

Sophisticated RIP software maximizes the performance of UJF-7151 plus

RASTER LINK 6

Additional useful functions

- **User friendly RIP key features**
 - Easy to follow icons enable intuitive and user-friendly operation
 - Related settings feature in one window to simplify RIP operations, with 'Register as Favourite' option available for regularly used layouts
 - Printing progress can be monitored on the main screen
- **1. JIG & Template function**
Registration of templates is achieved through a JIG export function, parameter in RasterLink 6, allowing the designed image to be placed inside the template layout, procedure and accurately positioned for print setup and registration of image file.
- **2. Web update function**
Program update and profile download can be easily performed via the internet.

Specifications

Item	UJF-7151 plus
Print-head	On-demand piezo head (8 staggered printheads)
Maximum print resolution	1,200dpi
Maximum printable area	710 x 510mm
Ink	Type/Colour
	UH-100 (C, M, Y, K, W, Cl) PRJ-200 (Pmagenta)
Media	Package size
	Size
	Height
Certifications	Weight
Interfaces	USB 2.0 Hi-Speed / Ethernet 100BASE-T
Power supply	Single-phase AC100 ~ 120V / AC200 ~ 240V
Power consumption	1.3 kW
Operational environment	Temperature: 15 ~ 30°C
	Humidity: 35 ~ 65% RH (Non condensing) Recommended temperature range for stable operation: 20 ~ 25°C
Dimensions (W x D x H)	2,198 x 1,572 x 1,279mm
Weight	317kg (Basic stand weight is included)

Note: Data in the above specifications are subject to change without notice.

Safety Notice

- You are dealing with UV light sources that may harm your health. Please follow below guidelines strictly:
- Do not look directly into the UV light source nor pass your hand, or expose your skin directly to the UV light source.
 - Depending upon print mode, there might occur some VOC emission from printed parts not yet cured and hardened.
 - Please read and follow the instructions and guidelines of the manual carefully.

* Some of the samples in this slide are artificial and might be different in design and dimensions stated in this order may be subject to change without notice for technical improvements, etc.)
 * The operation and maintenance work on this order are the responsibility of the customer's personnel. * Light or flame proofing coating on this order may vary after replacement of the printing head. See the technical safety instruction sheet, which is available on the Mimaki website for the individual reference. * Company's name reserved.

Supplies

Item	Colour	Item No.	Remarks
UH-100	Cyan	LH100-C-BA	Volume per bottle 1 Liter
	Magenta	LH100-M-BA	
	Yellow	LH100-Y-BA	
	Black	LH100-K-BA	
	White	LH100-V-BA	
PRJ-200	Clear	LH100-CL-BA	
	Pmagenta	PR200-Z-BA-1	

Inks and substrates:

- Please note that properties and adhesion, weather resistance etc. of ink and substrates can vary. Therefore please test materials before printing.
- Some substrates require primer before printing. Please test materials beforehand or ask your sales representative.

UJF-7151 plus

PRELIMINARY BROCHURE



Production UV LED flatbed printer....

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Mimaki

The world imagines... Mimaki delivers



Mimaki

**ENGINEERING EXCELLENCE
AND CREATIVE INNOVATION**

Founded in Japan in 1975, Mimaki Engineering has steadily grown by reputation and influence into a global company with large operational bases in Asia and the Pacific, United States and Europe.

Renowned for award-winning performance, peerless build quality and innovative technology, Mimaki has established itself as a leading manufacturer of wide-format inkjet printers and cutting machines for the sign and graphics, textile and apparel and industrial markets. In addition, Mimaki also provides a comprehensive range of supporting products; hardware, software and associated consumable items, such as hits and cutting blades.

From outdoor signage and billboards to interior decoration and furnishing, from packaging and labels to promotional gifts and apparel, Mimaki is committed to developing technology that sets new industry standards, producing machines and products that turn the imagination of our customers into breath-taking reality.

... **Mimaki delivers**

the power to

create...

Next-generation direct-to-object production flatbed LED UV printer

Capitalising on its peerless heritage in compact UV LED direct-to-object print technology, the UJF-7151 plus reaffirms Mimaki's market dominance in this rapidly developing sector. Geared to on-demand printing of the very highest quality at industrial production levels of output, UJF-7151 plus utilises state-of-the-art technology to deliver a powerful and reliable digital alternative to traditional screen print operations.

UJF-7151 plus delivers ...

- Precise ink drop placement at up to 1,200dpi
- 6 staggered print heads
- Large 710 x 510mm printable area
- Superior image quality control technology (MAPS4 & MFD1)
- Direct printing on substrates up to 153mm thick
- High-end industrial construction for precision production output
- Process, White & Clear inks, plus Primer
- High speed printing – up to twice the speed of previous models

UV LED CURING
710 X 510mm MAX. PRINT AREA
MAX. MEDIA THICKNESS 153mm
1 LITRE INK BOTTLE SUPPLY
USB2.0 / ETHERNET 1000 INTERFACE
LOW POWER CONSUMPTION

UJF-7151 plus



High performance and high productivity

The 710 x 510mm printed accommodates most commonly used traditional screen print sizes, making this machine an ideal upgrade for traditional screen printers. An array of six staggered printheads increases the printing speed to approximately twice the speed of previous models and approximately 2.6 times that of competitive models. This gives the machine the capability to produce approximately 6 beds of print per hour.



Create ... Promotional items, Personalised giftware, Bespoke products, Control panels, Pens, Packaging, Small-medium format rigid signage, Instrumentation & Gauge faces, Custom components, Branded electronic device cases and covers and much more...

KEY TECHNICAL FEATURES ...

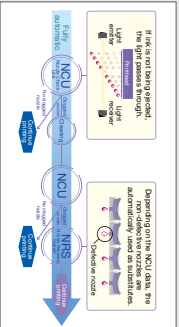
High quality Industrial construction

Delivers precision output
In order to reduce prime unit vibration, the print table moves during printing instead of the Y-bar. Two ball screws are installed on both sides of the table to assist with its movement. In addition, four motor-driven legs are used to adjust the table height. The legs are fixed to the table. It is filled or lowered, resulting in a more precise digital placement and higher quality print output.



4. Uninterrupted printing features

Maintain high productivity levels
In the event of a nozzle malfunction not being repairable by the use of the maintenance function, printing can continue by the use of another nozzle, without any loss of productivity or a reduction in image quality.

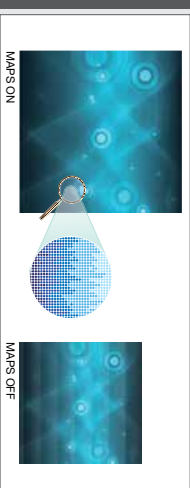


Ink Circulation System

Located in the print head reduced ink settling and provides stable ink jetting. In addition, the system removes air bubbles, which plug the nozzle. Nozzle-cleaning frequency is thereby reduced, resulting in a 10% stable print output.

MAPS4 Advanced Pass System

Mimaki's unique anti-banding feature, MAPS4 is a more advanced version of MAPS3. To prevent banding, swath boundaries are overprinted and boundaries prone to banding are printed with fewer ink droplets.



MFD1 - Mimaki Fine Diffusion 1

Dithering is an image processing technique, which transforms image data for inkjet printing. Pattern and error-diffusion dithering may, however, generate particular image noise resulting in uneven color printing or tone jumps, even on a high-performance printing unit. New RasterLink 6 software, incorporates patented image-processing MFD1, which reduces noise due to dithering through hybrid processing of pattern- and error-diffusion dithering, thereby enhancing print quality. * Patent number: 520818

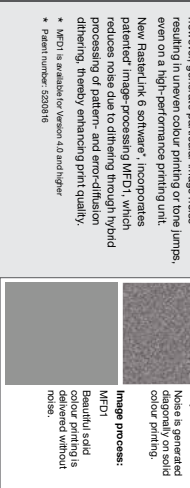


Image process:

Does the generated dithered color printing. MFD1 Baseline soft color printing is delivered without noise.