JV33 Series
JV33-130 / JV33-160

Mimaki

INNOVATION *Mimaki* *** STYLE ***

WHITE INK

SILVER INK

SOLVENT
DYE SUB

2 SIZES AVAILABLE

1440 DPI

4/6/8 COLOURS

17.5 M²/H TOP SPEED

11.9 M²/H STANDARD

White Ink
Silver Ink

Unattended
Printing

Award winning wide format printer, the JV33 Series

Superior Performance, Best Return on Investment

1,361 mm*
JV33-130

1,610 mm*
JV33-160

* Maximum printing width

MARKET
SIGN GRAPHICS

High quality and high speed. Ultimate cost performance achieved by JV33 Series.

Available in two sizes (137 and 162 cm), the award winning JV33 Series offers a superb mix of high quality output, high speed printing, and user friendly operation at an affordable price, achieving the ultimate cost performance.

Ultra-high resolution and high speed printing

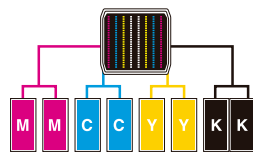### High speed print head for excellent performance

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^2/hour)

Unattended continuous 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

Uninterrupted Ink Supply System (UISS)

UISS for continuous printing is standard on JV33. The JV33 can utilize two cartridges per colour in 4-colour mode. When an ink cartridge runs out, another cartridge begins supplying ink and helps prevent running out of ink. A maximum of 880 cc ink per colour can be loaded at one time. Ink cartridges can be changed during printing.

* UISS cannot be used in 6-colour and 8-colour mode.

Mimaki Bulk Ink System (MBIS)
for high volumes and lower ink costs (option)

The bulk ink system is an eco-friendly ink system that produces less waste while achieving continuous printing. It uses 2-litre ink packs and achieves as stable and reliable ink ejection as printing solely with cartridges. It is possible to use both 2-litre ink packs in combination with regular 220/440 cc cartridges.

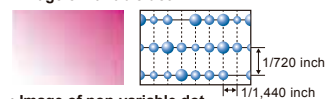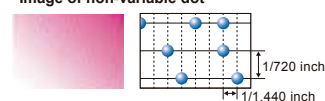## State of the art inkjet technology

• Image of variable dot

1/720 inch
1/1,440 inch

• Image of non-variable dot

1/720 inch
1/1,440 inch

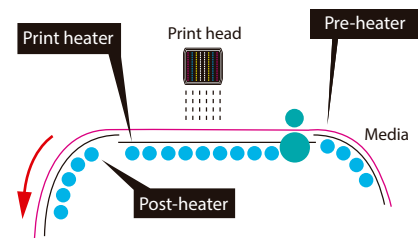Print heater   Print head   Pre-heater

Media

Post-heater

Piezo Inkjet system

Precise control of ink firing reproduces details of photo image at a maximum resolution of 1440 dpi. Even edges of 4-point text are printed sharp and clear.

Variable dot technology

By producing dots in three different sizes, smooth high resolution graphics are created without grainy appearance.

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.

Wide Format Printer of The Year

The JV33 Series was chosen by the European Digital Press association as "the best wide format solvent printer up to 1.6 m of 2008".

Various inks for wider range of graphics

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
Pigment ink Ink which has high light fastness and can reproduce vivid and delicate colour tones.	**SS21 solvent ink** Fast drying ink provides the ability of printing on various types of media with high scratch resistance.
Dye sublimation ink Fast drying and high density ink for sublimation transfer to polyester substrates.	**ES3 eco-solvent ink** Virtually odorless and user-friendly ink that does not require any special ventilation.

For both SS21 ink and ES3 ink → White Ink

For ES3 ink only → Silver ink

White Ink
Producing more vivid graphics

The "White Ink Overlay Print", Mimaki's exclusive innovation, allows for simultaneously white and full colour printing on transparent or opaque substrates, as well as realizes a beautiful finish with accurate overlay.

6-colour print

6-colour + white ink print → White Ink

Silver ink
Stunning metallic effects

Shining silver colour gives your prints a metallic appearance. In combination with standard full colours, bronze and gold and other metallic colours can be printed.

Silver ink is used in 8 colour mode only.

C M Y K Lc Lm W Si

Wide range of applications*

Solvent ink

Backlit signs, floor graphics, labels, posters, vehicle wrap, high quality stickers, window signage.

Dye sublimation ink

Transfer printing on polyester based materials: flags, hanging displays, roll screen, soft signage, sportswear and t-shirts.

Aqueous pigment ink

Indoor graphics.

* Choose either solvent or aqueous ink at the time of installation.

Stable print quality

Head height adjustment

Head height can be adjusted to either 2 mm or 3 mm according to the media thickness. For the aqueous ink model, head height adjustment of either 4 mm or 5 mm* is available.

* Adjustment by technician is required.

Mimaki's ultimate Print & Cut solutions

Create an efficient print and cut combination with a CG Series cutting plotter.

Sizes: 75 - 160 cm

The CJV30 Series offers printing and cutting in one machine.

Sizes: 60 - 160 cm

Specifications

Item	Specifications	
	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	
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 (CMYKLcLm), 220 cc/colour (W & Si)	
Media / Size	1,371 mm (53.9")	1,620 mm (63.9")
Media / Roll weight	Less than 25 kg (55.1 lbs.)	
Media / Printing surface	Face out	
Media / 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: 20ºC ~ 35ºC (64 ~ 95ºF), 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.)

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-0584NK/K/RK/BL/M/Y/LBL/LM
	2 litres*	SPC-0585NK/K/RK/BL/M/Y/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)

Option

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.

JV34-260 Super Wide Format Inkjet Printer

Increased productivity and high print quality at an accessible price

- Max. resolution of 1440 dpi
- 30 m²/h (540 x 720 dpi)
- Print width: 2,632 mm
- Best price for its features
- Newest print head technology
- Solvent or dye sublimation model