# Creating Unlimited Originality





UJF-3042 MkII e • • • • O • • UJF-3042 MkII EX e 

UJF-6042MkII e 

10min. 36sec.

# Reliable productivity with industry-leading printing speed

The industry-leading printing speed achieves a throughput of 38 A4 prints per hour for the UJF-3042Mkll e and 52 for the UJF-6042Mkll e.

7min. 21sec.

UJF-30	42MkII	e			UJF-6042MkII e						
1. Process	color printi	ng			1. Process	color printi	ng				
Print mode	Resolution	Pass		Printing time per table	Print mode		Pass				
Draft	600×600	8	2,48	3min, 03sec.	Draft	600×600	8	3,52	4min, 22sec.		
High-speed	600×900	12	1,62	4min. 40sec.	High-speed	600×900	12	2,29	6min. 42sec.		
Standard	600×1200	16	1,22	6min, 12sec.	Standard	600×1200	16	1,74	8min, 51sec.		
High quality	1200×1200	16	0.89	8min 27sec	High quality	1200×1200	16	1,28	11min 59sec		
2. Color + :	Spot color :	imult	aneous printing		2. Color +	Spot color s	imu <b>l</b> t	aneous printing			
Print mode	Resolution	Pass		Printing time per table	Print mode		Pass				
Draft	600×600	8	2,08	3min, 38sec.	Draft	600×600	8	2,99	5min, 08sec.		
High-speed	600×900	12	1,44	5min, 14sec	High-speed	600×900	12	2.06	7min, 28sec.		
Standard	600×1200	16	1.12	6min, 46sec.	Standard	600×1200	16	1.67	9min, 46sec.		
High quality	1200×1200	16	0.69	10min 55sec	High quality	1200×1200	16	0.96	15min, 57sec.		
3. Color + 1	White simu	taneo	us printing in high-density r	node	3. Color +	White simul	taneo	us printing in high-density mode			
Print mode		Pass		Printing time per table	Print mode		Pass				
Draft	600×600	8	1.88	4min 01sec	Draft	600×600	8	2.75	5min, 38sec.		
High-speed	600×900	12	1,33	5min, 40sec.	High-speed	600×900	12	1,86	8min, 11sec.		

Standard 600×1200 16

# <A4 size prints per hour>

Standard 600×1200 16

Draft mode (600 × 600dpi 8P) (For process color printing)\*

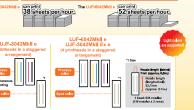
1,03

# Head layout enables two-layer

simultaneous printing The staggered printhead arrangement allows two-layer simultaneous printing with both process and spot colors to maintain high productivity.\*

The UJF-6042Mkll e and UJF-3042Mkll Ex e can be equipped with light color (Lc/Lm) inks, enabling CMYK + LcLm + Spot colors (W+W, W+Cl, W+Pr, or Pr+Cl) color

By adding light colors, smoother gradations and natural skin tones can be expressed to produce lively prints.



## Mimaki's image quality control technology ensures more beautiful prints

High image quality achieved with the MFD2 (Mimaki Fine Diffusion2) technology

The image processing function RasterLink? carries out hybrid image processing combining the commonly used "pattern differ method" and "error diffusion processing. Before printing, the RIP software processes the image data using MFD2, which suppresses noise and cotor unevenness and realizes beautiful prints. (Japan Pattert No. 5230816)





#### Waveform control

Thanks to Mimaki's unique advanced ink droplet ejection control, droplets with high circularity are ejected to make them accurately land on the media, enabling sharp expression of characters, lines, and edges.

***	1		21
	-	1	6
	100		100





automatically selected and printed.

Banding (horizontal stripes) and uneven color can be reduced

to realize smooth prints by printing pass boundaries fading in

gradation. Based on printing conditions such as media/ink

type and resolution, the most suitable gradation pattern is



MAPS4 (Mimaki Advanced Pass System 4) Variable dots

prints with reduced graininess.

minimum of 5pl, are used for high-quality



MCT (Mimaki Circulation Technology)

An ink circulation mechanism is provided in

the ink tank and ink path, It circulates white ink

periodically to prevent nozzle trouble due to

#### Reliable functions for stable operation

No nozzle Continue printing

#### NCU (Nozzle Check Unit)

detects the nozzle condition. When the NCU detects a missing nozzle, it automatically performs cleaning to solve the link emission is do be defective by a permention.

NRS (Nozzle Recovery System) If there is a nozzle problem that cannot

be solved by deaning, it automatically alternate one for each nozzle, which enables continuous printing without lowering printing speed.



deposited ink pigments and to stabilize printing performance.



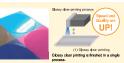
### High-performance inks expand the range of applications

Rigid UV ink "LH-100" with excellent color rendering The flexible UV ink "LUS-120" enables printing on and reproducibility

The rigid UV ink "LH-100" provides excellent color rendering and reproducibility. With its high scratch resistance, it can be widely used for goods such as smartphone cases and key chains, and for printing original designs on parts and gadgets.



Precision control of clear ink that offers valuable new printing effects



"Mimaki Clear Control (MCC)" has been newly added to produce bigh-quality clear prints. MCC minimizes the ink curing time by performing clear ink printing and UV-light irradiation simultaneously, and provides a gorgeous glossy clear finish that reduces dust adhesion and air bubbles.

#### Surface hardening Gloss, Matte, and Embossed prints and 129 types of textured prints using clear ink for enhanced design

Clear ink for a Glossy finish, a Matte finish for a subdued matte effect, or Embossed printing, which prints partial areas multiple times for a glossy, three-dimensional effect, can be used to create high value-added prints. creating distinctive textures and a sense of luxury.

In addition, the "ARTISTA UV Texture Library" is available to provide 129 types of textures. Texture printing with clear ink can realize more elaborate designs. The ARTISTA UV Texture Library will be registered on your computer when RasterLink7 is The ARTISTA UV Texture Library alone selection from a wide selection from a wide selection from the transfer.



# soft materials such as leather and TPU

This ink has 170% stretchability after curing, its ink film is flexible and bendable, Excellent beauty and durability, and ideal for printing on soft materials such as leather and powerethane and other applications that require bending.





### Inkjet primer increases ink adhesion

The PR-200 inkjet primer can be used to increase ink adhesion. When color ink alone does not adhere well to the material, an inkjet primer can be used to improve adhesion. PR-200 can be used to improve adhesion to resinous materials, glass, metal, and materials with various surface finishes.





