

LXa7-R

High-End Flatbed UV Printer with Roll Option

- C M Y K Lc Lm + P V W Configuration
- Max. 169.6m²/h with up to 16 heads (dual-row)
- The Roll option supports a wide range of materials
- Smarter, easier-to-use JETRIX UI





LXa7-R *Flatbed Precision. Optional Roll Flexibility.*

The JETRIX LXa7-R is a high-end flatbed UV printer designed for precision and productivity.

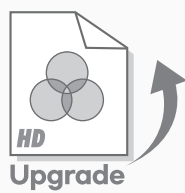
With an optional roll-to-roll system, it expands its capability to handle both rigid and flexible media.

Featuring a large 2500 × 3060 mm print area and extended rear media support, the LXa7-R ensures stable handling of oversized and long materials, delivering consistent print quality across a wide range of applications.



LXa7 Flatbed Only
LXa7-R Flatbed + Roll Option

Enhanced Print Quality



Enhanced Masking Capability

The newly upgraded Masking function (JETRIX G Mask technology) 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 band-free print results.



Superior Print Quality Printhead

Compared with previous generations of printers, 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.

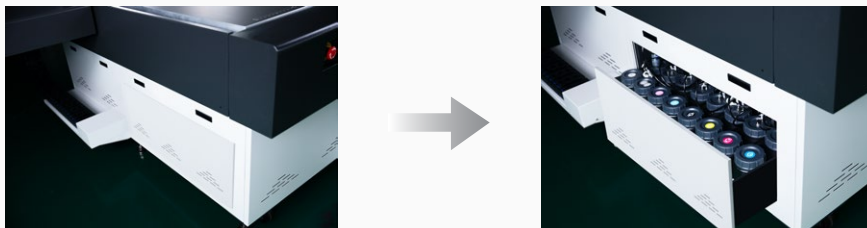


Smart Features



Concealed Ink Tank Access System

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

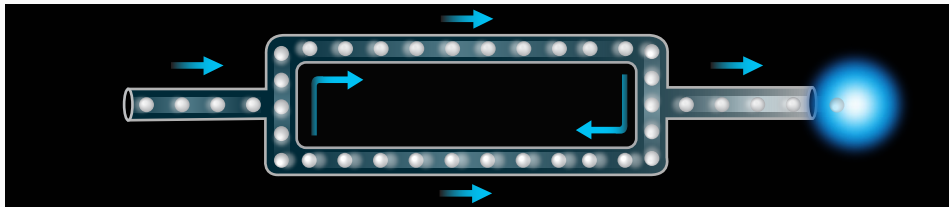


Automatic Wiping System

After purging, a 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.

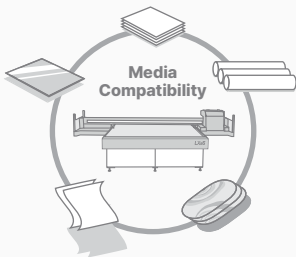


Bed Surrounding LED Status Indicator

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 optional roll-to-roll unit extends the LXa7-R beyond flatbed printing. It allows seamless processing of both rigid and flexible media in one system. From boards and panels to roll materials such as vinyl and film, it supports a wide range of applications. This added flexibility improves productivity while simplifying your workflow.

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

2.5 x 3.06m

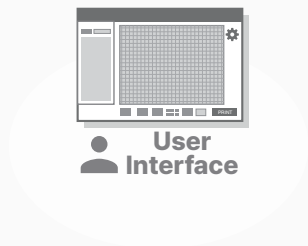
Maximum Thickness

100 mm

Maximum Loadable

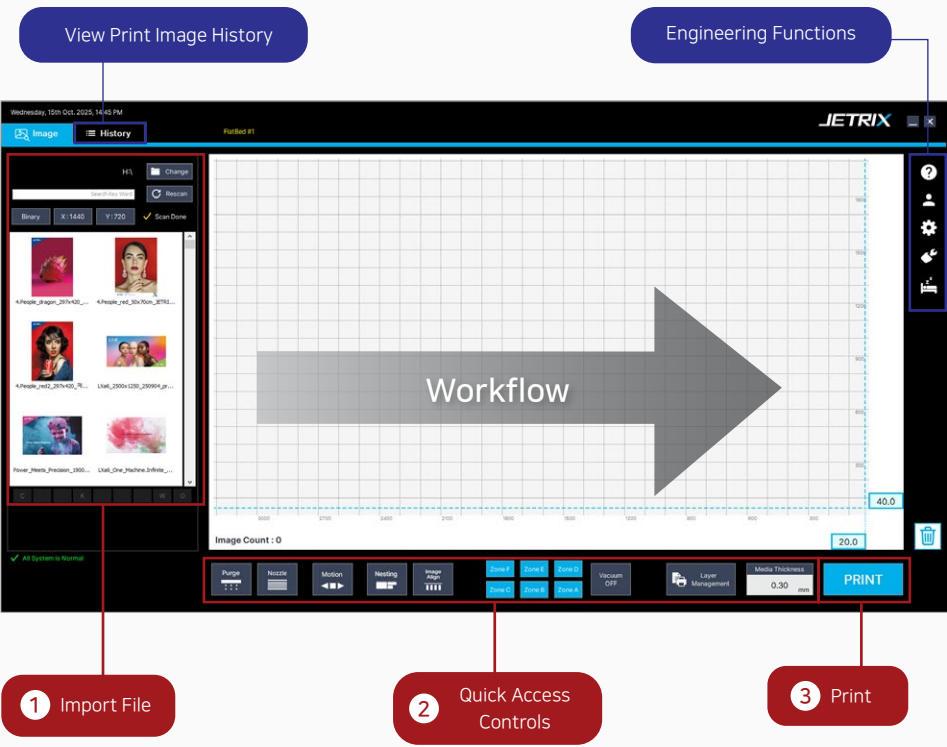
100 Kg/m²

The New JETRIX UI



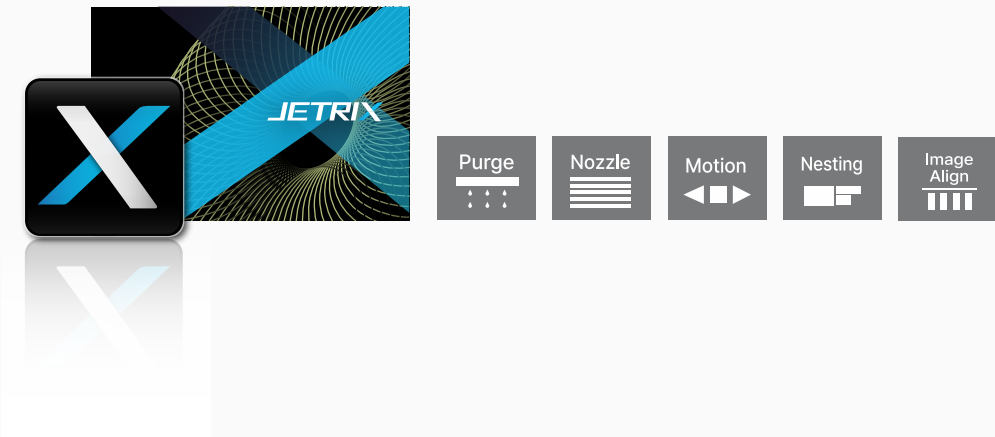
Intuitive Layout

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.



PRODUCT SPECIFICATIONS

MODEL	LXa7-R		
Print Head	Konica Minolta KM1024a		
Head Array Configurations	Max. 16 Printheads (1 or 2 Rows) Varnish, Primer, White (optional)		
Ink Type	UV LED-curable GREENGUARD Gold certified ink		
Resolution	Up to 1,440 dpi		
Printable Size	2,500 mm x 3,060 mm / 2,100 mm (Roll)		
Material Clearance	Max. 100 mm		
Substrate Weight	Max. 100 kg/m ² / Max. 80kg/Roll		
Printing Materials	Acrylic, Glass, Metal, Plastic, Wood, Paper, Leather, Stone and slate, Ceramic, Fabric, etc.		
Productivity	Top Speed	2 Pass	169.6 m ² /h
	Express	4 Pass	93.7 m ² /h
	Production	6 Pass	64.8 m ² /h
	Quality	8 Pass	49.8 m ² /h
	Fine Art	12 Pass	34.1 m ² /h
Rip Software	ONYX, CALDERA, PRINT FACTORY		
Ideal Installation Environment	Power Supply	380VAC, 3 Phase(3W)+PE, 50~60Hz, 30A, 5.5kVA	
	Compressed Air	0.5 MPa (5 bar)	
	Operating Temperature	+18°C to +25°C (65°F ~ 77°F)	
	Operating Humidity	30% to 60% non-condensing	
Dimensions / Weight	Flatbed	4,880(W) mm x 3,925(D) mm x 1,625(H) mm / 2,500 Kg	
	Roll Option	3,326(W) mm x 535(D) mm x 975(H) mm / 630 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.



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