

# HY-320



SCREEN PRINTING SOLUTIONS

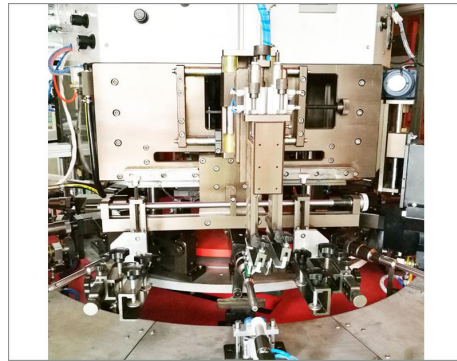
## 1 To 6 Color Automatic Soft Tube Rotary Table UV Screen Printing Machine



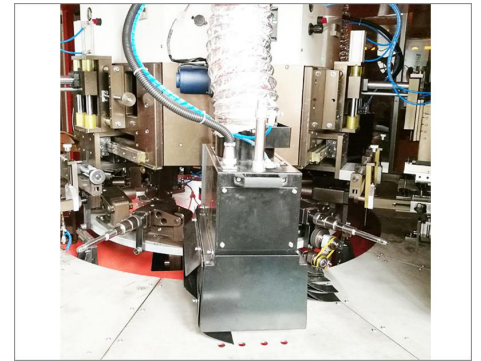
### ※ Machine Detailed Overview:



In-feed Conveyor



Printing Station



UV Curing Station

### ※ Machine Typical Applications:



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# HY-320



## ※ Machine Introduction:

- HY-320 is automatic three colors screen printing machine with 20 stations, specially designed for round objects, such as tubes, wine bottle caps, cosmetic jars and oil filter etc.
- This type of machine can integrate automatic loading and unloading system, loading and unloading robot hand, product detection, ionic wind dedusting, ultraviolet curing and mechanical convey synchronously, greatly improve printing efficiency and make the maximum printing speed up to 2700pcs/hour.
- With advanced modular program controller and touch screen monitor, the whole operation becomes easy and convenient.
- Due to specialized electronic sensors, it can achieve automatic monitoring function, such as “ No object, no printing” and automatic alarm when air pressure is too low.
- All electrical components and control systems are imported from Germany and Japan, so it ensures high quality and stability of printing .

## Optional Configuration (According to customer's requirement)

- a, Automatic feeder (can save manpower and realize fully automatic production)
- b, Servo & Cursor Positioning System (can achieve precise color register for offset printing and hot stamping)
- c, Mechanical positioning device (can realize multi-color overprinting)
- d, Transformation function between screen printing and hot stamping

## ※ Machine Main Specifications:

|                            |                               |
|----------------------------|-------------------------------|
| Printed Object Dimension : | dia10-60, L30-250mm           |
| Max. print area:           | 10-80mmx20-200mm              |
| Max. printing speed:       | 70pcs/min                     |
| Drive:                     | Mechanical driven             |
| Control system:            | OMRON PLC & Touch Screen      |
| Dust removal device:       | 3 units                       |
| Flame treating system:     | 3 units                       |
| Print head:                | 3 units                       |
| UV system:                 | 3 units intelligent UV system |
| UV lamp power:             | 3.2KW                         |
| Electrical Supply:         | 380V/480V 3phase 50Hz/60Hz    |
| Air requirement:           | 6-8 bar                       |
| Power consumption:         | 15KW                          |
| Machine Dimension (LxWxH): | 2300x2300x2350mm              |
| Machine Weight:            | 3500 KG                       |

Notes: Specifications are subject to change without further notification, please contact with Huayu Automation before ordering.

## ※ Machine Youtube Video View :

<https://youtu.be/XtzdKjpNaS4>

## ※ About Huayu Technology - HYOO :

Dongguan Huayu Automation Technology Co., Ltd provides edge technology of Smart Engineering, Machinery, and Manufacturing on the production of automatic screen printing machines. Huayu Automation meets requirements of Tubes Screen Printing, Tubes Hot Stamping, Bottles Screen Printing, Bottles Hot Stamping, Caps Screen Printing, Closures Screen Printing, Cups Screen Printing... Various Containers Printing solutions can be provided by HYOO.

**20 YEARS EXPERIENCE IN MANUFACTURING PRINTING MACHINES**

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