

GS-100

Pad Transfer Printer

The Imtran GS-100 offers flexibility at a modest initial investment. For example, the machine can be field-upgraded to a two-color system with either 3-1/2" closed ceramic ink cups or an open, self-leveling doctor blade ink system. In addition, the GS-100 offers plug-and-play interfacing with any of several automation options.



Standard Features

- Open and Closed Ink Systems
- Anodized Aluminum Side Panels
- Closed Ink Systems (1.5", 2.5", 3.5" Ceramic Rings; 2.5", 3.5" Steel Rings)
- Self-leveling Doctor Blade System allows quick and easy set-up and clean-up (3.75", standard 5.75", 7.75" available)
- Automatic Cycle Mode for continuous operation with infinitely adjustable cycle speeds.
- Ink Mix Cycle, completely mixes the ink on a continuous basis for a more even viscosity throughout your production.
- Set-up Mode, helps for fast set-up and enables the operator to make quick pad changes and adjustments with the ink in the machine.
- Adjustable center distances and plate sizes from color to color.
- Universal Accessory Plug (14 prong). This feature enables the operator to change indexing systems by simply plugging in any one of a number of interchangeable indexing systems. This unique building block approach allows for system growth and flexibility for your changing needs.
- Programmable Controller adds reliability and ease in service to all movements and functions of the equipment.
- Cycle Delays and Double Prints are a few of many programmable options available on this machine.
- Comes complete with in-depth step-by-step service and operation manual
- Upgrade available to a 2 color system (maximum two 3.5" ceramic cups)

*GS-100 shown with optional small vertical die set.

Technical Data

GS-100

Horizontal Plate Stroke	7" fixed
Vertical Pad Stroke-Rear & Front	
Rear	3" Adjustable Depth
Front	3" Adjustable Depth
Plate Size	8" x 9" maximum
Number of Colors	1
Cycle Speed	Up to 2,000 prints per hour
Air Requirements	2-3 CFM @ 60-80 PSI
Electrical	120 Volts AC 50-60 cycle (220V available)
Printing Image	9.5 sq. in. maximum (can vary for certain applications)
Machine Dimensions	31"L x 11"W x 20"H
Weight	110 lbs

Optional Equipment

- Eco-Cup™ Ink Cup System, Metal or Ceramic
- Shuttle, Rotary, Oval and Linear Indexers
- Inverted Drive System for Mounting Over and Existing Line
- Vertical Die Sets (mounting location for parts positioning tables and parts fixtures)
- Automated Systems
- Flame & Corona Discharge Pretreat Systems
- Part Fixturing & Plastic Plate Systems
- Modular Machine X, Y Positioning Systems
- Custom Indexers
- Pad Cleaning Systems
- Modern Diagnostics
- Drying Systems

ITW Imtran

An ITW Decorating Company

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Pad Printing Equipment: Standard machines, multi-color, automated systems.

Pad Printing Supplies: Cliches, ink, silicone pads, part holding fixtures.

Hot Stamping Supplies: Silicone rubber dies, rollers, sheets, metal dies, makeready material.