

JETRIX UV LED PRINTER - LX5

High performance and high efficiency LED printer

InkTec's JETRIX LX5 flatbed and optional Roll-to-Roll UV LED printer, uses Konica Minolta printheads (6 picoliter) which deliver the perfect combination of superb printing quality and high productivity. Carefully designed for stability and precision, the printer offers optimal printing results on a wide variety of substrates.

The JETRIX LX5 features the new LED curing system, which costs less to run due to its lower energy consumption and longer lifetime.

In addition, driven by InkTec's specially formulated UV inks, the LX5 offers a wide colour gamut, high colour vibrancy and fast ink curing, which extend a customers' printing capabilities.

OUTSTANDING EXTERIOR FEATURES

1 Sophisticated flatbed and vacuum system

- Robust and stable flatbed, designed to meet high quality requirements
- Automatic control of the two different vacuum zones which ensure substrates are held completely flat when printing

6 picoliter, high resolution Konica heads

- 6 picoliter printheads which produce stunning detail and razor-sharp text, as small as 2-point
- High resolution prints with JETRIX anti-banding technology (G-mask) for a photorealistic printing

3 Efficient LED curing system

- Extended LED lamp life time of up to 20,000 hours (compared to mercury lamp)
- Eco friendly printing with reduced energy consumption (about 35% less than compared with a mercury lamp printer)
- Risks associated with heat eliminated, such as media deformation

4 Convenience automatic functions

 Automatic anti-head crash system, to protect from head damage

5 Advanced and user friendly GUI software

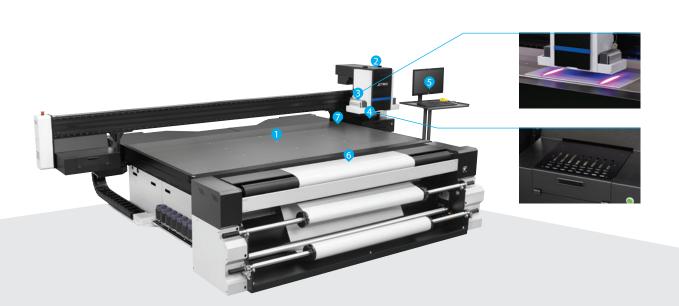
- Designed to achieve a higher quality print, with faster speeds
- Newly developed user friendly functions such as 'Drag & Print' (Patent applied for)

6 Versatile Roll to Roll system (Optional)

- Attached in front of the flatbed table

7 Effective anti-static system (Optional)

- lonizing system added to create an extensive anti-static effect on some materials



JETRIX UV LED PRINTER - LX3

Versatile and compact LED printer

It is small and compact size but this is robust and well engineered for stable printing.

This UV-LED flatbed printer will make your business profitable because it can be operated in a limited space and it consumes less electricity by LED curing system.

This machine will be an ideal solution for users printing on a various applications such as accessories, promotional items and souvenirs.

OUTSTANDING EXTERIOR FEATURES

1 Cost effectiveness and space saving design

- Low initial investment cost and less space needed for the printing job

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4 Efficient LED curing system

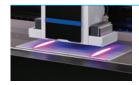
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5 Convenience automatic functions

- Automatic anti-head crash system, to protect from head damage

6 Effective anti-static system (Optional)

- Ionizing system added to create an extensive anti-static effect on some materials



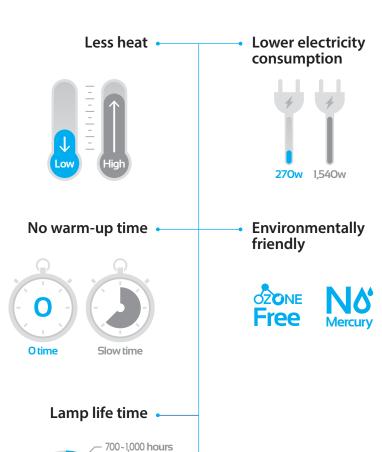




HIGHLY EFFICIENT LED CURING SYSTEM

5 reasons why LED curing system is competitive!

- LED Lamp
- Conventional UV Lamp

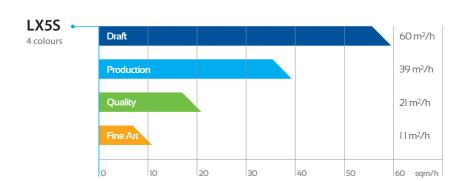


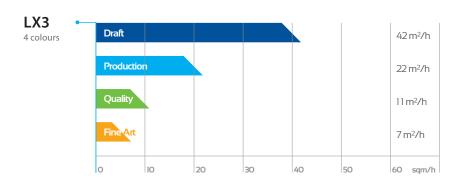


15,000 ~ 20,000 hours



COMPETITIVE PRINTING SPEED



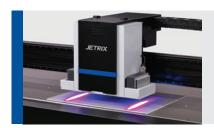


OPTIMAL PRINTING STRUCTURE FOR VARIOUS APPLICATION







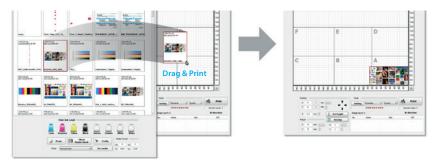


POWERED BY DEDICATED JETRIX GUI SOFTWARE

JETRIX GUI (Graphical User Interface) simplifies, optimises and automates as many steps as possible.

- Just drag an image from the work folder to the visualized flatbed on the monitor
- The x, y coordinates are in the visualized flatbed so that users can array multiple images on the monitor easily.





Multi Array & Copy function

- After ripping an image, users can print multiple images without additional ripping.
- Moving and nesting images is easy through Drag & Print function.

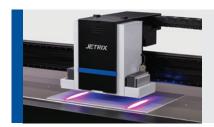




Printing zone setting function

- After setting the media size, GUI shows the printable space on the monitor.
- This function prevents users from printing images outside of the media area.





JETRIX UV LED inks

World class InkTec-made inks

In kTec UV in ks have many benefits for outdoor & indoor printing due to their superior UV resistance, high colour concentration and excellent adhesion.

Their fast drying time, wide colour gamut and high density delivers enhanced printing productivity.
Furthermore, these inks are suitable for wide range of both coated and uncoated roll media, such as Flex,
PVC and Vinyl and ridged substrates such as ACM, Correx, Acrylic, Glass and Foam PVC.

High quality output

The JETRIX UV inkjet inks are stable, fast curing and easy to handle. These digital inks print in sharp, vibrant colours on a wide range of flexible and rigid, coated and uncoated media.

Generating high image quality, they offer an ideal solution for various indoor and outdoor applications.

Outdoor durability

The JETRIX UV inks have been formulated based on the highest quality of automotive grade pigments. The result is a high quality image with superior lightfastness for most graphic arts applications and also long-term outdoor applications. Accelerated weathering tests on different substrates indicate the outdoor durability is more than 2 years under normal outdoor conditions.

Versatile functional inks and white

Varnish can be used to add impact and value, with a spot or flood varnish giving uniform finish Primer can be used to print on difficult substrates, such as glass and metal White ink can be used to produce images on transparent or coloured materials

Colour configuration and features

		LX5S	LX3
Configuration	4 channel	•••	•••
	6 channel	••••+•	• • • + O O • • • + O + 1 Varnish or Primer
	7 channel	●●● + ○○ + 1 Varnish or Primer	
	8 channel	●●● + ○○ + 1 Varnish and Primer	
Feature		Flexible enough to fold	Flexible enough to fold
		Hard to crack	Hard to crack
		Hard to deform after printing	Hard to deform after printing
		Excellent media compatibility	Excellent media compatibility



SPECIFICATION

	LX5S	LX3	
Head	Konica KM1024 / 6PL	Konica KM1024 / 6PL	
Resolution (dpi)	1,440 x 720	1,440 x 720	
Rigid media size (mm)	2,440 x 1,220	1,220 x 1,220	
Rigid media thickness (mm)	100	70	
Roll media width (mm)	2,190	-	
Printing speed	Fine Art : 11sqm/h	Fine Art : 7sqm/h	
	Quality : 21sqm/h	Quality : 11sqm/h	
	Production : 39sqm/h	Production : 22sqm/h	
	Draft : 60sqm/h	Draft : 42sqm/h	
White	Available	Available	
Varnish, Primer	Available	Available	
RIP recommendation	Caldera	Caldera	
Dimension (W x D x H)	4,220mm x 2,200mm x 1,400mm	2,480mm x 1,858mm x 1,383mm	
	4,220mm x 2,775mm x 1,400mm (Roll)		
Weight	1,150kg / 1,600kg (Roll)	600kg	
Electrical requirement	210~230V, Single phase, 50~60Hz	210~230V, Single phase, 50~60Hz	
Compressed Air requirement	over 0.5MPa	over 0.5MPa	

OPTIONAL ITEMS

Items	Reorder
Roll to Roll take up unit	RTR-2190A
Anti-static ionizing bar	SP1-ION5
AVR(Automatic Voltage Regulator)	01-EP12-03-0
Caldera RIP	RIP-CAL-G-11

APPLICATIONS















