LX*i8*

UV-LED PRINTER

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 it's highest printing speed reaching up to 206sqm/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.
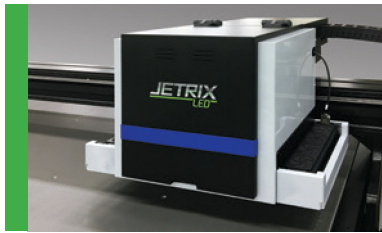- Automatic anti-head crash system, to protect head damage

6 **Advanced and user friendly GUI software**
- Designed to achieve a higher quality print, with faster speeds

7 **Effective anti-static system (Optional)**
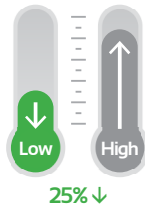- Ionizing system added to create an extensive anti-static effect on some materials

HIGHLY EFFICIENT LED CURING SYSTEM

5 reasons why
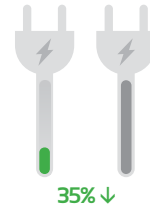LED curing system
is competitive!

■ LED Lamp
■ Conventional UV Lamp
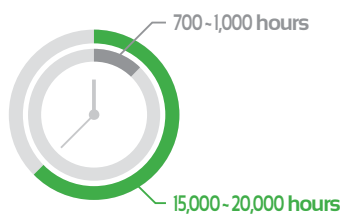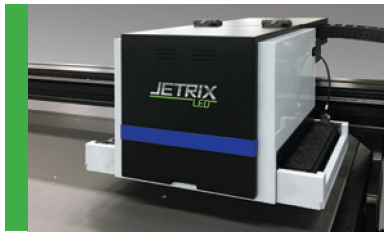
Less heat

25% ↓

Lower electricity consumption

35% ↓

No warm-up time

0 time   Slow time

Environmentally friendly

OZONE Free   NO Mercury

Lamp life time

700~1,000 hours

15,000~20,000 hours

COMPETITIVE PRINTING SPEED

LXi8
6 colors

Production		206 m²/h
Quality 2		103 m²/h
Quality		54 m²/h
Fine Art		32 m²/h

0   50   100   150   200   250   sqm/h
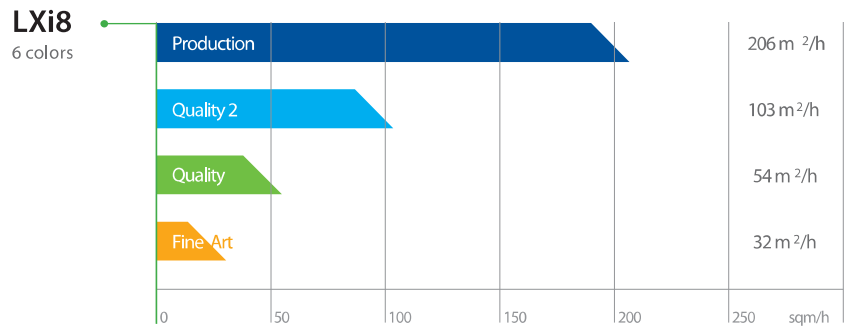
OPTIMAL PRINTING STRUCTURE FOR VARIOUS APPLICATION
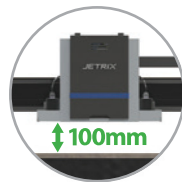
100mm
Maximum substrate thickness 100mm

80kg
Maximum loadable weight 80kg/sqm

Scan Direction

100mm

80kg
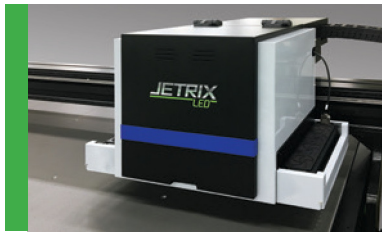
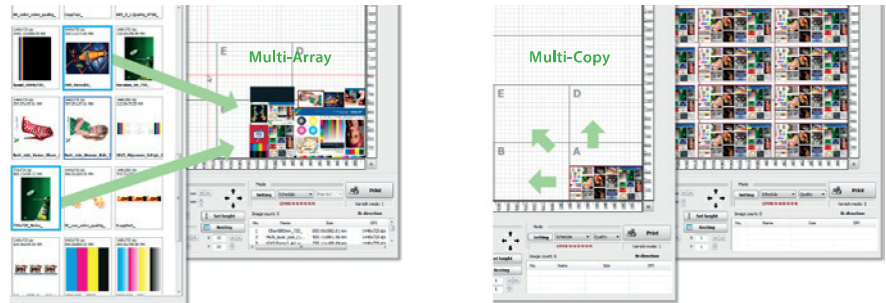## POWERED
BY DEDICATED
JETRIX GUI SOFTWARE

JETRIX GUI (Graphical User Interface) simplifies, optimizes and automates as many steps as possible.
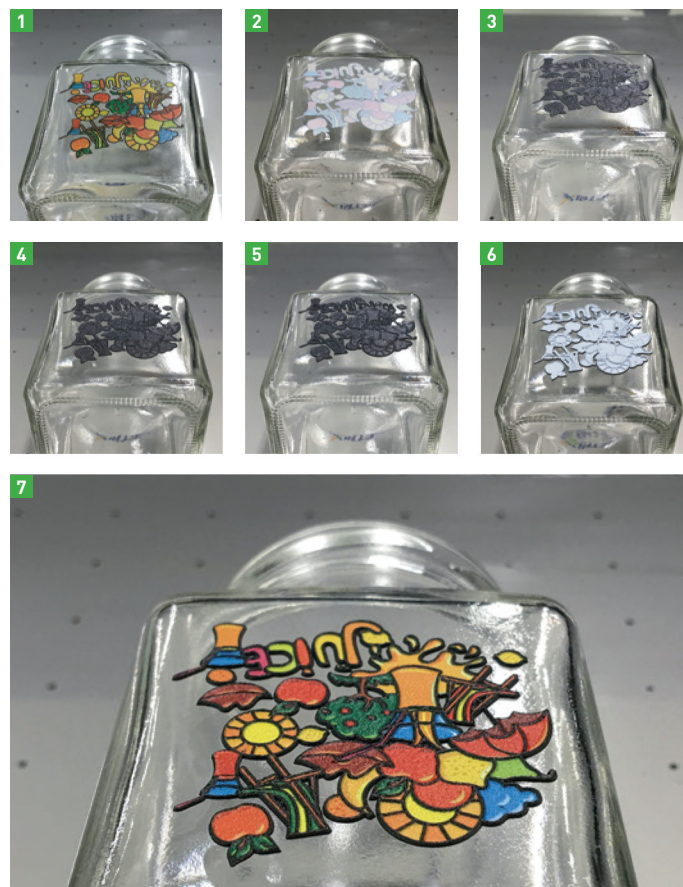
Multi Array & Copy function

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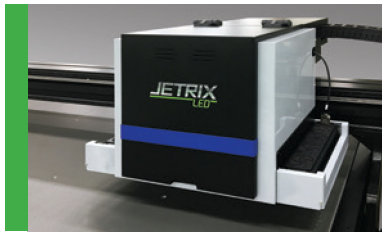- Moving and nesting images is easy through Touch screen monitor.

3D EFFECT
PRINTING FUNCTION

3D effect and texture printing

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

JETRIX
UV LED 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 : 32sqm/h
	Quality : 54sqm/h
	Quality 2 : 108sqm/h
	Production : 206sqm/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