

Printing Technology	Drop on demand Inkjet-Multi Pass
Media Handling	Flatbed
Resolution	Up to 600 X 4800 DPI
Speed - A3 Size	70+ 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 200 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)

Brought to you by:

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PIXELGLOW

DIGITAL UV AND FOILING SYSTEM



INDIA'S FIRST FULLY-AUTOMATIC DIGITAL UV AND FOILING SYSTEM

For Short-Run
Custom
Applications

► Photo Album | ► Magazine | ► Book Cover | ► Packaging
► Commercial Applications and many more...

Go beyond CMYK

Don't limit yourself to just beautifully printed jobs - It is time to bring more value and creativity to the prints that stand out from the rest in the highly competitive market. Bring a new look and tangible dimension to the graphic communications printed image, creating an eye-catching, memorable experience with PixelGlow digital enhancement press. The PixelGlow turns your printed jobs into spectacular and irresistible printouts that grabs attention and gives an enhanced and memorable experience. With its ability to print on a wide range of substrates from paper to Non tearable, it is an ideal solution to support any type of digital print enhancement application.

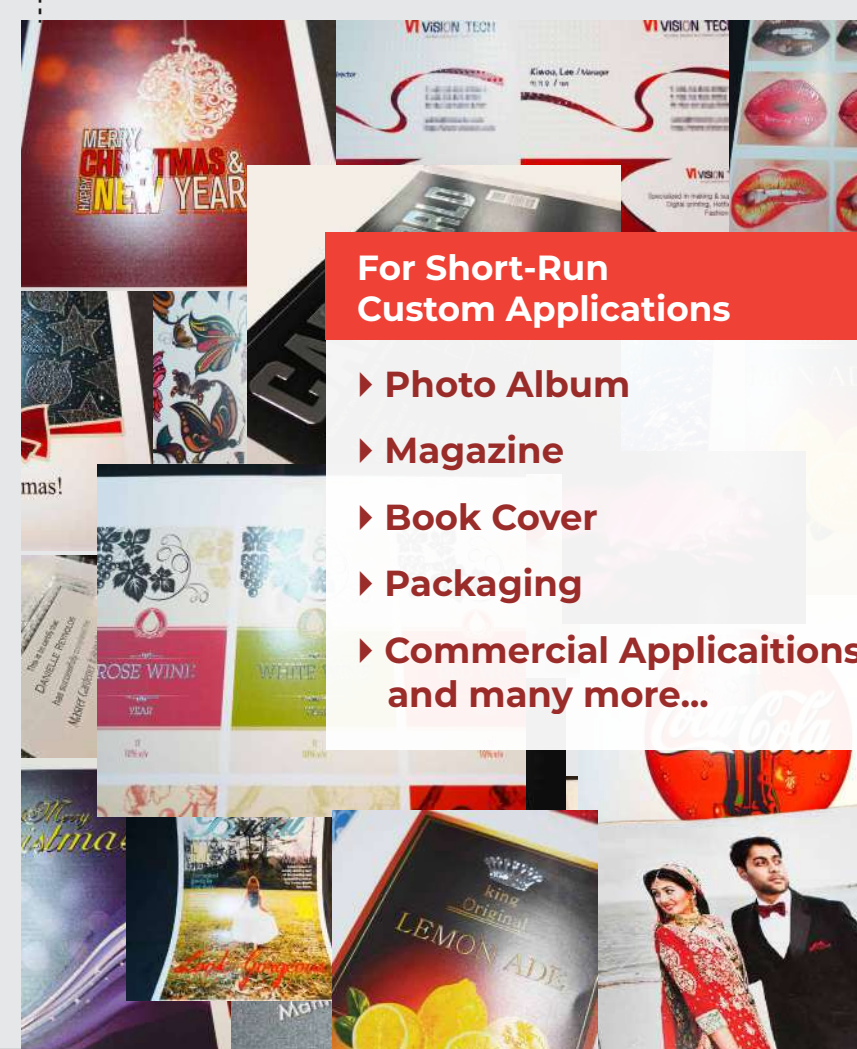
PixelGlow targets specific market segments including commercial print, packaging, photo, and more with a focus on fine details and surface finishing. Products produced with PixelGlow include business/greeting cards, folders, book covers, photo albums, brochures, labels, packaging, and many more...

(** Surface tension 28 - 32 Dyne/cm - For Toner Sheets, ** 28 - 40 Dyne/cm - For Matt & Velvet Lamination)

ABSOLUTE DIGITAL VALUE UP TO B3

The fully digital stand-alone solution is compatible with digital printing, Offset, laminated sheets. The PixelGlow automatically processes a wide range of paper formats and substrates, with no need for additional, complex set-up:

- ▶ Up to B3 size sheet format (355 x 508 mm / 14 x 20 in)
- ▶ Media weights from 150 to 500 gsm
- ▶ Media thickness - up to 0.5 mm / 500 microns



For Short-Run Custom Applications

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

FOIL

Unmatched foil enhancement capabilities, including high gloss, embossed and a range of densities via an innovative and reliable digital process. The PixelGlow deploys a wide range of hot and cold industry standard foil films, coupled with a variety of substrates, including offset, digital, plastics, and laminated, coated and without coating. Applications include business/ greeting cards, folders, book covers, brochures, labels, packaging and more.

Benefits

Cost-Effective – Replaces the conventional analog method, eliminating the need for dies, plates, molds and other costly materials – incomparable cost-savings for short to medium runs

High Quality – The unique media positioning and accurate registration deliver superior foil enhancement print with ultra-fine details, high gloss, surface coverage and perfect registration; high-end print quality is achieved via a robust and reliable automatic process with a high production yield

Digital – Quick, efficient, environmentally “green” and easy-to-use process provides customers with fast turnaround time to meet and exceed their needs

In-House – Manage and control your Embossing/-Foil/Cast & Cure enhancement applications, profit from rapid time to market response.

CAST & CURE

- Creating high impact 3D-holographic dramatic effects
- Cost effective for short up to medium runs length, minimal setup
- In-house, easy to use
- Utilizing off the shelf cast and Cure films

