

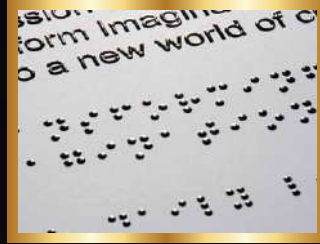
DESIGNED TO DO MORE



Spot UV



Foil



Braille Printing



Flat Foil Printing

Printing Technology	Drop on demand Inkjet-Multi Pass
Media Handling	Flatbed
Resolution	Up to 600 X 4800 DPI
Speed - A3 Size	80 Sheets*
Variable Data	PDF, Optimized PDF*, TIFF
Supported Image Standards	Standard PDF
Substrates Weight	170 - 500 GSM
Substrates Thickness	Up to 0.5mm / 500-micron
Registration Technology	CCD camera system with Automatic positioning
Communication Protocol	USB 3.0
Substrates**	Digital, Offset, Laminated
Media Surface	28 - 32 Dyne/cm - For Toner Sheets, ***28 - 40 Dyne/cm For Laminated
Substrates Loading Sizes	Minimum: L297 x W420 mm / 11.7 x 16.5 in Maximum: L355 x W508 mm / 14 x 20 in
Printing Image Size	Maximum: L340 x W490 mm / 13.4 x 19.3 in
UV Ink	Pixel Glossy UV Ink
Polymer Layer Thickness ***	Up to 320 Micron
Braille	Up to 230 Micron
Print Heads Maintenance	Manual Cleaning
Substrates Input System	Auto Feeding
Feeder Capacity	Up to 300 Sheets
Substrates Output System	Foldable Stacker
Foil Saving	Enabled
Foil Unit	Online Foil
Flat Foil	10 Micron to 20 Micron
Foil Film Core Dia	1 Inch
Foil Film Multi Roll	Multi Roll 4 Inch width
Cast & Cure (Optional)	Add-on Feature
Air Requirements	Air Flow: 5 CFM. Between 6-8 Bar – regulated/ 70liter Tank
RIP Software	X-Color / Photo Print V12
Dimensions (L x H x W)	144 x 52.6 x 82.6 inches
Operating Environment	Temperature: 20°C to 27°C Humidity: 40% to 80% relative humidity, non-condensing
Electrical Requirements	Single Phase + G + N Frequency: 50 Hz Current: Avg. 4 Amps in production Power consumption: Avg. 5 kVA in production Circuit Breaker: 16 Amps minimum
Weight	1000 kg

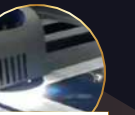
(** On toner print - Height of varnish from 40µm onwards)

(* sheet 1pass with 27Micron / Per hour)

(** Image to Image Position Tolerance ± 250µm)

PIXELGLOW™

INDIA'S **1st** DIGITAL UV & FOILING SYSTEM WITH CAST & CURE



Designed and developed by:

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PRODUCE IMPACTFUL 3D-HOLOGRAPHIC EFFECTS

THE GROUNDBREAKING UV AND FOILING SYSTEM

PixelGlow™, a versatile digital enhancement press, transforms ordinary prints into extraordinary products on various substrates, including tear-resistant materials. Ideal for commercial print, packaging, and photography, it elevates business cards, book covers, brochures, labels and more, ensuring standout visual impact in a competitive market.

COMPLETELY DIGITAL VALUE EXTENDS TO B3

This entirely digital stand-alone solution seamlessly integrates with digital printing, offset, and laminated sheets. The PixelGlow™ effortlessly handles a diverse array of paper formats and substrates, eliminating the necessity for additional intricate setup:

Highlights

- Advanced **3rd Eye technology** for perfect registration
- Automatic **media pick and place** system
- Integrated **foil station**
- **No die** plate production time and expenses
- Best suitable for **short-run and customized applications**

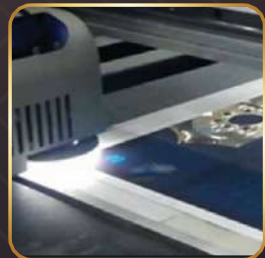
Productivity of up to **80 sheets/per hour**

Accommodates sheet formats up to **B3 size (355×508 mm / 14×20 in)**

Supports media weights ranging from **150 to 500 gsm**

Handles media thickness up to **0.5 mm / 500 microns**

FEATURE-FUELED EXCELLENCE



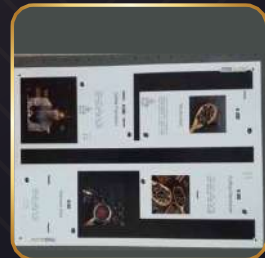
Automated printing precision enhanced by Advanced Third Eye technology.



Automated sheet handling with pick-and-place functionality.



Seamless media handling from feeder to engine and engine to foil in a single system.



Secure sheet retention in the printing zone with a stable vacuum bed.



An integrated online foiling system merging UV printing and foiling into a single process.



Utilize multiple foil rolls simultaneously, with a maximum of 4 rolls each with a width of 4 inches.



Finish all tasks with a single click. Load variable jobs with varying quantities and complete them instantly.



Foil saving adjustments.



Seamless and continuous foil transfer.

ADD SHINE TO YOUR BUSINESS



ENHANCED VISUAL APPEAL

Provides vibrant and eye-catching digital UV prints and foiling that elevate the visual aesthetics of printed materials.



VERSATILITY

Enables printing on various substrates, including paper, plastics, and more, expanding the range of possible applications.



PRECISION AND DETAIL

Offers high-resolution printing, ensuring intricate designs and fine details are accurately reproduced.



TIME EFFICIENCY

Reduces production time through quick curing and drying of inks, resulting in faster job turnaround.



CUSTOMIZATION

Allows for personalized prints and foils, catering to individual client needs and preferences.



COST-EFFECTIVENESS

Reduces material waste and rework due to precise printing and foiling capabilities, leading to cost savings.



DURABILITY

UV cured prints and foils often exhibit increased durability, resisting scratches, fading, and other forms of wear and tear.



EASE OF USE

User-friendly interface and efficient workflow make it accessible for both seasoned professionals and newcomers to digital printing.

Unveiling a world of possibilities For Short-Run Custom Applications

- ✦ Photo Album
- ✦ Magazine
- ✦ Book Cover
- ✦ Packaging
- ✦ Commercial Applications and many more....

