

# Sophisticated RIP maximizes the performance of JV33 Series.

New generation of output software with 16 bit rendering



- Smooth gradation with less tone jump is achieved with 16 bit rendering
- Versatile editing functions such as tiling, trimming, scaling and rotating are provided
- The web update function easily provides both software updates and profile downloads
- Multiple images can be nested freely in the RIP
- The software works in mixed Windows/Macintosh network environment

**JV33 Series**  
JV33-130 / JV33-160

## Specifications

Item	JV33-130	JV33-160
Print head	On-demand Piezo head (180 nozzles x 8 lines) x 1 head	
Maximum printing width	1,361 mm (53.5")	1,610 mm (63.3")
Printing resolution	540, 720, 1440 dpi	
Print Mode (Scan x Feed)	540 x 720 dpi, 540 x 900 dpi, 540 x 1080 dpi	
	720 x 540 dpi, 720 x 720 dpi, 720 x 1080 dpi, 720 x 1440 dpi	
	1440 x 1440 dpi	
Ink	Type	Exclusive solvent ink: ES3 ink, SS21 ink
		Exclusive aqueous pigment ink
		Exclusive dye sublimation ink: Sb52 ink, Sb53 ink
Capacity		4-colour mode: 440 cc cartridge x 2/colour, 880 cc/colour
		6-colour mode: 440 cc cartridge x 1/colour, 440 cc/colour
		8-colour mode: 440 cc/colour (CMYKcLm), 220 cc/colour (W & Si)
Media	Size	1,371 mm (53.9") / 1,620 mm (63.9")
	Roll weight	Less than 25 kg (55.1 lbs.)
	Printing 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	USB 2.0	
Applicable standard	VCCI Class A, FCC Class A, UL 60950-1	
	CE Marking (EMC Directive, low voltage directive), CB report	
Power	AC 100 ~ 120V ± 10%, AC 220 ~ 240V ± 10%, 50/60 Hz ± 1 Hz	
Power consumption	Less than 1,440 VA	
Operating environment	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 1,424 mm (90.1" x 29.1" x 56.1")	2,538 X 739 X 1,424 mm (99.9" x 29.1" x 56.1")
Weight	145 kg (320 lbs.)	160 kg (353 lbs.)

## Options

Item	Item No.
MBIS (Mimaki Bulk Ink System)	OPT-J0210
Drying and exhaust unit 130	OPT-J0129
Drying and exhaust unit 160	OPT-J0130



1. Drying fan 2. Exhaust fans 3. Rear fans 4. Exhaust curtain  
"Drying and exhaust unit" includes all of 1, 2, 3, and 4.

## Supplies

Item	Item No.
SS21 Solvent ink	440 cc SPC-0501 Y/M/C/K/LM/LC
	220 cc SPC-0504 Y/M/C/K/LM/LC
ES3 Eco solvent ink	440 cc SPC-0440 Y/M/C/K/LM/LC
	220 cc SPC-0443 W/Si
Aqueous pigment ink	220 cc SPC-0494 Y/M/C/K/LM/LC
Sb52 dye sublimation ink	440 cc SPC-0584 NK/K/RK/BL/M/Y/LBL/LM
	2 litre* SPC-0585 NK/K/RK/BL/M/Y/LBL/LM
Sb53 dye sublimation ink**	440 cc SB53-XX-44-1 (XX = BL / M / Y / K / LBL / LM)
	2 litre* SB53-XX-2L-1 (XX = BL / M / Y / K / LBL / LM)
Wiper kit 33S	10 pcs SPA-0134
Waste ink bottle (2L)	1 pc SPA-0117
Cutter blade assy	1 pc SPA-0107
MS cleaning cartridge	220 cc SPC-0294
Head cleaning cartridge	220 cc SPC-0188S

\* 2 litre ink packs can be used with the bulk ink system  
\*\* Sb52 ink has three types of black ink: Normal black (NK), Deep black (K) and Reddish black (RK)



**Affordable wide format inkjet printer ...**

• 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

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SIGN & GRAPHICS

**Mimaki**

The world imagines... Mimaki delivers





# Entry level large format high-performance outdoor durable printer

Mimaki's award-winning JV33 range of 1.3m and 1.6m wide outdoor durable inkjet printers delivers the most complete and competitive machine package for the sign and graphics professional. Offering a superb mix of high quality output, high speed printing, and user-friendly operation at an affordable price, the JV33 provides the best return on your investment.

## JV33 series delivers ...

- Fast printing speeds up to 17.5m<sup>2</sup> per hour
- High quality print resolution of up to 1440 dpi
- Two different printing widths: 136 cm and 161 cm
- White ink for printing on transparent or coloured substrates
- Silver ink to create stunning metallic effects, such as gold and bronze.
- Continuous unattended operation with UISS and MBIS

**DYE SUBLIMATION or SOLVENT INK**

**2 PRINT WIDTHS AVAILABLE**

**1440 DPI MAX RESOLUTION**

**4/6/8 COLOUR MODES**

**17.5 m<sup>2</sup>/h MAX. SPEED**

**WHITE & SILVER INK CAPABILITY**



**Create ...** Backlit signage, Floor & Window graphics, Labels, Posters, Vehicle wraps, Stickers & transfer print to polyester-based materials for Flags, Soft signage, Sportswear, T-shirts and much more...

## KEY TECHNICAL FEATURES ...

### Ultra-high resolution and high speed printing

**High speed print head for excellent performance**  
With its increased print head accuracy, the JV33 delivers truly high quality print of 1440 dpi. In addition, the improved ink firing frequency has increased the print speed by 30% over the JV3 series.



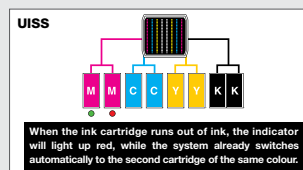
### Print Speed

Model	High speed mode 540 x 720 dpi 4 pass Bi-directional	Standard mode 540 x 1080 dpi 6 pass Bi-directional	High quality mode 720 x 1440 dpi 8 pass Bi-directional
JV33-160	4 colour 4 pass 17.5	6 pass 11.9	8 pass 7.4
	6 colour 8 pass 9.0	12 pass 6.1	16 pass 3.4
JV33-130	4 colour 4 pass 16.7	6 pass 11.4	8 pass 7.1
	6 colour 8 pass 8.6	12 pass 5.8	16 pass 3.2

(unit : m<sup>2</sup>/hour)

### Continuous unattended operation with UISS & MBIS

**Uninterrupted Ink Supply System (UISS)**  
The JV33 utilises two cartridges per colour in 4-colour mode. When one cartridge runs out of ink, the system switches automatically to the second cartridge of the same colour, enabling long unattended printing.

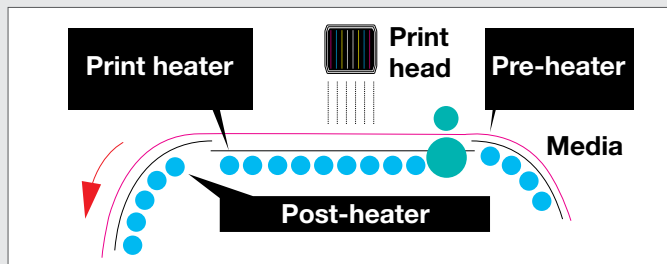


**Mimaki Bulk Ink System (MBIS)**  
The optional, eco-friendly bulk ink system produces less waste, while achieving continuous printing. The optional 2-litre ink packs delivers the same quality and reliability as with normal cartridges.



### Triple stage intelligent heater

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



### Four types of inks available

The two solvent inks feature high scratch resistance, high density, and wide colour gamut. You may also select aqueous pigment ink or dye sublimation ink at the time of installation.

Aqueous Ink	Solvent Ink
<b>TP</b> <b>TEXTILE PIGMENT INK</b> Pigment ink which has high light fastness and can reproduce vivid and delicate colour tones.	<b>SO</b> <b>SOLVENT INK</b> <b>SS21 solvent ink</b> Fast drying ink provides the ability of printing on various types of media with high scratch resistance.
<b>SB</b> <b>SUBLIMATION INK</b> Fast drying and high density ink for sublimation transfer to polyester substrates.	<b>ES</b> <b>ECO SOLVENT INK</b> <b>ES3 eco-solvent ink</b> Virtually odourless and user-friendly ink that does not require any special ventilation.

For both SS21 ink and ES3 ink → **W** **WHITE INK**

For ES3 ink only → **M** **METALLIC INK**