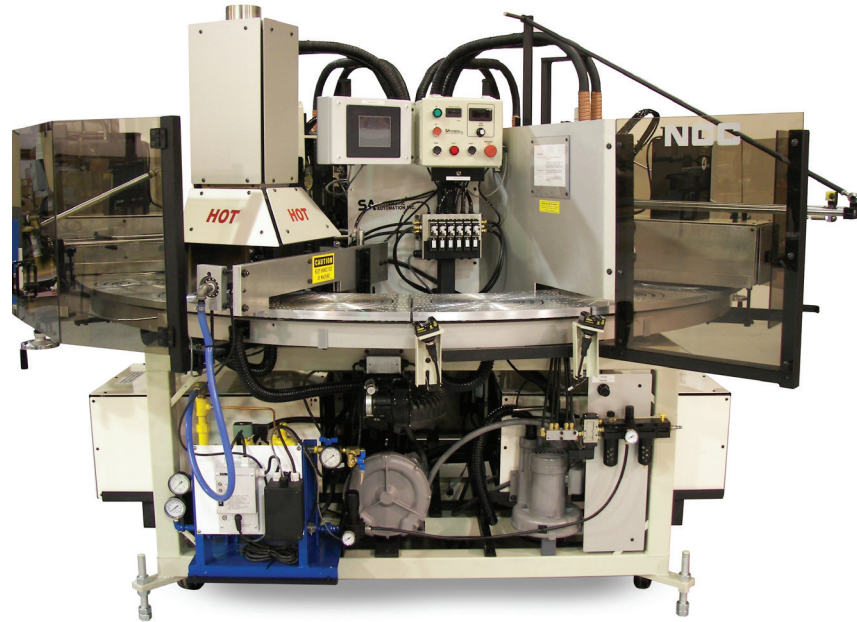


## **THE MODEL NCC PRECISION SCREEN PRINTER**



The model NCC Screen Printer (U.S. Patent # 5,784,932), a great innovation which delivers superior performance. The NCC is designed for unrivaled speed and exceptional productivity. Speeds variable to 3600 cycles per hour (depending on article) are easily achieved.

The NCC features a patented, servo motor drive with zero backlash. This combined with precision machining assures ultra-high accuracy. The table position will repeat within +/- .002" (.050 mm) and will not degrade with use. This allows the most impressive multicolor process and images to be produced.

At the heart of the machine is the Systematic Automation Hollow Ring™ high speed, super precision indexer. A touch screen user interface is used. A patented high speed UV shutter escapement delivers precise UV curing exposure.

## ENGINEERING FEATURES

- Hollow Ring™ dial to servo drive coupling is overload crash protected.
- Hardened ground and polished shafts with linear ball bearings rated at over 300 million cycles.
- Longer life and greater accuracy than mechanical cam driver indexers.
- Stainless steel shafts, nickel plating, and anodizing are used throughout to resist corrosion.

## STANDARD FEATURES

- Two 20" (508 mm) stroke precision printers.
- Adjustable squeegee stroke speed.
- Adjustable flood stroke speed.
- X, Y, and angular micro adjust.
- Quick release pneumatic screen frame clamp, actuated by a switch.
- Heavy duty locking casters and leveling feet.
- Ultra Light UV curing system.
- Ultra Light UV air cooled shutter system.
- Operator control panel, PLC based control, servo drive and motor.
- Adjustable squeegee pressure with gauge and regulator.

## OPTIONS

- Modular automatic take-off device.
- Three precision dial indicators mounted on X, Y, and angular micro adjustable table.
- Off contact precision dial indicator.
- Adjustable squeegee angle.
- Product present detect system.
- Pre-registration system for screen exposure.
- Dual print head for precise squeegee pressure for images 16" (41 cm) or wider.
- Vacuum table. Anodized top surface available.
- Anti-static device.
- Pre-print product cleaning tacky roller.
- Surface treatment flame, corona or pyrosil.

## TYPICAL APPLICATIONS

- Magnetic cards
- Plastic cards
- Jar openers
- Saw blades
- Frisbees
- Tin covers (lids)
- Licence plate frames
- Nameplates
- Key fobs
- Molded plastic parts
- Your application.

Specifications	Model NCC (2 color)
Speed Range (Impressions per Hour)	Variable to 3600 IPH
Print Registration & Repeatability	+/- .002" (.050 mm)
Electrical Requirement	3 phase, 208/240 VAC, 60 Hz (Other options available. Consult with the factory.)
Air Consumption	8 CFM, 80 PSI, 552 kPa, 139 L/min
Maximum Print Area Flat (See options to increase your width)	Number of stations on dial dictate size
Maximum Screen Frame Size	24" (610 mm) front to back
Rotary Dial Size	Two to five screen printers with 80" (2032 mm) dial. Five to seven screen printers with 96" (2438 mm) dial.
Shipping Dimensions (Length x Width x Height)	72" x 72" x 80" (1829 x 1829 x 2032 mm)
Shipping Weight (Approximate)	3200 lbs. (1450 kg.)



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