

AP-400S Semi-automatic Multi Color Cylindrical Screen Printing Machine



The AP-400S is a servo-driven, rotating cylindrical screen printing machine. It features left/right movement. The machine is equipped with a branded PLC and a touchscreen that controls all movements. It also has a branded optical sensor for color-to-color registration printing. The maximum print diameter is 110mm. This machine is widely used for printing multiple colors on round objects that lack a registration mark. Thanks to servo rotation, it does not need gears when changing to bottles of different diameters.

Features

- The AP-400S is specially designed for round objects without registration lugs. Examples include plastic bottles, water bottles, glass containers, oil filters, and cosmetic tubes.
- The machine offers quick and easy tool changeover with high-precision servo positioning. All controls are conveniently operated via the touchscreen.
- It features a servo-motor drive with PLC touchscreen control.
- An optical sensor provides re-registration for multi-color printing.
- The AP-400S delivers stable and quiet machine operation.

Technical Specifications

Model:	AP-400S
Print shape	Round
Up & Down stroke Driven:	Electric motor
Print stroke Driven:	Servo motor
Re-registration system:	Servo motor & Optical sensor
Control system:	Brand PLC & Touch Screen
Print round diameter:	Ø7mm(0.276")-Ø110mm (4.33")
Maximun print area:	L350mm x H220 mm
Maximum screen frame size:	800 x 400mm (31.50" x 15.74")
Printing cycle speed:	2000 cycles/hour
Registration tolerance:	+/- 0.3-0.5 mm (except products tolerance)
Electrical supply:	110V/220V 50-60Hz 2.5KW
Air requirement:	5-7 bar
Machine dimension:	L900 x W800 x H1450 mm
Weight:	200 kg (440.92 lbs)