

Sophisticated RIP software maximizes the performance of JV400 series

Raster Link 6 Additional useful functions

User friendly RIP key features

- Easy to follow icons enable intuitive and user-friendly operation
- Related settings feature in one window to simplify RIP operations, with 'Register as Favourite' option available for regularly used layouts
- Printing progress can be monitored on the main screen

1. Three ink layers in one pass print function

A three-layer print of colour, white and colour can be performed at one time. Printing a base layer 'underlay' of white ink allows perfect reproduction of beautiful natural colours when printing on transparent media. Window graphics can be printed with high precision and no multi-pass colour registration shift.

2. Layout function

Three ink layers or copied images are freely laid out if print conditions remain the same. This function reduces the media waste by efficient layout.

3. Multi-profile, simultaneous printing function

Several profiles that match conditions can be simultaneously printed. This is particularly useful for test output when the profile for a target image quality or colour requires multiple 'profile' test prints.

4. Web update function

Program update and profile download can be easily performed via Web.

Specifications

Item	JV400-130/160LX	
Head	On-demand Piezo head (Array of 2 heads in-line)	
Maximum width	1,361mm / 1,610mm	
Print resolution	600, 900, 1,200dpi	
Print speed	Draft	18.2 m ² /h (1200×900dpi, 6pass, bi-directional, 4 colour)
	Standard	11.0 m ² /h (900×900dpi, 12pass, bi-directional, 4 colour)
	High quality	6.6 m ² /h (1200×1200dpi, 16pass, bi-directional, 4 colour)
Ink	LX100 Latex ink	1 colour (White)
	LX101 Latex ink	6 colours (C, M, Y, K, Orange, Green)
	Ink supply system	600 ml ink pack (LX100 white ink is for 220 ml ink cartridge)
Media	Width	Up to 1,371mm / 1,620mm
	Weight	Up to 25kg
	Roll diameter	Up to φ180mm
	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/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%	
Power consumption	100-120V:1,440W x 2 / 200-240V:1,800W x 2	
Operational environment	Temperature: 20°C-30°C (68-86°F); Humidity: 35-65 % RH (non condensing)	
Dimensions (W×D×H)	2,634×854×1,435mm / 2,879×854×1,435mm	
Weight	216kg / 231kg	

Supplies

Item	Item No.	Remarks	
LX101 Latex Ink	Cyan	LX101-C-60	
	Magenta	LX101-M-60	
	Yellow	LX101-Y-60	
	Black	LX101-K-60	
	Orange	LX101-Or-60	
	Green	LX101-G-60	
	White	LX100-W-22	220ml ink cartridge
Flushing liquid 01	FL001-Z-22	220ml cartridge, for ink discharge	
Flushing liquid 03	C-FL003-Z-22-1-KA	220ml cartridge	
Flushing liquid kit for maintenance of Latex ink	ML001-Z-K1	200ml bottle	
Cutter blade assy	SPA-0107	1 pc	
Waste ink bottle (2L)	SPA-0117	1 pc	
Wiper kit 400	SPA-0184	Set of 10	
C absorber kit	SPA-0185	Set of 3	
W filter kit	SPA-0187	1 set, for MCT	
Cleaning stick for head surrounding	SPC-0527	50 pcs	
Eco cartridge	OPT-J0237	8 cases	

600 ml ink pack requires eco cartridge (OPT-J0237), which can be used repeatedly by replacing ink packs.

Related Product

New Solvent UV Ink (SU100) on board
JV400-130/160 SUV



SU100 ink:


- High gloss output
- High scratch resistance and durability
- No drying time, immediate post processing

• Some of the samples in this folder are artificial renderings • Specifications, design and dimensions stated in this folder may be subject to change without notice (for technical improvements, etc.)
 • The corporate and merchandise names written on this folder are the trademark of the respective corporations • Inkjet printers print using extreme fine dots, so colours may vary after replacement of the printing heads, also note that if using multiple printer units, colours could vary slightly from one unit to other unit due to slight individual differences • Composer's errors reserved

NEW
 Orange & Green
 are now available!

JV400 series
 JV400-130LX / JV400-160LX



Latex wide format inkjet printer ...

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Pratite nas: 

SG
 SIGN &
 GRAPHICS

eco

Mimaki
 The world imagines... Mimaki delivers



Mimaki

A new cooler, cleaner and greener latex printer

This innovative new latex machine satisfies the increasing demands of the signage market by being cooler running, more energy efficient and yet delivering breathtaking print quality, with an even wider colour gamut using more ecologically friendly inks and is also the world's first latex printer to feature white ink.

JV400-130/160LX delivers ...



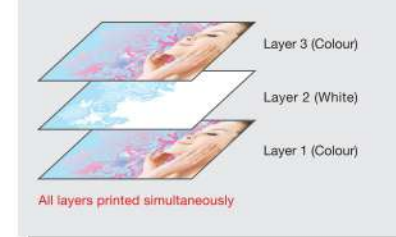
ECO LATEX INKS
18.2 m²/h MAX. PRINT SPEED
2 PRINT WIDTHS

JV400 Series
 JV400-130LX / JV400-160LX

No drying time
 Mimaki Latex ink is fixed and cured right after printing, which enables secondary processing, such as lamination, to be performed immediately, dramatically increasing efficiency.

Nozzle recovery function
 Even when nozzle washing has no effect on troubled nozzle, the print image quality can be recovered temporarily.
 * Nozzle Recovery Function is a temporary failure averting function and its recoverability is limited.

Three-layer printing
 A 3-layer print of colour, white and colour can be performed simultaneously. Printing a base layer of white ink reproduces the natural beauty of process colours that are printed on transparent substrates, with high precision and no multi-pass colour registration shift.

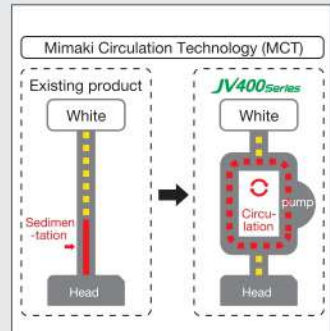


Create ... Indoor and Outdoor Signage and Display Graphics, Window decorations, Retail PoS and print on transparent PET, shatterproof window film and much more...

KEY TECHNICAL FEATURES ...

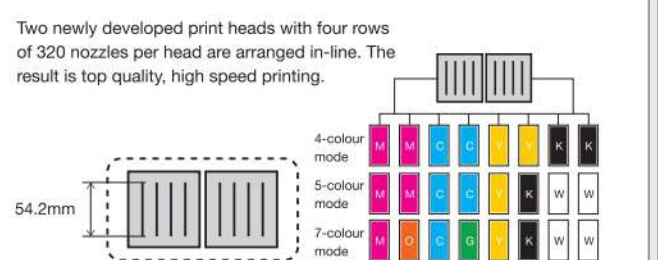
Six colour Latex inks plus white & Ink Circulation System

The innovative water based latex inks are odourless and feature very low VOC (volatile organic compounds). The addition of white ink provides the flexibility to print to a wide range of media including transparent PET, window decoration and shatterproof window film. The addition of an advanced ink circulation system, MCT*, prevents pigment sedimentation and provides stable ink-jetting, whilst reducing manual ink cartridge circulation.
 *MCT = Mimaki Circulation Technology. MCT works only with white ink.



High-speed print head with variable ink dot technology

New, technically advanced printhead provides 4 picolitre minimum capability. Variable ink dot print mode enables smooth print gradation without grainy appearance.



Print speeds

4-colour inkset	m ² /h	0	5	10	15	20m ² /h
Draft 1200 x 900dpi, 6p, Bi	18.2 m ² /h					
	17.0 m ² /h					
High speed 1200 x 1200dpi, 8p, Bi	13.8 m ² /h					
	12.9 m ² /h					
Standard 900 x 900dpi, 12p, Bi, Hi	11.0 m ² /h					
	10.1 m ² /h					
High quality 1200x1200dpi, 16p, Bi, Hi	6.6 m ² /h					
	6.1 m ² /h					

7-colour inkset	m ² /h	0	5	10	15	20m ² /h
Draft 1200 x 900dpi, 12p, Bi	9.1 m ² /h					
	8.5 m ² /h					
High speed 1200 x 1200dpi, 16p, Bi	7.0 m ² /h					
	6.5 m ² /h					
Standard 900 x 900dpi, 24p, Bi, Hi	5.6 m ² /h					
	5.1 m ² /h					
High quality 1200x1200dpi, 32p, Bi, Hi	3.3m ² /h					
	3.1m ² /h					