

Mimaki brings a whole new dimension to UV curable inkjet printing with the UJV-110.

Full-color plus white ink produces high quality prints at 1200 x 2400 dpi



UJV-110 UV Curable Inkjet Plotter

The grid roller type UV curable inkjet printer UJV-110 prints on roll media such as PET, PC.* Full color images and fine line type print clean and crisp at high resolutions up to 1,200 x 2,400 dpi. Six-color inks produce a wide range of color variations. Opaque white ink inspires a new level of creative designs for digital printing 1 and 2 sided window films and decals.

MAXIMUM MEDIA SIZE:
42" roll-feed

*Some post treatment may be necessary.

Multiple uses with a variety of media

Window films and decals

Opaque white ink allows the printing of creative 1st and 2nd surface designs on window films and decals.



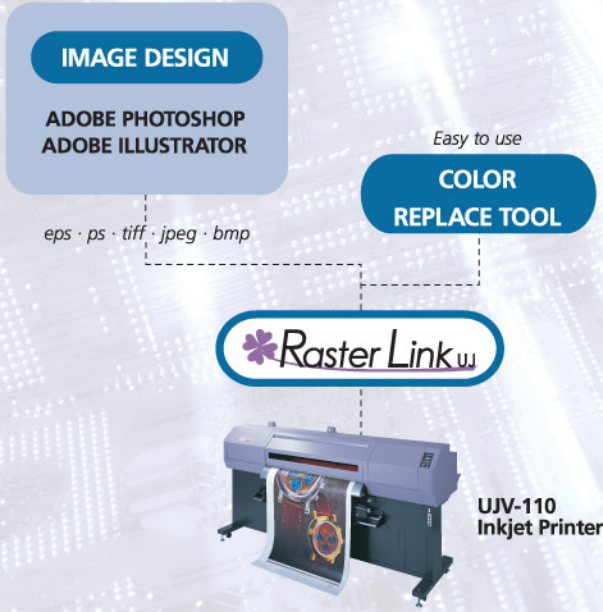
Nameplates and color substrates

High resolution white ink is especially useful when printing fine letters and artwork on nameplates and other color substrates.

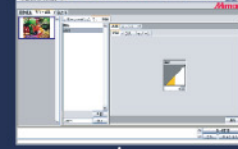
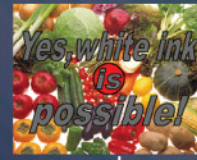
Raster Link UJ

RasterLink UJ is a software RIP customized for UJV-110. Using the enhanced Post Script level 3, white ink can be printed simultaneously with other colors when used as a separate spot color.

RasterLink UJ system configuration



How to replace colors (e.g.: to make letters white)



- Design the image to output**
Designate a color to replace with white ink. (Note: Only vector data is effective for color replacement.)
- Create the file**
Create the color replacement file with the Color Replace Tool.
- RasterLink UJ**
Place the image file into Raster Link UJ.
- Replace file**
Take the color replacement file from the Color Replace Tool.
- Print**
Make a print using white ink.

UJV-110 Inkjet Plotter General Specifications



Item		Specifications
Print head		Piezo-electric drop-on demand
Resolution		300dpi x 300dpi, 600dpi x 600dpi, 1200dpi x 1200 dpi, 1200dpi x 2400dpi
Ink		Original UV curable ink 7 colors (blac, cyan, magenta, yellow, light cyan, light magenta, white);
Ink volume		440cc/cartridge for each color
Maximum printing width		43.3" (1,100 mm)
Distance accuracy	Absolute	Absolute accuracy: whichever the larger one of 0.3 mm or 15% of designated distance
	Repeatability	Whichever the larger one of 0.2 mm or 0.1% of designated space
Perpendicularity		0.5 mm / 500 mm
Media size	Roll width	Maximum 43.3" (1,100 mm)
	Sheet width	Maximum 47.25" (1,200 mm)
	Thickness	1 mm or less
	Weight	Less than 50 lbs. (25 kg)
	Outer diameter	Less than 7" (180 mm)
	Inner diameter	Paper core can be 2-3 in.
Media set device		Roll feed
Waste ink tank		Bottle type (2 liters) with sensor
UV device		Equipped with UV lamp
Interface		IEEE-1394 / Firewire IEEE-1284
Applicable		VCCI Class A UL, CE and CB
Power requirement		VCCI, FCC, UL, CE
Power consumption		3.3k VA or less (Main unit 0.5k VA, UV device 1.8k VA, Heater 1k VA)
Operational Environment	Temperature	59 to 86 F (15 to 30 C); Accuracy guarantee - 64 to 77F (18 to 25C); Gradient - 50F (10C)
	Humidity	Humidity - 35 to 65% Rh; Dust: equivalent to normal office level
Weight		800 lbs. (400 kg) or less; UV power supply - 120 lbs. (60 kg)
Outside dimensions		(W) 2630 mm x (D) 860 mm x (H) 1310 mm or less



All our products are manufactured under our quality assurance system certified by ISO 9001.

ISO 9001:2000
JAB QS Accreditation
MK111 A-2002-09-5-a

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Information shown in this specification sheet is subject to change without notice. Install proper ventilation, and inspect ventilation equipment regularly. Post effects of organic solvents on people, warnings, etc. All trade marks or registered trade marks are the property of the respective owners.

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DEALER: