

The newly developed software RIP with user-friendly operation and high functionality



It would mean nothing to provide high-performance software with a variety of useful functions if the software itself is too difficult and complicated to use...

The newly developed RasterLink software was designed to be extremely user-friendly with this idea in mind. With a wide variety of newly added features, RIP software, software for people of all ages and backgrounds, now encompasses a perfect package with all of the features needed to reproduce beautiful full-color finishes in high definition with the easiest set of controls to use to navigate with!!

Web update function is supported

Supports the Web update function that has been well-received in RasterLinkPro5. Program update and profile download can be easily performed via internet.

Item		JV150-130	JV150-160	
Printhead		On-demand piezo head		
Print resolution		360 dpi, 540 dpi, 720 dpi, 1,080 dpi, and 1,440 dpi		
Maximum print width		1,361 mm (53.5 in)	1,610 mm (63.3 in)	
Maximum media width		1,371 mm (53.9 in)	1,620 mm (63.7 in)	
Ink	Type/Color	Eco-solvent ink SS21 (C, M, Y, K, Lc, Lm, Lk, Or) BS3 (C, M, Y, K) only available in emerging countries Water-based sublimation ink Sb53 (Bl, M, Y, K, DK, LBI, Lm)		
	Package size	SS21: 440 ml Ink cartridge/2 L Ink pack*1.2 BS3: 600 ml Ink pack/2 L Ink pack*2 Sb53: 440 ml Ink cartridge/2 L Ink pack*2		
Media thickness		1.0 mm or less		
Rolled media weight		40 kg (88 lb) or less		
Certifications		VCCI class A / FCC class A / ETL (UL 60950) CE Marking (EMC, Low voltage, and Machinery directive) / CB / RoHS REACH and Energy Star / RCM		
Interface		USB 2.0, LAN for E-mail notification function		
Power supply		Single-phase (AC100–120V / AC220–240V)		
Power consumption		1,440Wx1 or less (at AC 100V system) 1,920Wx1 or less (at AC 200V system)		
Operational environment		Temperature: 20–30°C (68–86°F), Humidity: 35–65% Rh (Non condensing)		
Dimensions (W x D x H)		2,495 mm × 700 mm × 1,445 mm (98 in × 28 in × 57 in)	2,745 mm × 700 mm × 1,445 mm (108 in × 28 in × 57 in)	
Weight		160 kg	185 kg	

- *1: White is provided in 220 ml lnk cartridge only.
- *2: Optional MBIS3 (Mimaki Bulk Ink System3) is required for using 2 L Ink pack.

Supplies

	Item	Color	Item No.	Remarks	
	SS21	Cyan	SPC-0501C	440 ml lnk cartridge	
		Magenta	SPC-0501M		
7		Yellow	SPC-0501Y		
		Black	SPC-0501K		
7		Light Cyan	SPC-0501LC		
		Light Magenta	SPC-0501LM		
		Orange	SPC-0501Or		
		Light Black	SPC-0501Lk		
		Cyan	SPC-0588C		
		Magenta	SPC-0588M		
		Yellow	SPC-0588Y		
		Black	SPC-0588K	2,000 ml lnk pack	
_		Light Cyan	SPC-0588LC	2,000 111 1111 Paon	
_		Light Magenta	SPC-0588LM		
_		Orange	SPC-0588Or		
		Light Black	SPC-0588Lk		
	BS3	Cyan	SPC-0667C		
		Magenta	SPC-0667M	000 111	
\dashv		Yellow	SPC-0667Y	600 ml lnk pack	
\dashv		Black	SPC-0667K		
4		Cyan	SPC-0693C		
		Magenta	SPC-0693M	2,000 ml lnk pack	
\dashv		Yellow	SPC-0693Y	2,000 mi mk pack	
\dashv		Black	SPC-0693K		
	Sb53	Blue	SB53-BL-44		
\dashv		Magenta	SB53-M-44		
		Yellow	SB53-Y-44	440 ml Ink cartridge	
		Black	SB53-K-44		
		Deep Black	SB53-DK-44		
		Light Blue	SB53-LBL-44		
		Light Magenta	SB53-LM-44		
		Blue	SB53-BL-2L		
		Magenta	SB53-M-2L		
		Yellow	SB53-Y-2L		
		Black	SB53-K-2L	2,000 ml lnk pack	
		Deep Black	SB53-DK-2L		
		Light Blue	SB53-LBL-2L		
		Light Magenta	SB53-LM-2L		

•Some of the samples in this catalogue are artificial renderings. •Specifications, design and dimensions stated in this catalogue may be subject to change without notice (for technical improvements etc). The corporate names and merchandise names written on this catalogue are the trademark or registered trademark of the respective corporations. Inkjet printers print using extremely fine dots, so colors may very slightly vary after replacement of the printing heads. Also note that if using multiple printer units colors could vary slightly from one unit to other unit due to slight individual differences.



MIMAKI ENGINEERING CO., LTD. | MIMAKI USA, INC.

Tel: +81-268-78-2288 trading@mimaki.jp www.mimaki.co.jp

150 Satellite Boulevard, suite A, Suwanee, Georgia 30024, U.S.A Atlanta +1-888-530-3988 Boston +1-888-530-3986 Los Angeles +1-888-530-3987 Chicago +1-888-530-3985

MIMAKI EUROPE B.V.

Stammerdijk 7E,1112 AA Diemen, The Netherlands

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

GRAPHICS

SIGN

Wide-format Inkjet Printer for Solvent / Water-based Sublimation Inks









HIGH-SPEED AND RELIABLE PRINT QUALITY



Continuous operation support pack to minimize downtime

The JV150 is prepared with the following continuous operation support pack to minimize downtime in case of emergency such as machine failure.

Productivity maintenance - NRS*1

The NRS substitutes defective nozzles with non-defective nozzles until the technician arrives. This feature enables uninterrupted print operations and continuous productivity.

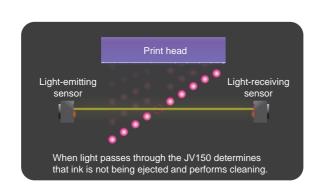
- *1 NRS: Nozzle Recovery System
- *2 10 nozzles per nozzle row can be registered.



Prevention of print quality problems - NCU*

The JV150 is equipped with Mimaki's original automatic NCU. Clogged nozzles are automatically detected and cleaned by the NCU. If the clogging is not resolved by cleaning, the JV150 automatically sets the nozzle recovery function NRS and resumes printing. These functions significantly reduce the waste printing caused by clogged nozzles during a continuous printing run.

* NCU: Nozzle Check Unit



Reliable ink supply system

The JV150 is equipped with a 2-ink cartridge per color. Even if one cartridge becomes empty, ink supply continues from the other cartridge, preventing print suspension from ink end.

Non-stop ink replacement Cartridges that are out of ink can be replaced while printing. This prevents print suspension from ink

MBIS III (Option) Optional MBIS III with its large 2L ink pack enables continuous printing at a reduced operational cost.

* UISS is compatible only with the CMYK ink set.

Stunning beauty

Banding reduction

The reputable anti-banding function MAPS2 has been improved to MAPS3*. Advanced MAPS3 scatters ink droplets and overlaps prints on areas of frequent banding.

* MAPS3: Mimaki Advanced Pass System 3





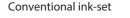
Achieves a higher level of expression by using orange ink By using the orange ink as a process color, 94.8% of the

PANTONE color chart is covered with approximate colors.

Thanks to a wider gamut with the orange ink, food freshness can be simulated, and corporate colors can be faithfully represented.

Diverse print expressions stimulate your creativity







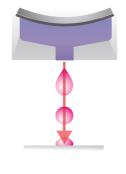
Ink-set including the orange ink

Advanced ink jet technology ensures high-quality printing at all times

Mimaki's unique advanced ink jet technology allows the print head to jet each ink droplet at the appropriate jetting angle while retaining excellent ink droplet circularity. This advanced technology ensures that texts, lines, and edges are clearly printed.









Printing with optimized waveform

Accurate expression with light black ink

The light black ink improves the printed grayscale gradation. It also faithfully represents monochrome data without introducing unexpected color shifts. Light black ink ensures a more accurate color representation.



Conventional ink-set



Ink-set including the light black ink

"SB53" ink enables sublimation printing

Water-based Sb53 ink produces high-density bright color sublimation transfer printing onto polyester. The selected ink type will depend on the requirements of your print business.

Excellent print speed

The JV150 provides high productivity and high image quality.

* The graphs below show the print speeds of JV150-160 in each print mode.

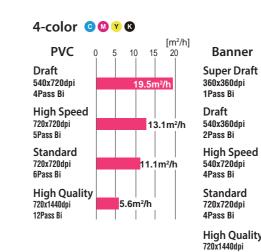
Banner

Super Draft

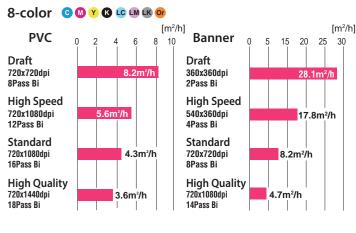
High Speed

Standard

4Pass Bi







3-Way intelligent heater

A 3-way intelligent heater fixes droplets placed on media. By using Mimaki's original technology in heating the media at a controlled temperature, ink can be fixed while maintaining high color development and high image quality. Thus the JV150 provides both steady color development and easy handling after printing.

Printing without waveform management

- Pre-heater: Heats media to the optimum temperature before

- Print heater: Dries ink after it lands on media before it bleeds, improving color development.

- Post-heater: Enhances ink drying and achieves stable take-up.

edia feeding 3-way Intelligent Heater patent No. Japan: 4889059 USA: 8.444.262 China: ZL 200910222559.8

Post-heater

Printhead

Smooth gradation printing

By ejecting 3 different dot sizes (Large/Medium/Small), images are expressed smoothly without graininess, even in large-format printing. Furthermore, the Large dot size is 35pl and by using this size effectively, light and shade can be expressed firmly while using higher printing speed settings.