**DIVERSIFIED** ⊕
**PRINTING TECHNIQUES**

# TURBO 90


PLC control touch screen


Plate in/out movement


Automatic pad clean


G-cup with inner liner

**OPTIONAL**


2-station oscillating indexer

▬ **FAST**
Up to 1200 prints per hour

▬ **RUGGED**
Built for high use, industrial applications

▬ **VERSATILE**
Capable of running photopolymer, laser, thin-steel and thick-steel printing plates

# TURBO 90
## PAD PRINTER

## FEATURES

The TURBO 90 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 cast aluminum as one piece to reduce friction. The machine comes with a large machine stand that has adjustable leveling pads and a lockable storage cabinet. The printing plate platform moves in and out on linear guide rails to ensure accuracy. 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 90 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 90 has several key features. One of the features 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

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|---|---|
| Ink Cup Sizes | 90mm standard, 60mm & 70mm available upon request |
| Printing Plate Size | 100 x 250mm |
| Max. Image Size | 80mm with 90mm ink cup |
| Max. Cycle Speed | 1,200 Cycles/hr. *(cycle speed based on ideal conditions)* |
| Pad Compression | 1,178 N |
| Air Consumption | 118 liters/min. (approx.) |
| Power | 110V/220V *(switching power supply)* |
| Accuracy | +/- 0.05mm |
| Machine Size | 662 x 600 x 1,150mm (L x W x H) |
| Machine weight | 150 kg. / 331 lbs |