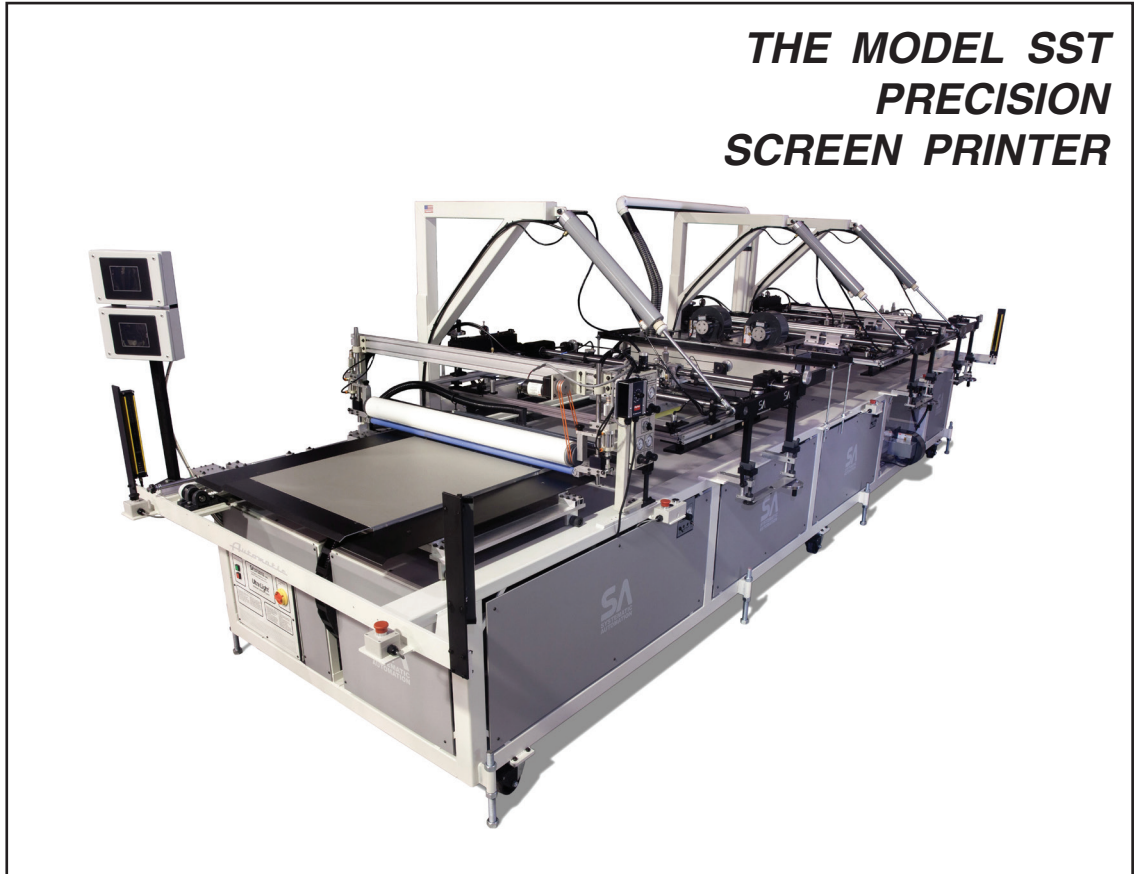


THE MODEL SST PRECISION SCREEN PRINTER



The Model SST can screen print up to six colors in one machine cycle with super precision accuracy, at an affordable price. The SST is the only screen printing machine in the world that allows you to change the sequence of color laydown without moving screens, squeegees, or flood bars. Automatically double or triple print color with the user friendly touch screen interface. You can also precisely set individual curing exposures and do it all with one UV light source.

Printer setups can be saved and recalled at any time. Anti-static and Pre-cleaners are also available.

This unique motion control system (patent pending) and the proprietary graphical user interface are available only from Systematic Automation.

SST Screen Printers are at work around the globe, in dozens of industries. These machines are producing graphic overlays, membrane switches, decals, signs, 3D parts, nameplates, touch screen panels, glassware, giftware, advertising specialties and many other products.

MODEL SST

ENGINEERING FEATURES

- Reliable, simple design.
- Fast and smooth operation.
- Machine tool quality and durability.
- Design permits easy modification and integration.
- Hardened ground and polished shafts with linear ball bearings rated at over 300 million cycles.
- Extremely accurate sliding table position.
- Table servo drive coupling features overload/crash protection.
- Setting "off contact" easily via handwheel.
- Toggle switch on each printer to lift carriage for access to screen frame.
- Rear screen frame holder is hinged providing quick access to inside of screen and squeegee with no loss of registration.
- Easy to set up, good accessibility to printers.
- Squeegee is easily removable and re-installable in seconds without tools.
- Excellent operator protection from UV light and pinch points with free access to printer.
- Safety light curtain guarding.
- Very rigid base manufactured from steel.
- Designed for continuous operation.
- Simple and easy to service.

STANDARD FEATURES

- Adjustable squeegee and flood stroke speeds.
- Variable squeegee pressure with panel gauge.
- Single cycle two color printing.
- Two 20" (500 mm) stroke screen printers with X, Y, and angular microadjust tables.
- Operator control panel, PLC based control, servo drivers and motors.
- Heavy duty machine casters, and adjustable height leveling feet.
- Independent control panels and circuits for each screen printer.
- Pre-registration pins on screen frame holders.
- Squeegee holder with material and flood bar.
- Quick release pneumatic screen frame clamp controlled by independent panel switches.
- Independent squeegee/flood bar height adjustment.
- Mercury vapor curing unit with fans, power supply and light shield.
- Touch screen interface.

OPTIONS

- 3, 4, 5, or 6 color capability.
- Dual print head for precise squeegee pressure for images 16" (41 cm) or wider.
- Dial indicators for screen frame micro adjust.
- Off contact dial indicator.
- Anti-static device.
- Emergency stops.
- Pre-print product cleaner device.
- Vacuum table of aircraft aluminum honeycomb construction guaranteed flat within +/- .001" (.025 mm).
- High flow vacuum system.
- Adjustable squeegee angle.
- Servo squeegee drive.
- Pneumatic screen frame clamps
- Vibration absorbing machine leveling feet.
- Pin registration system.
- Automatic ink dispenser.
- Auto load and unload systems.
- Ultra Light UV System.
- Ultra Light air cooled shutter system.

TYPICAL APPLICATIONS

- Graphic overlays
- Membrane switches
- Touch screen panels
- Advertising specialties
- Glass and ceramics
- Your product

Specifications	Model SST (based in a 2 color printer)
Speed range (Impressions per second)	4 seconds per color
Print Registration & Repeatability	+/- .001" (.025 mm)
Electrical Requirement	3 phases, 208VAC 30A, 60 Hz (Other options available. Consult with the factory)
Air Consumption	8 CFM, 80 PSI, 552 kPa, 139.0 L/min
Maximum Print Area (See options to increase your width)	18" x 19" (457 x 482 mm)
Maximum Screen Frame Size	24" x 24" (609 x 609 mm)
Shipping Dimensions (Length x Width x Height)	150" x 64" x 71" (3810 x 1625 x 1803 mm)
Shipping Weight (Approximate)	2800 lbs. (1270 kg.)



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