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 Pro5 SG

RasterLink Pro5 SG
RaterLink Pro5 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 Pro5 SG is equipped with 16 bit rendering which features the elimination of tone jump, fine colour reproduction, smoother gradation and white ink overlay printing.

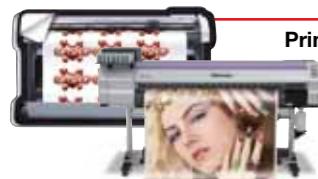**Fine Cut 8**

Fine Cut 8 for Illustrator
Plug-in cutting software for Illustrator. Highly sophisticated requirements, such as contour cutting are enabled. Furthermore tiling/nesting as well as large images can be accommodated.

Simple Studio

Simple Studio
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.

CJV30 Series

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			
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")
Media — Thickness	Less than 1.0 mm			
Media — Roll weight	Less than 25 kg (55 lbs.)			
Media — Roll diameter	Inside: 2 inch, 3 inch I 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 direclive), 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.)

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.

• 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 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

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/KlLm • 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 refleclive sheet	2 pcs	SPB-0006
Blade for fluorescent type vinyl	3 pcs	SPB-0007

SOLVENT INK

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

ECO SOLVENT INK

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

WHITE INK

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.

METALLIC INK

Metallic ink
a range of bright metallic ink colours provide sparkling results in your finished print

CJV30-160 equipped with a drying and exhaust unit

Integrated inkjet printer & cutter…

MIMAKI

SG
SIGN & GRAPHICS

MIMAKI
The world imagines... Mimaki delivers

the power to **create…**

Mimaki

Unique range of integrated print and cut solutions

Mimaki has further expanded its award winning sign and graphics systems with the CJV30 range of unique integrated print and cut solutions – with 4 print widths available, providing even greater flexibility for end-users from retailers and copy shops to professional signmakers and print service providers.

ENGINEERING EXCELLENCE AND CREATIVE INNOVATION

Founded in Japan in 1975, Mimaki Engineering has steadily grown by reputation and influence into a global company with large operational bases in Asia and the Pacific, United States and Europe.

Renowned for award-winning performance, peerless build quality and innovative technology, Mimaki has established itself as a leading manufacturer of wide-format inkjet printers and cutting machines for the sign and graphics, textile and apparel and industrial markets. In addition, Mimaki also provides a comprehensive range of supporting products; hardware, software and associated consumable items, such as inks and cutting blades.

From outdoor signage and billboards to interior decoration and furnishing, from packaging and labels to promotional gifts and apparel, Mimaki is committed to developing technology that sets new industry standards, producing machines and products that turn the imagination of our customers into breath-taking reality.

··· Mimaki delivers

CJV30 range delivers ···

- 4 different print widths (60 cm, 100 cm, 130 cm & 160 cm) provide greater flexibility and productivity
- Vibrant, long lasting prints
- Indoor and Outdoor durable print quality
- Bright White Ink
- Sparkling Metallic Ink
- Ultra low-odour & fast-drying inks
- Print & Cut to the broadest range of materials in its class
- Unique Die Cutting feature
- Accurate contour cutting facility
- Fully unattended print & cut
- Up to 1,440 dpi print quality
- Up to 17.5 m² /hour print speed

CJV30-160
162cm² / 63.7"

CJV30-60
62cm² / 24.4"

CJV30-100
103cm² / 40.5"

CJV30-130
137.1cm² / 53.9"

SOLVENT
4 SIZES AVAILABLE
1440 DPI
4 / 6 COLOUR + WHITE
17.3 M²/H MAX SPEED
11.7 M²/H STANDARD
UNATTENDED CONTINUOUS PRINTING
SILVER INK OPTION FOR METALLIC EFFECTS

Create ··· Stickers, Seals, Labels, Posters, Promotional prints, PoS displays, Vehicle graphics, Signage, Banners, Backlit graphics, Window vinyls & much more…

KEY TECHNICAL FEATURES ···

SS21 Solvent ink
SS21 fast drying solvent ink enables immediate cutting after printing and eliminates peeling when cut.

Designated image

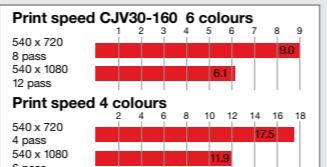### Automatic Media Clamp function
The number of pinch rollers and clamp pressures can be set from the RIP software, with pressure automatically adjusted to suit individual media thickness, allowing unattended operation and providing high quality finishing of both print and cut.

High Speed / fast delivery
Up to 17.5 m²/h (540 x 720 dpi, 4 colours) print speed capability.
Symmetrical ink cartridge arrangement enables reliable & detailed high quality image generation, even with bi-directional 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

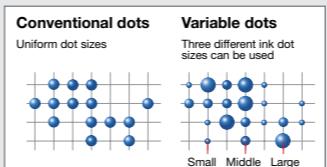| 540 x 720		
4 pass		17.5
540 x 1080		
6 pass	11.9	

High definition vivid images
Print capability up to 1440 dpi with three different dot sizes, producing smooth and beautiful images without 'graining', even in 4 colour mode.

Designated image

Brilliant full colour printing with White Ink
Mimaki's unique white ink overlay feature enables simultaneous printing of colours and white ink.
Even more vivid images are possible by overlaying white ink on the substrate especially when printing on transparent media.

Conventional dots
Uniform dot sizes

Variable dots
Three different ink dot sizes can be used

Small Middle Large

Accurate Contour Cutting
Continuous crop mark detection feature recognises registration marks, ensuring greater accuracy of contour cutting.

Designated image

Half-Cut function
This function creates a series of half and die cuts leaving a few minimal connection points preventing the image from falling out when printing stickers etc.

Designated image

Continuous unattended operation
The unique Uninterrupted Ink Supply System (UISS) automatically switches to another cartridge when supply runs out, allowing overnight continuous operation. Ink cartridges can also be replaced during operation.

Designated image