

# ***LXi8***

**UV-LED PRINTER**



**JETRIX**  
SIMPLE & PERFECT

# JETRIX ULTRA HIGH SPEED UV LED PRINTER - LXi8

## 3.2m wide flatbed with ultra high printing speed and UV LED curing system

InkTec's JETRIX LXi8 production printer has a 3.2 x 2m wide flatbed, a powerful zonal vacuum system with automated pin registration for quick and accurate media placement.

It is significantly faster than previous models, with its highest printing speed reaching up to 197sqm/h.

The innovative LED curing system, reduces operational costs by delivering an overall lower energy consumption and delivering a longer lifetime. Designed and developed with the user in mind, the LXi8 features many automated functions and safety systems for increased productivity.

The LXi8 will give new printing possibilities combined with optimal printing results.

### OUTSTANDING EXTERIOR FEATURES

#### ① Sophisticated flatbed and vacuum system

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

#### ② Latest generation Konica Minolta printheads

- Printing speeds are more than twice as fast as previous models
- Photorealistic printing achieved through high resolution and variable dot

#### ③ Efficient LED curing system

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

#### ④ Convenient automatic functions

- Automatic anti-head crash system,
- Automated pin registration for fast and accurate media placement
- Touch screen monitor

#### ⑤ Safety functions

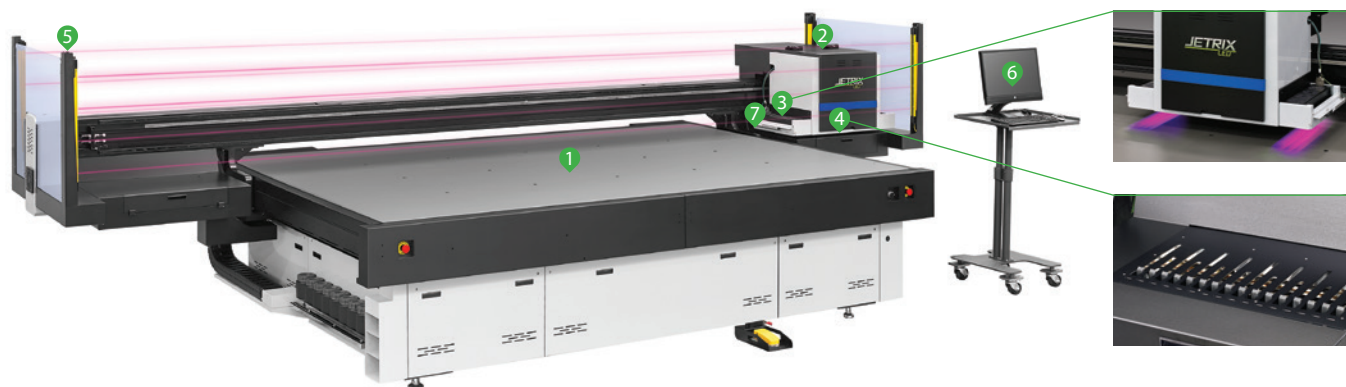
- Laser guided safety sensor to avoid an accident. Head carriage moves slowly when some objects are detected.
- Automatic anti-head crash system, to protect head damage

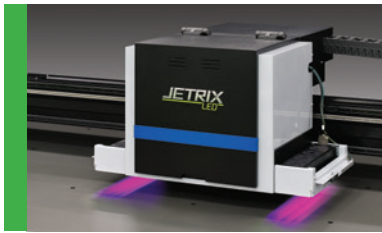
#### ⑥ Advanced and user friendly GUI software

- Designed to achieve a higher quality print, with faster speeds

#### ⑦ Effective anti-static system (Optional)

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





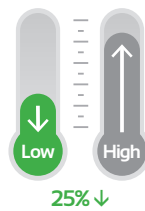
## JETRIX UV LED PRINTER LXi8

### HIGHLY EFFICIENT LED CURING SYSTEM

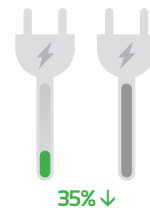
5 reasons why  
LED curing system  
is competitive!

- LED Lamp
- Conventional UV Lamp

#### Less heat



#### Lower electricity consumption



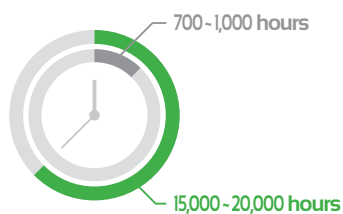
#### No warm-up time

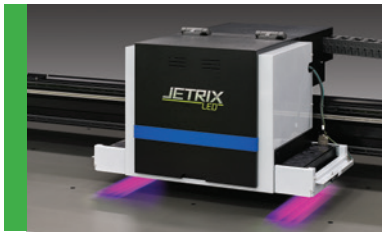


#### Environmentally friendly



#### Lamp life time

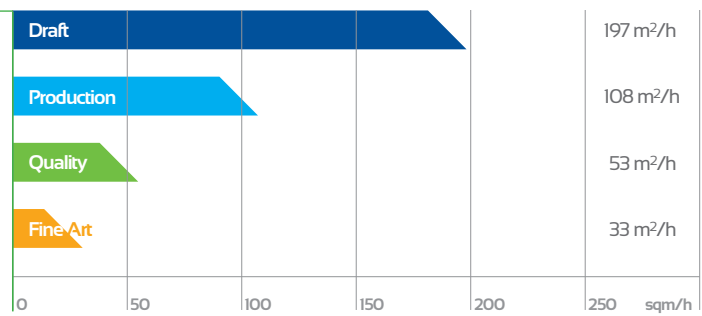




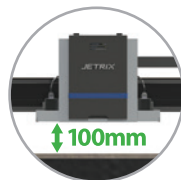
## JETRIX UV LED PRINTER LXi8

### COMPETITIVE PRINTING SPEED

**LXi8**  
6 colors



### OPTIMAL PRINTING STRUCTURE FOR VARIOUS APPLICATION

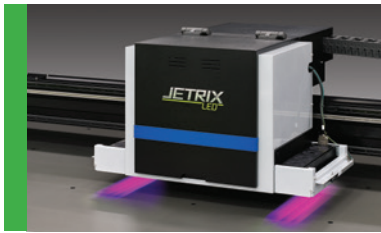


Maximum substrate  
thickness 100mm



Maximum loadable  
weight 80kg/sqm





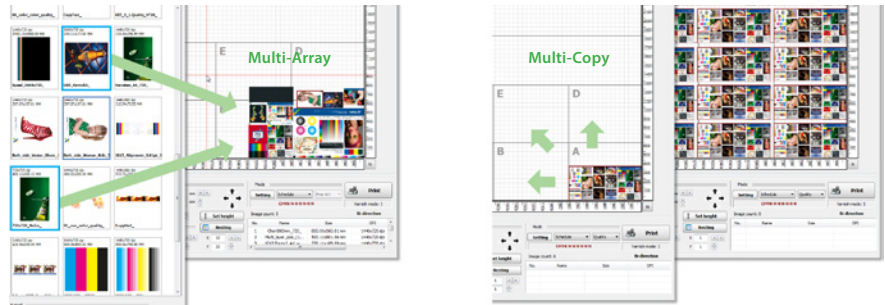
## JETRIX UV LED PRINTER LXi8

### POWERED BY DEDICATED JETRIX GUI SOFTWARE

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

#### Multi Array & Copy function

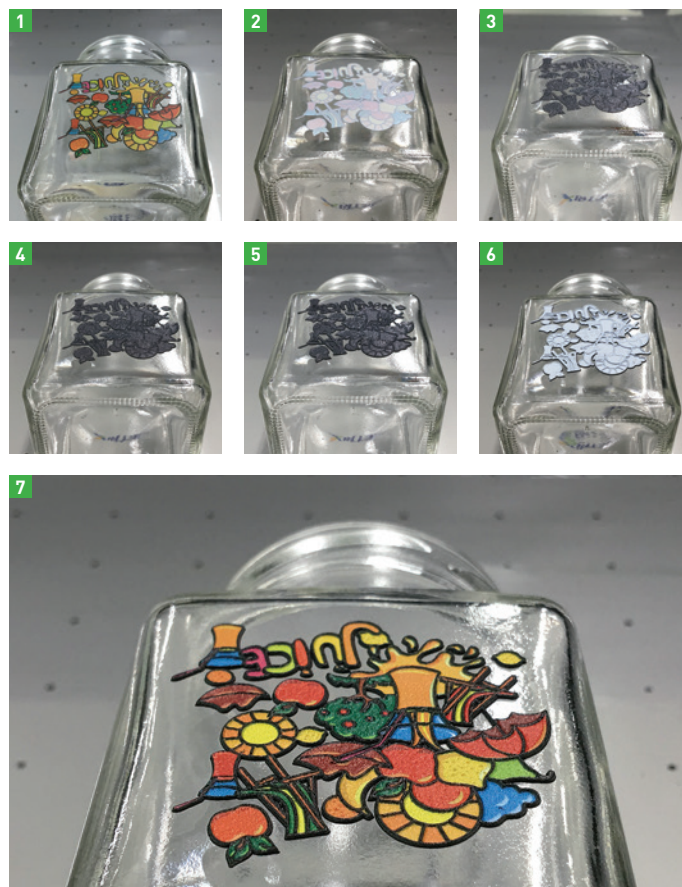
- After ripping an image, users can print multiple images without the requirement for any additional ripping
- Moving and nesting images is easy through Touch screen monitor.

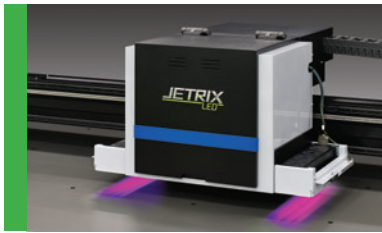


### 3D EFFECT PRINTING FUNCTION

#### 3D effect and texture printing

- 3D effect and texture printing are available by using multi layer printing





## JETRIX UV LED PRINTER LXi8

### JETRIX UV LED inks

#### World class InkTec-made inks

InkTec UV inks have many benefits for outdoor & indoor printing due to their superior UV resistance, high color concentration and excellent adhesion. Their fast drying time, wide color 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 colors 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 using only the highest quality of automotive grade pigments. The result is a high quality print with superior lightfastness for most graphical arts applications, also delivering long-term outdoor benefits. Accelerated weathering tests on different substrates indicate the outdoor durability is more than 2years 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 a 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

	12 channel	14 channel	16 channel
Configuration	●●●●●● x 2	●●●●●●○ x 2	●●●●●●○ + Varnish or Primer x 2
Feature	Hard to crack		
	Hard to deform after printing		
	Excellent media compatibility		
	Excellent scratch resistance		



## SPECIFICATION

LXi8		
Head		Konica KM1024i
Resolution		1,080 x 720dpi
Rigid media size		3,200mm x 2,030mm
Rigid media thickness		100mm
Printing speed	Fine Art	33 sqm/h
	Quality	53 sqm/h
	Production	108 sqm/h
	Draft	197 sqm/h
White		Available
Varnish, Primer		Available
RIP recommendation		Caldera
Dimension (W x D x H)		5,690mm x 2,300mm x 1,620mm
Electrical requirement		210~230V, Single phase, 50~60Hz, 6.9kVA
Compressed Air requirement		over 0.5MPa



## APPLICATIONS

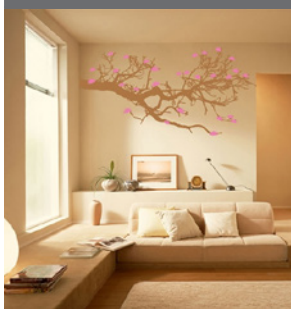
short-term outdoor signage



clear film window graphics



interior decoration



furniture decoration



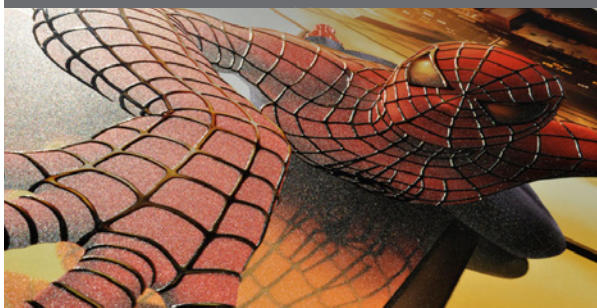
industrial applications



industrial keypads



spot varnishing



wood prints



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