

## 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

### 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



ES3 Eco-solvent ink set: 6 colors



BS3 Solvent\* ink set: 4 colors



Sb53 Sublimation\*\* ink set: 6 colors



Sb54 Sublimation\*\* ink set: 6 colors

#### Optional Mimaki Bulk Ink System (MBIS3).

The CJV150 Series printers can be configured with Mimaki's Bulk Ink System featuring economical 2L ink packs.

## RasterLink6

Intuitive and user-friendly operation



### 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.

#### Simplified RIP operations.

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

#### Web software update function.

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

### CJV150 SERIES SPECIFICATIONS | INKS

Item	Specifications		
Print Head	On-demand piezo head		
Print Resolution	360, 540, 720, 1440 dpi		
Maximum Print Speed	Up to 605 sqft/hr		
Ink	Type	Eco-solvent: SS21 (C, M, Y, K, W, Lc, Lm, Lk, Or, Si)	
		Eco-solvent: ES3 (C, M, Y, K, W, Lc, Lm)	
		Solvent: *BS3 (C, M, Y, K)	
	Ink Supply System	Water-based sublimation: **Sb53 (Bl, M, Y, K, W, Lbl, Lm)	
		Sublimation: **Sb54 (Bl, M, Y, K, W, Lbl, Lm)	
Ink Circulation System	SS21: 440 ml cartridge (std); 2 L bulk pack (opt); W, Si - 220 ml cartridge		
	ES3: 440 ml cartridge (std)		
	*BS3: 440 ml cartridge (std); 600 ml eco-cartridge (opt) **Sb53: 440 ml cartridge (std); 2 L bulk pack (opt) **Sb54: 440 ml cartridge (std); 2 L bulk pack (opt)		
Maximum Print Width	CJV150-75: 31.4 in (800 mm) CJV150-130: 53.5 in (1,361 mm)	CJV150-107: 42.9 in (1,090 mm) CJV150-160: 63.3 in (1,610 mm)	
Media	Maximum Width	CJV150-75: 31.8 in (810 mm) CJV150-130: 53.9 in (1,371 mm)	CJV150-107: 43.1 in (1,100 mm) CJV150-160: 63.7 in (1,620 mm)
	Maximum Thickness	1.0 mm or less	
	Roll Weight	88 lb (40 kg) or less	
Cut Speed	11.8 inches (30 cm) per second max.; 1G acceleration max.		
Certifications	VCCI class A, FCC class A, ETL UL 60950 CE Marking (EMC, Low voltage, and Machinery directive) CB, RoHS REACH and EnergyStar, RCM		
Interface	USB2.0		
Input Power Supply	Single-phase (AC 100-120V / AC 220-240V) x2		
Power Consumption	1440W x1 or less (100V) 1920W x1 or less (200V)		
Operational Environment	Temperature: 59°F - 86°F		
	Humidity: 35% - 65% Rh (non-condensing)		
Dimensions (WxDxH)	CJV150-75: 77" x 28" x 55"	CJV150-107: 89" x 28" x 55"	
	CJV150-130: 99" x 28" x 55"	CJV150-160: 109" x 28" x 55"	
Weight	CJV150-75: 278 lb	CJV150-107: 313 lb	
	CJV150-130: 346 lb	CJV150-160: 370 lb	

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.



### Mimaki CJV150 Series Cutter/Printer

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

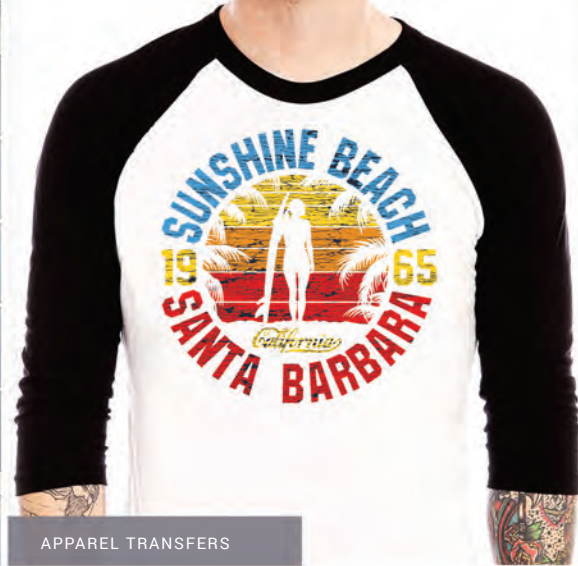


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SIGNS & GRAPHICS



APPAREL TRANSFERS

## 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.



DIE-CUT DECALS & STICKERS with Silver & Metallic accents



POSTERS



BACKLIT MEDIA

### MEDIA SIZE VERSATILITY

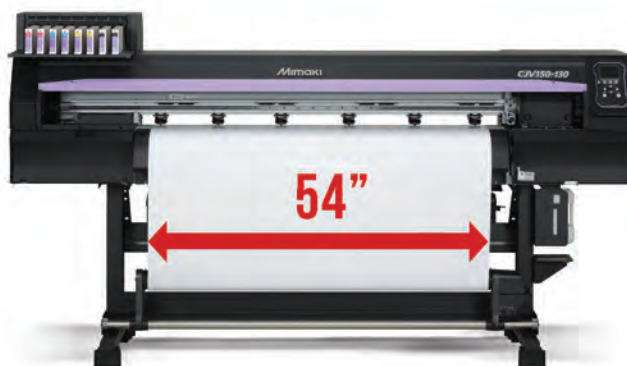
The CJV150 Series models are available in four versatile sizes handling maximum media widths from 32 to 63 inches. Now there's a size for every type of cut and print application.



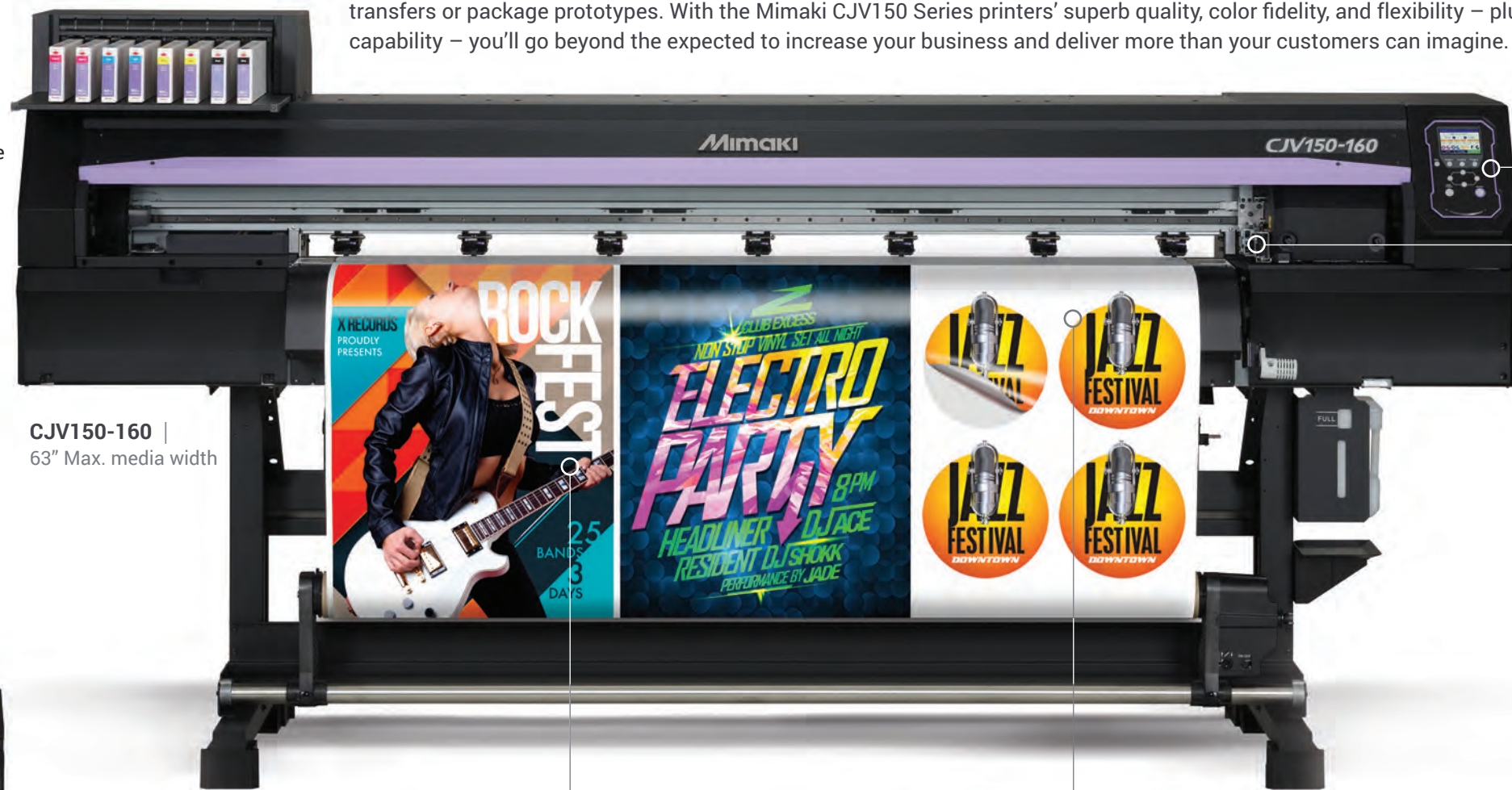
CJV150-75 | 32" Max. media width



CJV150-107 | 43" Max. media width



CJV150-130 | 54" Max. media width



CJV150-160 | 63" Max. media width



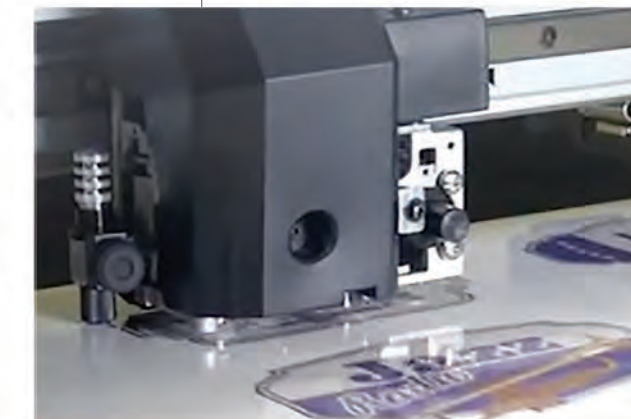
### MAPS3 BRINGS IMAGES TO LIFE

The unique imaging technology of the MAPS3 (Mimaki Advanced Pass System 3) practically eliminates crop 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.



### RANGE 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.

## 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.