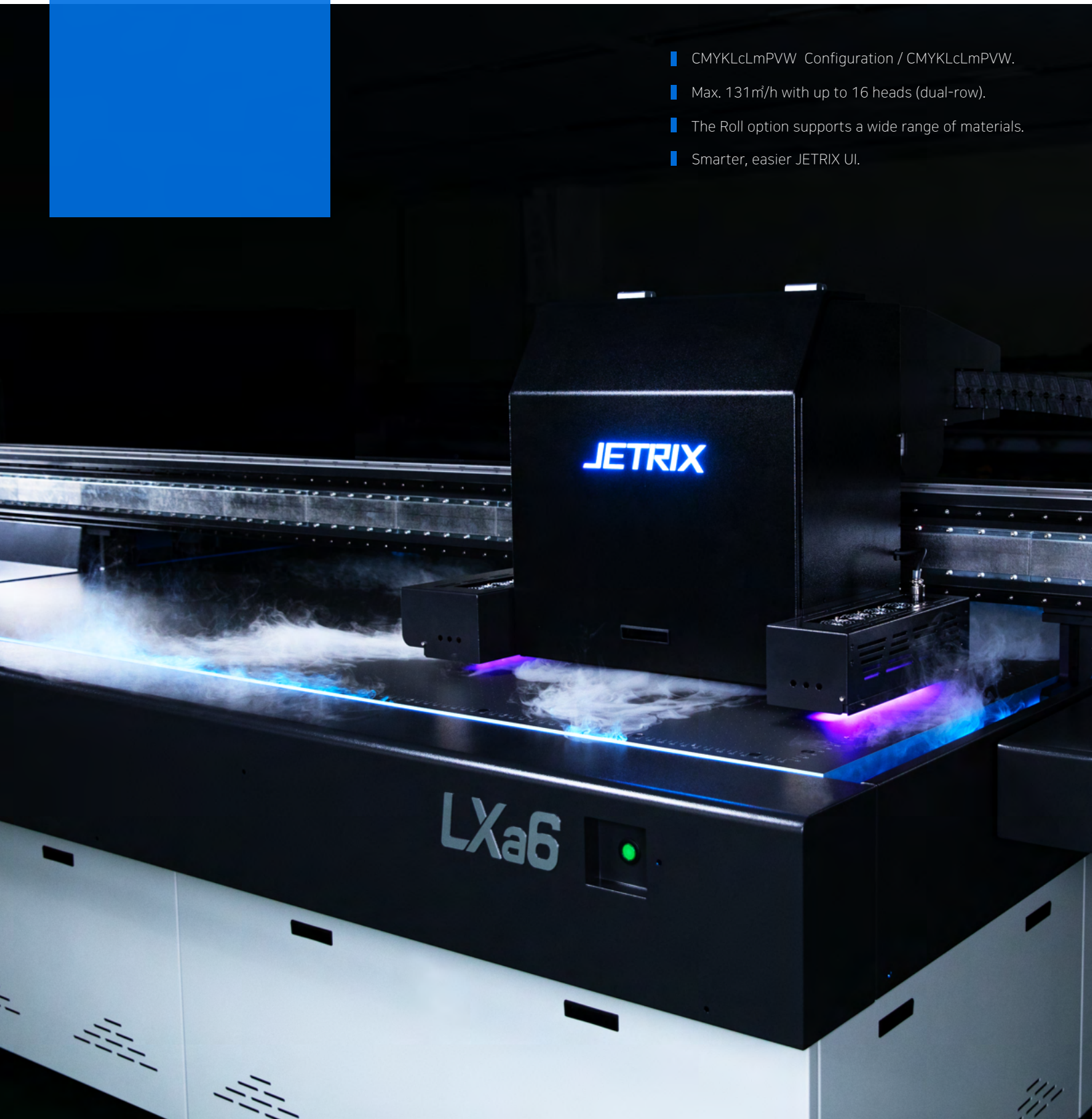


**JETRIX**

# LXa6

*High-End Flatbed UV Printer*

- CMYKLcLmPVW Configuration / CMYKLcLmPVW.
- Max. 131m<sup>2</sup>/h with up to 16 heads (dual-row).
- The Roll option supports a wide range of materials.
- Smarter, easier JETRIX UI.





# LXa6

High-End Flatbed UV Printer

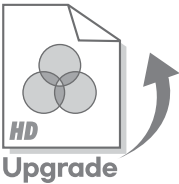
JETRIX



The JETRIX LXa6 is a premium 2.5m flatbed UV printer, perfected through decades of expertise and rigorous testing by specialists. With roll-to-roll options, it supports a wide variety of media, while its 6-picolitre ultra-fine ink drops are precisely controlled to deliver outstanding print quality. Delivering exceptional productivity, it completes everything from large outdoor signage to small promotional items quickly, making it the perfect partner for your business.



# Enhanced Print Quality



## Enhanced G-Masking Capability

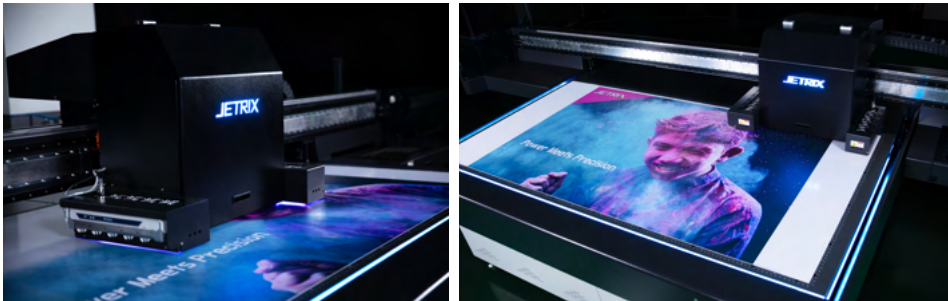
The newly upgraded G-Masking function applies more precise gradation dots to areas where banding is possible in other machines, ensuring a natural flow of colour transitions. This advanced feature delivers smooth, refined, and banding-free print results.



Before G-Masking → After G-Masking

## Superior Print Quality Printhead

Compared with previous generations of printer, the new head adopts an analogue waveform driving method, enabling more precise ink drop control and improved gradation expression. By variably controlling the drop size, satellite drops are minimised, providing cleaner and more accurate print quality at up to 1,440 dpi resolution.

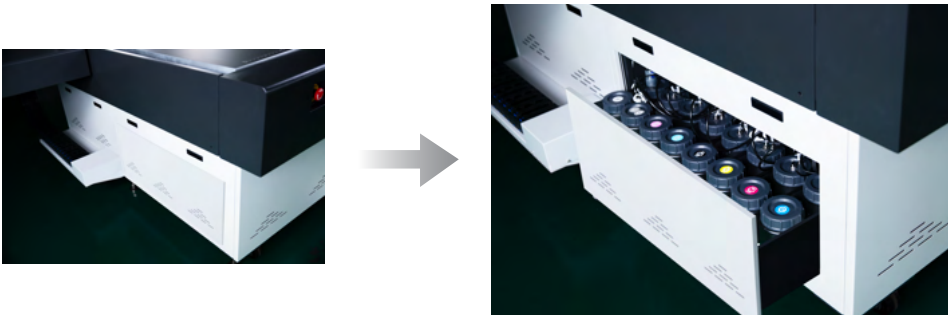


# Smart Features



## Concealed Ink Tank Access System

At the press of a front-mounted button, the main ink tank automatically slides forward for quick and effortless refilling. With its 2.5L high-capacity design, the printer ensures stable and efficient operation.



## Automatic Wiping System

After purging, a soft material wiper automatically removes any remaining ink droplets, making nozzle maintenance easier and more convenient.

## Efficient White Ink Circulation System

Even when the printer is idle, the white ink is automatically circulated to prevent heavy pigments from settling, ensuring smooth and stable ink delivery. The White Ink Circulation System operates with a precise agitation mechanism to maintain the ink at its optimal consistency.

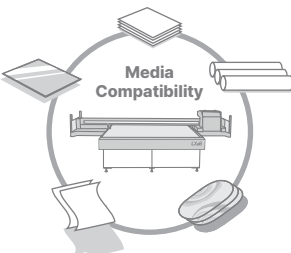
## Bed Surrounding LED Status Indicator

The light curtain detects the operator's movements and visually indicates the machine's current status through LED colour signals, enhancing operator safety and improving work efficiency.





# Broader Possibilities



## Optional Roll-to-Roll Unit

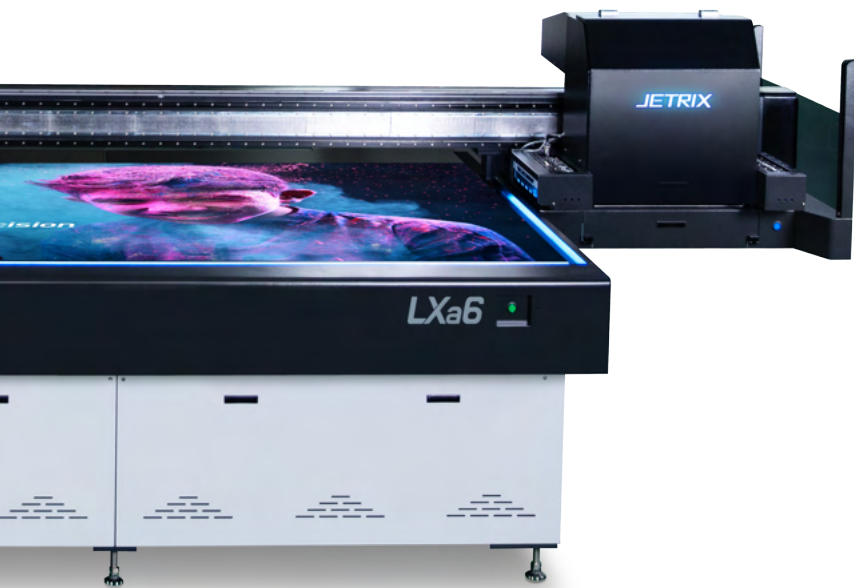
The JETRIX LXa6 flatbed printer supports an optional Roll-to-Roll unit, allowing you to print not only on standard flat substrates but also on flexible roll media. From hard boards, acrylic, and foam panels to films, banners, and canvas, meaning a wide range of materials can be efficiently handled with a single printer.

## Enhanced Vacuum System

A powerful vacuum system with a maximum suction power of 4,000 mmAq is built into the main body, dividing the suction area into six zones that can be conveniently switched ON and OFF via the user interface depending on the material size.

## Media Alignment Made Easy

By applying automatic media pins, even thick and rigid materials can be aligned quickly and easily.



Flatbed

2.55 x 1.27m

Maximum Thickness

100 mm

Maximum Loadable

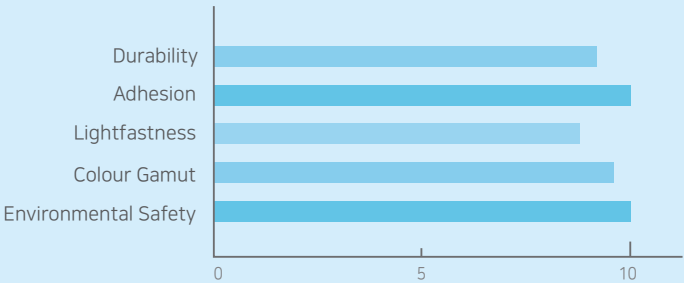
100 Kg/m<sup>2</sup>

# Deeper, More Vivid Colours



## Premium JETRIX UV Ink

With seven colours, plus a highly versatile primer and varnish, the JETRIX UV ink set features a total of nine inks that deliver exquisite, high-definition prints on a wide range of materials. The premium white ink, with its exceptional opacity, ensures outstanding colour expression and layering effects even on transparent substrates, offering remarkable creative flexibility. Meanwhile, the soft and precise tonal reproduction of the light-colour inks enhances smooth gradations, achieving an exceptional level of perfection in high-quality prints where subtle shading is essential. JETRIX UV inks are award-winning and globally trusted for their outstanding quality and reliability.



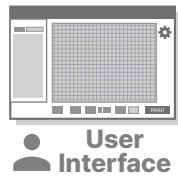
## GREENGUARD Gold Certification



JETRIX UV ink is GREENGUARD Gold certified by UL, confirming that it meets some of the world's most rigorous standards for chemical emissions and indoor air quality. This certification ensures that the ink can be safely used in sensitive environments such as schools, hospitals, and offices, with VOC emissions far below established safety thresholds. It demonstrates JETRIX's commitment to sustainability, user safety, and environmentally responsible printing solutions.

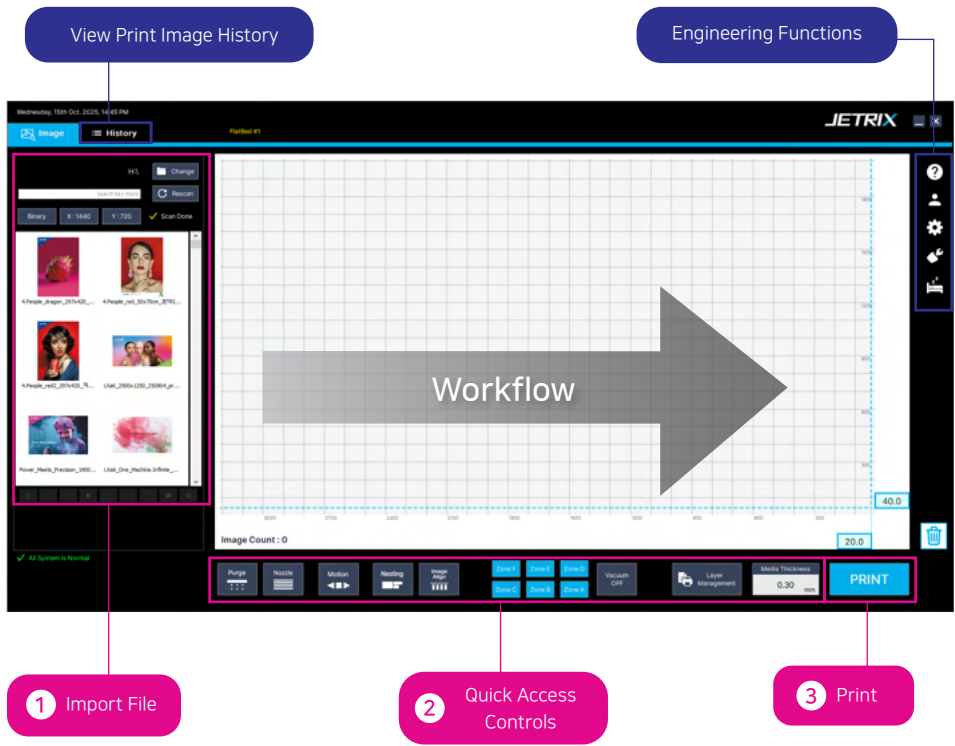


# The new JETRIX UI



## Intuitive Layout

Introducing the newly launched JETRIX 'EX' UI, created to deliver a smarter and more user-friendly experience. Its intuitive design and seamless workflow simplify every step of printing, ensuring maximum productivity and ease of use.



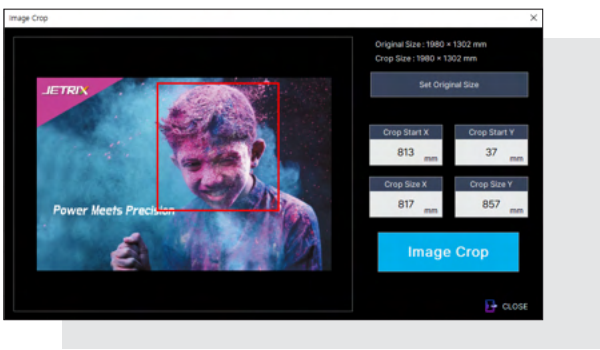
## Convenient Features

Key functions such as purge, nozzle check, head carriage motion, image alignment, vacuum zone control, layer management, and Z-axis setting are conveniently located at the bottom centre of the interface, allowing faster and easier operation.



## Effortless Image Editing

You can easily crop any placed image by double-clicking it within the UI. The same crop settings can be quickly applied to other images—whether to all images, those with the same file name, or those aligned in the same position.



## Easy Low Impact Maintenance

When the equipment is not in use for a certain period, it automatically switches to idle mode. At set intervals, the purge, jetting, and waste pump functions operate automatically, keeping the printer in optimal condition.



Featuring a Touchscreen Monitor as Standard



PRODUCT SPECIFICATIONS

Model	LXa6	
Print Head	Konica Minolta KM1024a	
Head Array Configurations	Max. 16 Printheads(1 or 2 Rows) <div><div>C</div><div>M</div><div>Y</div><div>K</div><div>Lc</div><div>Lm</div><div>F</div><div>W</div><div>C</div><div>M</div><div>Y</div><div>K</div><div>Lc</div><div>Lm</div><div>F</div><div>W</div><div>Varnish, Primer, White (optional)</div></div>	
Ink Type	UV LED Curable(GREENGUARD Gold)	
Resolution	Up to 1,440 dpi	
Print Size	2,550 mm x 1,270 mm / 2,200 mm x Infinite(Roll)	
Material Clearance (Maximum)	Max. 100 mm	
Substrate Weight	Max. 100 kg/m² / Max. 80kg/Roll	
Printing Materials	Acrylic, Glass, Metal, Plastic, Wood, Paper, Leather, Stone and slate, Ceramic, Fabric, etc.	
Productivity	Top Speed	131 m²/h
	Production	75 m²/h
	Quality	54 m²/h
	Fine Art	41 m²/h
Rip Software	ONYX, CALDERA, PRINT FACTORY	
Ideal Installation Environment	Power Supply	380VAC, 3 Phase(3W)+PE, 50~60Hz, 30A, 5.5kVA
	Compressed Ai	0.5 MPa (5 bar)
	Operating Temperature	+18℃ to +25℃ (65°F ~ 77°F)
	Operating Humidity	30% to 60% non-condensing
Dimensions & Weight	4,820(W ) mm x 2,100(D) mm x 1,560(H) mm / 1,600 Kg	

\*Printing speed was measured based on masking mode, printing width of 2.5m, and may vary depending on various factors such as the image being printed, firmware version, PC operation status, and printing settings.  
\*Information provided is deemed correct at publication, but may be subject to change without notice.



OPTIONAL ITEMS

Items
Roll to Roll Unit
Color&Head Configuration Options
ONYX RIP
CALDERA RIP
PRINT FACTORY RIP



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