

HY-340



SCREEN PRINTING SOLUTIONS

1 to 3 Colors Automatic Pressure Tank Silk UV Screen Printing Machine Printer



※ Machine Detailed Overview:



In-feed Conveyor



UV Station



Printing System

※ Machine Typical Applications:



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※ Machine Introduction:

- Use the conveyor belt to load the material to ensure the same direction flow in, and use the CCD vision function to keep the red knob at the mouth of the bottle consistent. No object no print sensing device, Japanese OMRON modular motion controller and Omron/Pro-face touch screen control system
- Adopt original Taiwan imported Dex dex indexer and stepper motor drive or equivalent products
- South Korean LG lamp beads LED curing, Fully adopt Japanese SMC solenoid valve and cylinder, Ion wind dust removal device
- The screen frame and fixtures adopt servo drive, The LED adopts servo drive, and the curing time can be adjusted arbitrarily
- Discharge through the rotating manipulator, The discharging needs to stand on the conveyor production line of customer factory. We will equip a 2m conveyor belt for testing and using, The fixtures are all processed by high-precision CNC processing to ensure accurate positioning
- PLC computer program main control, easy and convenient operation, equipped with European standard safety door device
- Production speed: 5-20 pcs/min (arbitrary adjustment)
- The color registration accuracy of the entire group of patterns is $\pm 0.5\text{mm}$, and the positioning of the entire group of patterns depends on the accuracy of the positioning handle, Servo adopts Yaskawa or equivalent Japanese brands, The final draft will be confirmed to customer company before production, With multi-point PLC module, it can be connected with the existing equipment of the factory, thereby improving production efficiency and achieving high-level automation operation
- The machine is equipped with multi-function digital operation to realize the human-computer interaction mode, thereby reducing the dependence on manpower

※ Machine Main Specifications:

Round Printed Object Dimension	Diameter: $\phi 10-100\text{mm}$, Height: 30-260mm
Round Max. print area:	L 260 x W 220mm
Oval Printed Object Dimension	R: 10-250mm, Height: 30-260mm
Oval Max. print area:	L 120 x W 220mm
Max. printing speed:	20 pcs/min
UV system:	2 units intelligent UV system
UV lamp power:	5KW per each
Electrical Supply:	380V/480V 3phase 50Hz/60Hz
Air requirement:	5-7 bar
Power consumption:	5.4 KW/color
Machine Dimension (LxWxH):	(2300x1800x1700mm) /color
Machine Weight:	1600 KG /color
Drive:	Mechanical driven

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

※ Machine Youtube Video View :

<https://www.youtube.com/c/ONCEMachinery>

※ 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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