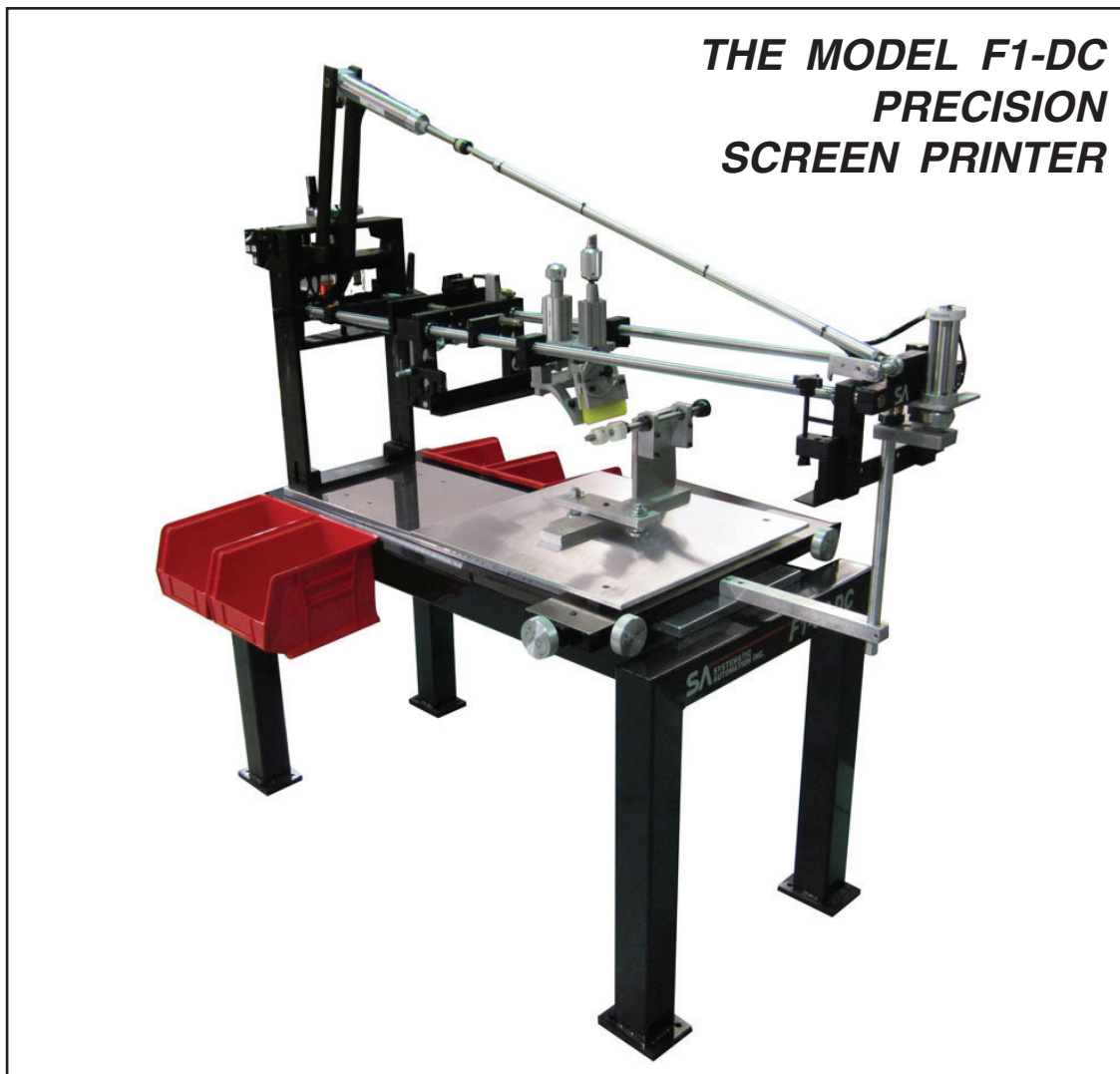


**THE MODEL F1-DC
PRECISION
SCREEN PRINTER**



You've got a business to run – jobs to get done and payroll to make. We understand those pressures and it shows in the machines we design and build. The Model F1-DC Precision Screen Printer will be an asset for your business that will keep paying for itself for years to come. We offer options to build a machine to match your specific products, and no one is in the same class in terms of durable construction and practical design. Changeover between different products is a simple 30 second process. Fulfill your orders, while decreasing your labor cost with the machine's quick throughput of 3600 products per hour (depending on your product). Whether your business involves short runs or high volume production, Systematic Automation semi-automatic machines deliver for both the silk screen technician and shop manager.

ENGINEERING FEATURES

- Machine tool quality and durability.
- 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.
- 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

- Heavy-duty X, Y, and angular micro adjust table.
- Variable squeegee speed.
- Variable flood bar speed.
- Flood bar.
- Foot pedal cycle start.
- Adjustable print stroke/print flood length.
- Print/flood cycle – machine "waits" in flood position.
- Overhead carriage screen lift switch.
- Heavy-duty welded steel base with casters and tote bins.

OPTIONS

- Quick-changeover tooling.
- Adjustable squeegee pressure with gauge and regulator.
- Stroke counter.
- Multicolor registration system.
- Adjustable squeegee angle.
- Flood/print cycle replaces standard print/flood cycle.
- Inflation system.
- Adjustable universal ware holder.

TYPICAL APPLICATIONS

- Mugs
- Plastics cups
- Buckets
- Molded plastics
- Glass and ceramics
- Cosmetic containers
- Medical devices
- Syringe barrels
- Oil filters
- Pint glasses
- Your cylindrical products

Specifications	Model F1-12 DC	Model F1-20 DC	Model F1-30 DC
Speed Range (Impressions per Hour)	Variable to 3600 IPH	Variable to 3600 IPH	Variable to 3600 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
Optimum Screen Frame Size	14" (356 mm) front to back	18" (457 mm) front to back	24" (610 mm) front to back
Maximum Print Area Along Circumference	7" (178 mm)	11" (279 mm)	16" (406 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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