

Easy to use bundled software

Three different software packages are included as standard. From RIP to cutting, the software answers all professional requirements for multiple applications. In addition, easy to operate software for preparing the print & cut data is enclosed.

RasterLink Pro4 SG

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RasterLink Pro4 SG combines cutting data with printing data created by Illustrator. Image data and cutting data can be output to RIP in the same way FineCut outputs to a plotter. New RasterLink Pro4 SG is equipped with 16 bit rendering which features the elimination of tone jump, fine colour reproduction, smoother gradation and white ink overlay printing.

Fine Cut 7

Fine Cut 7 for Illustrator

Plug-in cutting software for Illustrator CS3. Highly sophisticated requirements, such as contour cutting are enabled. Furthermore tiling/nesting as well as large images can be accommodated.

Simple Studio

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No previous experience with Illustrator is required to create vivid and creative stickers. Cut lines in (bleed) or around the printed image are automatically generated by using the image data. The software includes functions, such as gradation settings, etc.

Specifications

Item	CJV30-60	CJV30-100	CJV30-130	CJV30-160	
Maximum print/cut width	610 mm (24.0")	1020 mm (40.1")	1361 mm (53.5")	1610 mm (63.3")	
Print resolution	540 dpi, 720 dpi, 1440 dpi				
Printing modes (scan x feed)	540 x 720 dpi, 540 x 900 dpi, 540 x 1080 dpi, 720 x 540 dpi, 720 x 720 dpi, 720 x 1080 dpi, 720 x 1440 dpi, 1440 x 1440 dpi				
Ink	Type	Solvent ink: SS21 ink, ES3 ink			
	Max. capacity	4-colour mode: 440 cc x 2 = 880 cc per colour 6-colour mode: 440 cc x 1 = 440 cc per colour			
Media	Width	620 mm (24.4")	1030 mm (40.1")	1371 mm (53.9")	1620 mm (63.7")
	Thickness	Less than 1.0 mm			
	Roll weight	Less than 25 kg (55 lbs.)			
	Roll diameter	Inside: 2 inch, 3 inch Outside: Less than ø 180 mm (7.1")			
Maximum cutting speed	30 cm: 11.8"/s (42 cm: 16.5"/s at the angle of 45°)				
Cutting force	10-350g				
Applicable tools	Cutter, Water based ball-point pen, Oil based ball-point pen				
Media cutting	Cutting in Y direction by cutter on the head				
Media heater	Pre/print/post heater				
Media take-up device	Roll take-up device (Standard), inside/outside selectable				
Command	MRL-III, MGL-IIc2				
Interface	USB 2.0				
Applicable standard	VCCI class A, FCC class A, UL60950, CE Marking (EMC directive, low voltage directive), CB Report				
Power	AC100V-240V, Less than 1380VA				
Operating environment	20°C -35°C, 35-65% Rh (No condensation)				
Dimensions (WxDxH)	1524 x 739 x 1424 mm (60" x 29.1" x 56.0")	1934 x 739 x 1424 mm (76.1" x 29.1" x 56.0")	2289 x 739 x 1424 mm (90.1" x 29.1" x 56.0")	2538 x 739 x 1424 mm (99.9" x 29.1" x 56.0")	
Weight (max.)	110 kg (242 lbs.)	130 kg (286 lbs.)	145 kg (319 lbs.)	160 kg (352 lbs.)	

Options

Item	CJV30-60	CJV30-100	CJV30-130	CJV30-160
Drying and exhaust unit *	OPT-J0177	OPT-J0176	OPT-J0129	OPT-J0130
Static cling prevention net*	OPT-J0187	OPT-J0186	OPT-J0139	OPT-J0140
Front cover **	OPT-J0185	OPT-J0184	OPT-0183	OPT-J0182
Sheet basket *	OPT-J0191	OPT-J-190	OPT-J0189	OPT-J0188

* 60/100/130/160 **C60/C100/C130/C160

Supplies

SS21 solvent ink	440cc	SPC-0501
		Y/M/C/K/Lm • Lc
White ink	220cc	SPC-0504W
ES3 eco solvent ink	440cc	SPC-0440
		Y/M/C/K/Lm • Lc
Wiper kit 33S	10 pcs	SPA-0134
Waste ink bottle 2L	1 pc	SPA-0117
Cutter blade assy	1 pc	SPA-0107
MS cleaning cartridge	220cc	SPC-0294
Cutter holder (standard accessory)	1 pc	SPA-0001
Cutter holder	1 pc	SPA-0090
Standard blade for vinyl	3 pcs	SPB-0030
Blade for vinyl and paper	3 pcs	SPB-0001
Blade for small character	3 pcs	SPB-0003
Blade for reflective sheet	2 pcs	SPB-0006
Blade for fluorescent type vinyl	3 pcs	SPB-0007



SS21 ink
This fast drying solvent ink enables immediate cutting after printing. Of course, the ink will not peel off during the cutting process.



ES3 ink
Virtually odourless and user-friendly ink that does not require any special ventilation.



White ink (SS21 ink)
Mimaki's exclusive "white ink overlay print" allows for simultaneous white and full colour printing and creates a beautiful finish with accurate overlay.



Print and Cut Combo : JV33 and CGFXII Series

Create true and efficient print and cut workflow by combining Mimaki's award winning JV33 Series with CGFXII cutting plotters.



CJV30-160 equipped with a drying and exhaust unit 160

• 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 names 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 • Compositor's errors reserved

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CJV30 Series

CJV30-60/100/130/160

Mimaki



*) Media width



SOLVENT

4 SIZES
AVAILABLE

1440 DPI

4 / 6 COLOUR + WHITE

17.3 M²/H
MAX SPEED

11.7 M²/H
STANDARD

Unattended
Continuous Printing

MARKET
SIGN GRAPHICS

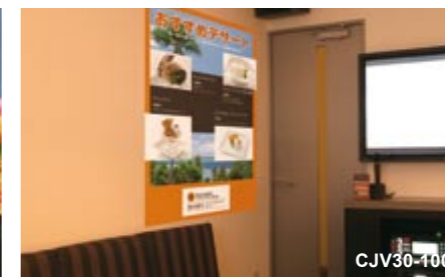
Printing and cutting in one machine

Integrated Inkjet Printer/Cutter

Unique range, bringing much greater choice
and flexibility

Expanding business opportunities with innovation

Mimaki expands its award winning sign & graphics systems with a unique range of integrated print and cut solutions, bringing even greater choice & flexibility. From retailers, corporate offices and downtown copy shops to professional sign makers and print service providers; with its 4 sizes (60 cm, 100 cm, 130 cm and 160cm) the CJV30 series offers every user a complete high performance print and cut solution.



Unique range of integrated print and cut solutions

Easy production of stickers, seals and labels

Unique in its size, the first small format print and cut solution (60cm)

Unmatched performance and production of high quality seals, labels, stickers, A1 posters, promotional prints and point of purchase displays.

The CJV30-60 comes at a very competitive and affordable price.

The ultimate print & cut solution:

- For copy shops and other print service providers who want to enter the market for small format production of signs.
- For signmakers and screenprinters that produce high quality stickers, seals and labels.
- For large retailers who want to produce their own in store communication materials.

CJV30-60



Fast printing and cutting of the popular A0 Poster (84.1 x 118.9 cm) size and POP displays

The ideal machine for over the counter services. A printer-cutter with a small footprint, compact design and high quality output. The CJV30 series is ideally suitable for businesses requiring both high quality and quick response.

The ultimate print & cut solution:

- For print service providers offering over the counter direct services.
- For print service providers needing print and cut output of POP displays and up to A0-posters.
- For sign makers that produce high quality stickers, seals and labels.

CJV30-100



Print and cut solution for large sized signs High quality and high speed

The ideal machines for signmakers who need an integrated printer/cutter to produce large sized signs, such as large posters, vehicle graphics, POP displays, backlit, window decoration and floor signage.

It is the optimum solution for businesses requiring detailed vivid large format images for a multitude of applications all around town.

CJV30-130 CJV30-160

The ultimate print & cut solution:

- For signmakers and print service providers engaged in signboards, backlit and vehicle wrap printing
- For the production of stickers and labels



SS21 Solvent ink

The CJV30 Series prints with fast drying solvent ink. SS21 solvent ink contains volatile dispersing pigments and features fast drying. This enables immediate cutting after printing. Mimaki's SS21 ink does not peel off when cut.

Substantial reduction of manual operation

The Automatic Media Clamp function The number of pinch rollers and their clamp pressures can be set from the RIP software and the pinch roller pressure is automatically changed to suit the thickness of the media. By raising the pinch rollers in the middle at the time of cutting, peeling-off media after cutting is eliminated.

operation without manual intervention from the start of printing to the end of cutting. CJV30 automatically adjusts to ensure accurate media feed. This results in high quality finishing of both, print and cut.



This full automatic function enables unattended

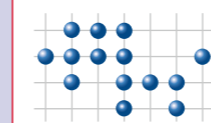
High speed for fast delivery

CJV30 Series is capable of printing up to 17.5 m²/h (540 x 720 dpi, 4 colours). In standard mode CJV30 can print 11.9 m²/h (540 x 1080 dpi, 4 colours). The symmetrical ink cartridge arrangement enables reliable and detailed high quality image generation even with bidirectional printing.

Print speed CJV30-160 6 colours	
540 x 720 8 pass	9.0
540 x 1080 12 pass	6.1
Print speed 4 colours	
540 x 720 4 pass	17.5
540 x 1080 6 pass	11.9

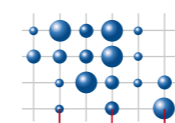
Conventional dots

Uniform dot sizes



Variable dots

Three different ink dot sizes can be used



High detailed vivid images

CJV30 can print up to 1440 dpi with three different dot sizes. Smooth and beautiful images are produced without graining, even when printing in four colour mode.

Vivid full colour printing with white ink

Mimaki's unique white ink overlay feature enables simultaneous printing of colours and white ink. By overlaying the white ink on the substrate, more brilliant colour is made possible, especially when printing on transparent media, resulting in even more vivid images.

Accurate contour cutting

For accurate contour cutting of printed images the continuous crop mark detection recognizes registration



marks that are printed on the media. Even with a laminated print, contour cutting is performed with great accuracy.

Continuous unattended operation Uninterrupted Ink Supply System

When an ink cartridge runs out, another cartridge automatically begins to supply ink. Ink cartridges can be replaced during printing and overnight continuous printing is possible. The UISS can be used in 4 colour mode.

Mimaki's Half-Cut function

This function creates a series of half- and die cuts leaving a few connection points that prevent the image from falling.