

***JV34-260***



**Super wide format inkjet printer ...**



SIGN &  
GRAPHICS

**Mimaki**

The world imagines... Mimaki delivers



the power to

create...



## Super wide 2.6m outdoor durable production printer

Designed to extend the scope of outdoor durable printers the JV34-260 enables print producers to increase their product range, extend their capabilities and develop new business opportunities with the new machines unprecedented combination of speed and high definition print quality – and all in super wide format up to 2.6 metres wide.

### JV34-260 delivers ...

- Super wide format printing (up to 2.6m)
- Production quality output at up to 29.9m<sup>2</sup> per hour
- Choice of ink types including outdoor durable low solvent and dye sublimation
- 4 or 6 colour printing
- Continuous unattended printing

<b>SOLVENT OR DYE SUB INKS</b>
<b>29.9 m<sup>2</sup>/h MAX. PRINT SPEED</b>
<b>1440dpi MAX. RESOLUTION</b>
<b>2632 mm MAX. PRINT WIDTH</b>
<b>4 / 6 COLOUR PRINT</b>
<b>UNATTENDED CONTINUOUS PRINTING</b>

### JV34-260



#### 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.

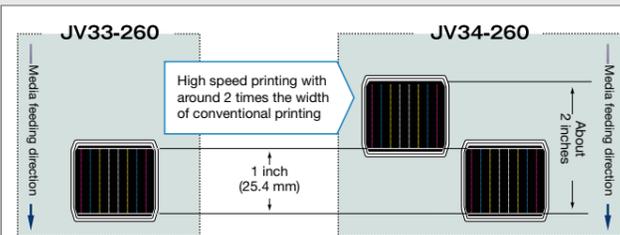
... Mimaki delivers

**Create ...** Banners, Backlit signs, Flags and all types of soft signage, Exhibition and Display Graphics, Retail PoS and much more...

### KEY TECHNICAL FEATURES ...

#### High Speed Printing up to 30m<sup>2</sup>/h (70% faster than JV33-260)

Two newly developed high tech print heads in staggered arrangement achieve a maximum speed of 30 m<sup>2</sup>/h. Benefit from a fast return on investment due to increased productivity and a very accessible price.



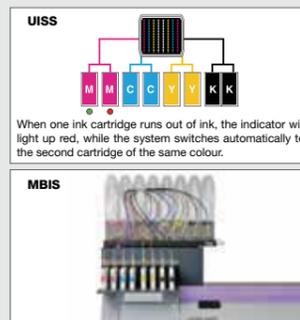
#### Continuous unattended operation with UISS & MBIS

##### Continuous ink supply

Mimaki's UISS(\*2) provides continuous ink supply. When one ink cartridge runs out of ink, the system switches automatically to the second cartridge of the same colour, enabling long unattended printing. Optional MBIS(\*3) 2 litre containers with UISS reduces environmental footprint even further.

**Continuous and stable media conveying**  
Media up to a roll weight of 100 kg is securely controlled. Mimaki's AMF(\*1) maintains optimum tension even on long jobs. Smaller media are supported by the standard-fit, small take-up device enabling full control of all substrate sizes.

\*1 AMF (Automatic Media Feeder) \*2 UISS (Uninterrupted Ink Supply System) \*3 MBIS (Mimaki Bulk Ink System)

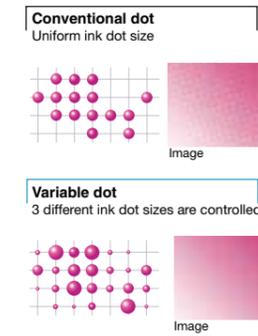
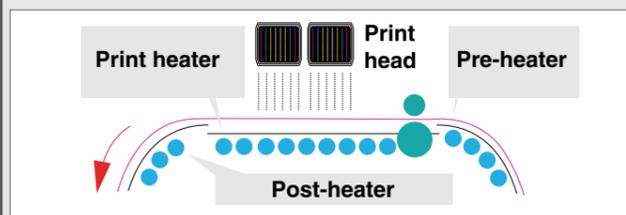


#### 3 stage heater

A triple stage heater; before, during, and after printing, improves ink performance and enables fast drying for high speed printing.

#### Automatic drying fan

In combination with the 3 stage heater, an automatic drying fan ensures that even at high speeds thorough drying of all media allows immediate wind-up of media.



#### Variable dot technology

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

#### Head height adjustment

Head height can be adjusted to either 2 or 3 mm according to the media thickness. For sublimation printing, head height adjustment of either 3 or 4 mm is available(\*4).

\*4 Adjustment needs to be carried out by service personnel.

# Sophisticated RIP maximizes the performance of JV34-260.

New generation of output software with 16 bit rendering



- Smooth gradation with less tone jump is achieved with 16 bit rendering.
- Versatile 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.
- software works in mixed Windows/Macintosh network environment.

## Specifications

Item	JV34-260	
Print head	On-demand Piezo head (array of 2 staggered print heads)	
Maximum printing width	2,632 mm	
Print resolution	540, 720, 1440 dpi	
Print speed	High speed	29.9 m <sup>2</sup> /h (540 x 720 dpi, 4 pass, bi-directional)
	Standard	21.4 m <sup>2</sup> /h (540 x 1080 dpi, 6 pass, bi-directional)
	High quality	13.2 m <sup>2</sup> /h (540 x 1440 dpi, 8 pass, bi-directional)
Ink	Solvent ink	SS21: 4 / 6 colours (C/M/Y/K/Lc/Lm)
	Sublimation ink (*)	Sb52: 4 colours (BL/M/Y/NK)      Sb53: 4 / 6 colours (BL/M/Y/K/LBL/LM)
	Ink supply system	4-colour mode 440 ml ink cartridge : 2 x per colour (880 ml ink/colour) MBIS (2 litre ink container) : 2 x per colour (4 litre ink per colour)  6-colour mode 440 ml ink cartridge : 1 x per colour (440 ml ink/colour) MBIS (2 litre ink container) : 1 x per colour (2 litre ink per colour)
Media	Size	210 mm ~ 2,642 mm      210 mm ~ 1,620 mm (narrow take-up device)
	Weight	100 kg      25 kg (narrow take-up device)
	Roll diameter	250 mm      180 mm (narrow take-up device)
	Roll inside diameter	3 inch      2 - 3 inch (narrow take-up device)
	Print aspect	Inside/outside
Media cutting	Cutting on Y direction by cutter at the head	
Media heater	Triple stage intelligent heater (Pre/Print/After)	
Media dryer	Post-heating and automatic drying fan	
Interface	USB 2.0	
Applicable standard	VCCI class A, FCC class A IEC60950 CE Marking (EMC pass, voltage and machine), CB Report	
Power specification	AC 100 ~ 120V ± 10%, AC 220 ~ 240V ± 10%, 50/60 Hz ± 1 Hz	
Power consumption	2 x Less than 1,440W	
Operating environment	Temperature: 20°C ~ 35°C, Humidity: 35 ~ 65%Rh (no condensation)	
Dimensions (W x D x H)	3,650 x 1,302 x 1,424 mm	
Weight	465 kg	

\* 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

## Options

Item	Item No.
MBIS (Mimaki Bulk Ink System)	OPT-J0242
Rear fan unit 260	OPT-J0206
LED unit 260	OPT-J0207
Static-cling prevention sheet kit 260	OPT-J0209

\*1 : 2 litre ink packs can be used with the bulk ink system.

## Supplies

Item	Item No.	
SS21 Solvent ink	440 ml	SPC-0501 C-2 / M / Y / K-2 / Lc / Lm
	2 litre (*)	SPC-0588 C-2 / M / Y / K-2 / Lc / Lm
Sb52 dye sublimation ink	440 ml	SPC-0584 BL-2 / M / Y / NK
	2 litre (*)	SPC-0585 BL-2 / M / Y / NK
Sb53 dye sublimation ink	440 ml	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 piece	SPA-0117
Cutter blade assy	1 piece	SPA-0107
MS cleaning cartridge	220 ml	SPC-0294
Head cleaning cartridge	220 ml	SPC-0188S



SOLVENT  
INK

SS21  
Solvent ink  
Superior adhesion to  
media and resistance  
characteristics paired  
with brilliant colour  
reproduction for high  
speed printing.



SUBLIMATION  
INK

Sb52 / Sb53  
Dye sublimation ink  
Suitable for printing  
on transfer paper for  
polyester substrates.  
Its high density results  
in excellent and  
outstanding coloration  
of the final product.

**Celupal**

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