

FineCut 8

Professional Cutting Software
for Adobe® Illustrator®
and CorelDRAW™



SOPHISTICATED CUTTING SOFTWARE MAXIMIZES PERFORMANCE

Automatic split cut function.

FineCut8 prevents over-cut on thick substrates by automatically splitting the cutline to 2 steps from either the cutline ends to the center, or from the center to the ends.

Specify separate cut layers.

The Cut Layer Creation function lets you specify within Illustrator or CorelDRAW specific layers, apart from printing layers, for die cutting data.

Improved register mark creation.

A recommended mark size is displayed, to assist in avoiding errors in mark reading.

CG-FXII SERIES SPECIFICATIONS | ACCESSORIES

Item	CG-75FX-II	CG-130FX-II	CG-160FX-II
Acceptable Sheet Width	3.5" - 40.9" (9-104cm)	3.54" - 62" (9-1580cm)	3.5" - 74" (9-188cm)
Acceptable Roll Sheet	Outer dia. less than 7.8" (20cm) Weight less than 39.6 lbs. (18kg)		Outer dia. less than 7.8" Wt. less than 48.5 lbs. (22kg)
Effective Cutting Area ¹	29.9" x 167" (76cm x 51m)	51.2" x 167" (130cm x 51m)	62.9" x 167" (160cm x 51m)
Max. Auto-Cutting Width ²	34.2" (87cm)	56.1" (142cm)	67.7" (172cm)
Maximum Cutting Speed	39.3" (100cm) / second		
Maximum Moving Speed	55" (140cm) / second		
Adjustable Speed Range ³	0.39" - 3.94" (1-10cm) / second : 0.39" (1cm) step adjustment		
	3.94" - 19.88" (10-50cm) / second : 2" (5cm) step adjustment		
	19.68" - 39.37" (50-100cm) / second : 3.94" (10cm) step adjustment		
Mechanical Resolution	.0002"		
Command Resolution	25 µm or 10 µm -MGL-IIc		
Repeatability	±0.2mm (excluding shrinkage/expansion caused by the film temperature)		
Pen Pressure	400g		
Range of Down Pressure	Cutter	10-20g (2g step), 20-100g (5g step), 100-400g (10g step)	
	Pouncing	10-20g (2g step), 20-100g (5g step), 100-400g (10g step)	
	Pen	10-20g (2g step), 20-100g (5g step), 100-150g (10g step)	
Acceptable Sheet for Cutting ⁴	Vinyl up to .01" (.25mm) thickness, Fluorescent type vinyl reflective sheet		
Acceptable Sheet for Pouncing ⁵	Paper thickness: .0024" - .005" (.06-.13mm)		
Acceptable Tools ⁶	Cutter, Water-based Ball Point Pen, Oil-based Ball Point Pen, Bouncing Tool		
Type of Command	MGL-IIc		
Interface	RS-232C, USB		
Receiver Buffer Size	30 MB Standard (20 MB when sorting)		
Operational Environment	Temperature: 41°F - 95°F (5-35°C)		
	Humidity: 35% - 65% Rh (non-condensing)		
Power Requirement	AC 100V - 240V		
Power Consumption	130VA or less		
Dimensions (WxDxH)	50.5" x 27.5" x 47.9" (128x70x122cm)	71.8" x 27.5" x 47.9" (182x70x122cm)	83.6" x 27.5" x 47.9" (212x70x122cm)
Weight	110 lbs. (50kg)	132 lbs. (60kg)	152 lbs. (69kg)

Item	CG-75FX-II	CG-130FX-II	CG-160FX-II
Cutter Holder	SPA-0090		
Blade for Sheet Cutter	SPA-0119		
Pouncing Set	OPT-C0095 (Holder, Needle)		
Pen-Line Rubber	SPC-0358	SPC-0353	SPC-0381
Pen-Line Sponge	SPC-0359	SPC-0354	SPC-0382
Roll Set	OPT-C0185	OPT-C0183	OPT-C0187
Sheet Basket	OPT-C0184	OPT-C0182	OPT-C0186

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.)

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- 1 - Maximum sheet feeding length differs depending on the software.
- 2 - Sheet width to cut off from the roll.
- 3 - Restricted sheet width.
- 4 - Provided that the blade specific to fluorescent type vinyl (SPB-0007) and the blade specific to reflective sheet (SPB-0006) are used.
- 5 - Pouncing tool intended specifically for pouncing should be used.
- 6 - The goods on the market are ø8~ø9. No guarantee with accuracy and image quality.

CG-FXII



Mimaki CG-FXII Series Cutting Plotters

Precision cutting plotters for roll media available in three sizes to accommodate maximum media widths of 74, 62 and 40 inches.

CG-FXII shown with optional Sheet Basket.



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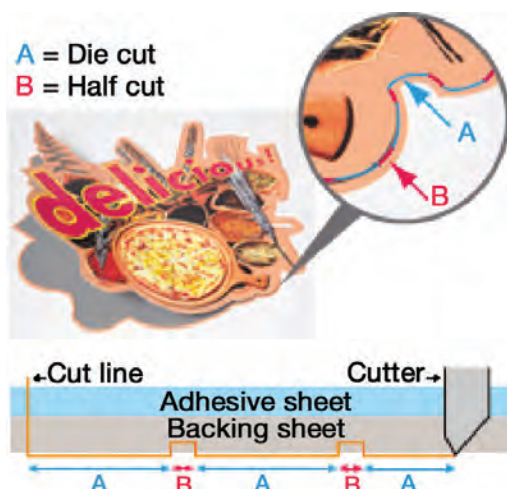
CG-FXII features-at-a-glance

- Selectable clamp pressure.
- Selectable three jog speeds.
- Over-cut starting / ending function.
- Media can be loaded from back or front.
- Accommodates up to six rolls of media.
- Includes adapter for commercially available pens.

ADVANCED CUTTING TECHNOLOGY

Combination full and half-cut functionality.

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 easily removed or the complete sheet or roll can be sent to the customer. Media without a backing sheet can also be half-cut.

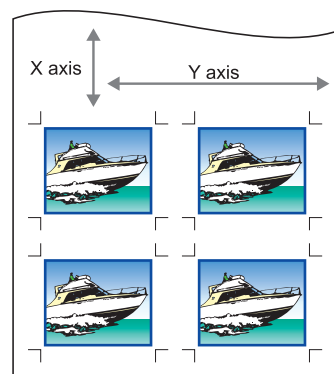


Over-cut function.

The over-cut function overlaps the start and end points of the media, thus eliminating cut lines that not completely cut.

Accurate crop mark detection for high-speed cutting.

By continuously detecting a maximum of four register marks, nested images in both the X and Y axis direction can be cut aligning each image automatically. Detecting one register mark is sufficient when using Mimaki's FineCut8 software.

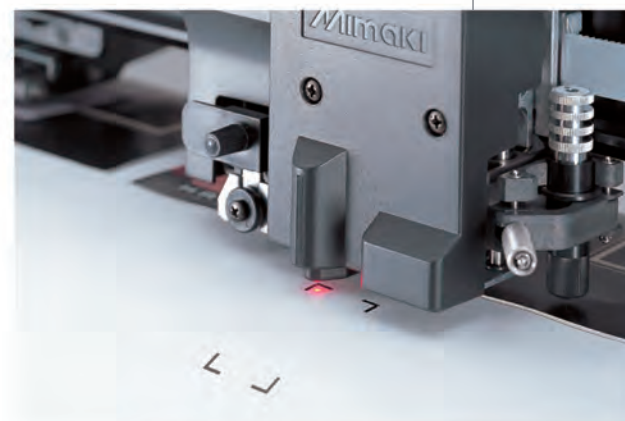


High speed, wide-format multi-function cutter.



CG-FXII-160 shown with optional Sheet Basket.

The **CG-FXII Cutter Series** of roll-based cutters are available in two widths. These models feature high speed, continuous crop mark detection for precise contour cutting. A proprietary half-cut function leaves a small bit of backing sheet at connecting points for easier handling. An over-cut function makes a cross cut at the start and end positions, resulting in sharp edges with no undercut fragments. These models are ideal for producing decals, stickers, cut-vinyl signs and more.



CONTINUOUS CROP MARK DETECTION

An optical sensor enables automatic, consecutive detection of crop marks throughout the nested image, in combination with an automatic adjustment function for precise contour cutting.



ENGINEERED CUTTING HEAD UNIT

Selectable, three jog speeds ensure proper and easy positioning of the head to the point. Media can be automatically cut into manageable sheets with a standard horizontal sheet cutter.



INNOVATIVE HALF-CUT FUNCTION

With the proprietary half-cut function, the backing sheet can be cut leaving behind a small connecting point that can be easily detached when necessary. This enables easier handling when removing the contour cut piece from the sheet.