

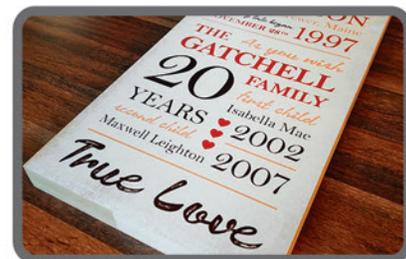


UVx40R PLUS

DIRECT TO SUBSTRATE UV-LED FLATBED PRINTER

LogoJET's UVx40R PLUS has expanded on the award-winning design of our original UVx40R model and now features an increased bed size for **33% more print area!** We've also added a fourth print head to enhance white opacity and clear gloss options. Industrial-strength components combined with extended-wear Ricoh GH 2220 print heads bring you a powerful, efficient printer with expanded capacity in a compact size.

- Imprint area of 24" x 18", fits products up to 5" in height
- **FOUR RICOH GH 2220 PRINT HEADS**
- UV-LED curable inks, including full color **CMYK, WHITE & GLOSS**
- H2 award-winning semi-flexible ink - up to 288° bend
- Optional rotary 360° printing capability for cylindrical and tapered objects
- Automatic sensor for height adjustment
- Built-in vacuum bed - holds down flat, lightweight substrates
- Interchangeable product trays available for standard or custom products
- Award-winning LogoJET Kothari Print Pro™ RIP software with options to optimize workflow automation as well as specialty printing



PRODUCTION FEATURES

LogoJET's UVx40R PLUS is built with high-end components, such as kevlar belts and strong Servo motors for a tough, reliable printer that's designed to last. This new edition incorporates **4x RICOH GH 2220** print heads to enhance ink options while maintaining maximum print speeds. The UVx40R PLUS has an **expanded imprint area of 24"L x 18"W x 5"H**. The automatic height sensor detects products and positions them at an optimum distance from the print head. Our custom printing trays make it easy to print on all types of product and increase efficiency for larger production volumes. Products can also be printed on our adhesive multi-use mat, or directly on the built-in vacuum bed (holds flat, lightweight substrates). The UV-LED lamp cures the ink instantly as it's applied to the substrate for vibrant, lasting imprints on **metal, glass, wood, stone, plastic, textiles and MORE!**

INK CAPABILITIES



LogoJET's award-winning H2 UV Curable Ink features an expanded color gamut, improved levels of durability and increased flexibility up to 288 degrees. Each of the four RICOH print heads hold two ink channels, for a total of eight. The standard CMYK inks are assigned to four channels, leaving the last four customizable with whatever combination of white ink and clear gloss best suits your printing needs.

Ink System ~ The ink bags move along with the carriage during printing to create a self-agitating system which improves ink flow and simplifies the start-up procedure. The 200 mL vacuum-sealed ink bags offer a bulk ink solution, while keeping a closed system. Without interrupting the flow, simply remove the ink needle from an empty bag and insert it into a new one.

White Ink ~ White ink can be used for solid imprints, as a gradient under photographs, or as a base for color imprints on dark and clear materials.

Clear Gloss ~ Clear gloss can be printed as a spot varnish over specific areas of a design. It can also be used as a full coverage glossy clear coat to provide added durability and protection against solvents.

AWARD-WINNING RIP SOFTWARE

LogoJET Print Pro™ powered by Kothari is the most powerful, capable and customizable integrated RIP available in the UV direct to substrate market. It facilitates the printing of all CMYK color ink channels in addition to the customizable specialty ink channels. Some features include:

- Patented Color Ink Optimization System (Color IOS)
- Advanced Head Control features
- Named Color Space allows for consistent spot color matching
- Inline printing - print color, white and gloss simultaneously
- Ink cost and print time calculator option built in
- 'Hot-Folders' automate work flow
- Pre-loaded profiles for various substrates & option to create your own
- Independent Channel Layering
- Adjust ink density, saturation, and color levels
- White ink options – full background coverage vs. gradations
- Control dot size to improve imprints on curved or uneven surfaces
- Allows you to create templates and image masks
- Variable Data/Serialization option available



UVx40R PLUS PRINTER SPECIFICATIONS

Actual Flatbed Size	18.5" W x 30" L (includes extension for rotary printing and open-ended for product overhang)
Max. Curable Imprint Area	24" L x 18" W
Max. Substrate Hgt./Wgt.	5" H / 22 lbs
Machine Size	49.5" L x 35" W x 28.5" H
UV Lamp Specs	395nm, 48V, E47, 28 LED bulbs
Print Head	4x Ricoh GH 2220
Options	Rotary 360° printing attachment
Vacuum Bed	Built-in (holds down lightweight flat substrates)
Power Source	100-120V AC, 50/60Hz or 210-230V AC, 50/60Hz; 660W
Control Panel	13 button interface
Warranty	*3-Year Limited
Consumable Parts	cap tops, ink, dampers, lamp filters, ink tubes
Interface	USB 2.0 Interface (1x)
Ink Process	CMYK + 4 custom channels (Custom White & Gloss)
Ink Type	H2 UV curable ink
Ink Supply	200 mL vacuum-sealed ink bags
Optimized Resolution	720x600, 720x900, 720x1200, 720x1800, 720x2400
System Requirements (PC)	Windows 7,8,10. Intel i5 or equivalent. 8GB RAM
Printer Wgt/Shipping Wgt	330 lbs / 360 lbs
Crate Size	55" L x 44" W x 39" H
Environmental Condition	60~85° F; Humidity 20~80% RH
Ink consumption/kit	Up to 50,000 sq. in. per set of ink
Cost per Sq. Inch Printed	\$0.01 per layer of white, color or clear
RIP Software	LogoJET Print Pro™ by Kothari
Installation	Remote Installation & Training included

*refer to limited warranty details

UVX40R PLUS PRINT SPEED & RESOLUTION DATA

Print Setting	Use	Dot Size	Print Speed (m²/h)	Print Speed (f²/h)	Full Bed (18x24)	Resolution	Passes
High Quality	Photo	SML	1.21 m²/h	13.02 f²/h	13:49 minutes	720x1800	12
Standard	Photo	SML	1.73 m²/h	18.64 f²/h	9:39 minutes	720x1200	8
Production	Photo	SML	2.17 m²/h	23.31 f²/h	7:43 minutes	720x900	6

NOTE: All time studies printed in Bi-Directional mode