

JV33 Series
JV33-130 / JV33-160



Affordable wide format inkjet printer ...



**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.

ENGINEERING EXCELLENCE AND CREATIVE INNOVATION

Founded in Japan in 1975, Mimaki Engineering has steadily grown by reputation and influence into a global company with large operational bases in Asia and the Pacific, United States and Europe.

Renowned for award-winning performance, peerless build quality and innovative technology, Mimaki has established itself as a leading manufacturer of wide-format inkjet printers and cutting machines for the sign and graphics, textile and apparel and industrial markets. In addition, Mimaki also provides a comprehensive range of supporting products; hardware, software and associated consumable items, such as inks and cutting blades.

From outdoor signage and billboards to interior decoration and furnishing, from packaging and labels to promotional gifts and apparel, Mimaki is committed to developing technology that sets new industry standards, producing machines and products that turn the imagination of our customers into breath-taking reality.

... Mimaki delivers

JV33 series delivers ...

- Fast printing speeds up to 17.5m² 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 m²/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.

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	
		4 colour	8 pass	6 pass	11.9	8 pass	7.4
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 : m²/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
 TEXTILE PIGMENT INK Ink which has high light fastness and can reproduce vivid and delicate colour tones.	 SOLVENT INK SS21 solvent ink Fast drying ink provides the ability of printing on various types of media with high scratch resistance.
 SUBLIMATION INK Fast drying and high density ink for sublimation transfer to polyester substrates.	 ECO SOLVENT INK ES3 eco-solvent ink Virtually odourless and user-friendly ink that does not require any special ventilation.

WHITE INK
For both SS21 ink and ES3 ink

METALLIC INK
For ES3 ink only

Sophisticated RIP maximizes the performance of JV33 Series.

New generation of output software with 16 bit rendering



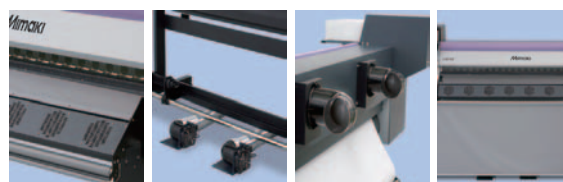
- Smooth gradation with less tone jump is achieved with 16 bit rendering
- Versatile editing functions such as tiling, trimming, scaling and rotating are provided
- The web update function easily provides both software updates and profile downloads
- Multiple images can be nested freely in the RIP
-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

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 (CMYK/LcLm), 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)	JV33-130/160	OPT-J0210
Drying and exhaust unit 130	JV33-130	OPT-J0129
Drying and exhaust unit 160	JV33-160	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)

• 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 • Compositor's errors reserved

Mimaki is exclusively distributed in the UK & Ireland by:

Hybrid Services Ltd

N° 3, Gateway, Crewe, Cheshire. CW1 6YY

01270 501 900

info@hybridservices.co.uk

www.hybridservices.co.uk

@HybridServices

facebook.com/HybridServicesLtd

hybrid
Mimaki Exclusive Distributors

Mimaki

www.mimakieurope.com info@mimakieurope.com @MimakiEurope

Mimaki Europe B.V. Stammerdijk 7E, 1112 AA Diemen, The Netherlands Tel: +31 (0)20 4627640