

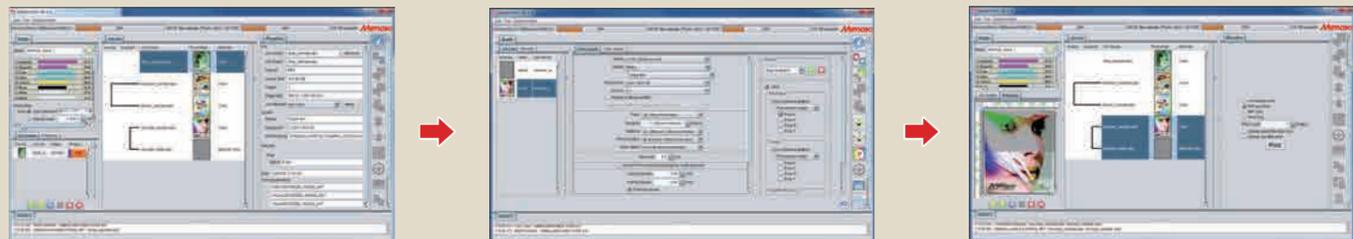
Software RIP combining usability and high performance

It is not so useful if high performance software is hard to use...  
The new RasterLink6 is focused on being simple and usable.  
With its many new functions, "Software RIP for Everybody" has been achieved and provides for more professional and advanced finished products through its universal ease of use.

# RASTER LINK 6

\*Bundled Item

## Intuitive and user-friendly operation



- 1 Basic setting items are indicated by icons, enabling intended operations to be performed intuitively without hesitation.
- 2 When clicking on the targeted icon, the screen will be changed in the same window. In addition, layout settings can be re-used at any time by implementing "Register as Favorite".
- 3 When printing, you can visually confirm the job progress on the main screen.

## Added convenient functions

### Function 1 Layout function as desired

There is no longer a layout constraint in the size adjustment or a copy function for the imposition of several jobs. Three ink layers or copied images are freely laid out if print conditions are same. This function reduces media waste using efficient layout.

### Function 2 Multi-profile, simultaneous printing function

Several profiles that match conditions can be simultaneously printed. This is effective for test output when the profile for a target image quality or color requires multiple "profile" test prints. You can select the best profile after actually investigating such an output.

\*To be supported by RasterLink6 program update soon

## Supports Web update function.

Supports the Web update function that has been well-received in RasterLinkPro5. Program update and profile download can be easily performed via internet.

## Specifications

Item	JV400-130/160SUV
Head	On-demand Piezo head (Array of 2 heads in-line)
Maximum width	1,361mm (53.6") / 1,610mm (63.4")
Print resolution	600, 900, 1,200dpi
Print speed	Draft 18.1m/h (1,200x900dpi, 6pass, bi-directional, 4 color) Standard 13.4m/h (1,200x1,200dpi, 8pass, bi-directional, 4 color)
Ink	Solvent UV Ink SU100 4 color (C, M, Y, K) Ink supply system 600 ml ink pack
Media	Width Up to 1,371mm (54.0") / 1,620mm (63.8") Weight Up to 25kg (55.1 lbs) Roll diameter Up to φ180mm (7.1") Inside roll diameter 2-3 inch Print aspect Inside / outside Cutter Y-direction cutter after head section
Drying device	3 way intelligent heater (Pre/Print/Post)
UV curing unit	Equipped with fluorescent UV tube lamp
Media take-up device	Roll take-up device, inside/outside selectable
Interface	USB2.0
Applicable standard	VCCI class A, FCC class A, UL 60950-1 CE Marking (EMC, Low voltage and Machinery directive), CB Report
Power specification	AC 100~120V±10% or AC 200~240V±10%
Power consumption	100 - 120V 1,440W × 2 220 - 240V 1,800W × 2
Operational environment	Temperature: 20°C-30°C (68-86 °F); Humidity: 35-65 % RH (non condensing)
Dimensions (W×D×H)	2,630×855×1,435mm (103.5"×33.7"×56.4") / 2,875×855×1,435mm (113.2"×33.7"×56.4")
Weight	241kg (531 lbs.) / 259kg (570 lbs.)

## Supplies

Item	Item No.	Remarks
SU100 ink	Cyan	SU100-C-60
	Magenta	SU100-M-60
	Yellow	SU100-Y-60
	Black	SU100-K-60
Eco cartridge	OPT-J0237	8 cases

\*600 ml ink pack requires eco cartridge (OPT-J0237).  
Eco cartridges can be used repeatedly by replacing ink packs.

## Related Product

### New LX100 Latex Ink on board

# JV400-130/160LX

#### Eco-friendly water-based ink

The water-based "LX100" has very little VOC (Volatile Organic Compound) and does not need special ventilating equipment. This is an eco-friendly ink which reduces the operator's environmental impact.

#### World's First Latex White Ink

The white ink meets the diverse needs of a signage market with its adaptability to a wide range of printing media including transparent PET, window decoration, shatterproof window film and so on. In addition, the machine comes with an ink circulation system, named MCT\*, which prevents pigment sedimentation and provides stable ink-jetting.

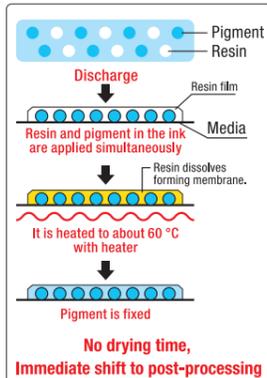
\*MCT = Mimaki Circulation Technology

#### Available in all scenes outdoors or indoors

Latex ink can print on most medias that are used in eco-solvent machines. Moreover, non-coated media without an acceptance layer, such as paper and cloth, can be printed on as well. This excellent media capability opens the door to many opportunities.



#### Fixing method of Latex Ink



LX100 ink: C M Y K W

〈 Solvent UV Ink Model 〉 Wide Format Inkjet Printer

# JV400 Series

## JV400-130 SUV / JV400-160 SUV

**Mimaki**  
Product Brochure

New Standard  
The World's First  
Solvent  
UV Ink

Engineered with the latest inkjet technologies  
The JV400SUV Series has arrived!



●Some of sample images in this catalogue are artificial renderings. ●Specifications, design and dimensions stated in this catalogue may be subject to change without notice for technical improvements etc. ●The corporate names and merchandise names written in this catalogue are the trademark or registered trademark of the respective corporations. ●Inkjet printers print using extremely fine dots, so colors may vary slightly after replacement of print heads. ●Also note that if using multiple printer units, colors could vary slightly from one unit to other(s) due to slight individual differences. ●Please note that descriptions and data in this catalogue are as of April 2018.

**Mimaki** MIMAKI ENGINEERING CO., LTD.  
2182-3 Shigeno-Otsu, Tomi-city, Nagano 389-0512, Japan  
TEL: +81-268-64-2281

## Mimaki Global Network

USA	MIMAKI USA, INC.	Europe	MIMAKI EUROPE B.V.
Brazil	MIMAKI BRASIL COMERCIO E IMPORTACAO LTDA	Indonesia	PT. MIMAKI INDONESIA
India	MIMAKI INDIA PRIVATE LIMITED	Australia	MIMAKI AUSTRALIA PTY. LTD.
Taiwan	MIMAKI ENGINEERING (TAIWAN) CO.,LTD.	China	SHANGHAI MIMAKI TRADING CO.,LTD.
Singapore	MIMAKI SINGAPORE PTE. LTD.		

**Mimaki** **Green Technology**

# The Solvent UV ink created by Mimaki, experts in the sign industry, opens the gate to a NEW standard.

Mimaki continues to make new advances and developments in the sign industry, and is proud to unveil a new standard for sign manufacturers; Solvent UV. It specializes in printing on "solvent media" such as PVC films and banner materials, thus meeting solvent ink users' desire for "a little more here"

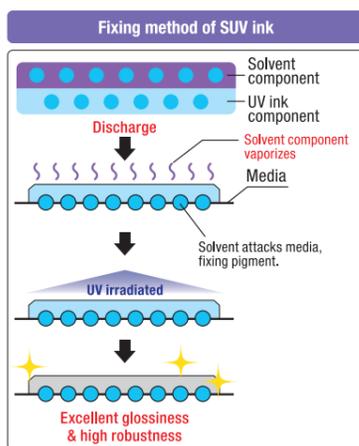
## Advanced ink technology

### Solvent UV ink (SU100)

Solvent UV ink contains a solvent component and a UV ink component. First, the solvent component attacks the acceptance layer of the media, fixing the pigment; the subsequent UV curing assures very high robustness.

**Since printing is directly followed by curing, drying time is eliminated. Secondary processing can be done immediately after printing!**

When using Mimaki Solvent UV Inks, fixation and curing is immediate. It is therefore not necessary to worry about drying times. Immediately after printing, secondary processing, such as lamination, can be performed, dramatically increasing time and efficiency.



### High-grade smooth glossiness

Solvent UV ink contains a solvent component which attacks the acceptance layer of the media, fixing the pigment. It performs UV curing, not when the ink is discharged, but after the pigment is fixed to the media, all while maintaining the vivid color reproduction of solvent ink, resulting in a coating-like smooth glossy print. Signs with solvent UV have a bold and vivid appearance which catches the eyes of passers-by.



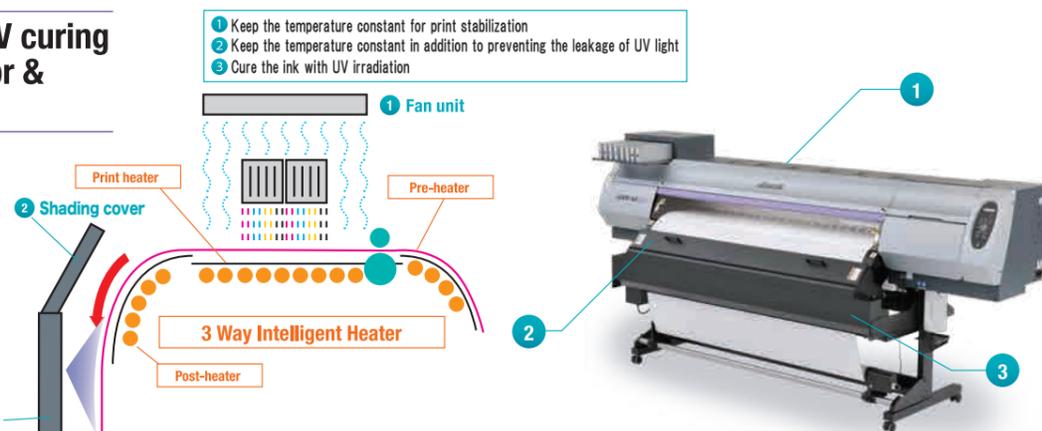
### Exceptional scratch resistance

A robust UV component remains on the media after UV curing, which provides a surprisingly strong scratch resistance (rub-fastness). Moreover, Solvent UV is equal to or better than solvent ink in weatherability and alcoholic resistance. In cases such as banner materials, where lamination is difficult and often omitted, considerable durability can be expected.



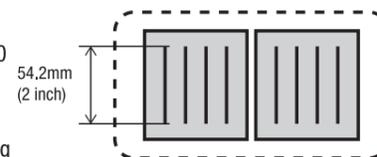
### Improved drying & UV curing devices for vivid color & strong scratchability

3 Way Intelligent Heater improves the color reproduction and fixability of ink by heating the media to the proper temperature before, during and after printing. In combination with the 3 Way Intelligent Heater, the UV curing unit immediately cures the ink to be fixed.



### Feature 1 Newly developed high-speed print heads

Two newly developed print heads with four rows of 320 nozzles per head are arranged in a single line, enabling high-speed printing with top quality results.



#### JV400 standard quality print speeds

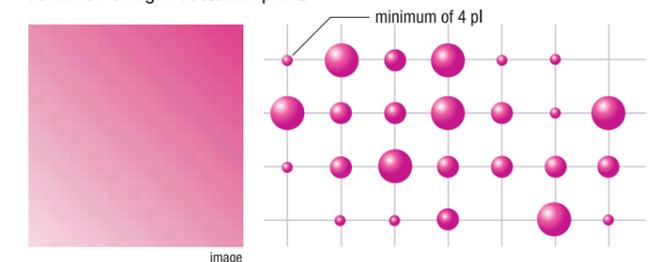
Print Quality	Resolution	Print Speed (m <sup>2</sup> /h)
Draft	1200×900dpi, 6p, Bi	18.1m <sup>2</sup> /h
Standard	1200×1200dpi, 8p, Bi	13.4m <sup>2</sup> /h
High Quality	1200×900dpi, 12p, Bi	6.6m <sup>2</sup> /h

### Feature 2 High quality prints are made available by advanced technology

#### Multiple drop sizes with a minimum size of 4 pl

Depending on the media or output density, the drop sizes of ink from the print head can be selected to a minimum of 4 pl. Multidrop function provides three different drop sizes at once, producing fascinating, non-grainy and smooth printing results.

Mimaki's proprietary head control technology realizes an unrivaled high definition & high resolution print.

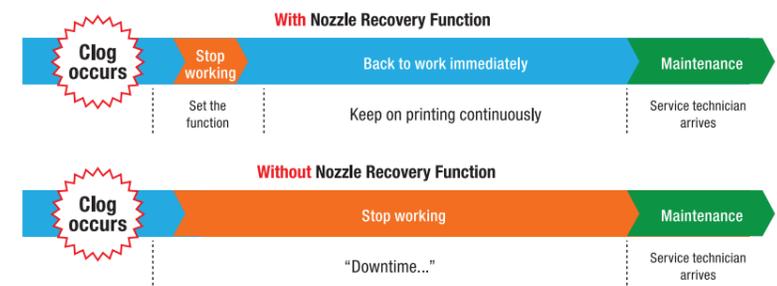


### Feature 3 Fail-safe features for continuous operation

#### Nozzle Recovery Function

Even when nozzle washing has no effect on a troubled nozzle, the print image quality can be recovered temporarily. In this nozzle downtime the printer continues to produce high quality prints till the Mimaki service team arrives.

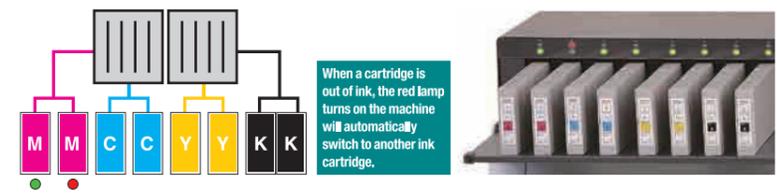
\* Nozzle Recovery Function is a temporary "failure averting function" to continue operation and its recoverability is limited.



#### UISS (Uninterrupted Ink Supply System)

Two ink cartridges per color can be set in 4-color mode. When an ink cartridge runs out, another cartridge of the same color automatically starts supplying ink, preventing the printer from stopping while producing large volumes of output. This feature is especially useful for unattended overnight printing.

\* UISS = Uninterrupted Ink Supply System



#### Eco-cartridge method

Eco-cartridges can be repeatedly used by changing spent ink packs. This eco-cartridge method contributes to waste reduction and can provide ink at lower prices.

\* Ink pack capacity is 600 ml.

