CJV150 features-at-a-glance

- Print resolutions up to 1440 dpi
- Automated cut and print functions
- Eco-solvent inks for indoor or outdoor prints including White, Orange and Silver metallic ink
- Dye-sub inks for textile and apparel applications
- Available in four printer sizes accommodating media up to 32, 43, 54 and 63 inch widths

HIGH QUALITY AT HIGHER SPEEDS

MAPS3 technology reduces the appearance of banding.

MAPS3 (Mimaki Advanced Pass System 3) prints passes in a gradation-like method by dispersing ink drops between passes. This unique imaging technology reduces banding, uneven ink drying and bi-directional stripes.

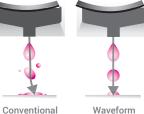


Conventional imaging

Using MAPS3 technology

Superior inkiet technology provides precise, consistent high quality imaging.

Mimaki's Waveform inkjet technology controls the shape of the ink drop to an almost perfect sphere for precise placement. This results in sharper lines, text and image edges.



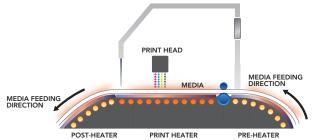
dot placement dot placement

Smooth, high definition color with variable dot printing.

Variable dot printing produces a smoother, more natural gradation without the granular appearance seen in fixed-dot printing.

3-Way Intelligent Heater enhances ink performance.

Three built-in heater areas – pre, print, and post – provide accurate media heating for controlled and consistent ink adhesion and drying.



* BS3 Solvent ink is not available in the U.S. and Canada. ** Sb Sublimation inks are not supported on the CJV150-75.

AUTOMATED CUT AND PRINT

Continuous register mark detection.

Through the RasterLink6 software, the CJV150 automatically detects where to stop and start a cutting pattern by detecting the printed register marks. The over-cut feature cross-cuts paths giving corners a crisp cut.



Versatility of cutting functions.

The "Cut and Print" function prevents common problems such as film separation and faulty cutting results by cutting the media *before* printing. The "Half Cut" function cuts the printed image while keeping the cut image on the media. The "Die Cut" function completely cuts the printed image from the media. "Perforation Cut" produces a series of half and die cuts.

INK VERSATILITY

Eco-solvent ink set includes expanded color choices.

The SS21 eco-solvent ink set now includes not only Light Magenta, Light Cyan and White, but Light Black for deeper dimensional monochromatic and grayscale imaging. The addition of Orange ink widens the color gamut for better accuracy in the color reproduction of food and solid PANTONE[®] colors.

A newly developed SS21 Silver ink is 1.5 times brighter than conventional silver inks for brilliant and beautiful mirrored effects. The silver ink can be used alone or mixed with other ink colors for a multitude of metallic effects.



Silver ink for metallic effects

Also available are Mimaki ES3 eco-solvent inks that offer exceptional scratch resistance for high traffic applications where over-lamination is not desired. These low-odor inks can be used in an office environment without requiring special ventilation.

Configure for eco-solvent or dye-sublimation printing.

CJV150 Series models can be configured for either eco-solvent printing for most sign and graphics applications **or** for dye-sublimation printing for textile and apparel transfer sublimation applications.

SS21 Eco-solvent ink set: 10 colors M 🖸 🕐 🕼 🗔 📖 W ES3 Eco-solvent ink set: 6 colors BS3 Solvent* ink set: 4 colors M B Y K b m Sb53 Sublimation** ink set: 6 colors M B Y K b m Sb54 Sublimation** ink set: 6 colors

Optional Mimaki Bulk Ink System (MBIS3).

The CJV150 Series printers can be configured with Mimaki's Bulk Ink

Raster Link 🗖

Intuitive and user-friendly operation



Simplified RIP operations.

The "Register as Favorite" feature saves regularly used RIP layouts and operations in a single window for guick retrieval.

Web software update function.

CJV150 SERIES SPECIFICATIONS | INKS

	Item	Specifica	tions	ltem	Color	440ml Cartridge	2L Bulk Pack with Optional MBIS3
Print Head		On-demand piezo head		SS21	Cyan	SPC-0501C	SPC-0588C
Print Resolution		360, 540, 720, 1440 dpi		Eco-solvent	Magenta	SPC-0501M	SPC-0588M
Maximum Print Speed		Up to 605 sqft/hr			Yellow	SPC-0501Y	SPC-0588Y
Ink	Туре	Eco-solvent: SS21 (C, M, Y, K, W, Lc, Lm, Lk, Or, Si)			Black	SPC-0501K	SPC-0588K
		Eco-solvent: ES3 (C, M, Y, K, W, Lc, Lm)			Light Cyan	SPC-0501LC	SPC-0588LC
		Solvent: *BS3 (C, M, Y, K)			Light Magenta	SPC-0501LM	SPC-0588LM
		Water-based sublimation: **Sb53 (BI, M, Y, K, W, Lbl, Lm)			Light Black	SPC-0501LK	SPC-0588LK
		Sublimation: **Sb54 (Bl, M, Y, K, W, Lbl, Lm)			Orange	SPC-05010r	SPC-05880r
		SS21: 440 ml cartridge (std); 2 L bulk pack (opt); W, Si - 220 ml cartridge			White	SPC-0504W-2 – 220ml Cartridge Only	
	Ink Supply System	ES3: 440 ml cartridge (std)			Silver	SPC-0504Si - 22	0ml Cartridge Only
		*BS3: 440 ml cartridge (std); 600 ml eco-cartridge (opt) **Sb53: 440 ml cartridge (std); 2 L bulk pack (opt)		ES3	Cyan	SPC-0440C	_
				Eco-solvent	Magenta	SPC-0440M	_
		**Sb54: 440 ml cartridge (st	td); 2 L bulk pack (opt)		Yellow	SPC-0440Y	_
	Ink Circulation System	Mimaki Circulation Technology (MCT) for White ink only			Black	SPC-0440K	—
Maximum Print Width		CJV150-75: 31.4 in (800 mm)	CJV150-107: 42.9 in (1,090 mm)		Light Cyan	SPC-0440LC	_
		CJV150-130: 53.5 in (1,361 mm) CJV150-160: 63.3 in (1,610 mm)			Light Magenta	SPC-0440LM	_
Media	Maximum Width	CJV150-75: 31.8 in (810 mm)	CJV150-107: 43.1 in (1,100 mm)		White	SPC-0433W-2	—
		CJV150-130: 53.9 in (1,371 mm)	CJV150-160: 63.7 in (1,620 mm)	BS3*	Cyan	SPC-0693C	SPC-0667C (600 ml)‡
	Maximum Thickness	1.0 mm or less		Solvent	Magenta	SPC-0693M	SPC-0667M (600 ml)‡
-					Yellow	SPC-0693Y	SPC-0667Y (600 ml)‡
Roll Weight		88 lb (40 kg) or less			Black	SPC-0693K	SPC-0667K (600 ml)‡
Cut Speed		11.8 inches (30 cm) per second max.; 1G acceleration max.			Eco-cartridge	OPT-J0237 ‡Requir	ed for 600 ml inks
Certifications		VCCI class A, FCC class A, ETL UL 60950 CE Marking (EMC, Low voltage, and Machinery directive) CB, RoHS REACH and EnergyStar, RCM		Sb53** Water-based Sublimation	Blue	Sb53-BL-44	Sb53-BL-2L
					Magenta	Sb53-M-44	Sb53-M-2L
Interface		USB2.0			Yellow	Sb53-Y-44	Sb53-Y-2L
Input Power Supply		Single-phase (AC 100-120V / AC 220-240V) x2			Deep Black	Sb53-K-44	Sb53-K-2L
Power Consumption		1440W x1 or less (100V) 1	,		Light Blue	Sb53-LBL-44	Sb53-LBL-2L
Operational Environment		Temperature:	. ,		Light Magenta	Sb53-LM-44	Sb53-LM-2L
		Humidity: 35% - 65% Rh (non-condensing)		Sb54**	Blue	Sb54-BLT-44	Sb54-BLT-2L
Dimensions (W×D×H)		•	IV150-107: 89" x 28" x 55"	Sublimation	Magenta	Sb54-MT-44	Sb54-MT-2L
			JV150-107: 89" x 28" x 55" JV150-160: 109" x 28" x 55"		Yellow	Sb54-YT-44	Sb54-YT-2L
					Black	Sb54-KT-44	Sb54-KT-2L
Weight			JV150-107: 313 lb		Light Blue	Sb54-LBT-44	Sb54-LBT-2L
		CJV150-130: 346 lb C	JV150-160: 370 lb		Light Magenta	Sb54-LMT-44	Sb54-LMT-2L

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

* BS3 Solvent ink is not available in the U.S. and Canada. ** Sb Sublimation inks are not supported on the CJV150-75.



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System featuring economical 2L ink packs.

SOPHISTICATED RIP SOFTWARE MAXIMIZES PERFORMANCE

Simultaneous layer printing.

RasterLink6 software enables simultaneous three-layer printing for two-sided viewing - color > white > color, or for white over/underprinting.

Program updates and profiles can be downloaded via the Mimaki website.



mimakiusa.com

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Mimaki CJV150 Series Cutter/Printer

Eco-solvent cut & print, roll-to-roll devices available in 32", 43", 54" and 64" media widths





Built for versatility.

Metallic decals? Backlits? Wearable art? Whatever the request you'll grow your business with the new Mimaki CJV150 Series cut and print devices. Built on the proven Mimaki JV Series platform, these roll-based printers include new innovative technologies for faster throughput and add on-board cutting. You can produce all your current work at higher quality, with a shorter turn around and at a lower cost per print. And you can offer new products such as labels or vehicle markings - or enhanced items using Silver or metallic colors all from one device. With the Mimaki CJV150 Series cut and print models, you gain the application versatility to confidently take on new business.





MEDIA SIZE VERSATILITY

The CJV150 Series models are available in four versatile sizes handling maximum media

for every type of cut and print application.

widths from 32 to 63 inches. Now there's a size

CJV150-75 | 32" Max. media width

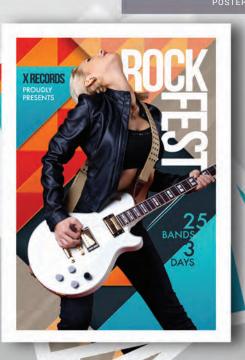


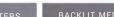
CJV150-107 | 43" Max. media width



CJV150-130 | 54" Max. media width

CJV150-160





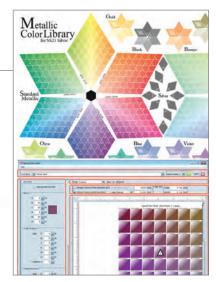




Integrated cut-and-print.

Mimaki CJV150 Series cut and print devices go beyond extraordinary to deliver a wide range of applications. Eco-solvent inks in a variety of colors – including Silver – and advanced printing technologies means you can produce nearly anything in a single unit that fits your work flow. Precision cutting capability gives you the ability to deliver custom and short-run items such as labels, T-shirt transfers or package prototypes. With the Mimaki CJV150 Series printers' superb quality, color fidelity, and flexibility – plus cutting capability - you'll go beyond the expected to increase your business and deliver more than your customers can imagine.





EXPANSIVE METALLIC LIBRARY

The SS21 metallic ink library, utilizing Silver ink, contains 648 colors which can be combined to print a near limitless color array through the RasterLink6 RIP software. This metallic color library gives designers and operators the ability to create dazzling colors and effects simply by selecting specific metallic colors from an Adobe[®] Illustrator[®] swatch pallet.



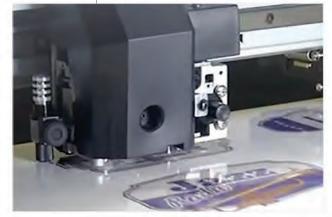
MAPS3 BRINGS IMAGES TO LIFE

The unique imaging technology of the MAPS3 (Mimaki Advanced Pass System 3) practically eliminates banding at higher speeds by employing a proprietary dot randomized pattern throughout the pass modes.



CONTINUOUS CROP MARK DETECTION

The advanced features in RasterLink6 enable the CJV150 to automatically detect all printed crop and register marks, calibrate the cutter, and precisely indicates where to start and stop each cutting sequence.



BANGE OF CUTTING FUNCTIONS

The fully automatic and versatile contour cutter is capable of performing full, half-, and perforation-cutting. The versatile system provides the ability to pre-cut or post-cut prints, optimizing throughput while reducing waste and defects common to many print/cut applications.