

G-TURBO 650



PLC control touch screen



4 independent pad cylinders



Plate in/out movement for maximum product clearance



Precise, servo driven product shuttle (DRE)



Turbo pad clean feature



G-cup with inner liner

- **FAST**
Up to 450 four color prints per hour
- **RUGGED**
Built for high use, industrial applications
- **VERSATILE**
Capable of running photopolymer, laser, thin-steel and thick-steel printing plates

G-TURBO 650

PAD PRINTER

FEATURES

The G-TURBO 650 pad printer is a four color 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. Four 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 650 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 (*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 (x4)
Printing Plate Size	150 x 350mm (x4)
Max. Image Size	115mm or 120mm (x4)
Max. Cycle Speed	450 Cycles/hr. (4 color set-up)
Pad Compression	1,178N x4 (pneumatic) or 1,870N x4 (servo)
Pad carriage stroke	250mm (pneumatic) or 300mm (servo)
Air Consumption	290 liters/min. (pneumatic)
Power	110/220V (switching power supply)
Accuracy	+/- 0.05mm
Machine Size	1,230 x 1,130 x 1,680mm (L x W x H)
Machine weight	856 kg. / 1,887 lbs



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