

Software RIP combining usability and high performance

# RasterLink6

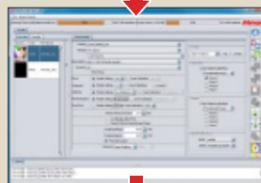
\*Bundled Item

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.

## 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".



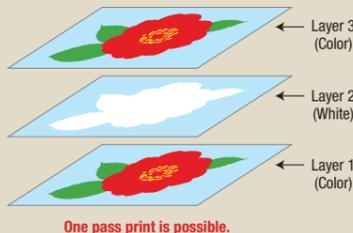
**3** When printing, you can visually confirm the job progress on the main screen.

## Added convenient functions

### Function 1

#### Three ink layers in one pass print function

A three-layer print of color, white and color can be performed at one time. The underlay printing of a base layer of white ink in order to reproduce the natural beauty of colors printed on transparent media. Window graphics can be printed with high precision and no multi-pass color registration shift.



One pass print is possible.

### Function 2

#### 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 3

#### 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	JV400-130/160LX
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	High speed
	Standard
Ink	Latex ink LX100
	Ink supply system
Media	Width
	Weight
	Roll diameter
	Inside roll diameter
	Print aspect
	Cutter
Drying device	3 way intelligent heater (Pre/Print/After) Ventilation fan unit, Drying fan heater
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 100~240V±10% (Automated voltage conversion)
Power consumption	100 - 120V
	220 - 240V
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	216kg (476 lbs.) / 231kg (509 lbs.)

## Supplies

Item	Item No.	Remarks
LX100 Latex ink	Cyan	LX100-C-60
	Magenta	LX100-M-60
	Yellow	LX100-Y-60
	Black	LX100-K-60
	Light cyan	LX100-LC-60
	Light magenta	LX100-LM-60
	White	LX100-W-22
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 Solvent UV Ink (SU100) on board

## JV400-130/160 SUV

### Never-before-seen glossiness

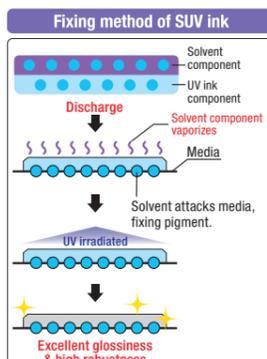
Solvent UV ink performs UV curing, not when the ink is discharged, but after the pigment is fixed to the media, all while maintaining the vivid color reproduction of solvent ink, resulting in a coating-like smooth glossy print.

### A Scratch resistance that everyone desires

A robust UV component remains on the media after UV curing, which provides a surprisingly strong scratch resistance (rub-fastness) and weatherability. In cases such as banner materials, where lamination is difficult and often omitted, considerable durability can be expected.

### No drying time, immediate shift to post-processing

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.



●Some of the samples 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 on 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 the printing heads. Also note that if using multiple printer units, colors could vary slightly from one unit to other unit due to slight individual differences.



Our factory is certified according to ISO14001:2004

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DB10305-01

< Latex Ink Model > Wide Format Inkjet Printer

# JV400 Series

## JV400-130LX / JV400-160LX

# Mimaki

Product Brochure

Engineered with the latest inkjet technologies

The JV400-LX Series has arrived!



# This is Mimaki Latex!

Printable on non-coat media, such as paper and textile, as well as media used in eco-solvent printers!!  
7-color Mimaki Latex with white added to 6 colors(CMYKLCm) properly meets multiuse application and creates endless versatility

## Eco-friendly water-based ink

Our water-based "LX100 Inks" have very little VOC's (volatile organic compound) and does not need special ventilating equipment. This eco-friendly ink reduces the operator's health load and is better for the environment.

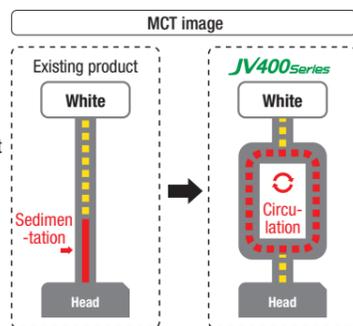
## The World's First White Latex Ink

White ink helps retain the natural vividness of colors by being used as a base to print on transparent or colored materials. It is very effective in the manufacture of clear film window graphics etc.

### Ink circulation, ecology & economy applications of white ink

MCT (\*) to regularly circulate white ink is standard equipment. It enables stable output from the time of machine startup by effectively avoiding the settling of white pigment in the ink lines. Additionally, MCT contributes to reduction of ink waste, thereby supporting environmentally and economically friendly applications.

\* MCT = Mimaki Circulation Technology. MCT works only with white ink.



### Color mode selectable to your needs

Eight ink cartridges can be inserted and you can choose the color configuration of ink at the time of installation. If a 7-color mode (CMYKLCm+ white) is selected white ink is added, but for higher productivity, such as bill board printing a double CMYK 4-color mode can be selected for higher productivity.



Window graphics are printed with transparent PET film. White Latex makes colors vivid!

## 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.

\* 1: Ink pack capacity is 600 ml. \* 2: LX100 white ink is for 220 ml ink cartridge.



## Excellent usage for outdoor and indoor applications

Latex ink fixes pigment to media because resin contained in the ink dissolves with the heater, forming membrane. Therefore, it can be outputted on PVC film, banner material, backlit bluebacked paper indispensable for sign making and on most media that are currently used in eco-solvent machines.

Moreover, non-coat media without acceptance layer, such as paper and textile, can be printed as well. This excellent media capability is very attractive as it supports new applications and can expand future print business.

### 60 °C cold cure expands capability for various heat-sensitive media

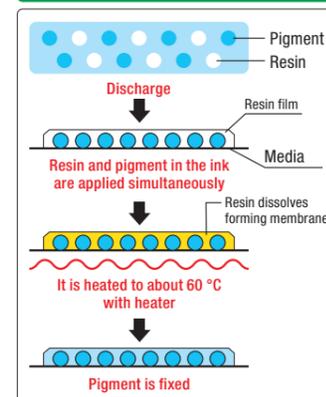
It can be used to output on heat deformable or discolorable materials including PET, it also contributes to reduction of color blurring due to high temperature. Combining its excellent media capability with cold cure, Latex Ink can meet the diversified needs of clients in a finer, more versatile and higher quality manner.

\* Depending on media, ink curing temperature needs 70 °C or higher.

### No drying time, Immediate secondary processing

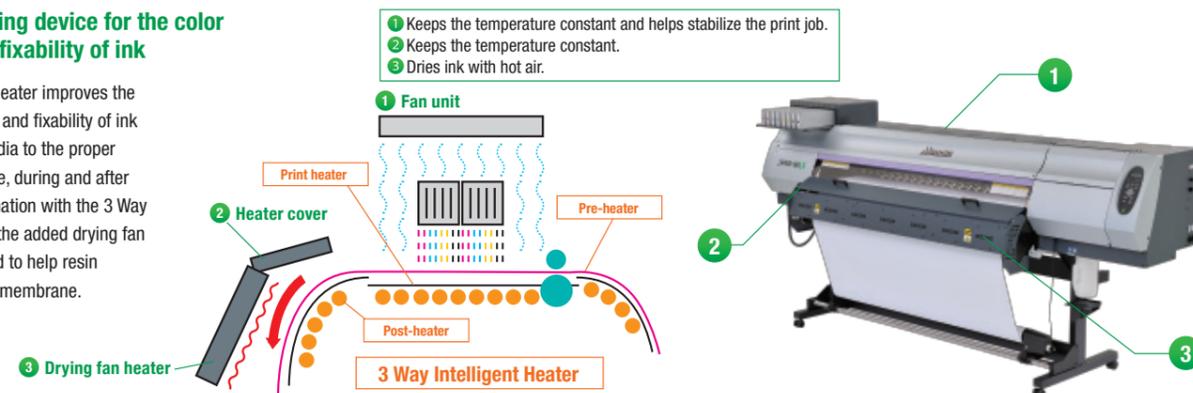
When using Mimaki Latex inks, fixation and curing is immediate. It is therefore not necessary to worry about drying times. Immediately after printing, secondary processing, such as lamination, can be performed, dramatically increasing time and efficiency.

### Fixing method of Latex Ink



### Improved drying device for the color reproduction fixability of ink

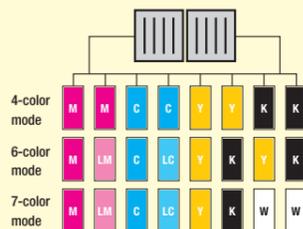
3 Way Intelligent Heater improves the color reproduction and fixability of ink by heating the media to the proper temperature before, during and after printing. In combination with the 3 Way Intelligent Heater, the added drying fan heater is employed to help resin dissolve to form a membrane.



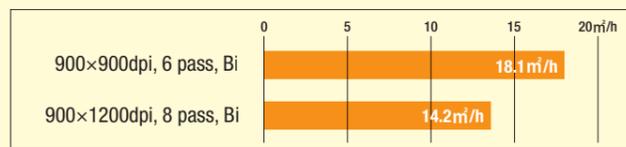
## Feature 1 Newly developed high-speed print heads

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.

54.2mm (2 inch)



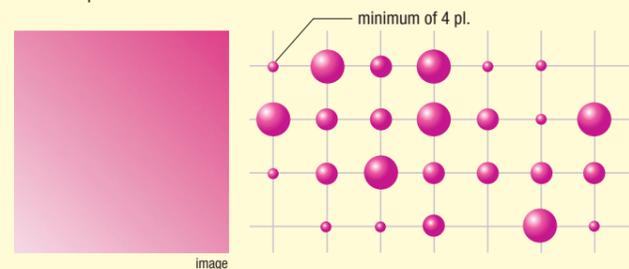
### JV400 standard quality print speeds



## 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 delivers unrivaled high definition & high resolution prints.



## 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

