



G2-60/85

Sealed Inking Pad Printing Machine



The Next Generation
of Pad Printing
Machines



PRINTEX
MARKING TECHNOLOGIES





The Next Generation of Pad Printing Machines

Evolution Defined

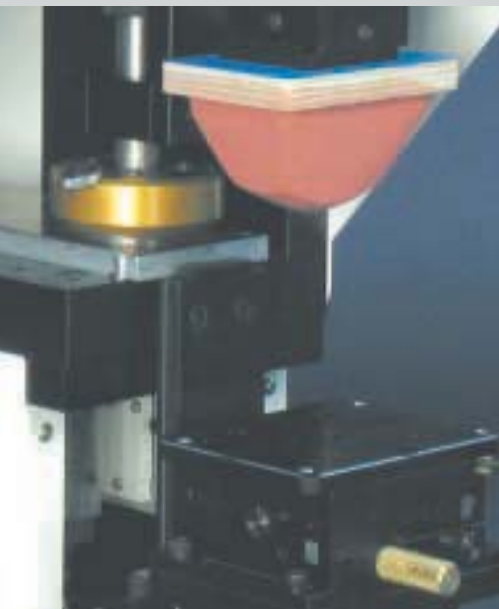
Printex G2 pad printing machines represent the culmination of over 20 years of customer input, continuous innovation, and a refusal to settle for the status quo. Each G2 machine is a state-of-the-art, multi-function, stand-alone pad printer, as well as a building block in a scalable pad printing system.

The G2-60/85 is born of Printex's highly successful 60mm and 100mm machine platforms, retaining the benchmark performance and reliability that have made those machines consistent top-sellers. Both new and existing customers will appreciate the solid engineering and ergonomic design that have always been the hallmarks of Printex equipment. All G2 machines utilize Printex's time-tested sealed-inking technology, with magnetic coupling, and treated carbide seal rings. Users of the Printex sealed inking system enjoy some of the longest uninterrupted run times, plate life, and consistency of performance that the industry has to offer.

As with all G2 series printers, the G2-60/85 can be used as a stand-alone machine (manual load-unload), or it can be combined with other G2 printers on a Printex AMP or SMP platform for automated or multicolor production. Installation or removal of a G2-60/85 to the AMP/SMP can be accomplished in under five minutes. Further accessories, such as the Printex Auto Pad Tapeoff Unit and XYR printer pedestal, augment the value of the G2 line.

G2-60/85 standard features include:

- ▶ Touchscreen operator interface and an on-board programmable controller, with a complete set of functions for both stand-alone and G2-integrated operations.



▶ Setup mode functions include:

- Independent pad dwell settings for ink and print positions
- Independent ink- and print-stroke settings
- Ink mixing mode
- Pad jog for manual ink pickup and print
- Job settings store and recall, up to 99 sets
- Connect controller directly to any PC-compatible printer to obtain a detailed report of all saved job settings



G2-60/85 Functions

	1-color	1-color w/Tape Off
2.5" Cup	•	•
3.5" Cup	•	

G2-60/85

Print (stand-alone) mode functions include:

- Continuous printing action with pause/resume
- Single-cycle mode
- Single pickup / double print option
- Double pickup / single print option
- Pad down-and-hold feature (print stroke only)
- Increment / decrement counter cycle with optional "stop at target value" feature

Automation Interface functions include:

- Print upon receiving trigger signal from host system
- Output signal to host system when printing is completed
- Emergency interrupt
- Direct Peer-to-peer networking of G2 systems enables master/slave configurations

Plug-and-Play receptacle for G2-AMP & G2-SMP

- Designed and Engineered for rapid AMP/SMP installation or removal
- Instantly integrates with Printex Automated Modular Platform and servo-based Servo Modular Platform (each sold separately)
- Doweled printer base plate ensures fast and accurate printer placement on automation platform;
- One control connection required
- "Plug-and-run" operation, no reprogramming, no special controller settings required



Machine base pre-drilled for integration with G2-AMP and G2-SMP

G2-100/115 and G2-60/85 installed on the G2-AMP

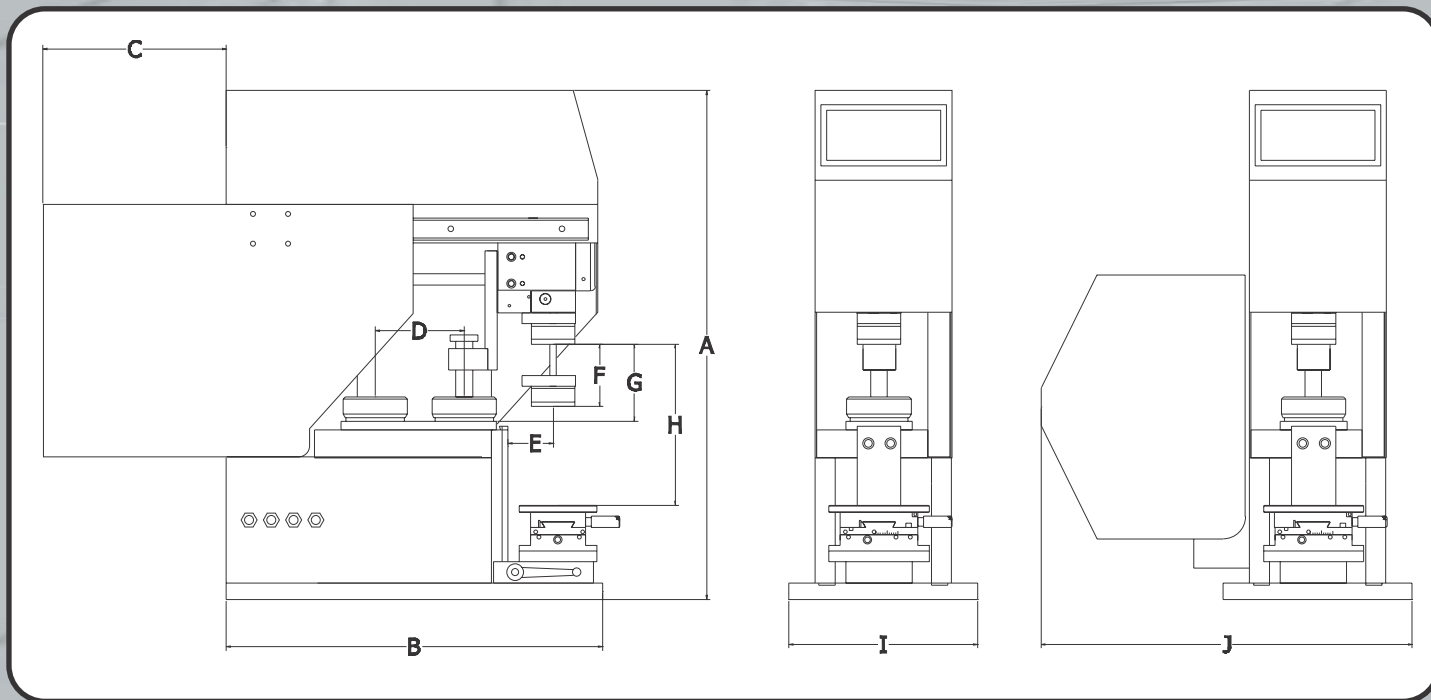
*Two G2-100/115's installed on the G2-SMP
Also accommodates the G2-60/85*

Optional Tape Off Unit

Additional Features and Benefits

- Accepts Printex Auto Pad Tapeoff Unit (APTU)
- Pin-registered image plate system, calibration-free
- XYRZ workpiece fixture table
- Closed-loop logic for adjustable and repeatable pad printing pressure.

G2-60/85



G2-60/85 Specifications

Image Plate Size (with 3.5" cup)	3.0 x 7.0 (3.9 x 7.9)
Max. Image Size (with 3.5" cup)	2.25" (3.25" Dia.
Cycle Speed	400-2400/hr.
Air Consumption	1 cfm @ 80 psi
Electrical Supply	110 VAC, 1A, 50-60 Hz.
Weight (with Tape-Off)	58lbs. (78 lbs.)
Max. Down Force @ 80 psi	140 lbs.
Max. Down Force @ 100 psi	177 lbs.
Height (A)	22.90
Depth (B)	16.90
Door Clearance (C)	8.25
Horizontal Stroke (D)	4.00
Front Clearance (E)	2.00
Vertical Stroke (F)	2.80
Vertical Clearance; Plate (G)	3.46
Vertical Clearance; XYR (H)	7.25
Width (I)	8.50
Width with Tape-Off (J)	16.70

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12113 Kirkham Road • Poway, CA 92064

tel: 858-513-2418 fax: 858-513-2419 toll free: 800-982-1928 www.printexusa.com