



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-SR11 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-60SR	CG-60SL	CG-100SR11	CG-60130SR11	CG-75FX-II	CG130FX-II	CG-160FX-II
Acceptable sheet width	90 - 740 mm		90 - 1,250 mm	90 - 1,550 mm	90 - 1,040 mm	90 - 1,580 mm	90 - 1,880 mm
Effective cutting area ¹	Normal: 586 mm x 51 m Expand: 606 mm x 51 m		1,070 mm x 51 m	1,370 mm x 51 m	760 mm x 51 m	1,300 mm x 51 m	1,600 mm x 51 m
Maximum speed ²	85 cm/s	70 cm/s	85 cm/s		140 cm/s		
Maximum cutting speed	60 cm/s				100 cm/s		
Adjustable speed range ³	1 - 10 cm/s : 1 cm step adjustment 10 - 60 cm/s : 5 cm step adjustment				1 - 10 cm/s : 1 cm step adjustment 10 - 40 cm/s : 5 cm step adjustment 40 - 100 cm/s : 10 cm step adjustment		
Repeatability	± 0.2 mm (excluding shrinkage / expansion caused by film temperature)						
Guaranteed range of accuracy ⁴	586 mm x 2 m		1070 mm x 2 m	1370 mm x 2 m	760 mm x 10 m	1300 mm x 10 m	1600 mm x 10 m
Maximum pressure	400 g						
Pressure setting	Cutter	10 - 20 g (2 g step), 20 - 100 g (5 g step), 100 - 400 g (10 g step)					
	Pen	10 - 20 g (2 g step), 20 - 100 g (5 g step), 100 - 150 g (10 g step)					
	Pouncing	N/A				10 - 20 g (2 g step), 20 - 100 g (5 g step), 100 - 400 g (10 g step)	
Acceptable sheet ⁵	Vinyl up to 0.25mm thickness, fluorescent type vinyl, reflective sheet						
Applicable tools ⁶	Cutter, water based ball-point pen, oil based ball-point pen		Cutter, water based ball-point pen, oil based ball-point pen, pouncing tool				
Type of command	MGL-llc / lc1						
Interface	USB			USB, RS-232C			
Receiver buffer size	30 MB (20 MB when in sorting)						
Operational environment	Temperature: 5 - 35°C (41 - 95°F) / Humidity: 35 - 75% (Rh) Non-condensation						
Power requirement	AC100V - 240V, 100 VA or less		AC100V - 240V, 120 VA or less		AC100V - 240V, 130 VA or less		
Dimensions (W x D x H)	960 x 430 x 335 mm		1,435 x 580 x 1,125 mm	1,735 x 580 x 1,125 mm	1,285 x 700 x 1,217 mm	1,825 x 700 x 1,217 mm	2,125 x 700 x 1,217 mm
Weight (with stands)	18 kg		38 kg	44 kg	50 kg	60 kg	69 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
Blade for rubber sheet (CG-60 / CG-SR11)	SPB-0005
Blade for sheet cutter (CG-FXII)	SPA-0119

TOOLS & ACCESSORIES	CG-60SR / CG-60SL	CG-100 / 130 SR11	CG-75 / 130 / 160 FXII
Cutter holder	SPA-0001	SPA-0090	SPA-0090
Pen holder	SPA-0121	N/A	N/A
Pen adapter	N/A	SPA-0169	N/A
Pouncing set	N/A	N/A	OPT-C0095
Pen-line	SPC-0487	N/A	SPC-0359 / -0354 / -0382
Pen-line rubber	SPC-0495	SPC-0598 / -0599	SPC-0358 / -0353 / -0381
Roll set	N/A	OPT-C0223 / -C0224	OPT-C0185 / -C0183 / -C0187
Sheet basket	N/A	OPT-C0221 / -C0222	OPT-C0184 / -C0182 / -C0186

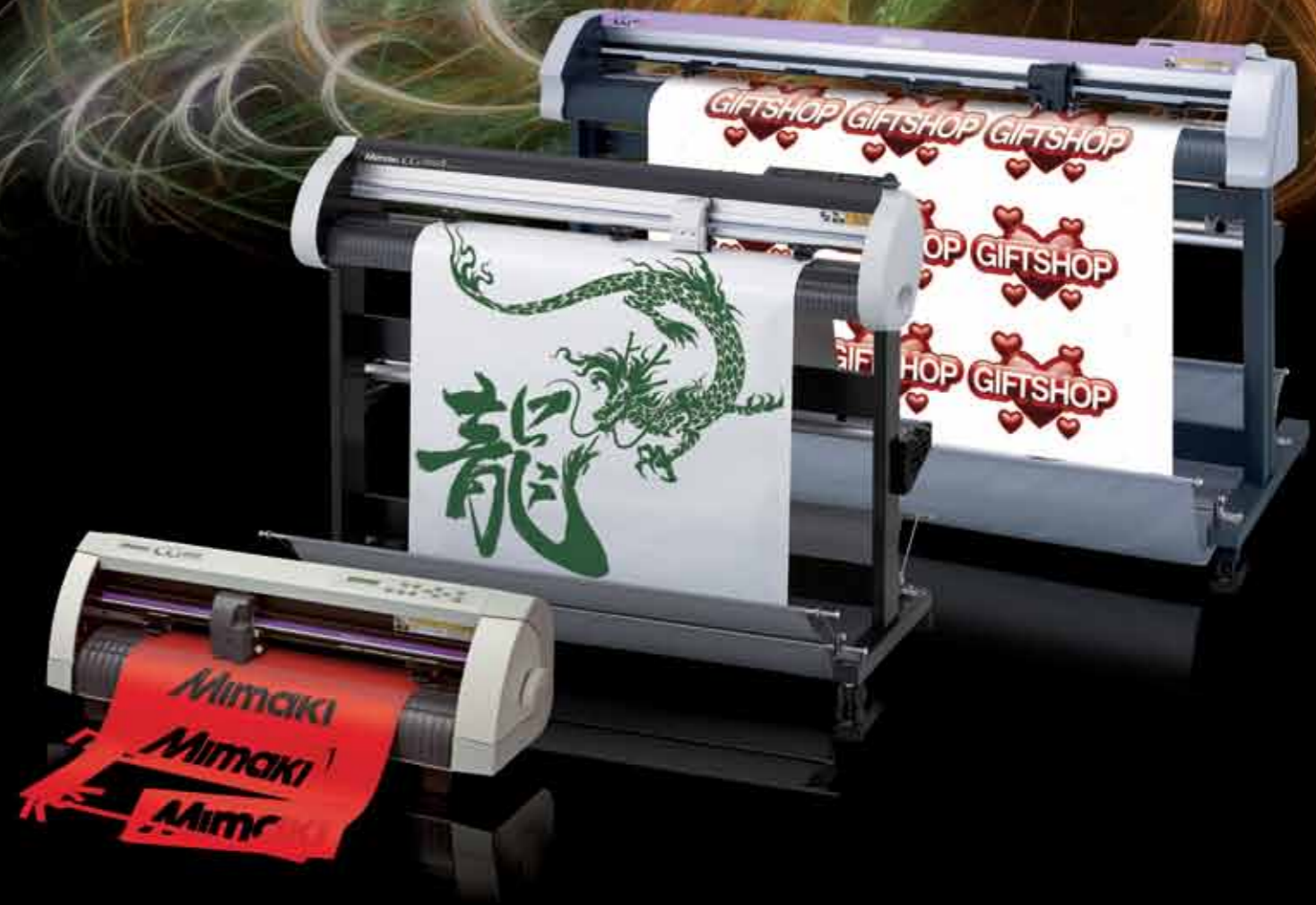
1. Max. sheet feeding length differs depending on the software
2. Max. moving speed at 45° direction with pen up.
The plotter cannot perform cutting (plotting) at the specified maximum speed or maximum acceleration.
3. May be limited by sheet width.
4. Depending on the specified film and cutting conditions.
5. Provided that the blade specific for fluorescent type vinyl or for reflective sheet are used.
6. The goods on the market are 8 - 9 mm pen. No guarantee on accuracy.

• 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 • Composer's errors reserved

CG-60 SERIES
CUTTING PLOTTERS

CG-SR11
series

FXII series



A cutting plotter for every purpose...

Mimaki

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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...

CG-60 SERIES CUTTING PLOTTERS

- COMPACT DESKTOP CUTTING PLOTTER
- 60 CM CUTTING WIDTH
- 85 CM/S MAX. MOVING SPEED
- ACCURATE CONTOUR CUTTING
- HALF-CUT FUNCTION
- OVER-CUT FUNCTION
- PLUG-IN SOFTWARE INCLUDED



CG-60 Series delivers ...

- Compact and stylish desktop format
- Up to 606 mm cutting width
- Up to 60 cm/s cutting speed
- Fast and accurate contour cutting
- Half-cut function holds image in place after cutting for perfect stickers & decals
- Professional & user-friendly software package included as standard

CG-SR II series CUTTING PLOTTER

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

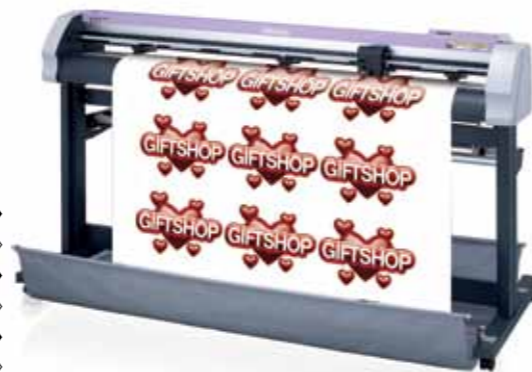


CG-SR II Series delivers ...

- Wider roll cutting format for professional use
- Stunning value & highly competitive performance
- 2 different models available (1070 mm & 1370 mm)
- Up to 60 cm/s cutting speed
- Fast and accurate contour cutting
- Real-time Stroke Control function for automatic blade pressure adjustment
- 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



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

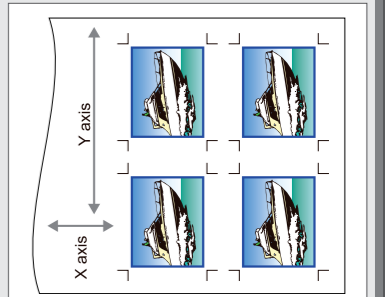
KEY TECHNICAL FEATURES ...

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.

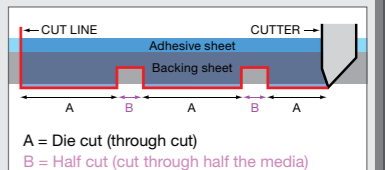


By continuously detecting a maximum of 4 register marks nested images in both X and Y axis direction can be cut aligning each image automatically. Detecting one register mark is sufficient when using Mimaki's FineCut software.



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.



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...