

Mimaki
AUTHORISED PARTNER

UJV100-160Plus

Roll-to-Roll LED-UV
Curable Inkjet Printer

EXPERT PRINTING
MADE EASY



Width:1.6m

DIGITAL STAR QATAR
ديجيتال ستار قطر

SOURCE OF DIGITAL SOLUTIONS

Digital Star Qatar has been leading the digital solution in Doha, for more than 10 years as a supplier and distributors for the digital sector. Our commitment to providing the best quality machinery with advanced technology, which can help your business to expand more with successful outcomes.

The world has enabled us the opportunity to set ultra-standards in signages and digital printing industries. DSQ has developed into a true trendsetter and a reliable destination for customers seeking wholesale solutions. We help the sectors like sign makers, digital print houses, POS/POP makers, fit-out companies, event managements, and glass & aluminium fabrication industries. we promise to take your business to stand head.

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



Ready To Go

Expert printing made easy.

Entry-level UV printer: Further evolution achieved with "Low Power Consumption" and "Three additional functions"

With a maximum power consumption of 0.5kW, UV printer "UJV100-160Plus" consumes approx. less than 20% power of eco-solvent and latex printers in the market*, helping print businesses reduce power costs and CO2 emissions.

The "UJV100-160Plus" has the basic functions of the conventional "UJV100-160" with three additional functions to expand the range of applications for customers, reduce running costs, and improve work efficiency.

CLOUD-BASED PRINTER STATUS MONITORING TOOL "PICT"

"PICT" supports customers in improving the efficiency of their printing operations and production management by enabling them to visualize the operational status & performance of their printers from a PC or mobile device, even from a remote location.



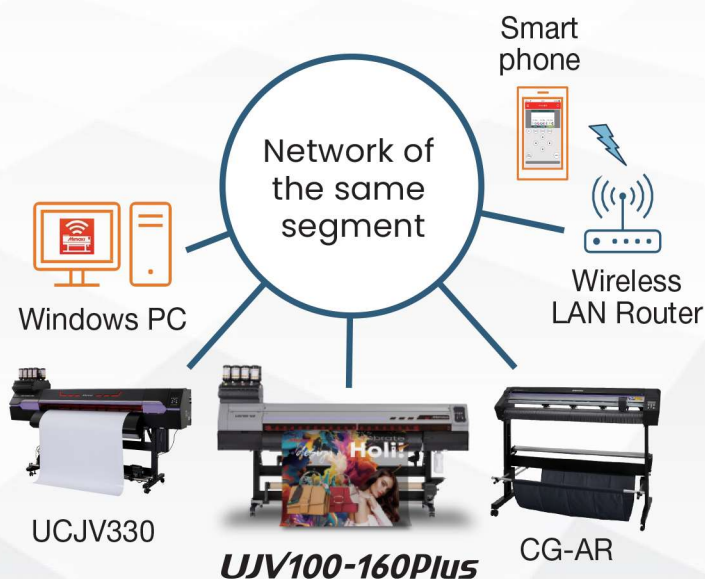
OPERATE MACHINES REMOTELY



MRA

(Mimaki Remote Access)

List ink type, heater temperature, and notification alerts on a smartphone or Windows-based PC. The machine can be operated remotely with the same feeling as the control panel of the actual machine.



PURSUE BUSINESS EFFICIENCY AND DIVERSITY WITH UV

Substrates printed using UV inks can be post-processed immediately after printing, such as lamination and cutting.

The printer also supports a variety of substrates, including transparent film or paper without a receiving layer.

Furthermore, the combination of white and clear inks greatly expands the range of applications.

UV is Eco, an environmentally and people-friendly choice.

Printers that use UV-LEDs are extremely energy-efficient and environmentally friendly. Efficient energy use leads to lower CO2 emissions and contributes to business sustainability.

The printer is also operator-friendly, using GREENGUARD-GOLD certified ink that generates almost no substances that may affect the human body.

Ink Saving Function

Reduce ink usage while maintaining colour balance

Ink usage is reduced by up to 50% while maintaining the natural color gradation of the design. In addition to power costs, the UJV100-160Plus is a user-friendly, sustainable unit that reduces ink costs through simple operation.

Ink Saving
OFF
(Standard Print)



Ink Saving
Lv.3
(Approx. 30% saving)



Ink Saving
Lv.5
(Approx. 50% saving)



CAUTION

Since the Ink Saving Function replaces CMY ink with K, graininess may be noticeable in some data. Please change the ink saving level according to the nature of your work.

Pull-Back Printing Function

Up to 3-layer printing - Express your ideas freely

2-Layer Print

Both printing orders are possible regardless of the ink set orders

- Vivid expression on colored substrates

White >>> Colour



Application : Labels



3-Layer Print

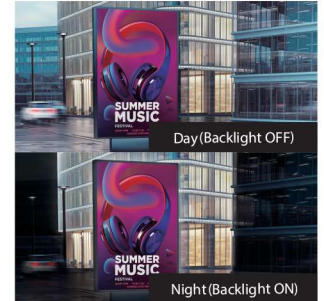
Even more versatile expressions with the Pull-Back Print Function

- Faithful color representation for day and night

Colour >>> White >>> Colour

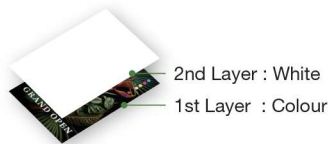


Application : Backlit Signage



- Vivid expressions on transparent substrates

Colour >>> White



Application : Window Graphics



- A variety of expressions in one piece

White >>> Colour >>> Clear

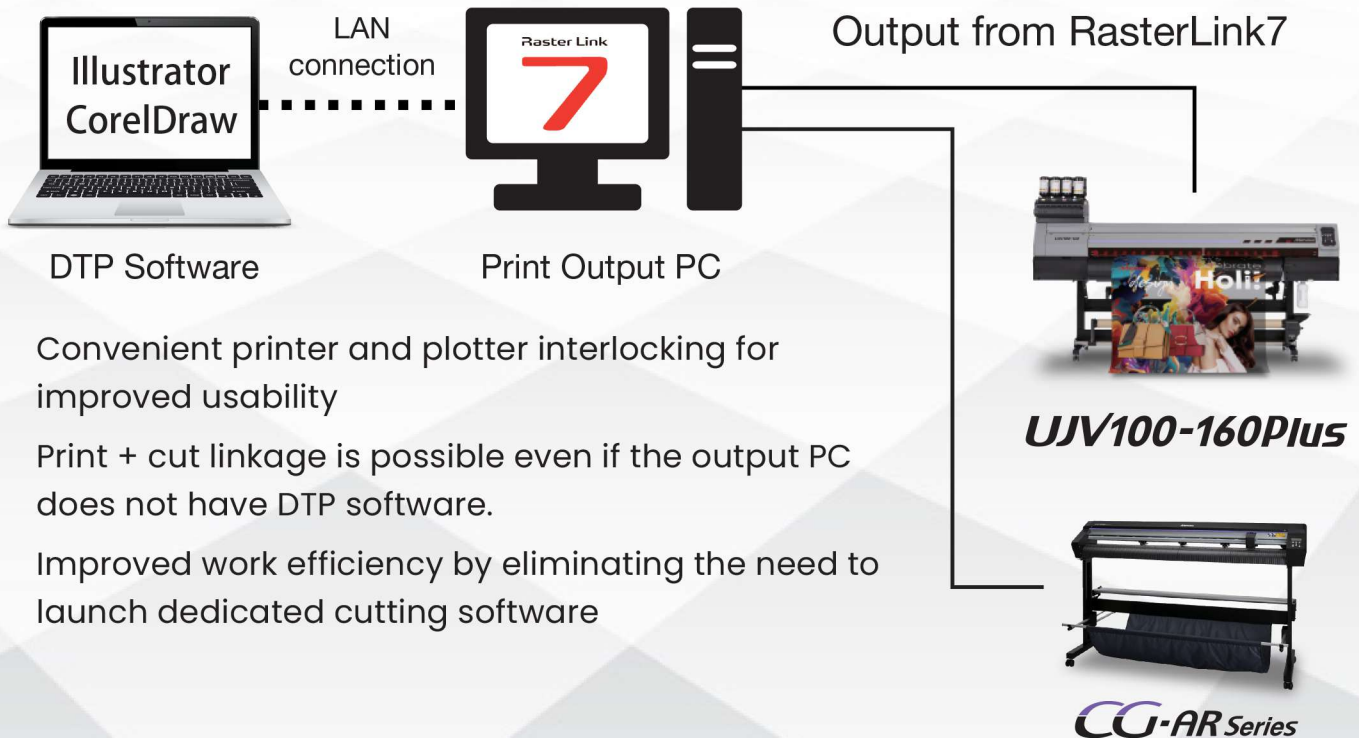


Clear (matte) and frosted glass-like expression

Application : Window Signage



Direct cut data output from RasterLink7 to the CG-AR vinyl cutter



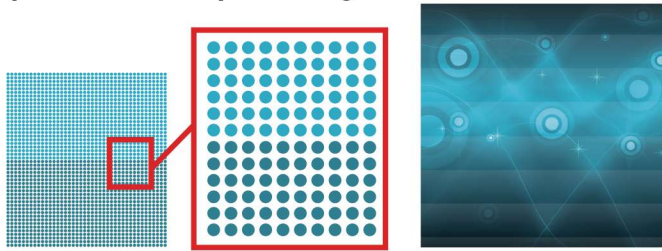
Mimaki's technology pursues high quality, operability and stable production

HIGH QUALITY

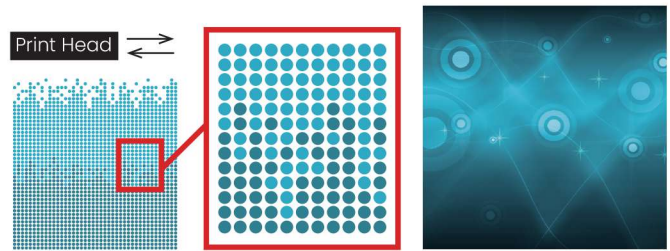
Stable high density x quality MAPS4 : Mimaki Advanced Pass System

The printing pass borders are printed in a gradation style to achieve smooth printing even at high densities. Automatically optimizes output according to printing conditions

(With MAPS4) * image



(Without MAPS4) *image



Operability

Reproduces standard image quality, achievable at a beginner operator level

DAS : Dot Adjustment System

Automatically performs necessary adjustments when media or print conditions are changed. Supports print output by reducing labor and operator adjustment variation.

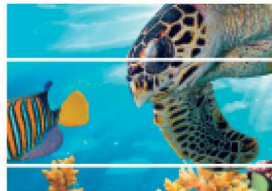
Blurring due to dot misalignment



Overlapping lines by feed-error



Gaps due to feed-error



Automatic adjustment by DAS



Stable operation

Even in case of nozzle trouble Continuous output without waste
NCU & NRS

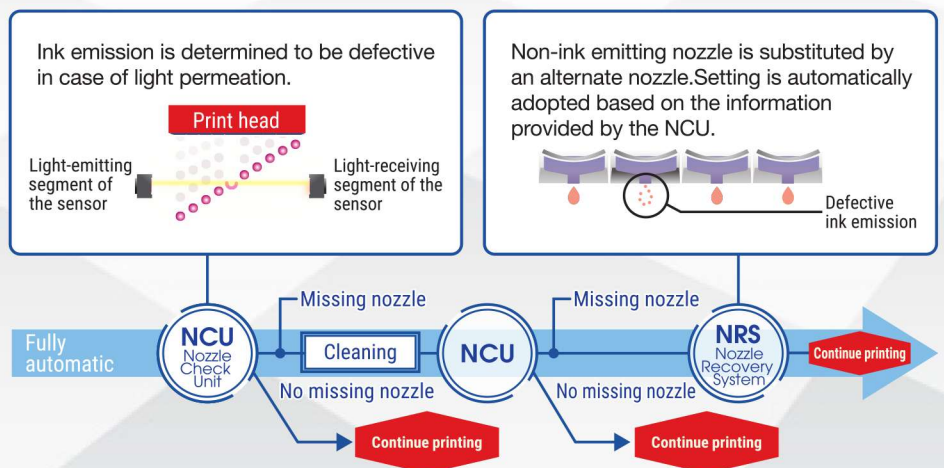
NCU (Nozzle Check Unit)

A sensor detects nozzle defect and nozzle cleaning performed automatically to reduce the material waste.

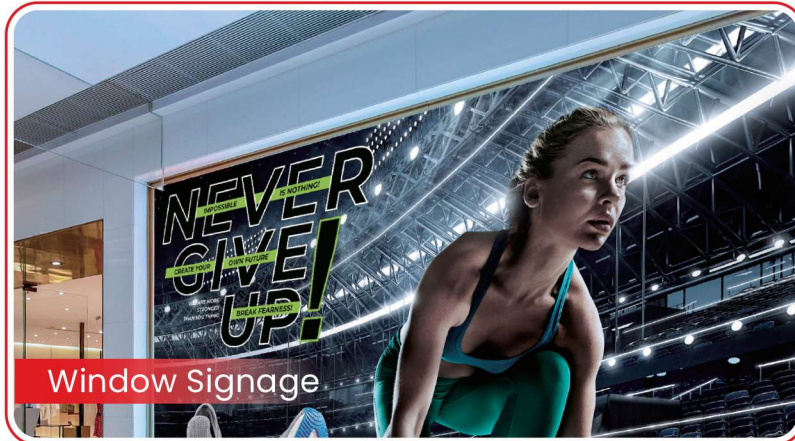
NRS (Nozzle Recovery System)

Supports continous production without waiting for service personnel, when nozzle defect is unrecoverable by nozzle cleaning.

*The function may be limited by missing-nozzle position and amount



Product Samples



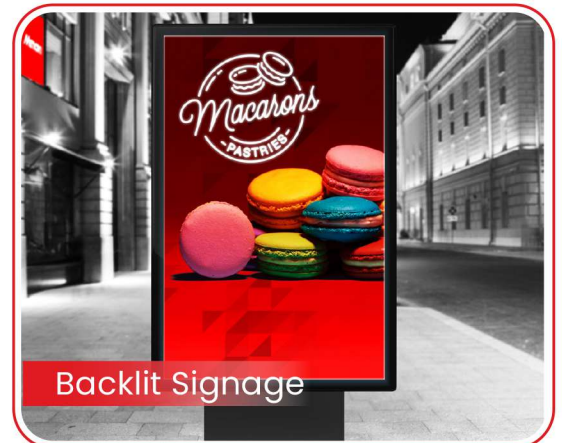
Window Signage



Wallpaper



Floor Stickers



Backlit Signage



Stickers



Canvas

Product Samples

Specification

Item		UJV100-160Plus
Print head		On-demand piezo head (double head staggered layout)
Printing resolution		360 dpi, 720 dpi, 900 dpi, 1200dpi
Ink	Type/Colour	UV-curable ink LUS-170, LUS-190, LUS-210 (C,M,Y,K,W,CL) *Availability varies depending on the regions
	Capacity	1L bottle
Maximum drawing range		1,610 mm (63 in)
Maximum width		1,620 mm (64 in)
Thickness		1.0 mm or lower
Roll diameter		φ250 mm or less
Roll weight		45kg (99 lb) or less
Inner diameter		2 inch / 3 inch
Interface		USB 2.0 / Ethernet 1000BASE-T
Power specifications		Single-phase AC100-120V±10%/12A, AC200-240V±10%/8A, 50/60Hz±1Hz
Power consumption		Maximum 500W (operating), 4.5W (sleep)
Operational environment		Temperature: 20-30°C (68-86°F) Humidity: 35-65%Rh (without condensation)
Certifications		VCCI-class A, FCC class A, ETL IEC62368-1, CE Marking (EMC, Machinery Directive, Low voltage, RoHS) CB, REACH, Energy Star, RCM, EAC
External dimensions (WxDxH)		2,775 x 700 x 1,475 mm (109 x 28 x 58 in)
Main unit weight		167 kg (368 lb)

*Specifications are subject to change without prior notice, all rights reserved.



Mimaki
Green Technology

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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UJV100-160Plus

Terms and Conditions

1. Payment to be made in QR currency.
2. Payment Terms: As mentioned in Quotation.
3. Bank Details:

Bank Name	Branch	Beneficiary Name	Acc #	Swift Code
Qatar Islamic Bank	Al Khour Branch	Digital Star Qatar	0111453200015	QISB - QAQA
IBAN: QA16QISB000000000111453200015				

4. Bank Charges: Any bank charges relevant to the above transactions will be to your account.
5. Any charges, duties, taxes or levies at the ports of entry will be to our account.
6. The charges of loading, boarding and local conveyance of the technician will be to our account.
7. Any required electrical, mechanical and civil site preparation should be done by the customer according to our engineer's requirements.
8. Digital Star Qatar will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents and any related reasons, which is beyond our control.
9. The warranty will be 12 months from the date of installation from Digital Star Qatar. Wear and tear, consumables are exempted and warranty can be claimed only if you use the Inks and Services from Digital Star Qatar.
10. Service will be free of cost within 12 months from the date of installation.
11. 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.
12. Delivery: As mentioned in quotation

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