



TRUE COLORS®
LEADING TECHNOLOGIES

PLATINUM KCXL

PUSH THE LIMITS

SUPER-SPEED VIVID COLORS LIMITLESS APPLICATIONS



2.5 × 1.2 m

Flatbed for
any Material

3.2 × 2 m

Flatbed for
any Material

150* m²/h

Stay productive

2 to 4

Print head rows
Expandable

4-10

Color Channels
Greatest possibilities



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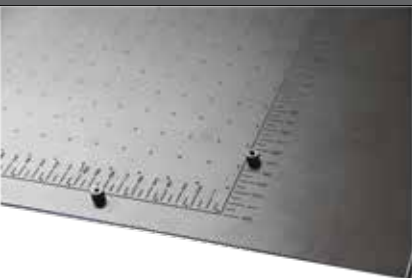


www.instagram.com/truicolorsprinters



www.indiaprinters.in

Key Features That Save Time and Costs



Registration pins

Easily set up registration pins provide precise mechanical anchors on each side of the print bed. This ensures efficient bed usage and perfect alignment for any format—whether printing multiple copies or achieving registration accuracy on double-sided prints.



Crash Sensor Technology

Protect your investment with intelligent crash sensors that detect material thickness errors or raised edges, preventing damage to the print heads and minimizing rejects.

Profitable LED Curing

Our LED curing system supports printing on heat-sensitive materials, expanding your portfolio and market reach. With instant start-up, zero warm-up or cool-down delays, and low maintenance requirements, LED technology offers long-lasting efficiency and cost-effectiveness.



Resume Printing After Crash

If a material crash occurs near the end of a print job, the advanced output software allows operators to resume printing precisely where it stopped—saving valuable time, reducing waste, and ensuring job continuity.



Powerful Suction with Precision Sector Control

The Platinum XL features a heavy-duty suction motor with advanced sector-controlled vacuum table, delivering strong, adjustable suction that keeps media securely flat for flawless printing.



Automatic Material Height Adjustment

Equipped with an automatic material height measurement system, the printer detects substrate thickness in real time and optimizes printhead distance accordingly. This feature ensures consistent print quality while preventing nozzle strikes.



Premium Benefits for Optimal Output and Outstanding Quality



Linear Motor Drive

The Platinum XL incorporates a precision linear motor drive system for smooth, accurate carriage movement. This beltless design enhances print quality, reduces maintenance requirements, and ensures long-term mechanical reliability.

Robust 24-Head Carriage

The Platinum XL printhead carriage holds up to 24 heads arranged in a durable staggered array for dense, high-resolution printing.



Joystick Control

A joystick control puts intuitive machine operation at the operator's fingertips. The joystick supports 3-axis motion control, easy media positioning, and partition vacuum control, significantly improving usability and setup speed.



Safety Curtain (optional)

For enhanced operator and machine safety, an optional safety curtain system is available. It detects physical intrusion within the printer's operation area and triggers an immediate stop, preventing accidents and protecting valuable components.



300 mm UV LED Module (optional)

The versatile 300 mm UV LED curing module supports all color combinations, including CMYK, white, neon inks, and a variety of varnishes. Engineered for high-speed performance, it offers exceptional flexibility to handle multiple job variations without sacrificing curing quality. The module is fully compatible with embossing and tactile varnish effects, allowing printers to produce stunning three-dimensional textures and glossy finishes. Designed for a wide range of substrates, this module maximizes productivity while enhancing creative possibilities in industrial flatbed printing applications.

Expandable 10-Color Ink System (optional)

Our UV flatbed printer comes standard with CMYK, with the option to add up to 6 additional color channels. These optional channels allow you to include multiple white, neon shades, light cyan, light magenta, and special varnishes, enabling high-speed printing with expanded color gamut and versatile effects to suit varied production needs.



Technical Specifications

Model	Platinum XL 2512	Platinum XL 3020
Max. Printing Size	2500mm x 1250mm	3000mm x 2000mm
Printhead Tech.	Drop on demand micro piezo-electric digital inkjet Printer	
Printhead	RicohGen5/RicohGen6/KM 9888H (optional)	
Print Head No	upto 16 PrintHead	
Print Speed (Express Mode)	130-150* m2/hr	
Print Speed (Production Mode)	65-75* m2/hr	
Print Speed (Quality Mode)	30-40* m2/hr	
Basic Color Configuration	CMYK	
Optional color Configuration	CMYK LC LM W V FM FY FG FO Primer	
Max. Media Thickness	0-100mm	
Ink Supply System	Negative Pressure Auto ink Supply	
Drying System	UV Lamps Instant Drying	
Media Absorption	Vaccum Enabled	
Table Pressure	35kg/m2	
Printable Media	Glass, Ceramic, PVC, Wood, Metal, Sunboard, Sunpack, Acrylic, MDF, Doors & All Rigid Materials etc.	
Interface	USB 2.0	
Rip Software	Onyx / Photoprint (optional)	
Power	AC 220V , 50/60 Hz	
Operational Environment	Temperature : 18 °C ~ 22 °C, Humidity 35% RH ~ 65% RH	
Dimensions	5220 x 2200 x 1530 (mm)	5800 x 3000 x 1530 (mm)

* Specifications are subjected to change without prior notice. This catalogue is not subjected to any legal proceedings. * Under test conditions. * Actual Images may vary.



Glass printing

Design elements made of vividly printed glass are an eyecatcher, and a speciality of platinum flatbed printers



Acrylic printing

Premium decorative panels, eye-catching displays, photo frames, blockouts



Wood printing

UV printing directly on real or reproduction woods is a niche to be filled



Almirah printing

Customized designs for architectural and lifestyle products



MDF printing

Interior décor and customized furnishings



Door printing

Customized designs for architectural and lifestyle products



Sunboard printing

Cost-effective signage solutions



Metal printing

Industrial applications, branding, and promotional products

- **High-Capacity Ink Tanks:** Large-volume reservoirs reduce refills and production downtime.
- **Automatic Ink Level Detection:** Real-time alerts prevent unexpected stoppages.
- **Ink Circulation and Degassing System:** Ensures stable ink flow, especially critical for white and neon inks to avoid clogging.
- **Variable Dot Technology:** Produces smooth gradients and exceptional image detail with droplet size control.
- **Long-Life Printheads:** Designed for extended, uninterrupted operation, reducing maintenance frequency and costs.
- **Noise Reduction Engineering:** Quieter machine operation improves the work environment.
- **Energy Efficient & Eco-Friendly:** UV-LED curing minimizes heat output and ozone emission.
- **Job Queue Management:** Streamlines workflow for maximum throughput.
- **Warranty & Support:** On-site service and quick spare parts delivery.

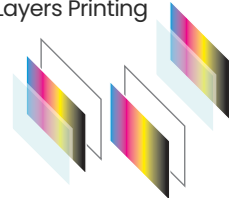


neon MEETS UV

Expandable color gamut with vibrant neon inks
(fluorescent magenta, yellow, green and orange)



Layers Printing



- High-Speed UV Flatbed Printer with additional option to add Neon Colors
- Finish big jobs, fast—never sacrifice quality for speed
- Ideal for eye-catching signage, promotional goods, packaging, and more



CMYK (Cyan, Magenta, Yellow, Black)
is the baseline, which you can supplement according to needs



White Ink
Used as a base or selective layer for transparent/colored media and improved adhesion on glass and metal.



Varnish
Applied partially or fully to create visual and tactile effects, including droptix 3D textures.



Light Cyan and Light Magenta (optional)
reproduce lifelike skin tones and render the finest gradients and shading.



Primer (optional)
For specialty adhesion needs.



Neon Colors -Magenta, Yellow, Green, Orange (optional)
Fluorescent inks add vibrant, high-impact effects ideal for signage, packaging, and event graphics. Neon inks are UV-cured, durable, and weather-resistant.



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