

# PIXELFOIL

## S32 SCREEN FOILING SYSTEM



Pixelfoil is an add-on module that operates in tandem with the Screen Varnish Machine, providing unparalleled foil enhancement functionalities. It uses an advanced and efficient digital process to produce high-gloss foil with a range of densities suitable for medium and long production runs. Pixelfoil leverages a diverse array of industry-standard hot and cold foils and films, as well as substrates that encompass offset, digital, plastic, laminated, non-laminated, coated, and uncoated materials. Applications for Pixelfoil include, but are not limited to, business and greeting cards, folders, book covers, brochures, labels, and packaging.





## Benefits

**COST-EFFECTIVE:** Pixelfoil replaces the traditional analog method, eliminating the need for costly materials such as dies, plates, and molds. This results in incomparable cost savings for short to medium runs.

**HIGH-QUALITY:** Pixelfoil delivers superior foil-enhanced printing with ultra-fine details, high gloss, excellent surface coverage. This high-end quality is achieved through a robust and reliable automated process with a high production yield. Our digital process is quick, efficient, and easy to use, providing customers with fast turnaround times that meet and exceed their needs.

**IN-HOUSE:** Pixelfoil allows you to manage and control your foil-enhancement applications, providing rapid response times and independence from third-party suppliers. Additionally, your print jobs remain confidential, as they are not exposed to other Print Service Providers (PSPs). Screen shine varnish enables screen printers to add value to the foil.

## Technical Specification

Model	Pixelfoil Screen 32
Maximum Sheet Width	812.8 mm (32 Inches)
Maximum Speed	30mtr/min*
Air Requirement	8 bar/14CFM
Nip roller temperature	50 to 120°C.
Warm up Time	15 Min.
Film Core Inner Diameter	75mm (3 Inches) / Multiple Foil Film Roll can be Loaded
Electrical requirement	Voltage - 440V, 3 Phase, Frequency - 50 HZ.
Power requirement(Active mode)	- 10KW
Power requirement(Ideal)	- 8KW
Operating environment	Temperature: 15°C to 30°C (59°F - 86°F) Humidity: 40% to 80% Relative Humidity, Non Condensing.
Foil Saving	150MM*(5.906 Inches) - depends on speed
Foil	Multiple Rolls can be Installed (Up to 6 Rolls - Min. Roll Width 4 Inches)
Machine Dimension	2940 MM X 1980 MM X 1690 MM. (116 Inches X 78 Inches X 66.5 Inches)
Weight of Machine	900 kg.
Cast & Cure	Optional feature*



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