



THE MODEL CC-5000 PRECISION SCREEN PRINTER

LIMITLESS CUSTOM FLEXIBILITY

The Model CC-5000 Screen Printer has been designed for production printing all types of flat materials from .025" (.635 mm) to .030" (.762 mm) thick.

A wide range of standardized parts feeding devices have been developed for many types of substrates and shapes.

Applications for the CC-5000 have been as varied as the customers we serve, and by combining our own capabilities with our customer's innovative approaches, Systematic Automation products applications are being constantly expanded.

THOROUGHbred PERFORMANCE

The CC-5000 is the most thoroughly researched, thoroughly-tested Systematic Automation printer ever. With engineering that reflects hundreds of design suggestions from professionals like yourself. Engineering whose prowess has produced the finest and fastest screen printing machine in the world, the CC-5000.

Of equal importance to the success of your investment is the fact that the CC-5000 incorporates highest grade materials and workmanship and has few moving parts for increased reliability. And reliability assures that your investment will be as prudent as it is productive.

VERSATILITY

The CC-5000 can be dedicated to print plastic cards, labels, lighters, microscope slides, coins, small circuit boards rulers and much more.

Quite often, your high volume printing needs can be applied to this machine.

IMPROVED FEATURES FOR AN IMPROVED BOTTOM LINE

Job set up and changeover is fast and easy thanks to features like X, Y and rotational micro adjustment for screen to part registration.

Flip a switch on the control panel and the entire carriage opens wide providing access to the bottom of the screen. The rear screen frame holder is precision hinged providing access to the inside of the screen and squeegee without affecting registration. Screen to part off contact distance is easily adjusted by turning a hand-wheel at the top of the machine.

Printed parts are held motionless for 1/2 second on an open area of the feeder prior to ejection onto a dryer conveyor belt. This enables visual inspection of the parts while the machine is in operation.

In sum, the Systematic Automation Model CC-5000 can offer precisely what you demand from your next investment: a clear cut justification for every dollar spent.

ENGINEERING FEATURES

- Precision machine tool quality and durability.
- Stainless steel air cylinders.
- Adjustment for varying product widths and thicknesses.
- Hardened, ground and polished shafts, top quality linear ball bearings rated at over 300 million cycles.
- Simple, reliable air logic controls.
- 100% air operation
- Pneumatic system cannot overload, burn out or become obsolete.
- Universal screen mount.
- Easily removable squeegee/flood bar assembly.
- Flood bar rises and falls alternately with squeegee.
- Hardened steel, feed fingers.
- Smooth, quiet operation.
- Carriage opens pneumatically for screen cleaning and set up.
- Worldwide component parts availability.

STANDARD FEATURES

- Adjustable print stroke speed.
- Adjustable flood stroke speed.
- Variable stroke length.
- Machine designed to accommodate pre-treat and anti-static, or clean wipe stations.
- Six-digit reset counter.
- Pneumatic control panel.
- Emergency stop.
- Machine leveling feet.
- Single-cycle push button for set up.
- Vacuum pump (4.5 cfm).

OPTIONS

- Anti-static device.
- Pre-print product cleaning device.
- Pre-treat station.
- Pick and place devices.
- Stacking devices.
- Product present detect.
- Adjustable squeegee angle.
- Dial indicators for X, Y and angular screen frame micro adjust.
- Empty feeder magazine detector (automatically stops machine).
- Printed product stacking devices (stacks printed products from dryer conveyor).
- Automatic ink dispenser.
- Many custom applications.

TYPICAL APPLICATIONS

- Plastic cards
- Luggage tags
- Nail files
- Lighters
- Your application

Specifications	Model CC-5000
Speed Range (Impressions per Hour)	Variable to 4000 IPH
Print Registration & Repeatability	+/- .001" (.025 mm)
Electrical Requirement	1 phase, 208-240 VAC 30A, 60 Hz (Other options available. Consult with the factory)
Air Consumption	3.5 CFM, 80 PSI, 552 kPa, 99.0 L/min
Maximum Print Area	3" x 5" (76 x 127 mm) Or built to accommodate your product.
Maximum Screen Frame Size	16" x 14" (406 x 355 mm)
Machine Dimensions (Length x Width x Height)	49.5" x 61.5" x 59" (1257 x 1562 x 1498 mm)
Shipping Weight (Approximate)	700 lbs. (317 kg.)



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