

AP-400 Semi-automatic Round Screen Printing Machine



The AP-400 semi-automatic screen printer is designed for bottles and containers. This machine is well-designed and versatile. The AP-400 can screen print on flat and cylindrical objects. Examples include blow-molded bottles, cosmetic tubes, aluminum water bottles, drumsticks, and glass pipettes. The AP-400 features quick and simple tooling changeovers and precise mechanical registration. It also offers convenient controls on the front panel. These features make the AP-400 the perfect all-around universal screen printing press.

Features

- Electro-pneumatic controlled
- Programmable setup
- Pneumatic controlled with shock absorbers
- Vertical head lift with up/down lock
- Linear ball bearings on hardened shafts
- Foot switch controlled
- Squeegee tilt, skew, and height adjustments
- Screen frame angle adjustment
- Universal fixture bar for mounting custom tooling
- Bottle inflation system with regulator
- Bottle inflation is synchronized with print cycle
- Regulated squeegee pressure with pressure gauge
- Floor levelers & casters
- Emergency stop button installed, safety guarding is optional

Specifications

Model:	AP-400
Drive System:	Pneumatic
Frame Up/Down Stroke:	100mm (3.94")
Maximum Print Area Round:	110mm (4.33") Ø
Maximum Print Area Oval:	340mm (13.39") Arc Length
Working Table Size:	250 x 350mm
Table Adjustment:	X,Y ± 15 mm / θ 15 °
Maximum Screen Frame Size:	380 x 580mm
Screen Frame Thickness:	18 – 25mm (.71" – .98")
Squeegee Angle:	0-15°
Printing Cycle Speed:	1,200 cycles/hr
Squeegee Speed:	20/min
Squeegee Pressure:	2 – 4 Bar
Electric Source:	110V/220V 50-60Hz 50W
Air Pressure Input:	80 psi
Air Consumption:	0.7 L/cycle
Machine Weight:	150 kg
Machine Weight (including crating):	190 kg
Dimensions (L x W x H):	1,000 x 950 x 1,400mm
Crate Dimensions:	1,080 x 1,010 x 1,520mm