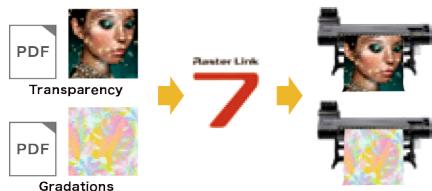


**NEW!** Supports operability and the fineness of print-outs

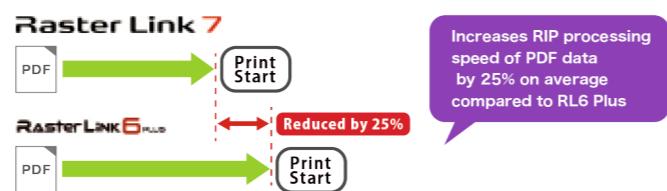
## 1 PDF data with a lot of special effects embedded



## 3 Variable print function



## 2 Increases RIP processing speed of PDF data by 25% on average



## 4 Easy-to-check displays



### ■ Print speed

PVC 4C		PVC 8C		Tarpaulin 4C		Tarpaulin 8C		
Print mode	Print speed(m/h)	Print mode	Print speed(m/h)	Print mode	Print speed(m/h)	Print mode	Print speed(m/h)	
Draft	720x600 4P Bi Hi	27.4	Draft	720x600 4P Bi Hi	13.7	Super Draft	300x600 2P Bi Std	
High Speed	720x600 6P Bi Hi	20.0	High Speed	720x600 6P Bi Hi	10.0	Draft	300x900 3P Bi Std	
Standard ①	720x900 8P Bi Hi	15.5	Standard ①	720x900 8P Bi Hi	8.4	High Speed	720x600 4P Bi Hi	
Standard ②	720x1200 12P Bi Hi	11.3	Standard ②	720x1200 16P Bi Hi	5.0	Standard ①	720x600 6P Bi Hi	
High Quality	1200x1200 12P Bi Hi	8.8	High Quality	1200x1200 16P Bi Hi	3.3	Standard ②	720x900 8P Bi Hi	
				Standard ②	720x900 8P Bi Hi	15.5	Standard ②	720x900 8P Bi Hi
				Standard ②	720x1200 12P Bi Hi	11.3	High Quality	720x1200 12P Bi Hi
							5.6	

### ■ Specifications

Item	JV100-160	
Print head	On-demand piezo head (2 staggered layout)	
Printing resolution	360 dpi, 600 dpi, 720 dpi, 900 dpi, 1200 dpi	
Ink	Type/Color	Eco-solvent ink AS5/SS21 (C,M,Y,K,Lc,Lm,Or,Lk)
	Capacity	600 ml / 2L ink pack
Maximum drawing	1,610 mm (63 in)	
Media	Maximum width	1,620 mm (64 in)
	Thickness	1 mm or lower
	Roll diameter	φ250 mm or less
	Roll weight	45kg (99 lb) or less
Interface	USB2.0 / Ethernet 1000BASE-T	
Power	Single-phase (AC100-120V±10% / AC200-240V±10%) x2, (50/60Hz±1Hz) x2	
Power consumption	AC100V:1.44 kw x2 or less/AC200V:1.92 kw x2 or less	
Operational environment	Temperature: 20-30 degC (68-86 degF) Humidity: 35-65%Rh (without condensation)	
Dimensions (WxDxH)	2,775 x 700 x 1,392 mm (109 x 28 x 55 in)	
Main unit weight	166 kg (366 lb)	

### Ethernet supported!

Create a free and efficient working environment



Ex.  
Print data editing on an office PC  
to send the data to print directly  
to a printer at the work site

### ■ Supplies

Item	Color	Item code	Remarks
Eco-solvent ink SS21 GREENGUARD Gold certified ink	Cyan	SS21-C-60	600ml Ink pack
	Magenta	SS21-M-60	
	Yellow	SS21-Y-60	
	Black	SS21-K-60	
	Light Cyan	SS21-LC-60	
	Light Magenta	SS21-LM-60	
	Orange	SS21-OR-60	
	Light Black	SS21-LK-60	
	Cyan	SPC-0588C	
	Magenta	SPC-0588M	
	Yellow	SPC-0588Y	
	Black	SPC-0588K	
	Light Cyan	SPC-0588LC	
	Light Magenta	SPC-0588LM	
Eco-solvent ink AS5	Orange	SPC-0588Or	
	Light Black	SPC-0588Lk	
	Cyan	AS5-C-60	600ml Ink pack
	Magenta	AS5-M-60	
	Yellow	AS5-Y-60	
	Black	AS5-K-60	
	Light Cyan	AS5-LC-60	
	Light Magenta	AS5-LM-60	
	Orange	AS5-OR-60	
	Light Black	AS5-LK-60	
	Cyan	AS5-C-2L	
	Magenta	AS5-M-2L	
	Yellow	AS5-Y-2L	
	Black	AS5-K-2L	
MS Cleaning cartridge	Light Cyan	AS5-LC-2L	2L Ink pack
	Light Magenta	AS5-LM-2L	
	Orange	AS5-OR-2L	
	Light Black	AS5-LK-2L	
	Cyan	SPC-0294	
	Magenta	OPT-J0364	
220ml Ink cartridge		Ecocase, Mid cartridge, Tube (8pcs/each)	

GREENGUARD Gold: Applicable products to this "GREENGUARD Gold certification" are acceptable for use in environments such as schools and medical facilities based on the most strict global standard of chemical substance diffusion. The MBIS III is required for using 2L ink pack.

For  
SIGN  
GRAPHICS

Roll to Roll Eco-solvent Inkjet Printer

JV100-160

MIMAKI™



Viswanath Enterprises

Inks

Medias

Printers

Parts

With 100% Service Support

Expert printing made easy.



●Some examples shown in this catalog are artificial renderings. ●Specifications, designs and dimensions shown in this catalog may be subject to change without notice for technical improvements. ●The corporate and merchandise names in this catalog are the trademarks or registered trademarks of the respective corporations. ●Inkjet printers use extremely fine dots, so colors may vary slightly after replacement of print heads. ●Also note that when using multiple printer units, colors could vary slightly from one unit to another due to slight individual differences. ●Please note that descriptions and data in this catalog are as of December 2020.

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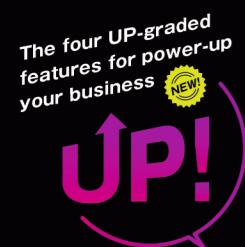
**Mimaki**  
Green Technology



# JV100-160 Expert printing made easy.

The JV100-160 is a new inkjet printer designed based on Mimaki's "high image quality" and "reliability" technology, an expert in inkjet printers for sign graphics, with an emphasis on ease of use and high operability.

All the superior technologies mounted to the JV100-160, such as a new function of DAS that automatically makes adjustments when changing media, the new RasterLink7 RIP software that makes work faster and significantly reduces processing time, and the newly developed AS5 ink with high drying performance will back up your business.



<b>DAS</b> Auto-adjustment of dot position and media feed amount correction by printer	<b>Function for the high image quality UP!</b>	<b>Speed UP!</b>	<b>Drying property UP!</b>	<b>Reproducibility Ease of use UP!</b>
Faster print of high-quality images <b>27.4 m<sup>2</sup>/h</b> Print mode: by 4C 720x600 dpi (Tarpaulin)	New type Eco-sol ink Mimaki original <b>AS5</b>	Mimaki original Raster Link <b>7</b>		



## **DAS (Dot Adjustment System)**

The function to adjust automatically the dot position and the feed amount that affect print quality as the standard equipment.

After changing a media and a printing condition, the ink dot position and media feeding amount must be adjusted accordingly. Since DAS automatically applies them, printing can be performed without labor and variation of adjustment by the operator (\*1).

\*1 : Some media cannot be automatically applied.

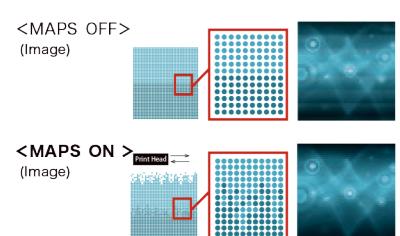


## **MAPS4**

## **NCU/NRS**

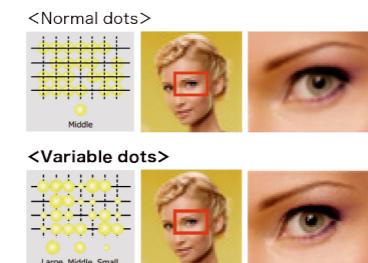
### "MAPS4" supported (Mimaki Advanced Pass System) Banding reduction function

By printing the border of the path in a gradation tone, banding (horizontal stripes), uneven color, and glossy stripes are reduced to achieve smooth printing.



### Minimum ink size 4pl Beautiful print of less granularity feeling

Three different ink dot sizes are used in printing to enable high-quality print with reduced granular feeling.



Dots are combined with the minimum size of 4pl to enable smooth color printing with less granular feeling.

### DAS

It is the function to print a dedicated pattern to the media and read by the sensor mounted on the carriage to adjust automatically:

- Dot position (Dot jetting position at the bi-direction)
- Feeding amount (Media feeding amount)

Reduces the load of media adjustment for each media exchange and leads to beautiful prints

## **Print Speed**

Print Speed High-speed mode: 720x600 dpi

**Glossy PVC 20.0 m<sup>2</sup>/h Tarpaulin 27.4 m<sup>2</sup>/h**

Prints out **180% faster** than JV150\*



\*Comparison at 6 pass 4-Color printing at the similar resolution range as JV150

PVC	Draft	27.4 m <sup>2</sup> /h
4C	720x600 4P Standard	15.5 m <sup>2</sup> /h
C M Y K	720x900 8P	
8C	Draft 720x600 4P Standard	13.7 m <sup>2</sup> /h
C M Y K LC LM LK Or	720x1200 16P	5.0 m <sup>2</sup> /h

Tarpaulin	Super Draft	62.9 m <sup>2</sup> /h
4C	360x600 2P Standard	20.0 m <sup>2</sup> /h
C M Y K	720x600 6P	
8C	Super Draft 360x600 2P Standard	31.5 m <sup>2</sup> /h
C M Y K LC LM LK Or	720x900 8P	8.4 m <sup>2</sup> /h

Beautiful × Speedy × Eco-friendly  
Eco-solvent ink of well balanced in every respect

## **Ink**

### **Mimaki's newly developed Eco-sol ink AS5**

The AS5 is Mimaki's newly developed ink with high quality and safety which features high drying properties.

Since the ink evaporates quickly after printing, it prevents blocking during winding and reproduces the details perfectly without impairing the detailed depiction in images with a large amount of ink.



• Reddish gray  
• Skin expression with granularity

Mimaki's reliable & long-seller,  
SS21 ink can be installed.

Either 4C or 8C of AS5 or SS21 ink can be installed and the 8C ink set consists of CMYKLCm plus Light black and Orange, which enables extremely beautiful and vivid color expression and sharp, high-definition printing.

By using Light black, it is possible to faithfully reproduce monochrome data without color transfer on a gray scale, human skin without graininess, and gradation expression without tone jump.

#### ■ Color comparison



"Eco-Cartridge", an eco-friendly reusable ink cartridge is prepared for AS5 and SS21 ink.

The "Eco Cartridge" is a reusable plastic case to be able to replace an internal ink pack. It aims to lighten the burden on the environment by reducing plastic waste.



The SS21 gained the certification of "GREEN GUARD Gold", based on most strict global standard of chemical substance diffusion. It assures the product property conforms to schools and medical facilities. This ink minimizes the emission of chemical substances in the indoor space and reduces the burden on the global environment.

