servo Screen Printing Machine for Irregularly Shaped Bottles



## ★ Scope of application

This four-axis servo irregular shape screen printing machine is suitable for printing on various round, conical, oval, flat, and square plastic bottles, glass bottles, metal cans and other packaging containers, and is widely used in the food, pharmaceutical, and cosmetic industries.

## ★ Main parameters

Model	CP-5004Z	Maximum Printing Area	200*500mm
Printable products	Plastic bottles, glass bottles, Wine bottles, metal cans, etc.	Printable Shapes	Circle, ellipse Flat, square
Maximum size of printed products	Φ150*200mm	Print Length	≤ 200mm
Highest number of print runs	800 pcs /h	Maximum Frame	300 * 600mm

Product Positioning	Fixture positioning + cursor positioning	Air source pressure	0.5-0.8 MPa
Voltage	AC220V	Power	2.4KW
Machine size	L1000* W800 * H1630mm	Machine Weight	About 260KG

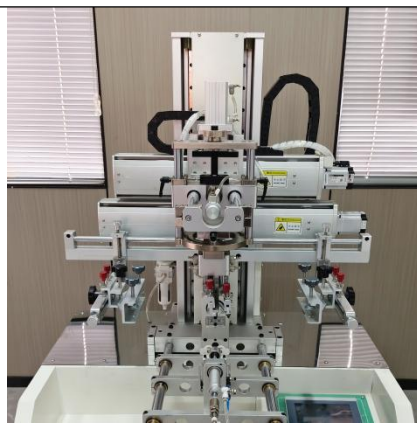
## ★ Main Performance

1. It adopts a servo control system with four-axis linkage.
2. The machine has a compact structure, occupies little space, is easy to operate, and has a high cost performance.
3. Equipped with a PLC controller and touch screen, the human-machine interface makes the entire operation simple and convenient.
4. The automatically balancing scraper ensures even printing pressure.
5. Both the worktable and the screen frame can be finely adjusted forward, backward, left, right, up, and down, resulting in high printing accuracy and convenient and quick adjustment.
6. The scraper section can be lifted independently for easy and convenient replacement and cleaning of the mesh frame.
7. We can design and customize products according to the specific requirements of our customers.

## ★ Product Details



Seal head and main beam 1



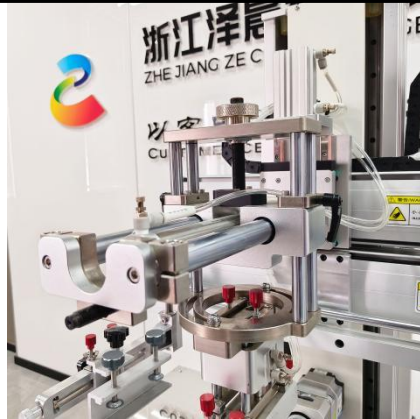
Seal head and main beam 2



Seal head and main beam 3



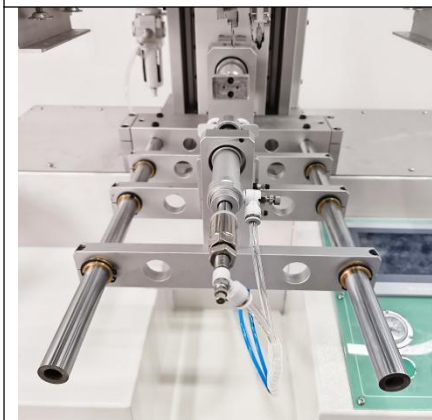
scraper ink return knife



Print head details



Doctor blade ink return fine adjustment device



Tooling Fixtures



Front Cylinder



Frame Arm



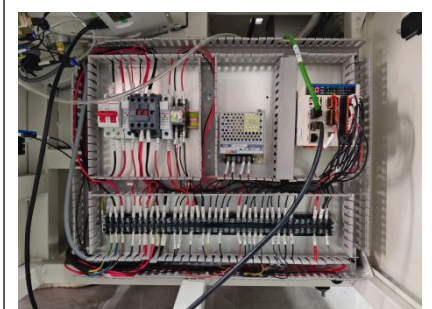
Control Panel



Left and right servo motors



Tooling Rotary Motor



Control Circuit



Servo Driver



Lifting Servo Motor

## ★ Delivery List

Serial	Tool Name	Specificati	unit	quanti	Remark
1	power cord	Standard	root	1	
2	Foot switch	Standard	indivual	1	
3	Phillips	Standard	Bundle	1	
4	movable wrench	Standard	Bundle	1	
5	Allen wrench	Standard	set	1	
6	Toolbox	Standard	indivual	1	
7	scraper, ink	Standard	set	2	Including
8	Instruction		Book	1	

## ★ Printed sample display:





Cosmetic glass bottles

## ★Corporate Image





## ★ Corporate Culture and Honors



## ★ Qualification Certificates

