



UVx90

DIRECT TO SUBSTRATE UV-LED FLATBED PRINTER

LogoJET's UVx90 is our largest printer, capable of imprints up to 24" x 36". This printer utilizes UV curable inks and a built-in UV-LED lamp to produce vibrant full color and textured imprints that cure rock-solid on a huge variety of substrates, including dark and clear materials! Combine CMYK and White Inks, plus a texture-building primer and clear gloss overlay to achieve amazing special effects!

- **LARGE** imprint area of 24" x 36", fits products up to 6" in height
- UV-LED curable inks, including full color **CMYK & WHITE INK**
- **FLEXIBLE INK AVAILABLE!**
- **TEXTURE-BUILDING PRIMER** and **CLEAR GLOSS OVERLAY**
- Durable, weather-resistant prints on virtually any substrate
- Automatic sensor for height adjustment
- Vacuum-bed to hold lightweight sheets in place
- Interchangeable product trays for standard or custom products
- RIP software enables inline color & white printing - up to 6 layers!



(877) 432-2559 | www.logojet.com

301 Prides Crossing, Lafayette, LA 70508 | sales@logojet.com

INK CAPABILITIES

This UV ink system includes 8 channels. The standard configuration uses 4 channels for the full color CMYK inks, 2 channels for White ink, and 1 channel each for Gloss and Primer. However, this can be customized to suit your needs (i.e. Dual CMYK or 4x White).

Bulk Ink System ~ Each 200 mL vacuum-sealed ink bag is designed to prevent ambient light exposure prior to use. The bulk ink delivery system simplifies maintenance. Remove the ink needle from an empty bag and insert it into the new one for an uninterrupted ink flow. Each UVx90 printer purchase includes 1 complete ink set (\$920.00 value, 1 yr. shelf life) which prints up to 100,000 square inches!

White Ink ~ White ink can be used for solid imprints, as a gradient under photographs, or as an opaque base for color imprints on dark and clear materials. 2 white channels are assigned, but the printer can be configured with more, giving you complete control over the amount of ink that is printed.

Primer ~ Our primer is like a 'glue' that can be printed alone, or inline with our white ink to provide a rock-solid base that improves imprint adhesion on difficult substrates. It can also be used to build textures and create special effects.

Clear Gloss ~ The clear gloss can be printed as a spot varnish over specific areas of a design to create embellishments. It gives a high-end look when printed alone on a matte black or colored backgrounds. It can also be used as a full coverage glossy clear coat to provide added durability and protection.



PRINTER SPECIFICATIONS

Actual Flatbed Size	24.5" W x 37.5" L
Max. Substrate Size	24" W x 36" L x 6" H
Max. Substrate Weight	20 kg. / 44 lbs.
Machine Size	49.6" W x 59" L x 25.6" H
UV Lamp Specs	48V, 395nm
Print Head:	Micro Piezo 8 Channel - Epson Dx5
Power Source	100-120V AC, 50/60Hz or 210-230V AC, 50/60Hz; 660W
Control Panel	13 button interface
Vacuum Bed	Built in
Warranty	1 year limited warranty#
Interface	USB 2.0 Interface (1x)
Ink Process	CMYK, White x 2, Clear, Primer
Ink Type	UV curable ink (rigid & flexible options)
Ink Supply	Bulk Ink System - 200 mL ink bags
Optimized Resolution	720x720, 720x1080, 720x1440, 1440x1440
Consumable Parts	Head, capping station, ink
System Requirements (PC)	Intel Core i7, 16GB RAM, 502GB HDD, Windows 7+
Printer Weight	440 lbs
Shipping Wgt/Crate Size	595 lbs ~ 57" W x 71" L x 36" H
Environmental Condition	60-85° F; Humidity 20-80% RH
Ink consumption/kit	Up to 100,000 sq. in. per set of ink
Cost per Sq. Inch Printed	\$0.01 (varies with ink settings)

Print Modes & Speed

Based on 100% full coverage on 24"x36" area with 1 print layer

Standard	720 x 1080 dpi	6 pass – bidirectional*	9:42 min
Quality	720 x 1440 dpi	8 pass – bidirectional	12:14 min
Photo Quality	1440 x 1440 dpi	16 pass – bidirectional	24:01 min

*Printing unidirectional is recommended for dimensional objects and will increase print times.

PRODUCTION FEATURES

LogoJET's UVx90 has an imprint area of 24"W x 36"L x 6"H. The automatic height sensor will detect products and position the flatbed so they are at an optimum distance (2mm) from the print head. The flatbed is equipped with a vacuum pump to assist in holding lightweight objects in place. Our interchangeable printing trays make it easy to print on products of varying shapes and materials. Simply lift off one tray and slide in a new one to change from one product to another. The built-in UV-LED lamp cures the inks instantly as they are printed for super durable imprints on **metal, glass, wood, stone, plastic, fabric, vinyl** and MUCH more!

RIP SOFTWARE

LogoJET uses Kothari RIP software to facilitate the printing of all CMYK color ink channels in addition to the white ink, clear gloss and primer channels. Some features of Kothari RIP software include:

- Inline printing - print color and white simultaneously
- Ink cost and print time calculator option built in
- Pre-loaded profiles for various substrates & option to create your own
- Control over channel settings (turn selected channels on/off)
- 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
- Repeat Function allows you to copy artwork for multiple product prints
- Allows you to create templates for product positioning
- Serialization option available

#Warranty does not cover consumable parts (such as print head and capping station)