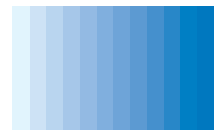


New generation output software with 16 bit rendering (a standard item)

High performance software RIP helps you utilize the various functions of the JV33 series.



● 16 bit rendering eliminates tone jump and produces fine color reproduction.



[8 bit rendering]
Tone jump is likely to occur in gradation



[16 bit rendering]
Smooth gradation without tone jump

● Different images can be laid out freely on the RIP.
● Versatile editing functions such as tiling, trimming, scaling and rotating are provided.
● Able to network in environments where Windows and Macintosh co-exist.

RasterLink Pro III

Specifications

Item	Specifications	
	JV33-130	JV33-160
Head	On-demand Piezo head (180nozzles x 8 lines) X1 head	
Maximum print width	1,361mm (53.5")	1,610mm (63.3")
Printing resolution	540, 720, 1,440dpi	
Printing mode (scan x feed)	540 x 720dpi, 540 x 900dpi, 540 x 1,080dpi 720 x 540dpi, 720 x 720dpi, 720 x 1,080dpi, 720 x 1,440dpi 1,440 x 1,440dpi	
Ink	Kind	Exclusive Solvent ink: SS21 Full Solvent Ink or ES3 Eco Solvent Ink
	Capacity	4-color mode: 440cc cartridge x 2/color, 880cc/color 6-color mode: 440cc cartridge x 1/color, 440cc/color
Media	Size	1,371mm (53.9") / 1,620mm (63.9")
	Roll weight	Less than 25kg (55.1lbs.)
	Print surface	Face out
	Roll inside diameter	2 inch or 3 inch
Media cutting	Cutting on Y direction by cutter at the head	
Media heater	Triple stage intelligent heater (Pre/Print/Post)	
Media Take-up device	Roll take-up device (standard), inside/outside selectable	
Interface	USB2.0	
Applicable standards	VCCI Class A, FCC Class A, UL 60950 CE Marking (EMC directive, Low voltage directive), CB report	
Power	AC100 ~ 120V±10%, AC220 ~ 240V±10%, 50/60Hz±1Hz	
Power consumption	Less than 1,440 VA	
Operation environments	Usable temperature: 20°C ~ 35°C (64~95°F), Humidity: 35~65%RH (No condensation)	
Dimensions (W x D x H)	2,289 x 739 x 1,424mm (90.1" x 29.1" x 56.1")	2,538 x 739 x 1,424mm (99.9" x 29.1" x 56.1")
Weight	145kg (320lbs.)	160kg (353lbs.)

Supplies

Item		Item No
SS21 Solvent ink	440cc	SPC-0501Y-M-C-K-Lm-Lc
	220cc	SPC-0504W
ES3 Eco solvent ink	440cc	SPC-0440Y-M-C-K-Lm-Lc
Wiper kit	10 pcs	SPA-0134
Waste ink bottle 2L	1 pc	SPA-0117
Cutter blade assembly	1 pc	SPA-0107
MS cleaning cartridge (SS21 and ES3 ink)	220cc	SPC-0294

Option

Item		Item No
Drying and exhaust unit 130	JV33-130	OPT-J0129
Drying and exhaust unit 130	JV33-160	OPT-J0130

JV33-160

Standard items: Take-up device, RasterLinkPro III

Maximum
printing width
1,610mm

JV33-130

Standard items: Take-up device, RasterLinkPro III

Maximum
printing width
1,361mm

● 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.

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Mimaki Exclusive Distributors

Wide Format Inkjet Printer

JV33 Series
JV33-130 / JV33-160

Mimaki

Being beautiful is not enough.

The complete solution for the sign & graphics professional.



Full Solvent

Eco Solvent

Evolution. JV33 Series

State-of-the art inkjet technology makes enhanced high quality / high speed performance a reality. Introducing an affordable, high performance, multifunction, solvent inkjet printer.

Overcoming the previously held misconceptions about solvent inkjet printers, the JV3 series has achieved enormous popularity ever since its release. Following in the footsteps of this revolutionary machine, the JV33 series was created. In addition to various enhancements which bring out a high quality print of 1,440 dpi, the new JV33 series has increased print speed. With it's compact design and affordable price, the JV33 series is an attractive option for any shop. Mimaki's flagship product has established high standards which set it apart from the competition.



Unique inkjet technology makes ultra-high resolution and high-speed printing possible



Compatible with high resolution and high speed
Newly developed high-speed print head

A newly developed high-speed print head containing 180 nozzles x 8 lines, allows for ease of assembly and calibration. With it's increased print head accuracy the JV33 delivers truly high quality print of 1,440 dpi. In addition, the improved running efficiency has improved the print speed by 30% over the JV3 series. Print quality in 4-color bidirectional mode is also improved using a "symmetric ink arrangement".

Print speed

Model		High speed mode	Standard mode	High quality mode
		540x720dpi 4pass Bi-directional	540x1,080dpi 6pass Bi-directional	720x1,440dpi 8pass Bi-directional
JV33-160	4 color	17.5	11.9	7.4
	6 color	9.0	6.1	3.4
JV33-130	4 color	16.7	11.4	7.1
	6 color	8.6	5.8	3.2

(unit:m²/hour)

USB2.0 Interface Supports high speed data transfer

A variety of inks, including white, enables you to create a wider range of graphics

Two types of ink are available to meet your needs, including aqueous inks

The two solvent inks feature high scratch resistance, high density, wide color gamut and high safety (Cyclohexanon-free).

Print simultaneously using full color and white ink (SS21)

Mimaki's exclusive "White ink Overlay print" * allows for simultaneous white and full color printing and realizes a beautiful finish with accurate overlay. Printing with white ink onto transparent or opaque substrates creates vivid full color graphics.
* As of July, 2007

Full solvent ink

SS21 ink

Eco solvent ink

ES3 ink

SS21: Fast drying ink provides the ability to print onto various types of media with a high scratch resistance.

ES3: Virtually odourless and user friendly ink that does not require any special ventilation.

6-color print

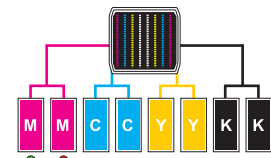


6-color + white ink print



White Ink

The new UISS improves operating performance by allowing continuous unattended printing



In case of Magenta / A red light is displayed when a cartridge is out of ink the machine switches automatically to a new cartridge.

Automatic ink cartridge switching allows for longer print runs
UISS (Uninterrupted Ink Supply System)

UISS for continuous printing is standard on JV33 machines. The JV33 can utilize two cartridges per color in 4-color mode. When the ink cartridge runs out, another cartridge begins supplying ink and helps prevent running out of ink. A maximum of 880cc ink per color can be loaded at one time. With 880cc of ink loaded at one time, a 50m (54yd) roll of media can be printed without interruption. Ink cartridges can be changed during printing.
*UISS can not be used in 6-color mode.

Creative inkjet technology and high quality ink provides ultra-high resolution printing



Create ultra-high resolution print
Piezo inkjet system

Precise control of ink firing reproduces details of photo image at a maximum resolution of 1,440 dpi. Even edges of 4-point text are printed sharp and clear.

Image of variable dot

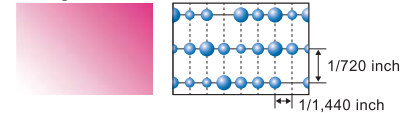
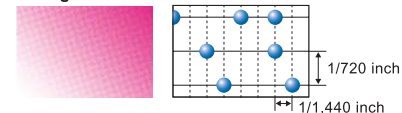
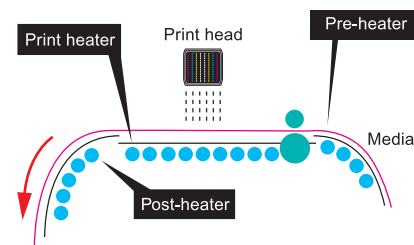


Image of non-variable dot



4-color mode realizes non-grainy finish
Variable dot technology

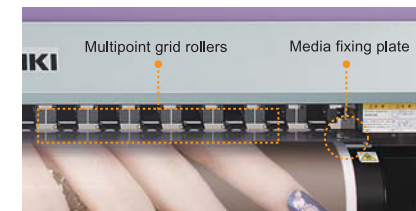
By producing dots in three different sizes, smooth high resolution graphics are created without a grainy appearance. Even at high speed and in low resolution mode high quality printing is possible.



Ink performance is improved
Triple stage intelligent heater

A triple stage intelligent heater automatically heats up the media to the appropriate temperature, thus improving the performance of ink. A newly mounted Post-heater quickens drying time and thus enables a fast take-up of the media.

Additional features and benefits to improve operation performance



Drying speed is increased
Automatic drying fan (option)



Drying speed can be improved with the use of a post-heater. The take-up reel can be used even when printing at high speed, improving efficiency and work flow.

Provides stable media feed by use of a multi-point grid roller system

Securely holds media in place for more accurate and secure media feed. This works especially well for long prints.

Head height can be adjusted, assuring a constant quality image

Head height can be adjusted to either 2mm or 3mm according to the media thickness.

Comfortable, odor-less work environment
Exhaust vents to help ventilating working spaces more effectively (option)



Exhaust fans



Exhaust ducts



Exhaust curtain

Exhaust-fans attached to the front and exhaust-ducts on the back help removing fumes effectively. A curtain attached to the front of the machine reduces the spread of printing exhaust and help removing fumes effectively.