



## Professional sign making software

### Fine Cut 8

Fine Cut 8, plug-in cutting software for Adobe Illustrator CS5 and CorelDRAW, is included. It helps to achieve highly sophisticated requirements such as contour cutting, production of cutting data from the graphic data, tiling and nesting. Applicable to cutting plotters with mark sensor, allowing accurate contour cutting of seals, stickers and other patterns.

## Easy-to-operate cutting software

### Simple Cut

Applicable to the CG-60 and CG-SRIII series, user friendly SimpleCut enables beginners to use the cutting plotter easily. It provides easy text layouts as well as graphic creations and edits. Print image can be divided into blocks for making wide and large format signage. The software is compatible with the following data files: BMP, TIFF, JPEG, AI, EPS, WMF, EMF, MDX

SPECIFICATIONS	CG-75FXII	CG-130FXII	CG-160FXII	CG-60SRIII	CG-100SRIII	CG-130SRIII
Acceptable sheet width	90 - 1040 mm	90 - 1580 mm	90 - 1880 mm	90 - 740 mm	90 - 1250 mm	90 - 1550 mm
Effective cutting area <sup>1</sup>	760 mm x 51 m	1300 mm x 51 m	1600 mm x 51 m	606 mm	1070 mm	1370 mm
Maximum speed <sup>2</sup>	140 cm/s			100 cm/s		
Maximum cutting speed	100 cm/s			70 cm/s		
Adjustable speed range <sup>3</sup>	1 - 10 cm/s : 1 cm step adjustment 10 - 40 cm/s : 5 cm step adjustment 40 - 100 cm/s : 10 cm step adjustment			1 - 10 cm/s : 1 cm step adjustment 10 - 70 cm/s : 5 cm step adjustment		
Repeatability	± 0.2 mm (excluding shrinkage / expansion caused by film temperature)					
Effective repeatability <sup>4</sup>	760 mm x 10 m	1300 mm x 10 m	1600 mm x 10 m	586 mm x 2 m	1050 mm x 2 m	1350 mm x 2 m
Maximum pressure	400 g			500 g		
Pressure setting	Cutter	10 - 20 g (2g step), 20 - 100 g (5g step), 100 - 400 g (10g step)		10 - 20 g (2g step), 20 - 100 g (5g step), 100 - 500 g (10g step)		
	Pen	10 - 20 g (2 g step), 20 - 100 g (5 g step), 100 - 150 g (10 g step)				
	Pouncing	10 - 20 g (2 g step), 20 - 100 g (5 g step), 100 - 400 g (10 g step)			N/A	
Acceptable sheet <sup>5</sup>	Vinyl up to 0.25mm thickness, fluorescent type vinyl, reflective sheet			Vinyl sheet, fluorescent type vinyl sheet, reflective sheet, rubber sheet		
Applicable tools <sup>6</sup>	Cutter, water based ball-point pen, oil based ball-point pen, pouncing tool			Cutter, ball-point pen		
Type of command	MGL-llc / lc1					
Interface	USB, RS-232C			USB2.0, RS-232C, Ethernet		
Receiver buffer size	30 MB (20 MB when sorting)			27 MB Standard (17 MB when sorting)		
Operational environment	Temperature: 5 - 35°C (41 - 95°F) / Humidity: 35 - 75% (Rh) Non-condensation					
Power requirement	AC100V - 240V, 145 VA or less					
Dimensions (W x D x H)	1285 x 700 x 1217 mm	1825 x 700 x 1217 mm	2125 x 700 x 1217 mm	1030 x 430 x 335 mm (1030 x 430 x 1185 mm) <sup>7</sup>	1530 x 580 x 1150 mm	1830 x 580 x 1150 mm
Weight (with stands)	50 kg	60 kg	69 kg	24 kg	41 kg	46 kg

BLADES	Item no.
Standard blade for vinyl	SPB-0030
Blade for vinyl sheet and paper	SPB-0001
Blade for small character	SPB-0003
Blade for reflective sheet	SPB-0006
Blade for fluorescent sheet	SPB-0007
APC blade set (rubber sheet) (CG-SRIII Series)	SPB-0082
Blade for sheet cutter (CG-FXII)	SPA-0119

TOOLS & ACCESSORIES	CG-75/130/160FXII	CG-60/100/130SRIII
Cutter holder	SPA-0090	SPA-0090
Pen adapter	SPA-0169	SPA-0169
Pouncing set	OPT-C0095	N/A
Pen-line sponger	SPC-0359 / -0354 / -0382	N/A
Pen-line rubber	SPC-0358 / -0353 / -0381	N/A
Roll set	OPT-C0185 / -C0183 / -C0187	OPT-C0223 (Roll set 100) OPT-C0224 (Roll set 130)
Sheet basket (60/100/130)	OPT-C0184 / -C0182 / -C0186	OPT-C0234 / -C0232 / -C0233
Stand for CG-60SRIII	N/A	OPT-C0235

- Max. sheet feeding length differs depending on the software
- Max. moving speed at 45° direction with pen up.  
The plotter cannot perform cutting (plotting) at the specified maximum speed or maximum acceleration.  
May be limited by sheet width.
- Depending on the specified film and cutting conditions. Thickness of rubber and its cutting speed are limited.
- Provided that the blade specific for fluorescent type vinyl, for reflective sheet, or for rubber sheet are used.
- The goods on the market are 8 - 9 mm pen. No guarantee on accuracy.
- When equipped with the optional stand (OPT-0235)

• 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.)  
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CUTTING PLOTTER  
**CG-SR III Series**

CUTTING PLOTTER  
**FX II series**



**A cutting plotter for every purpose...**

**Mimaki**

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

Mimaki Europe B.V. Stammerdijk 7E, 1112 AA Diemen, The Netherlands Tel: +31 (0)20 4627640



SIGN &  
GRAPHICS

**Mimaki**

The world imagines... Mimaki delivers



# The perfect cutting tool for every job

Mimaki's range of cutting plotters includes models from 60 cm wide desktop models up to 160 cm wide professional production models – providing a practical and cost effective solution for every sign and graphics need.

## 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



the power to create...

### CUTTING PLOTTER CG-SR III Series CG-60/100/130SR III



- ROLL CUTTER
- 60 / 107 / 137 CM CUTTING WIDTH
- 100 CM/S MAX. MOVING SPEED
- ACCURATE CONTOUR CUTTING
- HALF-CUT FUNCTION
- OVER-CUT FUNCTION
- PLUG-IN SOFTWARE INCLUDED

## CG-SR III Series delivers ...

- Stunning value & highly competitive performance
- 3 different models available (606/1070/1370mm)
- Higher curve-cutting speed, faster production of complicated cutting tasks
- Mimaki's first machine to be compatible with Ethernet connection for LAN use
- Best-in-class cutting pressure of up to 500g
- Fast and accurate contour cutting
- Half-cut function holds image in place after cutting for perfect stickers & decals
- Optional media baskets available
- Professional & user-friendly software package included as standard

### CUTTING PLOTTER FX II series



- ROLL CUTTER
- 76 / 130 / 160 CM CUTTING WIDTH
- 140 CM/S MAX. MOVING SPEED
- ACCURATE CONTOUR CUTTING
- HALF-CUT FUNCTION
- OVER-CUT FUNCTION
- PLUG-IN SOFTWARE INCLUDED

## CG-FX II Series delivers ...

- Wider roll cutting format for professional use
- High precision cutting and performance
- Mark sensor, with media hold function to guarantee accuracy
- 3 different models available (760 mm, 1300 mm & 1600 mm)
- Higher speed cutting up to 100 cm/s
- Fast and accurate contour cutting
- Half-cut function holds image in place after cutting for perfect stickers & decals
- Optional media baskets available
- Professional & user-friendly software package included as standard



**Create ...** Stickers, Labels, Decals, Graphics and Signage, with the added benefit of 'half-cut' and 'over-cut' functions making the finished items even easier to apply...

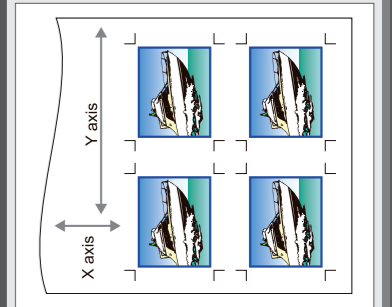
## KEY TECHNICAL FEATURES ...

### High speed continuous register mark detection

For precise contour cutting of printed images, such as stickers, the optical sensor detects register marks that are printed on the media. By recognizing these marks, the distance to the image is calculated accurately.



By continuously detecting a maximum of 4 register marks nested images in both X and Y axis direction can be cut aligning each image automatically. Detecting one register mark is sufficient when using Mimaki's FineCut software.



### Innovative Mimaki Half-Cut function

Mimaki's original Half-Cut function produces a series of half and die-cuts leaving a few connection points that keeps the image in place. When the job is done the sticker/image can be taken out easily or the complete sheet or roll can be sent to the customer. Various media without backing sheet can also be Half-Cut.

