## Combination of upgraded usability and functionality

RIP Software combining usability and high performance

# Raster Link 7

Operate machine remotely

Achieve smooth and planned operations





Compatible with Mimaki Software's centralized management software "Mimaki Application Assistant (MA2)"

#### ■ Specifications

Specili	cations		
Item		UJF-7151 plusii e	
Print head		On-demand piezo head (8 staggered printheads)	
Print resolution		600 dpi / 900 dpi / 1200 dpi / 1800 dpi	
	Туре	UV curable ink: LH-100 / ELH-100 / LUS-120 / ELS-120 / LUS-350 / MUH-100-Si / PR-200	
Ink	Color	C/M/Y/K/Lc/Lm/W/Cl/Si/Pr (Primer)	
	Ink supply	1 L / 250 ml / 200 ml bottle*	
Maximum printable area		710 × 510 mm (28 × 20 in)	
	Size	730 × 530 mm (28.7 × 20.9 in) or less	
Media	Thickness	153 mm (6 in) or less	
	Weight	30 kg (66 lb) or less	
Interface		USB2.0 / Ethernet 1000 BASE-T	
Certifications		VCCI class A, FCC class A, ETL IEC 62368-1, CE Marking (EMC, Low voltage, Machinery directive, and RoHS), CB, REACH, EAC, RCM	
Power supply		Single phase AC100-120/200-240V±10%, 50/60Hz±1Hz	
Power consumption		1,300 VA or less	
	Temperature	15 - 30 degC (59 - 86 degF)	
	Humidity	35-65% Rh (No condensation)	
Operational environment	Recomended Temperature	20 - 25 degC (68 - 77 degF)	
	Temperature change	±10 degC/h or less	
	Dust level	Equivalent to a general office floor level	
Dimensions (W×D×H)		2,203 × 1,572 × 1,293 mm (87 × 62 × 51 in)	
Installation area		2,803 × 2,580 mm (110 × 102 in)	
Weight		330 kg (728 lb) Base stand weight is included.	
For LH-100, ELH	1-100. LUS-120. ELS-12	20 and PR-200, 1 L and 250 ml bottles are available.	

For LH-100, ELH-100, LUS-120, ELS-120 and PR-200, 1 L and 250 ml bottles are available.
 Only the 1 L bottle is available for the LUS-350, and only the 200 ml bottle for the MUH-100-Si.

#### **■Options**

Item	Item code	Remark
Pilot lamp	OPT-J0398	Indicator light
Vacuum unit	OPT-J0419	Additional vacuum
UJF-7151 plusII OP Ionizer	OPT-J0518	To eliminate static electricity
UJF-7151 plusii Fuli cover OP	OPT-J0520	For noise reduction, safety, dust control
OP Air filter	OPT-J0515	Installation outside the main unit. Requires OPT-J0520 UJF-7151PlusII Full cover option for use.
Kebab HS	OPT-J0528	For printing on cylindrical materials

## Improves efficiency

### **Automation of printing processes**

Adaptable to "Mimaki Device Language (MDL)" to realize automation of printing processes

Using MDL commands allows you to automate printer control, job management, and workpiece conveying device operation from an external device



<sup>\*</sup>When using MDL commands, refer to the separate MDL commands manual included in the SDK \*Please note that machine failures due to MDL commands may not be covered by our warranty

#### ■ Supply

Item	Item		Remark	
	Cyan	LH100-C-BA		
	Magenta	LH100-M-BA		
	Yellow	LH100-Y-BA		
I H-100	Black	LH100-K-BA	1L bottle	
LH-100	White	LH100-W-BA	1 IL DOTTIE	
	Clear	LH100-CL-BA		
	Light Cyan	LH100-LC-BA		
	Light Magenta	LH100-LM-BA		
	Cyan	ELH100-C-BA		
	Magenta	ELH100-M-BA	1L bottle SVHC free ink*	
	Yellow	ELH100-Y-BA		
ELH-100	Black	ELH100-K-BA		
ELN-100	White	ELH100-W-BA		
	Clear	ELH100-CL-BA		
	Light Cyan	ELH100-LC-BA		
	Light Magenta	ELH100-LM-BA		
	Cyan	LUS12-C-BA		
	Magenta	LUS12-M-BA	- 1L bottle	
	Yellow	LUS12-Y-BA		
LUS-120	Black	LUS12-K-BA		
LUS-120	White	LUS12-W-BA		
	Clear	LUS12-CL-BA		
	Light Cyan	LUS12-LC-BA		
	Light Magenta	LUS12-LM-BA		
	Cyan	ELS120-C-BA		
	Magenta	ELS120-M-BA		
	Yellow	ELS120-Y-BA		
FI S-120	Black	ELS120-K-BA	1L bottle	
EL3-120	White	ELS120-W-BA	SVHC free ink*	
	Clear	ELS120-CL-BA		
	Light Cyan	ELS120-LC-BA		
	Light Magenta	ELS120-LM-BA		
	Cyan	LUS35-C-BA		
	Magenta	LUS35-M-BA		
LUS-350	Yellow	LUS35-Y-BA	1L bottle	
	Black	LUS35-K-BA		
	White	LUS35-W-BA		
	Clear	LUS35-CL-BA		
MUH-100-Si	Silver	MUH10-Si-B2	UV Metallic Ink 200ml bottle	
IJ Primer PR		PR200-Z-BA ML007-Z-BA	1L bottle	
<u> </u>	Flushing liquid 07		1L bottle	
Maintenance 15 100ml bottle		ML015-Z-B1	100ml bottle	
Maintenance	15 kit	ML015-Z-K1	Maintenance kit with 2 pcs. of 100ml bottle	

<sup>\*</sup> GREENGUARD Gold-certified inks are LH-100, ELH-100, LUS-120 and ELS-120.

#### ⚠ Inks and substrates:

•As physical properties of ink (adhesion, weather resistance etc.) are different depending on media, please be sure to have a print test in advance.

•Depending on the application, primers, other surface treatment or surface protection such as lamination may be

## ▲ Safety notice:

This product is equipped with UV irradiation equipment.

Please pay attention to the following notes in order to use safely.

Do not look directly into the UV light source nor place your hand, or expose your skin directly to the UV light source. Depending upon print mode, some VOC emittance from printed parts not yet cured and hardened may occur. In addition, please be sure to read and follow the instructions and guidelines of the manual carefully.

● Some of the samples in this catalog are artificial renderings. ● Specifications, design and dimensions stated in this catalog may be subject to change without notice (for technical improvements, etc). The corporate names and merchandise names written on this catalog are the trademark or registered trademark of the respective corporations. ● Inkjet printers print using extremely fine dots, so colors may very slightly vary after replacement of the printing heads. Also note that if using multiple printer units, colors could vary slightly from one unit to other unit due to slight individual differences. ● The specifications described in this catalog are as of October 2025.



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For **INDUSTRIAL PRODUCTS** 

High-Performance Flatbed UV Inkiet Printer

# UJF-7151 plusII e

















<sup>\*</sup> SVHC-free ink is ink that does not contain SVHC and CMR, chemical substances that are considered to pose extremely high concerns for human health and the environment.

## Add Texture. Add Depth. Add Value.

# - Unlock new dimensions in Industrial Printing

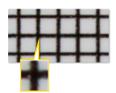
The UJF-7151 plusll e is a high-performance model that retains the high-quality printing up to 1800 dpi, highly precise positioning, heavy media compatibility, and stability evaluated in the previous model, the UJF-7151 plusll. It further pursues enhanced "Print Higher" and "Print Deeper" capabilities, along with improved productivity and reduced running costs.



## High-Quality, High-Precision Printing 1800 dpi maximum

## Supports Up to 1800 dpi and 6 colors, including light colors

Equipped with 1800×1800 dpi mode\*. Even detailed drawings and extremely fine text are reproduced beautifully and precisely. Furthermore, the six-color configuration including light colors (Lc and Lm), enables beautiful non-grainy printing with natural, elegant gradations. \*6C+2SP ink set only





### Ball screw mechanism

- A structure for realizing high-definition printing -

Ball screws located at both sides (x-axis) of the print table stabilize table drive during printing and help produce beautiful prints. Ball screws are also used at the z-axis side

to achieve a table load capacity of 30 kg, allowing the use of heavy materials and high-precision jigs for industrial applications.



## High Productivity Max. 8.0m<sup>2</sup>/h\* productivity

An array of Eight staggered printheads achieves top-level productivity in the same product category.

The printable area is 710×510 mm (28×20 in), enabling the printing of size 636×469 mm (25×18.5 in), which is often used for screen printing.

\*Print conditions: 4C+4C 600×600 dpi; 6 Pass

#### >> Printable area



## Optional 8-head/staggered arrangements

With an 8-head arrangement, you can select either 6 + 2 stagger (6C + 2SP) or 4 + 4 stagger (4C + 4C/4SP).

#### >> Head arrangement

Head arrangement	Color set	Features
6+2 stagger	6C+2SP	High-quality printing with two spot colors added to the 6 colors C, M, Y, K, Lc and Lm
4+4 stagger	4C+4C	High volume production with high speed printing due to doubling the four colors C, M, Y and K
4+4 stagger	4C+4SP	Four colors C, M, Y and K as well as four spot colors enhance functionality and expressiveness.

\*Head configuration is selectable at the time of installation, and later modification is also possible

Continue printing

#### 6+2 stagger (6C+2SP)



**4+4** stagger (4C+4C/4SP)

## Mimaki's technology for realizing stable operation Auto maintenance function to minimize downtime

#### The status of nozzles is automatically detected by the sensor. When the

NCU detects a missing nozzle, it automatically Ink emission is determ performs cleaning to solve the problem.

transferred files (=jobs)

#### NRS (Nozzle Recovery System)

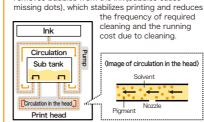
If there is still an unsolved problem after cleaning, the NRS automatically replaces the defective nozzles with other nozzles, which enables users to continue their operation without waiting for service representative. Nozzles that emit no ink are substituted by alternate nozzles. The system is automatically set based on the information provided by the NCU.

Continue printing



that emits no ink is substituted by an alternate nozzle.

Continue printing



Ink circulation mechanism inside the head

mechanism that prevents pigment precipitation and

Every head is equipped with an ink circulation

removes bubbles from the ink (bubbles cause

## 2.5D Embossed Printing Up to 5 mm (0.2") Thick

The conventional 2.5D Texture Maker now features an Emboss Mode capable of printing up to 5 mm (0.2") in thickness. Accelerate added value and creativity.





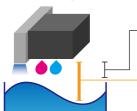
## LD3 Mode Up to 10 mm (0.4") height differences

## Height Difference Printing: LD Mode (Long Distance Mode)

LD Mode is a printing mode that enables optimal printing even when the printing material surface has height differences. The UJF-7151 plusll e supports LD3 Mode, capable of printing at distances of up to 10 mm (0.4")\* from the print head to the printing surface.

\*Includes 1.5 mm head gap

#### >> LD3 Mode (Distance from print head to print area: 10 mm or less)



Gap between head and highest point of media: 1.5<sub>mm</sub>



\*Print results may vary depending on the substrate and printing conditions, so carry out test printing in advance

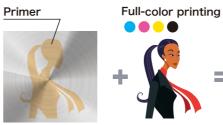




## High-Speed Primer Function Achieves Approx. 3.7 times the Previous Speed

The speed of primer printing, which enhances ink adhesion, has increased to approximately 3.7 times the previous rate. significantly boosting productivity.

Automatic coating with inkjet primer



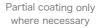




Image data

Keeping the raw

## Ink Saving Function Reduce Ink Cosumption with Just 2 Clicks

With just two clicks, the "Ink Saving Function" reduces running costs. It saves up to approx. 42% in ink consumption while maintaining natural color tones.

Adjustable in 5 steps from level-1 to level-5



Ink saving **OFF** (Default)



Ink saving **Level3** 



Ink saving Level 5 (Approx. 30% reduction) (Approx. 42% reduction)

