The Systematic Automation Model F1 Semi-Automatic machines are the blue collar printers of the industry, combining high quality with affordable cost for years of dependable, precision performance.

Extremely simple and reliable, these versatile printers are ideal for proofing, short sample and medium production runs of a limitless range of screen printable products, regardless of shape or product. Engineered and manufactured entirely in the USA, the F1 printers provide the innovation and craftsmanship needed to meet the most exacting production requirements.

Designed to grow your business, Systematic Automation offers literally hundreds of attachment combinations to accommodate future applications. The addition of modular components easily upgrade the F1 to fulfill increased production and customization demands.

Backed by more than three decades of engineering and manufacturing expertise incorporating the latest technology, our time tested and proven systems continue to set the standards for screen printing in every major industry today. When production, precision and price are paramount, your best choice is the Systematic Automation Model F1 Semi-Automatic Precision Screen Printer.

ENGINEERING FEATURES

- Machine tool quality and durability.
- Stainless steel air cylinders.
- 100% made in USA.
- Aluminum tooling plate base ground flat within +/- .001" (.025 mm).
- Hardened, ground, and polished shafts with linear ball bearings rated at over 300 million cycles.
- 100% air operation.
- Pneumatic system cannot overload or burn out, or become obsolete.
- Carriage closes with minimal force for operator safety.
- Variable print stroke length.
- Universal screen mounting.
- Hinged rear screen frame holder to provide quick access to screen, squeegee and flood bar.
- Quick release squeegee holder and flood bar assembly.
- Smooth, quiet operation.

STANDARD FEATURES

- Variable flood bar speed.
- Adjustable print stroke length.
- Variable carriage down speed.
- Adjustable squeegee pressure with gauge and regulator.
- Foot pedal cycle start.
- Adjustable screen lift height.
- Print/flood cycle – machine "waits" in flood position.
- Air shut-off switch.
- Heavy-duty X, Y, and angular micro adjust table.
- Heavy-duty welded steel base with casters and tote bins.
- Squeegee holder.
- Independent squeegee/flood bar micro height adjustment.

OPTIONS

- Cylindrical printing capability.
- Three precision dial indicators mounted on X, Y, and angular micro adjustable table.
- Adjustable squeegee pressure with gauge and regulator.
- Off contact precision dial indicator.
- Dual print head for precise squeegee pressure for images 16" (406 mm) or wider.
- Adjustable squeegee angle.
- Flood/print cycle replaces standard print/flood cycle.
- Vacuum table. Anodized top surface available.

TYPICAL APPLICATIONS

- Ad specialties
- Molded plastics
- Glass and ceramics
- Membrane switches
- Nameplates
- Labels
- Panels
- Decals
- Cosmetic containers
- Medical devices
- Your products

Specifications	Model F1-12	Model F1-20	Model F1-30
Speed Range (Impressions per Hour)	Variable to 2500 IPH	Variable to 2500 IPH	Variable to 2500 IPH
Print Registration & Repeatability	+/- .001" (.025 mm)	+/- .001" (.025 mm)	+/- .001" (.025 mm)
Electrical Requirement	None	None	None
Air Consumption	2.5 CFM, 80 PSI, 552 kPa, 7.L/min	2.5 CFM, 80 PSI, 552 kPa, 7.L/min	2.5 CFM, 80 PSI, 552 kPa, 7.L/min
Maximum Print Area Flat (See options to increase your width)	8" x 10" (203 x 254 mm)	12" x 18" (305 x 457 mm)	12" x 27" (305 x 686 mm)
Maximum Screen Frame Size	18" (457 mm) front to back	26" (660 mm) front to back	36" (914 mm) front to back
Maximum Print Area Along Circumference (Optional)	5" (127 mm)	9" (228 mm)	14" (355 mm)
Shipping Dimensions (Length x Width x Height)	66" x 48" x 66" (1676 x 1219 x 1676 mm)	66" x 48" x 66" (1676 x 1219 x 1676 mm)	86" x 48" x 66" (2184 x 1219 x 1676 mm)
Shipping Weight (Approximate)	400 lbs. (181 kg.)	400 lbs. (181 kg.)	425 lbs. (192 kg.)

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