



HEAT PAD INNOVATION FOR



Patent Pending No.: 201720957700.9, 20170653160.X

SHOE INSOLE PAD PRINTING



What is a Heat Pad ?

By increasing the temperature of a printing pad, it is able to pick up and release a thicker ink layer, hence the name, Heat Pad. Pad printing is normally operated under room temperature at around 24°C (+/- 2°C), and humidity between 60 to 80%. The majority of pad printing ink is solvent-based, which is sensitive to temperature. When temperature is high, solvent evaporates faster and the ink tends to dry quickly causing misprint in fine images. When temperature is low, solvent evaporates slower, causing poor ink transfer that results in poor opacity. A heat pad can improve ink opacity drastically.



Printed by normal pad



Printed by heat pad

The key to improve ink opacity is to keep the pad at a constant temperature. However, there are other variables that can affect ink opacity and adhesion, such as fabric surface, work area temperature, and machine speed.

G-TURBO SLP

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The most versatile dual head pad printing machine with heat pad for shoe insole printing. The Eco-friendly Granite stone machine structure offer accurate and stable machine movement. Built in dual heater ensure consistent heat pad temperature. Built in pad clean guarantee print quality. Print 1 pair insole per cycle. Highest output insole printer of it's size.



OPTIONAL



Auto load / unload stacker

FEATURES

- One pair (L & R) shoe insole per print
- Granite stone structure machine stability
- Built-in heater and pad temperature control
- Two independent pad cylinders
- Use Green ink cup system
- Dead-on printing plate registration for quick job change
- PLC control touch screen panel
- Automatic pad clean
- Delay before print
- High speed, smooth machine operations

SPECIFICATIONS

Liner per print :	2
Ink cup size :	Ø90 mm x 2
Printing plate size :	100 x 250 mm x 2
Max. image size :	Ø60 mm
Max. pad temperature :	50°C - 80°C
Speed (dry cycle) :	700 - 800/hr.
No. of pads :	2
Power :	110/220V
Size : (L x W x H)	890 x 780 x 1,442 mm
Weight (Approx.) :	250 kg

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160P-0318