



New, small format LED UV printers...







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

items, such as inks and cutting blades.

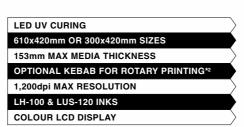
· · · Mimaki delivers

High performance, state-of-the-art, small format LED UV printers

Mimaki's latest UJF-3042 MkII and UJF-6042 MkII flatbed LED UV printers bring increased productivity and ease of use to on-demand, direct to object printing. Available in A3 or A2 format, these new models build on Mimaki's peerless heritage to offer spectacular creativity and limitless opportunities when printing onto almost any material.

UJF-3042 / 6042 Mkll delivers ...

- 20% increase in productivity when compared to UJF-3042/6042*1
- Direct printing on substrates up to 153mm thick
- MBIS bulk ink system with 250ml / 1,000ml bottles
- Full cover protection prevents dust affecting print quality
- Choice of LH-100 or LUS-120 inks, with up to 9 colours including white, clear and primer
- Exceptional print quality as a result of using Mimaki technologies including MAPS. MFD and variable dot
- Uninterrupted printing through the use of MCT, NCU and NRS technologies



UJF-6042 MKII

UJF-3042 MkII



Create ··· Promotional items, Pens, Key rings, Small format signs & Point of sale, Phone and Electronics covers, Stationery, Bottles, USB sticks, Custom components, Boxes & packaging, Control panels and much more...

EXCEPTIONAL PRINT QUALITY · · ·

MAPS is Mimaki's unique anti-banding feature. Swath boundaries are overprinted and boundaries prone to banding are printed with fewer ink droplets.

Mimaki Advanced Pass System (MAPS)

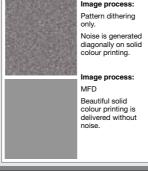
MFD—Mimaki Fine Diffusion

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 colour printing or tone jumps, even on a high-performance printing unit.

patented* image-processing MFD, which reduces noise due to dithering through hybrid processing of pattern- and error-diffusion dithering, thereby enhancing print quality.

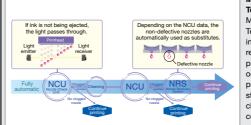
MFD is available for Version 4.0 and higher

Patent number: 5230816



UNINTERRUPTED PRINTING · · · HIGH CREATIVITY · · ·

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.



Mimaki Circulation

Mimaki Circulation Technology (MCT) for white ink circulates the ink at regular intervals to prevent pigment sedimentation occurring. This results in printing becoming more stable, requires fewer cleans and delivers a more cost effective use of ink

Two types of LED UV ink

LH-100 hard UV ink excels in scratch and chemical resistance as well as colour

LUS-120 flexible ink has a wide colour gamut, good weather resistance and can be folded and stretched.

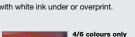
Both ink sets include CMYK LC, LM. White, Clear & Primer











Simultaneous white ink

Print outstandingly colourful, bright images

on transparent and coloured substrates

under and overprint

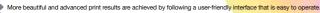


With the white ink overla

oright and vivid.

Sophisticated RIP software maximizes the performance of UJF-3042 MkII and UJF-6042 MkII





- Colour replacement function enhances the ability to re-create printed image
- Print colour can be simulated on Illustrator / Photoshop without an actual print.
- This function requires MPM2/3 (Mimaki Profile Master 2/3).

 Program update and profile download can be easily performed via internet.







Works with PS. EPS. TIFF. BMP. JPEG etc.

Specifications

Item		UJF-3042 MkII	UJF-6042 MkII	
Head		On-demand Piezo head		
Ink	Type / colour	LH-100 (C, M, Y, K, W, Cl) LUS-120 (C, M, Y, K, W, Cl) PR-200 (Primer)	LH-100 (C, M, Y, K, Lc, Lm, W, Cl) LUS-120 (C, M, Y, K, Lc, Lm, W, Cl) PR-200 (Primer)	
	Capacity	250ml / 1,000ml		
	Ink circulation	White ink circulation by MCT (Mimaki Circulation Technology)		
5	Y-dpi	600, 1,200 * ¹		
Resolution	X-dpi	600, 900, 1,200		
Media jam / obstacle sensor		Laser beam		
UV unit		Air-cooling LED-UV x1		
Nozzle Check Unit (NCU)		Equipped		
Mist absorption	on fan	Equipped		
	Maximum print size	300mm x 420mm	610mm x 420mm	
	Max media height	153	Bmm	
	Max media weight	5kg *2 8kg *2		
	Flatness accuracy	0.5mm	0.3mm	
Table	Vacuum	Equipped		
	Media set	Origin right		
	Movement	Table		
	Cover	Full table cover		
Distance	Absolute	± 0.3mm or ± 0.3% of the distance, whichever is larger		
accuracy	Reproducibility	± 0.2mm or ± 0.1%	, whichever is larger	
Noise		Standby: Below 55dB (FAST-A, measured 1m away from the source) Continuous operation: Below 65dB / Discontinuous operation: Below 70dB		
Standards		VCCI-Class A, FCC ClassA, ETL UL 60950-1, CE Marking (EMC Directive, Machine instruction, RoHS Directive, Low Voltage Directive), CB Report, RoHS compliance, REACH, Energy Star, IEC60825-1		
Power specific	cation	Single-phase AC100-240V, ±10%, 50/60Hz ±1Hz		
Power consum	ption	Less th	an 800W	
Environment	Operational temperature	20 ~ 30°C		
	Relative humidity	35 ~ 65%Rh (Non condensing)		
	Accuracy guaranteed temperature	20 ~ 25°C		
	Temperature gradient	Within ± 10°C /h		
	Dust	Equivalent to office level		
Interface		USB2.0 / Ethernet 1000BASE-T		
Dimensions (W x D x H)		1,355 x 1,290 x 856 mm	1,665 x 1,290 x 856 mm	
Weight		135kg	150kg	

Supplies

Item	Colour	Item No.	Remarks	
	Cyan			
	Magenta		250ml bottle	
	Yellow			
LH-100	Black	ТВА		
LH-100	Light Cyan			
	Light Magenta			
	White			
	Clear			
	Cyan	LH100-C-BA		
	Magenta	LH100-M-BA		
	Yellow	LH100-Y-BA		
LH-100	Black	LH100-K-BA	1,000ml bottle	
LH-100	Light Cyan LH100-LC-BA		1,000mi bottle	
	Light Magenta	ht Magenta LH100-LM-BA White LH100-W-BA		
	White			
	Clear	LH100-CL-BA		
	Cyan			
	Magenta			
	Yellow			
LUS-120	Black		250ml bottle	
LU3-120	Light Cyan	IDA	250Mi bottle	
	Light Magenta			
	White			
	Clear			
	Cyan	LUS12-C-BA		
	Magenta	LUS12-M-BA		
	Yellow	LUS12-Y-BA	1,000ml bottle	
LUS-120	Black	LUS12-K-BA		
LUS-120	Light Cyan	LUS12-LC-BA		
	Light Magenta	LUS12-LM-BA		
	White LUS12-W-BA]	
	Clear	LUS12-CL-BA		
PR-200	Primer	TBA	250ml bottle	
111-200	i iiilei	PR200-Z-BA	1,000ml bottle	

*1 900dpi in Y-direction is not available because of head spec *2 Including jig weight



A 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 place your hand, or expose your skin directly to the UV light source.
- Depending upon print mode, there might occur some VOC emittance from printed parts not yet cured and hardened.
- Please read and follow the instructions and guidelines of the manual carefully.

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
- Some of the samples in this folder are artificial renderings Specifications, design and dimensions stated in this folder may be subject to change without notice (for technical impro
 The corporate and merchandise names written on this folder are the trademark of the respective corporations Inkjet printers print using extreme fine dots, so colours may vary after
 of the printing heads, also note that if using multiple printer units, colours could vary slightly from one unit to other unit due to slight individual differences Compositor's en



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