

Mimaki
AUTHORISED PARTNER

UJF-7151 plus II

Flatbed UV Inkjet Printer

Creating Unlimited
Originality

Amazing quality
Blazing speed



UV
Inkjet

UJF-7151

شركة النجم الرقمي للألات و المعدات

DIGITAL STAR MACHINERY AND EQUIPMENTS

SOURCE OF DIGITAL SOLUTIONS

Welcome to Digital Star, your trusted partner in the world of cutting-edge printing solutions. As a leading printing machines, materials, and ink authorized dealer in Riyadh – Saudi Arabia (KSA), we pride ourselves on delivering state-of-the-art technology that empowers to achieve unparalleled levels of efficiency and quality.

At Digital Star, we understand the pivotal role that printing machinery plays in the success of your operations. With a commitment to innovation and excellence, we curate a diverse range of top-tier printing machines to meet the unique needs of our clients. Our product line-up reflects the latest advancements in the industry.

As a responsible printing machines supplier, we prioritize sustainability. Our commitment to eco-friendly practices is reflected in the products we offer, promoting energy efficiency and environmentally conscious manufacturing processes. When you choose Digital Star, you're not just investing in cutting-edge technology – you're partnering with a company that values the planet as much as your success.

***Best A Grade Quality &
Innovative Products***



High Performance

UJF-7151plus II Flatbed LED-UV Printer

UNIQUE FEATURES



PRINT QUALITY: Images and finishing enhanced.



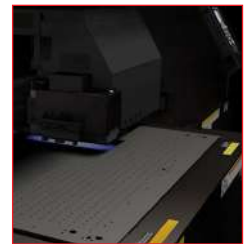
HIGH PRECISION: Newly developed print table



IoT READY: Easy integration for automated, un-attended production using robotics.



PRINT STABILITY: Automatic maintenance for enhanced uptime.



UJF-7151 PLUS II CORE TECHNOLOGIES



For even more confidence

our products are GREENGUARD GOLD certified

GREENGUARD GOLD certified products meet the rigorous standards for low emission of volatile organic compounds (VOCs) and ensures that a product is acceptable for use in environments such as schools and healthcare facilities without polluting the indoor air quality.

Amazing quality, Blazing speed, Uncompromising versatility.

A high-performance model equipped with unparalleled diverse functions and realizing extremely high image quality, high speed and high precision



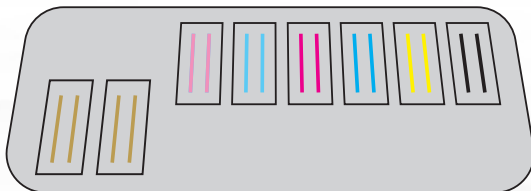
Optional 8-head/staggered arrangements *New!*

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

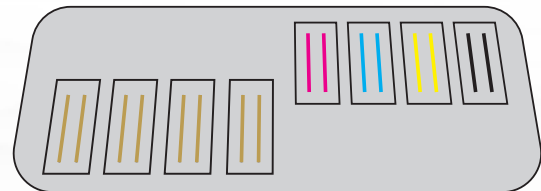
Head arrangement	Color set	Features
6 + 2 stagger	6C + 2SP	High-quality printing with two spot colors added to the 6 colors C, M, Y, K, Lc and Lm
4 + 4 stagger	4C + 4C	High volume production with high speed printing due to doubling the four colors C, M, Y and K
4 + 4 stagger	4C + 4SP	Four colors C, M, 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. Our service personnel perform such modifications.

6 + 2 stagger (6C + 2SP)



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



LED-UV INK TECHNOLOGY

for superior quality at the lowest price

With a variety of LED-UV inks available for the UJF7151plus II, the range of applications seems endless. Choose between hard inks for rigid materials, flexible inks for a variety of media, or stretchable inks for thermo folding.

UJF7151plus II inks have been on the market for many years and have a proven track record of quality and reliability. Mimaki inks LH-100 and LUS-120 are certified.



Mimaki's image quality control technology ensures more beautiful prints

Mimaki Fine Diffusion 2 (MFD2) - Technology-based high image quality **NEW**

The image processing function RasterLink7 carries out hybrid image processing combining the commonly-used "pattern dither method" and "error diffusion processing." Before printing, the RIP software processes the image data using MFD2, which suppresses noise and color unevenness and realizes beautiful prints. (Japan Patent No. 5230816)



When MFD2 is selected using RasterLink7



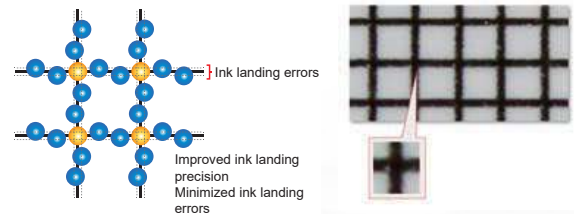
When MFD2 is not selected

High-definition printing - 1800 dpi maximum - **New!**

Equipped with 1800 × 1800 dpi mode*1 Even detailed drawings and extremely fine text are reproduced beautifully and precisely.

Precision ink landing

Strengthened printer body structure reduces vibration during printing, allowing ink droplets ejected from the print head to land more precisely. This reduces color unevenness that occurs in solid areas and realizes sharpness of edges and fine lines.



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 drastically increase the load bearing capability of the table to 30 kg, allowing the use of heavy media and high precision jigs for industrial applications.

*1: 1800 dpi is only available for 6C + 2SP.

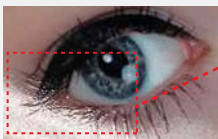


Color gloss function - Glossy texture realized without using a clear ink! - **New!**

Conventional printing



Color gloss printing



Equipped with a color gloss function that realize glossy colors with color inks alone.

Realize impressive textures different from those of conventional clear inks.

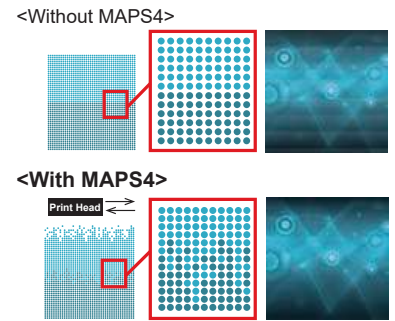
When exposed to ultraviolet radiation, high ink-density portions become hardened to a glossy tone, and low ink-density portions become hardened to a mat tone. Unlike conventional clear ink printing, a just one time printing is very effective.

Depending on the media and data, an adequate effect may not be possible, so carry out test printing in advance.

Mimaki's reliable stabilizing function ensures high-definition printing

MAPS 4 (Mimaki Advanced Pass System 4)

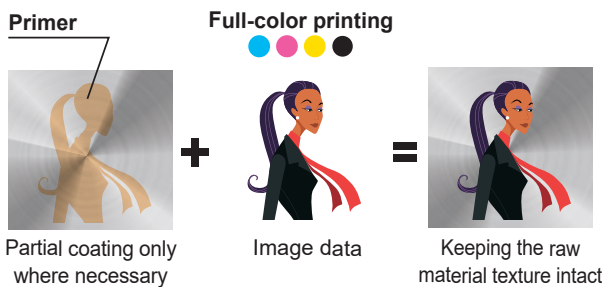
Banding (horizontal stripes) and uneven color are reduced to realize smooth prints by printing passboundaries gradationally. Based on printing conditions such as media/ink type and resolution, the most suitable gradation pattern is automatically selected and printed.



Inkjet primer

A primer that enhances ink adhesion to glass, metal, or surface-treated material. Because primer coating simultaneously with color printing is possible, the primer can be placed only on those portions requiring it. Placing primer only where it is required without manual work is possible, making the most of the texture of raw material and realizing beautiful finishes.

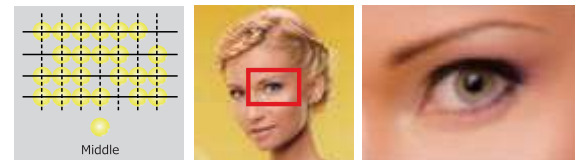
Automatic coating of inkjet primer



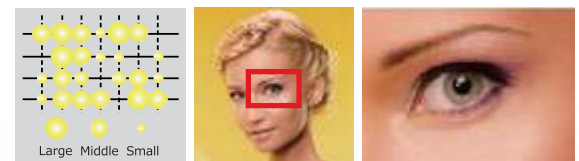
Variable dots

Three different ink dot sizes (6 pl minimum) are selectively ejected to enable less grainy, smooth, high-quality color printing.

<Fixed dots>

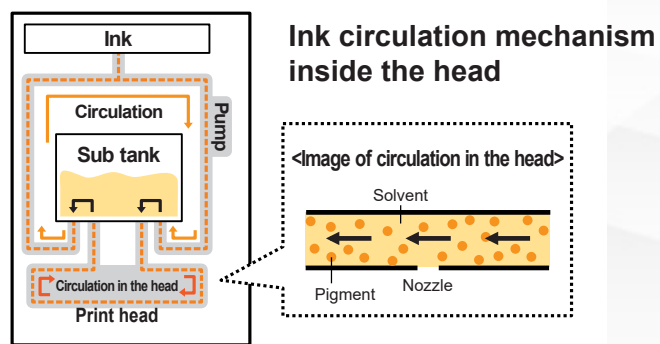


<Variable dots>



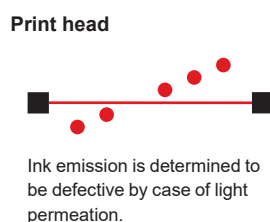
Ink circulation mechanism inside the head - Prevention of ink pigment precipitation -

Every head is equipped with an ink circulation mechanism that prevents pigment precipitation and removes bubbles from the ink (bubbles cause missing dots), which stabilizes printing and reduces the frequency of required cleaning and the running cost due to cleaning.



NCU (Nozzle Check Unit)

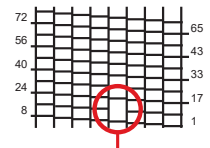
The sensor automatically detects the nozzle condition. When the NCU detects a missing nozzle, it automatically performs cleaning to solve the problem.



NRS (Nozzle Recovery System)

If there is a nozzle problem that cannot be solved by cleaning, it automatically replaces the defective nozzle with an alternate one for each nozzle, which enables continuous printing without lowering printing speed.

The system is automatically controlled based on the information provided by the NCU. NRS may be unusable in some print modes.



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

Product Samples



Business Card



Glass Awards



Stationery



Mobile Covers



Label Printing



Photo Printing

Product Samples

Specification

Item		UJF-3042MkII e	UJF-6042MkII e
Item		UJF-7151 plusII	
Print head		On-demand piezo head	
Print resolution		600 dpi / 900 dpi / 1200 dpi / 1800 dpi	
Ink	Type	UV curable ink LH-100 / LUS-120 / LUS-350 / MUH-100-Si / PR-200	
	Color	C / M / Y / K / Lc / Lm / W / Pr / Cl / Si	
	Ink supply	1 L / 250 ml / 200 ml bottle supply method*	
Maximum printable area		710 × 510 mm	
Media	Size	710 × 530 mm (28 × 20 in) or less	
	Thickness	153 mm (6 in) or less	
	Weight	30 kg (66 lb) or less	
Interface		USB2.0 / Ethernet (10 BASE / 100 BASE / 1000 BASE)	
Certifications		VCCI-Class A, FCC-Class A, IEC62368-1, ETL CE Mark (EMC Directive, Low Voltage Directive, Machinery Directive) CB Report, RoHS, REACH, ENERGY STAR, EAC, RCM	
Power supply		Single phase AC 100-240 V, 50/60 Hz	
Power consumption		1,300 VA or less	
Operational environment	Temperature	15 - 30 degC (59 - 86 degF)	
	Humidity	35-65% Rh (No condensation)	
	Recommended temperature range for stable operation	20 - 25 degC (68 - 77 degF)	
	Allowable range of 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)	
Main unit weight		330 kg (728 lb) Base stand weight is included.	
RIP Software		RasterLink7 (provided as standard software)	

* For LH-100, LUS-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, dust control
OP Air filter	OPT-J0515	
Kebab MkII L	OPT-J0433	For printing on cylindrical materials

Supply

Item		Item No.	Remark
LH-100	Cyan	LH100-C-BA	1L bottle
	Magenta	LH100-M-BA	
	Yellow	LH100-Y-BA	
	Black	LH100-K-BA	
	White	LH100-W-BA	
	Clear	LH100-CL-BA	
	Light Cyan	LH100-LC-BA	
	Light Magenta	LH100-LM-BA	250ml bottle
	Cyan	LH100-C-B2	
	Magenta	LH100-M-B2	
	Yellow	LH100-Y-B2	
	Black	LH100-K-B2	
	White	LH100-W-B2	
	Clear	LH100-CL-B2	
Light Cyan	LH100-LC-B2		
Light Magenta	LH100-LM-B2		
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	250ml bottle
	Cyan	LUS12-C-B2	
	Magenta	LUS12-M-B2	
	Yellow	LUS12-Y-B2	
	Black	LUS12-K-B2	
	White	LUS12-W-B2	
	Clear	LUS12-CL-B2	
Light Cyan	LUS12-LC-B2		
Light Magenta	LUS12-LM-B2		
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	MUH-10-Si	1 bottle
IJ Primer PR-200		PR200-Z-BA	1L bottle
		PR200-Z-B2	250ml bottle
Flushing liquid 07		FL007-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

* GREENGUARD Gold-certified inks are LH-100 and LUS-120.



SYSTEM REQUIREMENTS (PC's)

Operating System*	Windows 10 (64 Bit) or Later
Processor	i7 - 2.6 GHz or faster
Memory (RAM)	Min. 8GB or More
Video Card and Monitor(VGA)	1280x1024 or Higher Resolution is Recommended
Working Hard Disk Space	1 TB SSD or more recommended
Graphics Card	2GB or more (Optional)
Optical drive	DVD-ROM
Other requirements	Ethernet connection for network capable printers
	Available USB ports and PCIE Slot
Recommended Brand	Lenovo / Dell

* Note: You can use a laptop or desktop computer

* Use the original operating system and software. If you are using pirated operating system or software, we are not responsible for any damage to Machine workings, and also the warranty terms will become void.

POWER REQUIREMENTS

Voltage Regulator	5000W Stabilizer
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UJF-7151 plus II

Flatbed UV Inkjet Printer



Terms and Conditions

01. Payment to be made in SAR currency.
02. Payment Terms : As mentioned in Quotation.
03. Bank Charges: Any bank charges relevant to the above transactions will be to your account.
04. Any charges, duties, taxes or levies at the ports of entry will be to our account.
05. The charges of loading, boarding and local conveyance of the technician will be to our account.
06. Any required electrical, mechanical and civil site preparation should be done by the customer according to our engineer's requirements.
07. Digital Star Machinery and Equipments will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents & any related reasons, which is beyond our control.
08. Warranty will be 12 months from the date of installation from Digital Star Machinery and Equipments. Wear and tear, consumables are exempted and warranty can be claimed only if you use the Inks and Services from Digital Star Machinery and Equipments.
09. Service will be free of cost within 12 months from the date of installation.
10. Any claim will be invoice directly to you then we will send for claiming procedure which will take 45-60 days, if the claim got approved credit note will issued directly.
11. Delivery: As mentioned in quotation

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