

## UVx60 XL

## DIRECT TO SUBSTRATE UV-LED FLATBED PRINTER

LogoJET's UVx60 XL has an expanded height capacity of 10". This printer utilizes UV-curable inks with 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!

- Imprint area of 24" x 18", fits products up to 10" in height
- UV-LED curable inks, including full color **CMYK & WHITE INK**
- **TEXTURE-BUILDING PRIMER** and **CLEAR GLOSS OVERLAY**
- **OPTIONAL FLEXIBLE INK CONFIGURATION**
- Rotary 360° printing capability for cylindrical and tapered objects
- Automatic sensor for height adjustment
- Interchangeable product trays for standard or custom products
- RIP software enables simultaneous color and white printing



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## INK CAPABILITIES

This UV ink system includes 8 channels - 4 channels for the full color CMYK inks plus 2 channels for White ink, and 1 channel each for Gloss and Primer.



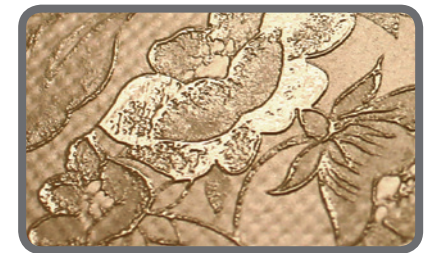
**Bulk Ink System** ~ Each 200 mL vacuum-sealed ink bag is designed to prevent any ambient light exposure prior to use. The bulk ink delivery system simplifies maintenance. Simply remove the ink needle from an empty bag and insert it into the new one for an uninterrupted ink flow. Each UVx60 XL printer includes 1 complete ink set (\$920.00 value) which can print 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 white 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 dark-colored background. It can also be used as a full coverage glossy clear coat to provide added durability and protection.



## PRINTER SPECIFICATIONS

Actual Flatbed Size	24.75" L x 18.5" W
Curable Imprint area	24" L x 18" W
Machine Size	49.75" L x 27.25" W x 35.5" H
Printing Time	*Averages from 6-16 min per full run *varies with resolution and imprint area
Max. Product Height/Weight	10" / 44 lbs.
Operation Model	Unidirectional, x-axis, Bi-directional
Warranty	1 year limited warranty*
Interface	USB 2.0 Interface (1x)
Options	Rotary 360° printing attachment
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	1440x720, 1440x1440
Power	100-120V AC, 50/60Hz or 210-230V AC, 50/60Hz
Consumable Parts	Head, capping station, ink
OS	Windows PC compatible
Printer Weight	440 lbs
Shipping Weight/Crate Size	548 lbs ~ 59" L x 34.5" W x 39.5" H
Environmental Condition	60-80° F; Humidity 20-80% RH
Ink consumption/kit	Up to 100,000 sq. in. per set of ink
Cost per Square Inch Printed	\$0.01 (varies with ink settings)
UV-LED Lamp	48V, 395nm
RIP Software	Kothari

\*Warranty does not cover consumable parts (print head and capping station)

## PRODUCTION FEATURES

LogoJET's UVx60 XL has an imprint area of 24"L x 18"W and will accommodate products up to 10" in height. The automatic height sensor detects products and position the flatbed so they are at an optimum distance (2mm) from the print head. Our interchangeable printing trays make it easy to print on products of varying shapes and sizes. Simply lift off one tray and slide a new one into place to switch from one product to another. The built-in UV-LED lamp cures the ink instantly as it's applied to the substrate for super durable imprints on **metal, glass, wood, stone, plastic, textiles, vinyl** and MUCH more!

## 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
- 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
- Resolution settings: 720x720 – draft quality, high speed  
1440x720 – standard setting  
1440x1440 – photography, very fine detail