

G-TURBO 350



- **FAST**
Up to 750 two color prints per hour
- **RUGGED**
Built for high use, industrial applications
- **VERSATILE**
Capable of running photopolymer, laser, thin-steel and thick-steel printing plates



PLC control touch screen



2 independant pad cylinders



Plate in/out movement with pad clean underneath



2 color pneumatic shuttle



G-cup with inner liner

OPTIONAL



Precision servo product shuttle

G-TURBO 350

PAD PRINTER

FEATURES

The G-TURBO 350 pad printer is a two color pneumatic (or optional all servo) driven machine that can be operated in automatic mode or by foot switch. The machine comes with a very large machine stand that has adjustable leveling pads. The printing plate platforms moves in and out on linear guide rails to ensure accuracy. Two independent pad cylinders allows the operator to set different pad depth settings, thus allowing you to use different size pads for each print. 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 on pneumatic model. The same movements in the all servo model are set in the PLC touch screen. The G-TURBO 350 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 G-TURBO 350 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 (*each pad can be programmed with different settings*). 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	125 or 130mm (x2)
Printing Plate Size	150 x 350mm (x2)
Max. Image Size	115mm or 120mm (x2)
Max. Cycle Speed	750 Cycles/hr. (<i>cycle speed based on ideal conditions</i>)
Pad Compression	1,780N x2 (pneumatic) or 1,870N x2 (servo)
Pad carriage stroke	250mm (pneumatic) or 300mm (servo)
Air Consumption	230 liters/min. (pneumatic)
Power	110V/220V (<i>switching power supply</i>)
Accuracy	+/- 0.05mm
Machine Size	1,230 x 1,125 x 1,680mm (L x W x H)
Machine weight	535 kg. / 1,180 lbs



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