

Enhanced usability and functionality

RIP Software that combines usability with high performance



Operate machine remotely Achieve smooth, well-planned operations



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

Specifications

Item	UJF-7151 plusII e	
Print head	On-demand piezo head (8 staggered printheads)	
Print resolution	600 dpi / 900 dpi / 1200 dpi / 1800 dpi	
Ink	Type	UV curable ink: ELH-100 / LUS-120 / ELS-120 / LUS-350 / MUH-100-Si / PR-200
	Color	C / M / Y / K / Lc / Lm / W / CI / SI / Pr (Primer)
	Ink supply	1 L / 250 ml / 200 ml bottles*
Maximum printable area	710 × 510 mm (28 × 20 in)	
Media	Size	730 × 530 mm (28.7 × 20.9 in) or less
	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	
Operational environment	Temperature	15 - 30 degC (59 - 86°F)
	Humidity	35-65% Rh (No condensation)
	Recommended Temperature	20 - 25 degC (68 - 77°F)
	Temperature change	±10°C/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 included.	

* For 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 Full Cover OP	OPT-J0520	For noise reduction, safety, and dust control
OP Air Filter	OPT-J0515	Installation outside the main unit. Requires OPT-J0520 UJF-7151 plusII full cover option for use.
Kebab HS	OPT-J0528	For printing on cylindrical materials

Inks and substrates:

- As physical properties of ink (adhesion, weather resistance, etc.) vary depending on the media, please perform a print test in advance.
- Depending on the application, primers and other surface treatments, such as surface protection or lamination may be necessary.

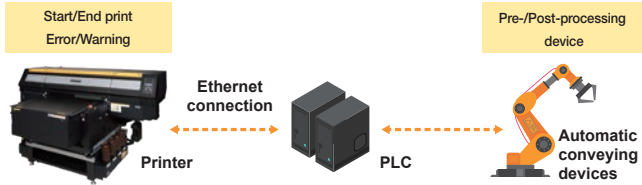
Some of the samples in this catalog are artificial renderings. Specifications, design, and dimensions stated in this catalog may change without notice (for technical improvements, etc.). The corporate and merchandise names in this catalog are trademarks or registered trademarks of their respective corporations. Inkjet printers use extremely fine dots, so colours may vary slightly after replacing the print heads. Also note that when using multiple printer units, colours may vary slightly from one unit to another due to individual differences. The specifications described in this catalog are as of October 2025.

Improved efficiency

Automating printing processes

Adaptable to Mimaki Device Language (MDL)
for automating printing processes

MDL commands allow you to automate printer control, job management, and the operation of workpiece-conveying device from an external source.



*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 No.	Remark
ELH-100	Cyan	ELH100-C-BA	1L bottle SVHC-free ink*
	Magenta	ELH100-M-BA	
	Yellow	ELH100-Y-BA	
	Black	ELH100-K-BA	
	White	ELH100-W-BA	
	Clear	ELH100-CL-BA	
	Light Cyan	ELH100-LC-BA	
	Light Magenta	ELH100-LM-BA	
LUS-120	Cyan	LUS12-C-BA	1L bottle
	Magenta	LUS12-M-BA	
	Yellow	LUS12-Y-BA	
	Black	LUS12-K-BA	
	White	LUS12-W-BA	
	Clear	LUS12-CL-BA	
	Light Cyan	LUS12-LC-BA	
	Light Magenta	LUS12-LM-BA	
ELS-120	Cyan	ELS120-C-BA	1L bottle SVHC-free ink*
	Magenta	ELS120-M-BA	
	Yellow	ELS120-Y-BA	
	Black	ELS120-K-BA	
	White	ELS120-W-BA	
	Clear	ELS120-CL-BA	
	Light Cyan	ELS120-LC-BA	
	Light Magenta	ELS120-LM-BA	
LUS-350	Cyan	LUS35-C-BA	1L bottle
	Magenta	LUS35-M-BA	
	Yellow	LUS35-Y-BA	
	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-200		PR200-Z-BA	1L bottle
Flushing liquid 07		ML007-Z-BA	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

* ELH-100, LUS-120 and ELS-120 are GREENGUARD Gold-certified inks.
* SVHC-free ink does not contain SVHC or CMR substances, which are considered to pose high concerns for human health and the environment.

For
INDUSTRIAL
PRODUCTS

High-Performance
Flatbed UV Inkjet Printer

UJF-7151 plusII e

Mimaki

Add Texture. Add Depth. Add Value.

Unlock New Dimensions
in Industrial Printing



Mimaki

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Add Texture. Add Depth. Add Value.

Unlock new dimensions in Industrial Printing

The UJF-7151 plusII e is a high-performance model that retains the high-quality printing (up to 1800 dpi), precise positioning, compatibility with heavy media, and proven stability of its predecessor, the UJF-7151 plusII. It also introduces enhanced capabilities to print higher and deeper (2.5D Emboss Printing and LD3 Mode), along with improved productivity and lower running costs.

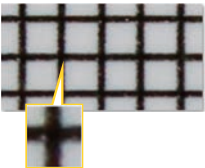


High-Quality, High-Precision Printing Up to 1800 dpi

Supports up to 1800 dpi and 6 colours, including light colours

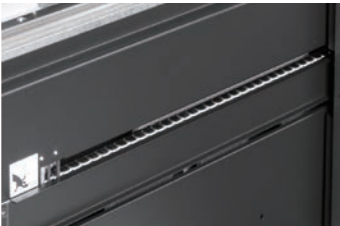
Equipped with 1800 x 1800 dpi mode*. Even detailed drawings and extremely fine text are reproduced beautifully and precisely. Furthermore, the six-colour configuration, including light colours (Lc and Lm), enables smooth, non-grainy printing with natural, elegant gradations.

*6C+2SP ink set only



Ball screw mechanism for high-definition printing

Ball screws located on both sides (x-axis) of the print table stabilize the table drive during printing and help produce high-quality 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 Up to 8.0m²/h*

An array of eight staggered printheads delivers top-level productivity within its product category. The printable area is 710x510 mm (28x20 in), enabling the printing of size 636x469 mm (25x18.5 in), which is often used for screen printing.

*Print conditions: 4C+4C 600x600 dpi; 6 Pass

Optional 8-head/staggered arrangements

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

» Head arrangement

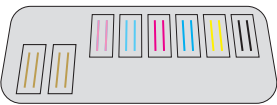
Head arrangement	Color set	Features
6+2 stagger	6C+2SP	High-quality printing with two spot colors added to the 6 colors C, M, Y, K, Lc and Lm
4+4 stagger	4C+4C	High volume production with high speed printing due to doubling the four colors C, M, Y and K
4+4 stagger	4C+4SP	Four colors C, M, Y and K as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

*Head configuration can be selected during installation, and later modifications are also possible. Our service personnel perform such modifications.

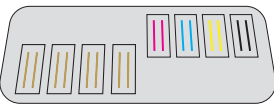
» Printable area



6+2 stagger (6C+2SP)



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



Mimaki technology for stable operation

Automatic maintenance to minimize downtime

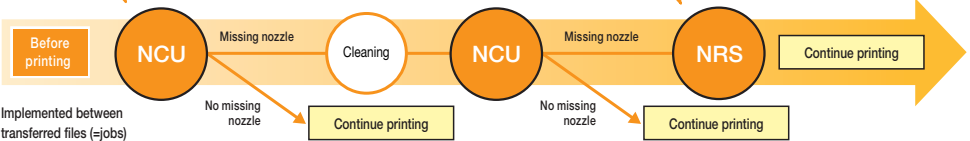
NCU (Nozzle Check Unit)
The system automatically detects nozzle status. If a missing nozzle is detected, cleaning is performed to allow printing to continue.

Print Head

Ink emission is determined to be defective in case of light permeation.

NRS (Nozzle Recovery System)
If a problem persists after cleaning, the NRS automatically replaces defective nozzles with alternate nozzles in the same head, allowing users to continue operation without waiting for a service representative. Nozzles that emit no ink are substituted automatically, based on information provided by the NCU.

A defective nozzle that emits no ink is substituted by an alternate nozzle.



Ink circulation mechanism inside the head
Every head is equipped with an ink circulation mechanism that prevents pigment sedimentation and removes bubbles from the ink (bubbles can cause missing dots). This helps stabilize printing, reduce cleaning frequency, and lower running costs.

2.5D Emboss Printing Up to 5 mm (0.2") thick

The 2.5D Texture Maker now features an Emboss Mode capable of printing up to 5 mm (0.2") thick, adding value and boosting creativity.

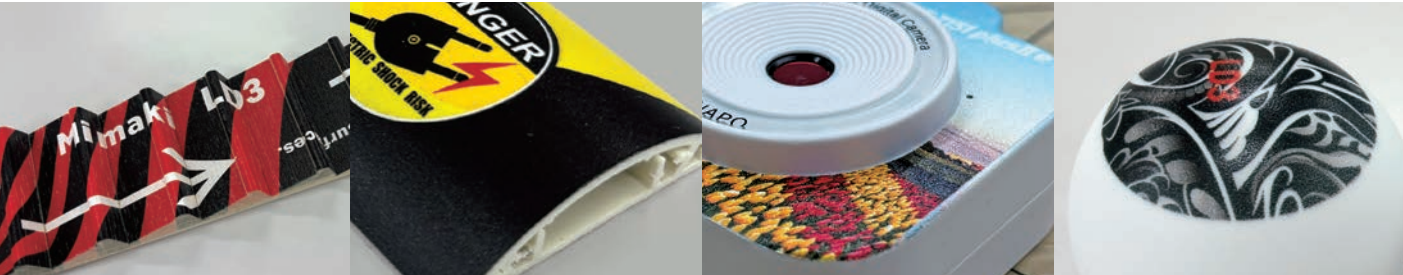
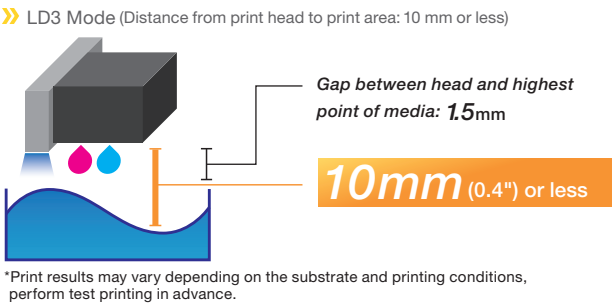


LD3 Mode Up to 10 mm (0.4") height differences

Printing on Uneven Surfaces: LD Mode (Long Distance Mode)

LD Mode enables optimal printing on uneven surfaces. The UJF-7151 plusII e supports LD3 Mode, allowing printing at distances of up to 10 mm (0.4")* between the print head and the surface.

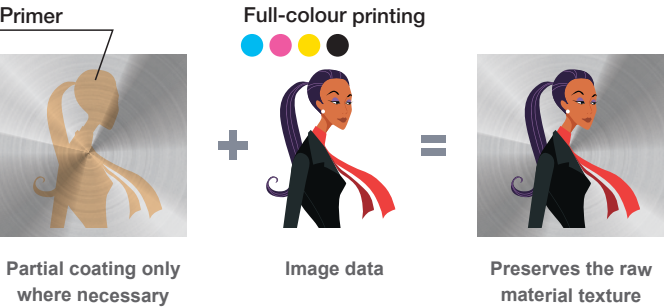
*Includes 1.5 mm head gap



High-Speed Primer Function Achieves Approx. 3.7 Times the Previous Speed

Primer printing speed, which enhances ink adhesion, is now about 3.7 times faster than before, significantly boosting productivity.

» Automatic coating with inkjet primer



Ink Saving Function Reduce Ink Consumption with Just Two Clicks

With just two clicks, the "Ink Saving Function" reduces running costs, saving up to approximately 42% in ink usage while maintaining natural colour tones.

» Adjustable in five steps from Level 1 to Level 5

