



The **ultimate** printer for non-stop **production**.

Our award-winning **UVx90R** boasts our fastest print speeds ever and the largest capacity of our R-Series printers. Designed for high-output production environments, this printer is built with industrial-strength components including six extended-wear Ricoh GH 2220 print heads to produce our fastest print speeds ever! From high-volume orders of small parts to short-run, uniquely customized products, the UVx90R has got you covered.

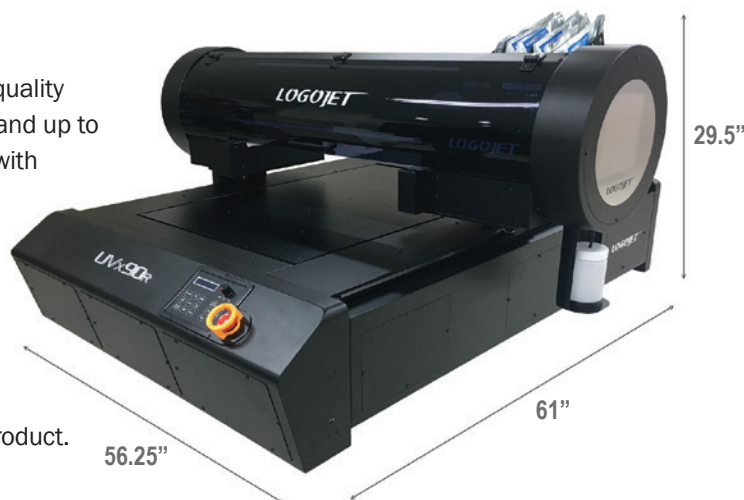
- ▶ 24" x 36" x 6" imprint area
- ▶ CMYK + white + clear gloss ink
- ▶ Automatic product height sensor
- ▶ Rotary 360° printing capability
- ▶ Award-winning ink & RIP software



PRODUCTION FEATURES

Our UVx90R incorporates six RICOH GH 2220 print heads for superior quality imprints at much faster speeds. The industrial-strength components stand up to high production demands, and the open bed design reduces idle time with continuous access for product loading and unloading during print runs. The dual UV lamps cure ink instantly as it's applied to the substrate so products are ready for immediate use.

The UVx90R offers our largest imprint area of 24"L x 36"W x 6"H. It features an automatic height sensor and a built-in vacuum bed for holding lightweight substrates in place. Custom print trays, and an optional Rotary 360° attachment make it easy to print on all types of product.



INK SYSTEM

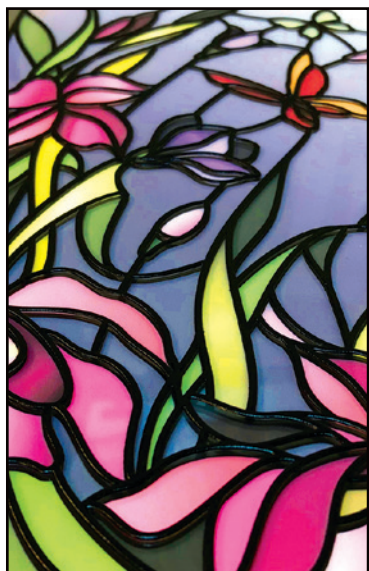


Our award-winning H2 inks provide expanded color output and increased flexibility and durability on a wide range of substrates. The ink bags move along with the carriage during printing to create a self-agitating system, improving ink flow and reducing maintenance. To replace an empty ink bag, simply remove the ink needle and insert it into a new bag without interrupting the flow. The standard CMYK inks are assigned to four of the print heads, leaving the last two customizable with white ink and/or clear gloss to suit your needs. White ink can be used alone or as a base for color imprints on dark and clear materials. Clear gloss can be printed as a spot varnish over specific areas of a design or used as a full coverage glossy clear coat to provide added durability and protection.



AWARD-WINNING RIP SOFTWARE

The LogoJET Edition of Print Pro™ was designed to not only provide powerful RIP functionality, but also the features critical to full print production workflows. Color management, queue-based print job setup and variable data software (*optional add-on*) work together to provide a full end-to-end production solution. Features include:



- ▶ Patented Color IOS (*optional add-on*) reduces ink needed based on substrate color
- ▶ Independent channel layering for inline printing and textured effects
- ▶ Named Color Space feature for consistent spot color matching
- ▶ Advanced Head Control produces fine detail in small imprint areas
- ▶ Multiple Image Masking crops art to fit multiple shapes in a single layout

UVX90R PRINTER SPECIFICATIONS

Actual Flatbed Size	24.5" W x 37.5" L	
Max. Imprint Size	24" W x 36" L x 6"H (items can overhang both ends)	
Max. Substrate Weight	20 kg. / 44 lbs.	
Machine Size	56.25" W x 61" L x 29.5" H	
UV Lamp Specs	2 Lamps: 48V, 395nm	
Print Head:	6x Ricoh GH 2220 Print Heads	
Power Source	100~120V AC, 50/60Hz or 210~230V AC, 50/60Hz; 660W	
Control Panel	13 button interface and LED Display	
Vacuum Bed	Built-in	
Warranty	3-Year Limited (refer to warranty details)	
Consumable Parts	Cap tops, ink, dampers, lamp filters, ink tubes	
Interface	USB 2.0 Interface (1x)	
Ink Process	CMYK + White + Clear Gloss	
Ink Type	H2 UV curable ink	
Ink Supply	Bulk Ink System - 220 mL ink bags	
Optimized Resolution	720x600, 720x900, 720x1200, 720x1800, 720x2400	
System Requirements (PC)	Multi-core CPU, 8GB RAM, 1TB HDD or SSD, Windows 10	
Printer Weight	410 lbs	
Shipping Wgt/Crate Size	740 lbs ~ 75" L x 63" W x 42" H	
Environmental Condition	68~77° F; Humidity 35~70% (non-condensing)	
Ink consumption/kit	Up to 100,000 sq. in. per set of ink	
Cost per Sq. Inch Printed	\$0.01 (varies with ink settings)	
UVx90R Setting	Speed (1 layer, BI*, m²/h)	Time to Print Full Bed (24"x36")
High Quality	2.79 m²/h	11:58 minutes
Standard	3.67 m²/h	9:07 minutes
Production	5.35 m²/h	6:15 minutes

*Faster print speeds available at draft quality. Printing unidirectional is recommended for dimensional objects and will increase print times.