

**THE MODEL NCC.5E
PRECISION
SCREEN PRINTER**



The model NCC.5E is our lowest cost version of the NCC series rotary center, precision printer machines.

Few manufacturers would attempt and even fewer could accomplish building a two color machine of this caliber at such an affordable price. The NCC.5E is half the size of the NCC, capable of screen printing and UV curing. The NCC.5E uses one UV irradiator to cure two colors (the product goes around twice before both colors are cured).

This machine is highly efficient, durable, and easy to service. An economy design, a plentiful return on your investment.

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.
- 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.5E
Speed Range (Impressions per Hour)	Variable to 3600 IPH
Print Registration & Repeatability	+/- .002" (.050mm)
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
Shipping Dimensions (Length x Width x Height)	80" x 72" x 70" (2032 x 1830 x 1830 mm)
Shipping Weight (Approximate)	2800 lbs. (1270 kg.)



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