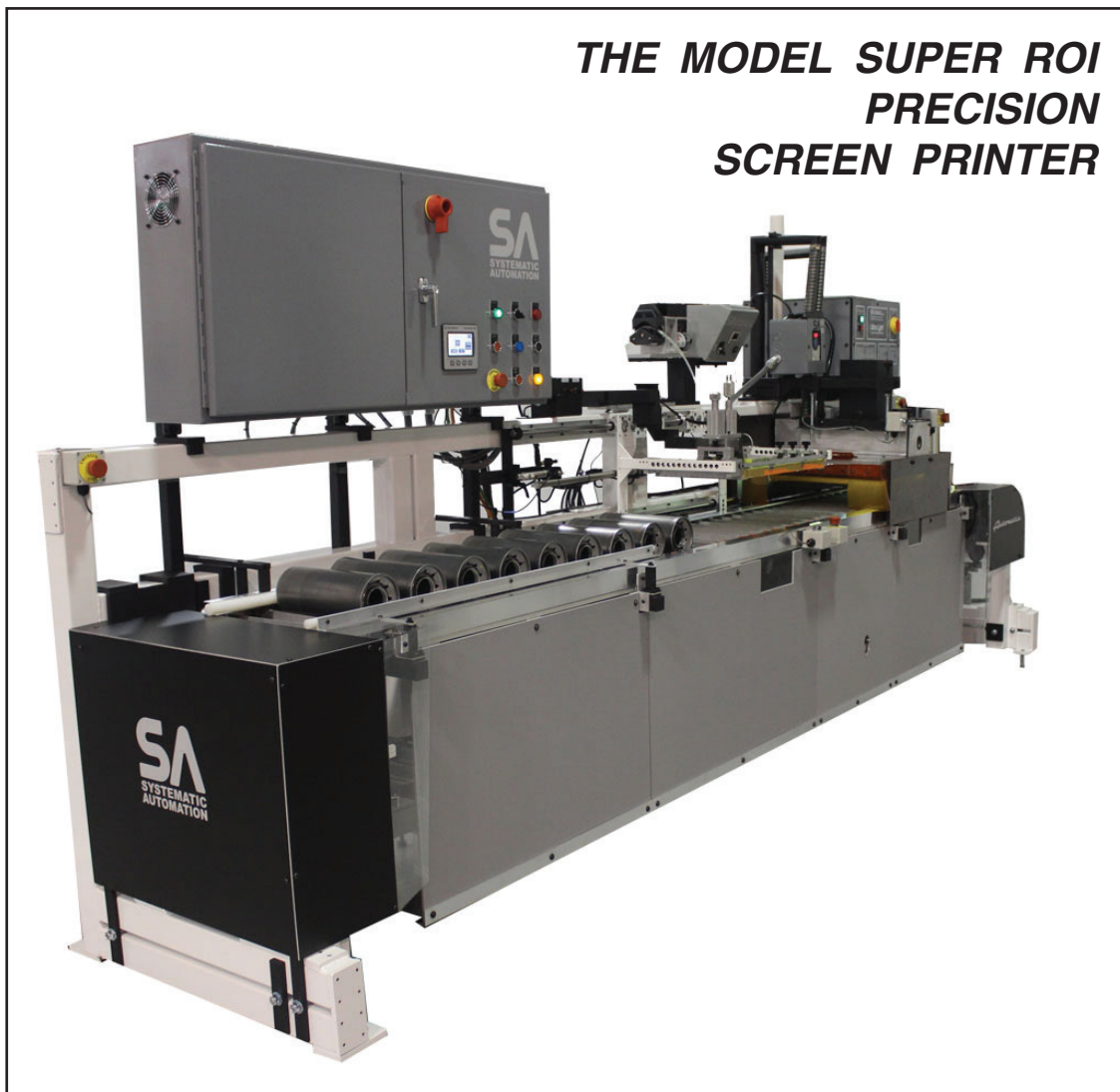


**THE MODEL SUPER ROI
PRECISION
SCREEN PRINTER**



Day after day, decade after decade, the Super ROI will faithfully produce. The utterly simple design allows service and maintenance with basic tools. There are no complicated computers or dedicated control boards to become obsolete or burn out, just the most rugged machine and reliable control system the world has to offer. Made in USA and ready to get to work. This is a machine that will just keep paying for itself over and over again.

The Super ROI is a precision one to six color screen printing machine for cylindrical products incorporating the latest in servo technology. The machine uses the proven Systematic Automation Ultra Light UV curing technology (LED optional). What makes the Super ROI cost effective and efficient is the simplicity of its design.

The linear transport of your products in one direction, combined with minimal lifting to print and cure, minimizes the product handling and systems required for perfect printing. Load your cylindrical products onto the wide loading area by hand or by robot. The Super ROI will detect product presence, pre-treat (optional), print, UV cure at a powerful 400 WPI and take off at a speed you will be happy to try to keep up with.

MODEL SUPER ROI

ENGINEERING FEATURES

- Reliable simple design.
- Fast, smooth operation.
- Machine tool quality and durability.
- Allen Bradley servo drive and motor.
- Allen Bradley touch screen display.
- Modular design permits easy modification and integration.
- Indexing conveyor is overload/crash protected.
- Adjustable squeegee and flood stroke speed.
- Operator protection from UV light and mechanical pinch points while maintaining free access to the loading station and screen printers.
- Designed for continuous duty operation.
- Precision linear motion bearings on the printer and substrate transport mechanism are rated at over 300 million cycles.
- Low maintenance lube free drive system.
- Stainless steel printer shafts to resist corrosion.
- Worldwide availability of spare parts.

STANDARD FEATURES

- Adjustable operating speed.
- Adjustable print stroke speed.
- Adjustable flood stroke speed.
- Adjustable squeegee pressure with gauge and regulator.
- Multiple emergency stop buttons.
- Single cycle/automatic mode selector switch.
- UV spin speed control.
- Part up/down speed control for print station and UV curing system.
- 20" (508 mm) stroke print head.
- All necessary squeegee holders, squeegee material, and flood bars.
- Touch screen display with operator control panel, PLC based control.
- 6" (152 mm) UV Ultra Light system single power 400 WPI (watts per inch) power supply, and UV irradiator.
- 6" (152 mm) air cooled UV shutter system.

OPTIONS

- Add up to 6 colors.
- Tooling for your product.
- Automatic ink dispenser.
- Light curtain.
- Pre-treatment station.
- Screen frame micro adjust.
- Screen pre-registration system.

TYPICAL APPLICATIONS

- Oil filters
- Cups
- Tubes
- Jars
- Mugs
- Glass candle containers
- Drinkware

Specifications	Model Super ROI (Information based on 2 a color printer)
Maximum Printing Cycle Speed	2 seconds (Depends on substrate)
Print Registration & Repeatability	+/- .002" (.050 mm)
Electrical Requirement	3 phase, 208/240 volts, 60Hz (Other options available. Consult with the factory.)
Air Consumption	3.5 CFM, 80 PSI, 552 kPa
Maximum Screen Frame Size	To suit application requirement
Maximum Print Length Along Circumference	To suit application requirement
Overall Machine Dimensions (Length x Width x Height)	168" x 60" 84" (4267 x 1524 x 2134 mm) Add 42" (1067 mm) each color
Shipping Weight (Approximate)	1800 lbs. (818 kg.)



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