

TURBO 165



PLC control touch screen



Plate in/out movement



Automatic pad clean



G-cup with inner liner

- **FAST**
Up to 850 prints per hour
- **RUGGED**
Built for high use, industrial applications
- **VERSATILE**
Capable of running photopolymer, laser, thin-steel and thick-steel printing plates

OPTIONAL



2-station oscillating indexer

TURBO 165

PAD PRINTER

FEATURES

The TURBO 165 pad printer is a single color pneumatic driven machine that can be operated in automatic mode or by foot switch. The machine body is constructed from steel to reduce friction. The machine comes with a large machine stand that has adjustable leveling pads and a lockable storage cabinet. Both ink cup platform and pad carriage moves in/out for maximum throat depth. Machine is able to accept photopolymer, laser, thin-steel and thick-steel printing plates. Our Dead-on printing plate technology is standard on all pad printers. With the PLC control touch screen you will have access to a very versatile and user friendly path to program settings. The speed movement of the plate platform and pad movements are adjusted by flow controls. The TURBO 165 pad printer has a programmable pad clean feature that is mounted under the plate platform to allow for larger product tooling. The work table has X, Y and rotary adjustments with position locks. The Z axis is adjustable by lead screw and also has position locks.

SPECIAL KEY FEATURES

The TURBO 165 has several key features. One is our digital pad stroke or what we call DPS. DPS allows you to set a digital number for ink pick-up and a separate digital number for printing. Print dwell is another feature designed to aid with printing. Print dwell will allow the operator to set a time for pad sitting on the printing plate before lift-up and a separate time for printing laydown on the product. This feature is useful when printing in a noncontrollable environment. Print dwell is also useful when printing on textured surfaces. The best feature is our patented ink cup, or what we call our G-cup. The G-cup has a removable inner liner. By having an inner liner, the need for solvent at clean-up is greatly reduced. The only clean-up will be the ring edge and the printing plate.

SPECIFICATIONS

Ink Cup Sizes	165mm standard (90,125 & 130mm available upon request)
Printing Plate Size	200 x 400mm
Max. Image Size	155mm with 165mm ink cup
Max. Cycle Speed	850 Cycles/hr. (cycle speed based on ideal conditions)
Pad Compression	3,016 N
Air Consumption	540 liters/min. (approx.)
Power	110V/220V (switching power supply)
Accuracy	+/- 0.05mm
Machine Size	1,115 x 900 x 1,730mm (L x W x H)
Machine weight	500 kg. / 1,102 lbs



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