

■Specifications

Item	Specifications	
Print head	Piezo-electric drop, on-demand	
Resolution	300 × 300 dpi, 600 × 600 dpi, 1200 × 1200 dpi, 1200 × 2400 dpi	
Ink	Original UV-curable ink (C,M,Y,K,Lm,Lc+ White) 400 ml ink cartridge for each color	
Maximum print area	600 × 500 mm (23.6" × 19.7")	
Distant accuracy	Absolute accuracy	0.1mm (0.0039") or less
	Repeatability	± 0.2 mm (0.0078") or less
Perpendicularity	0.5 mm / 500 mm (0.0196" / 19.6")	
Waste ink tank	Bottle type (2 liters) with sensor	
Media size	Roll	Maximum width : 640 mm (25.2") Minimum width : 180 mm (7.1") Weight : less than 25 kg (55.0 lbs.)
	Cut Sheet	640 × 520 mm (25.20" × 20.47")
Media thickness	Roll	0.02 to 0.2 mm
	Cut Sheet	0.02 to 2.0 mm
Media set device	Suction by air vacuum	
UV device	Equipped with UV lamp	
Interface	IEEE 1394 / IEEE 1284	
Applicable standards	VCCI Class A, FCC Class A, ETL (UL 60950), CE Marking (EMC Directive, Low Voltage Directive), CB report, RoHS Directive	
Power specification	Printer main unit / UV device, single-phase 200 V-240 V, 20 A	
Power consumption	4.0 KVA or less	
Operational environment	Temperature	15 °C to 30 °C (60 °F to 80 °F)
	Humidity	35 % to 65 % Rh
	Guaranteed temperature	18 °C to 25 °C (65 °F to 77 °F)
	Dust	Equivalent to normal office level
Weight	795 kg (1,751 lbs.) or less	
Outer dimension (W × D × H)	2,340 × 1,920 × 1,530 mm (92.1" × 75.6" × 60.2")	



UJF-605RII
UV INKJET PRINTER

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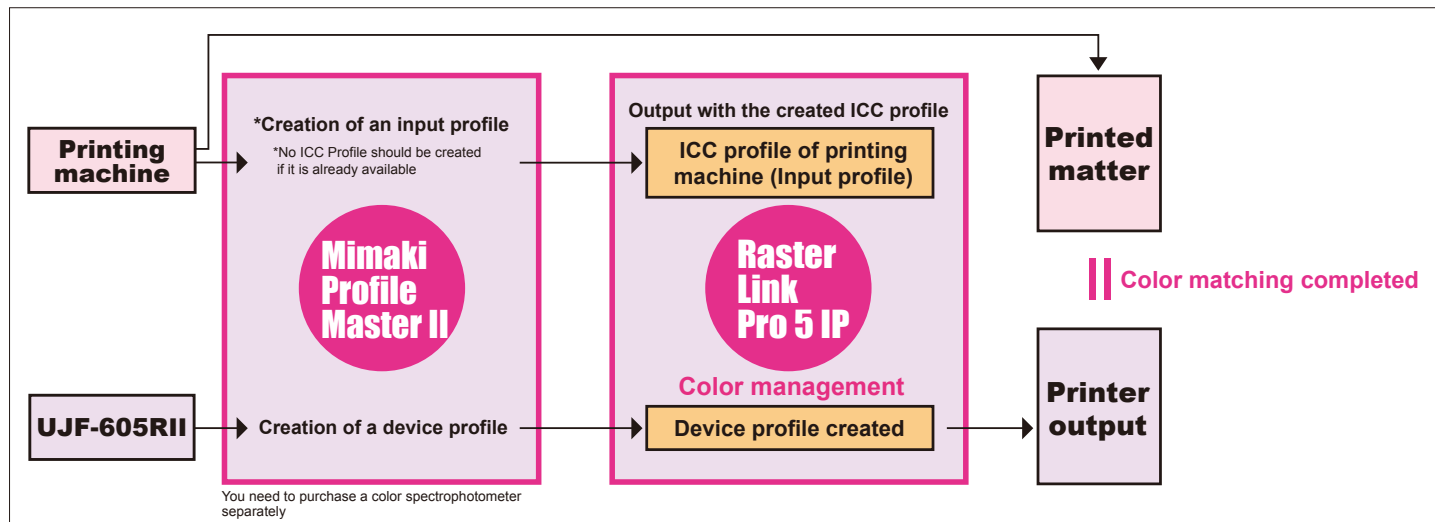


Direct Digital Color Proofing for gravure and flexographic packaging.



Color Management System

Colors of the finished products can be simulated by creating a targeted profile



MimakiProfileMaster II

Mimaki Profile Master II

Newly-developed software to create profiles for "RasterLink Pro5 IP".

- By creating target profiles, color management between final printed matter and print by UJF-605RII is now available.
- With ICC profile creation function, creating an input profile of color samples is now available.
- Pure colors can be made without tonal shifts, while intermediate colors with color matching can be reproduced smoothly.
- By using the profile creation wizard, all you have to do is to follow the instructions on screen. This way you can create profiles very easily.

RasterLink Pro5 IP

RasterLink Pro5 IP

Equipped with useful functions to make full use of UJF-605RII as well as providing color management tools.

- By showing the picture in a thumbnail-size image on the data list, the content is obvious at a glance.
- Multiple jobs can be edited and printed at the same time.
- White data is created from color images automatically and printed.
- Some parts of full color image data can be replaced by white ink.
- The web update function is newly added to easily achieve both software update and profile download.

White ink and six-color UV-curable inkjet printer

NEW

UJF-605RII
ROLL TO ROLL.

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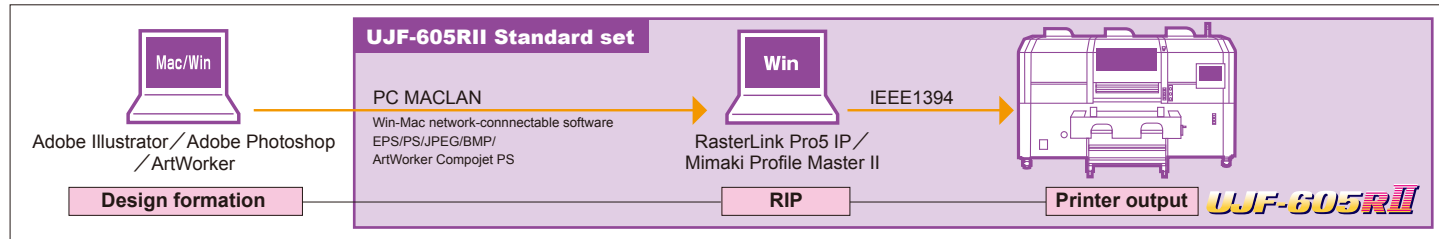
UV Curable Inkjet Printer UJF-605R II

Direct print on soft packaging film. New proofing system to dramatically lower running costs.

- UV curable ink** Direct print on soft packaging films
- 1200 × 2400 dpi** A precise and high quality image is printed
- Roll to roll** Non-stop unmanned printing throughout the night
- White ink + CMYKLmLc** Back printing with white ink on transparent or colored substrates
- Flatbed design** Designed for precise multi-layer printing
- High speed and low cost** Proofing without cylinder engravings and flexo plates saves time and costs
- Ozone-free configuration** The printer's UV lamp does not generate any ozone
- VOC countermeasure** The printer uses UV-curable ink free of volatile organic chemicals



System configuration



1 Touch-panel system
Uses a touch-panel system with easily operable and easy-to-view wide screen.

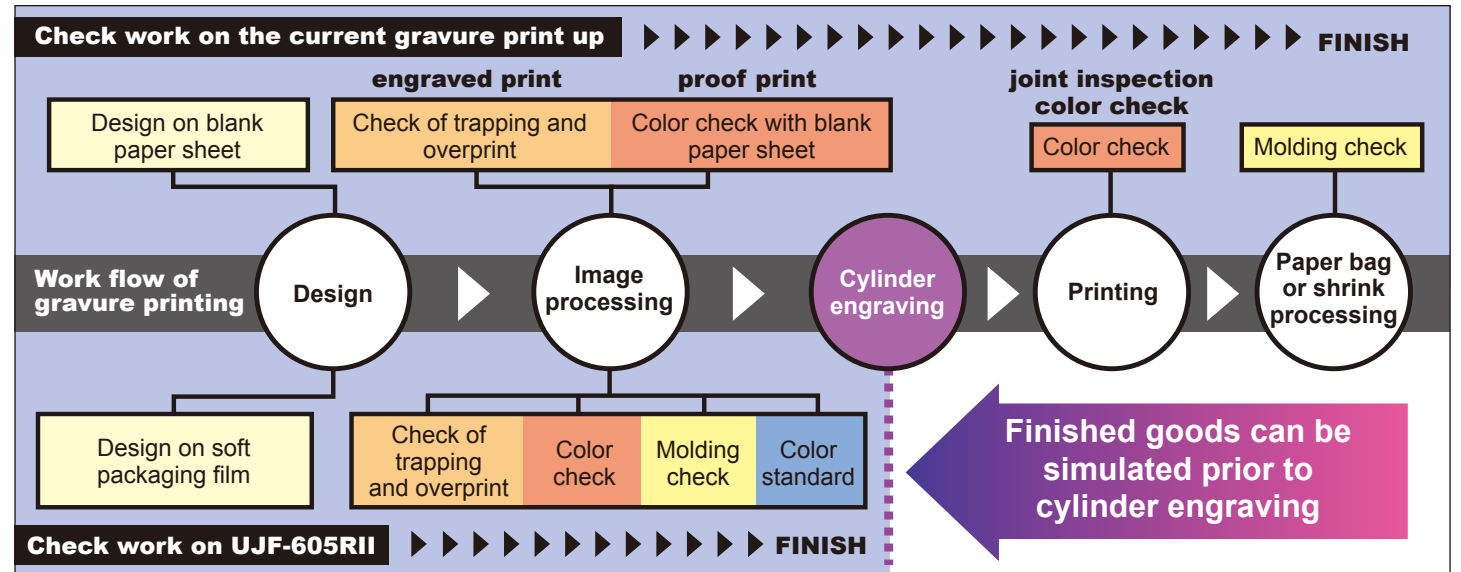
2 Sub-switches
While setting the media, you can perform fine adjustments of film feeding and fixing.

3 Vacuum table
With newly developed vacuum table, a thin film can be fixed without creasing.

4 Tension control function
The tension applied to the media is automatically controlled at the pre-set value.

Digital direct print saves time, cost and labor. A long-awaited unit for color-proofing, sample preparation, position confirmation and presentation of mold image.

You can not only confirm the color and position, but also save time and cost greatly compared to the conventional way. Moreover, since it can print directly on soft packaging films, the final products can be simulated such as confirmation of bag shape before engraving of the cylinder.



Roll to roll enables continuous operation. It saves greatly the works of the operators.

As the machine is compatible with roll media, you can perform continuous printing as you like. It can make multiple sheets of color proofs and samples at one time, which can save the operator's a great amount of work. Further, you can propose to your customers not only the design but also a mock-up sample.



Crossing of distinctive gradations is also possible.

Design of crossing of distinctive gradations can be confirmed not only on the screen but also on the printed material. Since it can make direct prints on soft packaging films, the simulating of actual crossed colors can be performed before making a cylinder plate.



Because of highly precise positioning, multi-color overlaying can be performed without difficulty.

It is now possible to make highly precise positioning of white data and color data. You can confirm the design processing such as white color gradation, trapping and overprint on the soft packaging film which could not be checked by paper proofing.



UV curable ink has a wide gamut and high density.

Mimaki's UV curable ink has a wider gamut. As the gamut has wide warm color areas which abound in the package industry, reproducibility of distinctive designs are outstanding. Since the ink has high density of color necessary for gravure and flexo reproductions, vivid color can be obtained.

