

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 it's highest printing speed reaching up to 181sqm/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 six 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

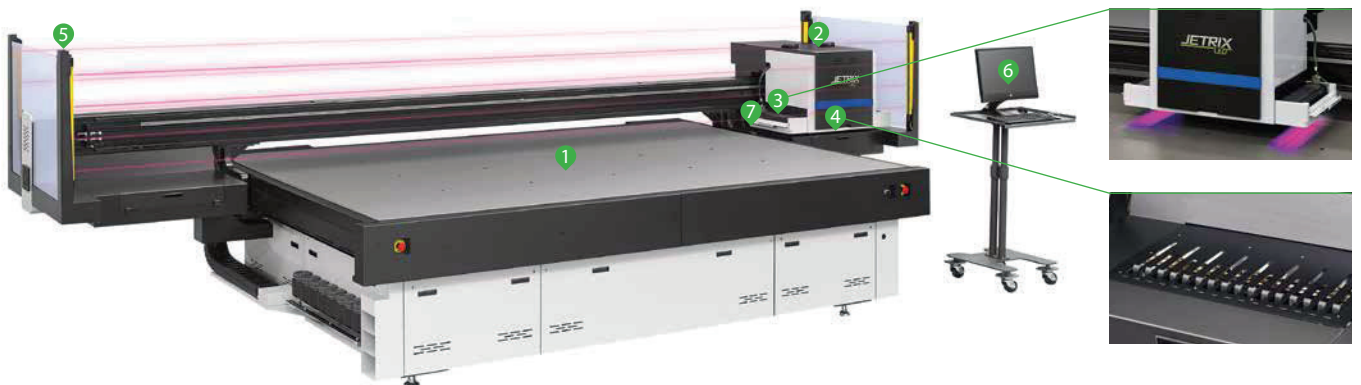
- Laser guided safety sensor to avoid an accident. Head carriage moves slowly when some objects are detected.
- Automatic anti-head crash system, to protect head damage

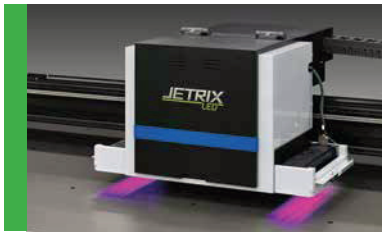
6 Advanced and user friendly GUI software

- 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





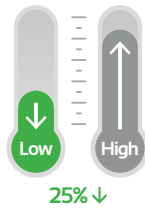
JETRIX UV LED PRINTER LXi8

HIGHLY EFFICIENT LED CURING SYSTEM

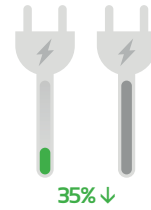
5 reasons why
LED curing system
is competitive!

- LED Lamp
- Conventional UV Lamp

Less heat



Lower electricity consumption



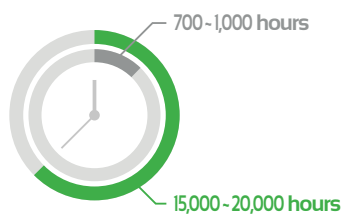
No warm-up time

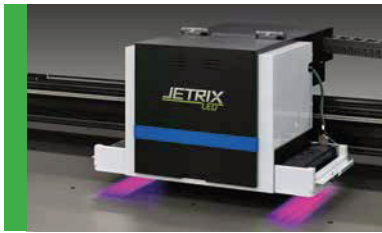


Environmentally friendly



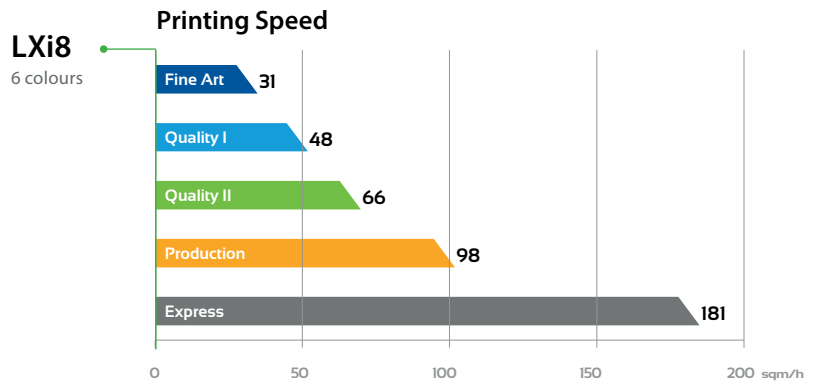
Lamp life time



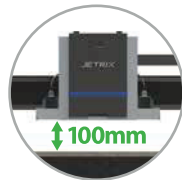


JETRIX
UV LED PRINTER
LXi8

COMPETITIVE
PRINTING
SPEED



OPTIMAL PRINTING
STRUCTURE FOR
VARIOUS APPLICATION

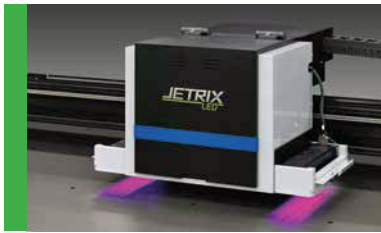


Maximum substrate
thickness 100mm



Maximum loadable
weight 80kg/sqm





JETRIX UV LED PRINTER LXi8

POWERED BY DEDICATED JETRIX GUI SOFTWARE

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

InkTec have developed a new JETRIX GUI (Graphical User Interface) to meet customers' increased expectations.

InkTec's innovative software is designed to achieve a higher quality print with convenience functions.

Combined JETRIX printer, JETRIX GUI will maximise your printing performance.

Easy Image Editing

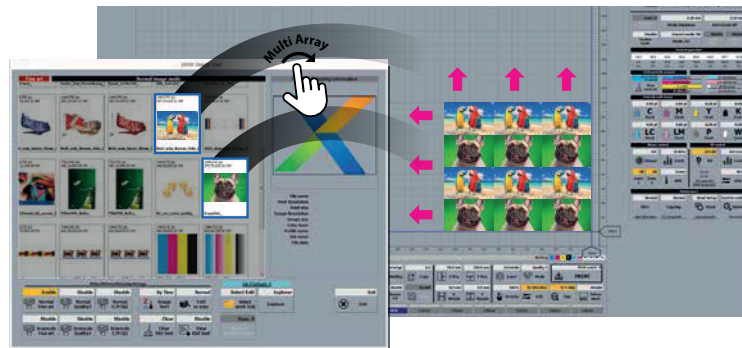
1. Drag & Print

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



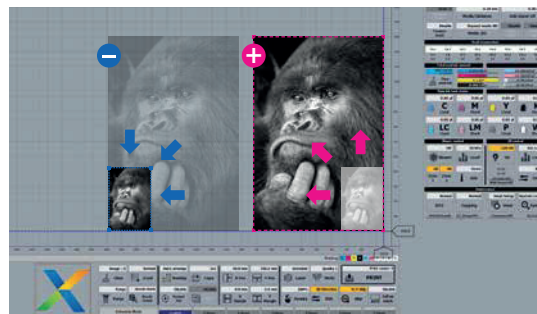
2. Multi Array & Copying

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



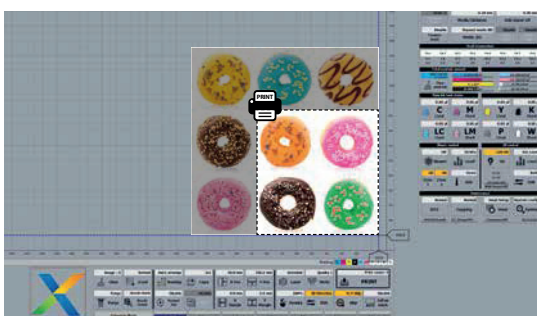
3. Re-sizing Images

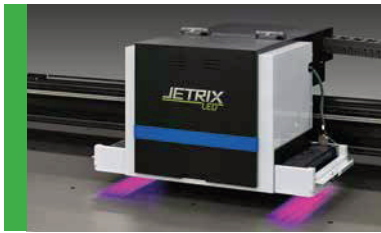
- Some resolutions are reduced, but you can also easily shrink and enlarge images as required, without ripping the original.



4. Image Crop

- If required, only a part of the image can be easily extracted and printed
- The printing speed can be further enhance by using the Image Crop function.



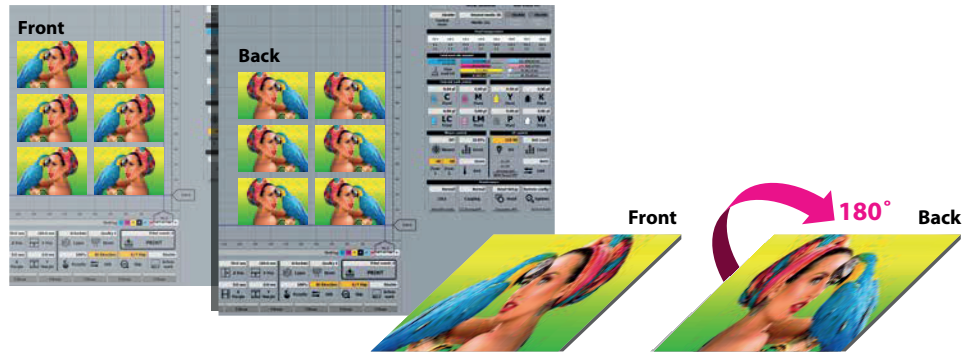


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Easy and convenient applications

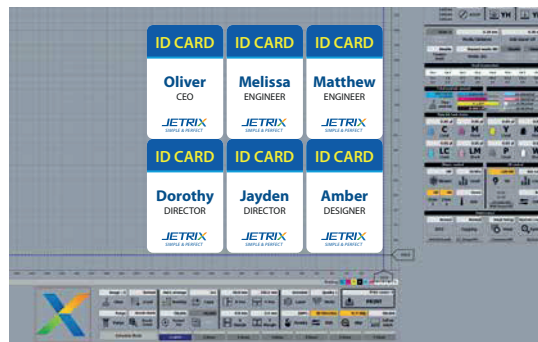
1. JIG Function

- The JIG function is designed to enable mass repetition, where convenient and accurate double-sided printing is achievable



2. VDP (Variable Data Printing)

- Variable data printing is particularly relevant when different text output is required for common images such as for name badges and certificates.



3. Image Overlapping (Watermark)

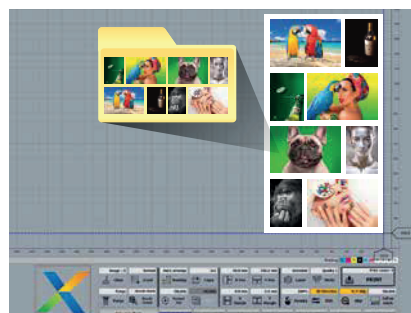
- Different images can be overlapped and a watermark function can also be implemented.



Coming soon!

4. Thumbnail Printing

- Sample images, such as thumbnails can be output without ripping.

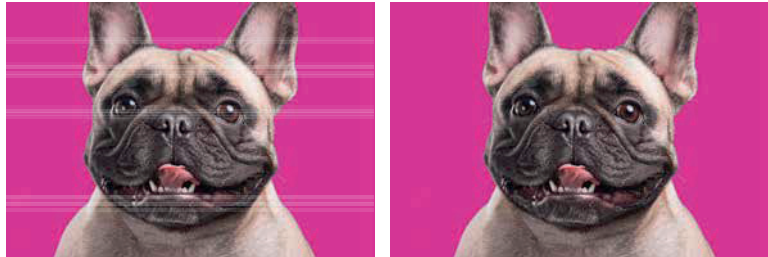


Easy Quality Control

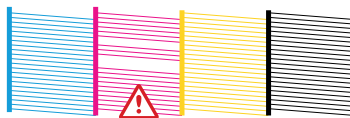
1. Nozzle Replacement

- On the odd occasion when print problems may occur due to clogged nozzles and the automatic nozzle cleaning does not resolve the issue, the nozzle replacement function is able to replace the problem nozzle with another nozzle to enable normal output.

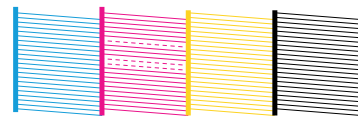
* Recoverability of Nozzle Recovery Function is limited.



Nozzle clogged



Replace

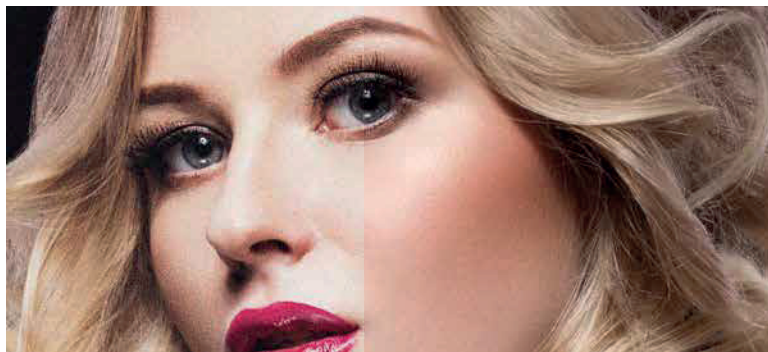


2. Variable Dot Printing

Variable drop function provides different drop sizes at once to produce smooth and natural graduation, without a granular appearance.

Normal

Variable Dot

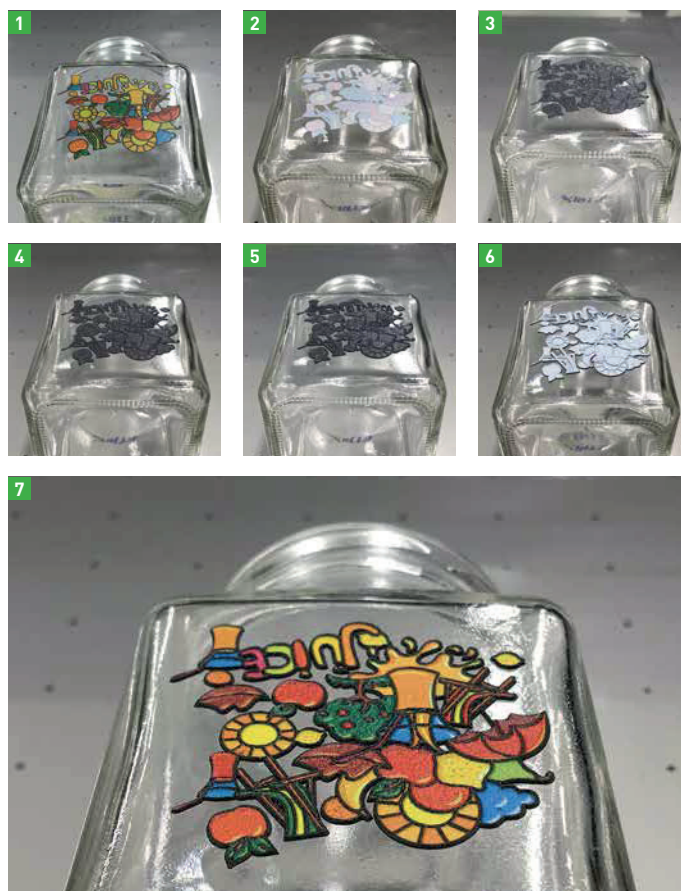


Special application

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 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 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 |

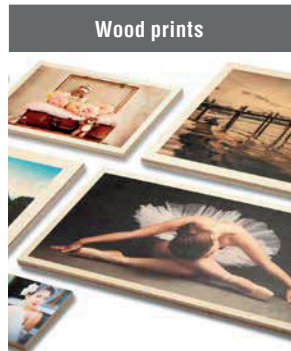
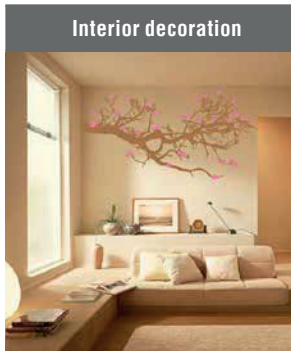
| model name | ULA | ULB |
|----------------|-------------------------------|--|
| Feature | Standard type | Hard type |
| | Hard to crack | Excellent scratch resistance |
| | Excellent media compatibility | Superior colour gamut and vivid colour |



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 | 31sqm/h |
| | Quality I | 48sqm/h |
| | Quality II | 66sqm/h |
| | Production | 98sqm/h |
| | Express | 181sqm/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



About InkTec R&D

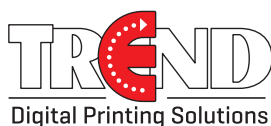
As a world class printing solution provider, InkTec designs new technologies and innovates through steady investment in R&D in order to leap forward and constantly be seen as a key company specialising in digital printing.

InkTec are always striving to do their best to achieve global technical leadership, always focusing on the future of printing.



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