

BOSS-125

Stand-alone Multifunctional Pad Printing System



A heavy duty, precision-machined cast aluminum body and open “C” frame design separate the Boss-125 from our modular G2 class 125 printing machine. Built to be a “stand-alone” multi-purpose pad printing machine, the Boss-125 is equipped with an on-board programmable controller and touch screen control panel, enabling this printer to work with an array of optional “plug and play” attachments. The Boss-125 can tackle a variety of pad printing applications. These optional “plug and play” attachments and their respective capabilities are described below:



1 Motor drive turn table for single color semiautomatic applications.



2 Transverse inking closed cup drive and plate system for wide format printing.



3 Two color closed cup inking and plate system with automatic two position part shuttle device for two color printing.



4 Four color closed cup inking and plate system with four position servo drive part shuttle device for progressive four color printing.

5 22 station over and under conveyor indexer for continuous four color printing. (not shown)

Standard features for the Boss-125 include:

- Touch screen control panel with user friendly and intuitive dash board design.
- Precision quick change “zero adjust” plate system.
- Optical sensors for precise and repeatable pad pressure control.
- Built in multi-port electrical receptacle for “plug and play” devices. All plug and play devices are designed for rapid deployment and detachment.
- Heavy duty machine stand.

Boss-125M

If you are considering the Boss-125 printer, you may also want to consider the Boss-125M machine:

- Same machine.
- Different controls.
- More affordable.

The “M” stands for the same machine equipped with Fixed Logic CPU circuitry (instead of a programmable controller) and a Membrane Switch Control Panel (instead of touch screen panel). The Boss-125M machine retains much of the capabilities of the Boss-125 but costs about 20% less.

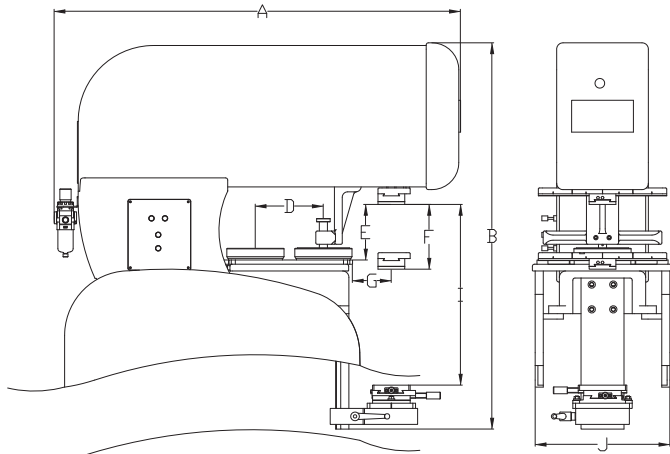


Membrane Switch Control Panel

Quality built, versatile in performance, and backed by our industry leading 5 year warranty, the Boss-125 and 125M machines set new standards for “stand-alone” pad printing machines.

See reverse side for Boss-125 and Boss-125M capability matrix for comparison.

BOSS-125



Boss-125 Core System

Max. Number of Colors	4
Cycle Speed	1600/hr
Air Consumption	4 cfm @ 100 psi
Electrical Supply	110 VAC, 5A, 50-60 Hz.
Weight	198.5 lbs.
Max. Down Force @ 80 psi	250 lbs.
Max. Down Force @ 100 psi	315 lbs.
Overall Depth (A)	37.60"
Overall Height (B)	35.70"
Door Clearance (C)	9.74"
Horizontal Travel (D)	6.30"
Pad Clearance/Vertical (E)	5.30"
Vertical Pad Stroke (F)	6.00"
Pad Clearance/Horizontal (G)	3.70"
Plate to Worktable Clearance (H)	11.50"
Pad to Worktable Clearance (I)	16.70"
Width (J)	12.50"

1-Color

Ink Cup Size	5.00"
Image Plate Size	5.25" x 12.20"
Max. Image Diameter	4.75"
Cycle Speed	1600/hr.
Pad Clearance/Vertical (E)	6.00"
Plate to Worktable Clearance (H)	8.60"
Pad to Worktable Clearance (I)	14.60"
Width (J)	16.25"
Weight	205 lbs.

2-Color

	Pneumatic Slide	Servo Slide
Ink Cup Size	4"	4"
Image Plate Size	4.49" x 11.20"	4.49" x 11.20"
Max. Image Diameter	3.75"	3.75"
Cycle Speed	900/hr.	800/hr.
Index Pitch	5.63"	5.63"
Plate to Worktable Clearance (H)	4.25"	3.60"
Pad to Worktable Clearance (I)	10.25"	9.60"
Width (J)	19.50"	26.00"
Weight	221 lbs.	225 lbs.

4-Color

	Servo	Over/Under
Ink Cup Size	2.50"	2.50"
Image Plate Size	3.00" x 11.20"	3.00" x 11.20"
Max. Image Diameter	2.125"	2.125"
Cycle Speed	500/hr.	800/hr.
Pad Clearance/Vertical (E)	3.05"	3.05"
Plate to Worktable Clearance (H)	3.60"	3.60"
Pad to Worktable Clearance (I)	9.60"	9.60"
Width (J)	26.00"	26.00"
Weight	228 lbs.	258 lbs.

Transverse Cup

Ink Cup Size	3.50"
Image Plate Size	5.00" x 16.50"
Max. Image Diameter	3.25" dia. x 11.50"
Cycle Speed	950/hr.
Plate to Worktable Clearance (H)	8.60"
Pad to Worktable Clearance (I)	14.60"
Width (J) [w/optional elevator]	27.70" [31.60"]
Weight	227 lbs.

Boss-125 and Boss-125M Capability Comparison

	1-color	1-color w/ Turn Table*	2-color*	4-color Servo*	4-color Over/Under*	1-color Transverse Cup*	5-year Warranty
Boss-125	•	•	•	•	•	•	•
Boss-125M	•	•	•	•	•	•	•

*optional

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