



A culmination of years of design experience, the Systematic Automation Model SX is the thoroughbred of multicolor in-line UV presses.

The SX uses a unique patented design (U.S. patent #6,230,876) which allows full edge to edge printing of products sized up to 22" x 26" (558 x 660 mm). Aircraft grade honeycomb vacuum tables advance from printer to printer and return in a continuous production flow, at speeds up to 1200 products per hour, for six color finished products with the tightest multicolor registration possible. The self-contained bolt-in module format allows the SX to be expanded from two to six colors.

The touch screen control panel allows the operator to set all parameters governing machine operation. Flood speed, print speed, stroke length and all other parameters can be saved for quick recall of repeat production runs.

Systematic Automation Ultra Light UV cure units, with patented (U.S. patent #6,191,428) cold mirror technology are standard on the SX. These are the coolest UV units available.

All controls are up-front and include a sliding touch screen control panel that makes set up quick and easy. Other controls include X, Y, and angular screen adjustment with dial indicators. Screen loading and clamping can easily be achieved by one operator.

Safe operation is always a concern, and the SX integrates safety interlocks and overload protection for operator and machine safety. And as an option, an emergency stop rope, which permits stopping from any location, is available.

The SX has the best price to performance ratio in the industry. Call today and see how the Systematic Automation SX can help get the big jobs done.

MODEL SX

ENGINEERING FEATURES

- Modular design-easy expandability.
- Ease of adaptation for loading and unloading systems.
- Hardened track and roller bearings.
- Lubrication of critical friction parts.
- User friendly program on touch screen.
- Safety interlocks and overload protection for operator safety.
- Dual print head for large size formats.
- Speed and stroke adjustment for flooding and printing.
- X, Y, and angular micro adjust table.
- Screen frame registration for accuracy.
- Air cooled shutter systems provides a constant flow of cool air to the UV irradiator housing.
- Front and rear safety sliding doors with interlocks.
- System dump valve in every module.
- Durable and reliable mechanical and electrical hardware.
- Stainless steel shafts, and aluminum is anodized to resist corrosion.

STANDARD FEATURES

- Emergency stop.
- Stainless steel air cylinders.
- Screen frame micro adjust.
- Heavy duty welded steel machine base.
- Automatic retracting pins in vacuum table.
- Ultra Light UV system.
- Ultra Light air cooled UV shutter system.
- Product holding vacuum system.
- Adjustable squeegee pressure with gauge and regulator.
- Adjustable squeegee and flood stroke speed.
- Heavy duty locking casters and leveling feet.
- Operator control panel, PLC based control, servo drivers and motors.

OPTIONS

- Forced peel away.
- Additional print stations.
- Automatic load and unload system.
- Take off devices.
- Product registration at load station.
- Anti-static device.
- Pre-print product cleaning tacky roller.
- Screen frame micro adjust dial indicators.
- Off contact dial indicator.
- Pick and place with or without slip sheet.
- Tower light status indicator.
- E-stop rope permits stopping from any location.
- Adjustable squeegee angle.
- Automatic ink dispenser.
- Product present detect.
- Pretreatment station.

TYPICAL APPLICATIONS

- Overlays
- Nameplates
- Signs
- Membrane switches
- Glass and ceramics
- License plates
- Your product

Specifications	Model SX (Information based on a 2 color printer)
Speed Range (Impressions per Hour)	Variable to 1200 IPH
Print Registration & Repeatability	+/- .001" (.025 mm)
Electrical Requirement	3 phase, 208 & 406 VAC, 60 Hz (Other options available. Consult with the factory.)
Air Consumption	8 CFM, 80 PSI, 552 kPa
Maximum Print Area Flat	24" x 36" (610 x 915 mm)
Maximum Screen Frame Size	54" x 36" (1372 x 914 mm)
Machine Dimensions (Length x Width x Height) (2 colors)	314" x 85" x 89" Add 66" (1676 mm) each color. (1422 x 1676 x 2438 mm)
Machine Weight (Approximate)	8200 lbs. (3720 kg.)



20 Executive Drive, Farmington, CT 06032

For immediate assistance:

Tel: 860-677-6400

Email: samail@systauto.com

Web: www.systauto.com

© 2015 Systematic Automation Inc.
All rights reserved. U.S. and international patents pending.
Specifications subject to change without notice.