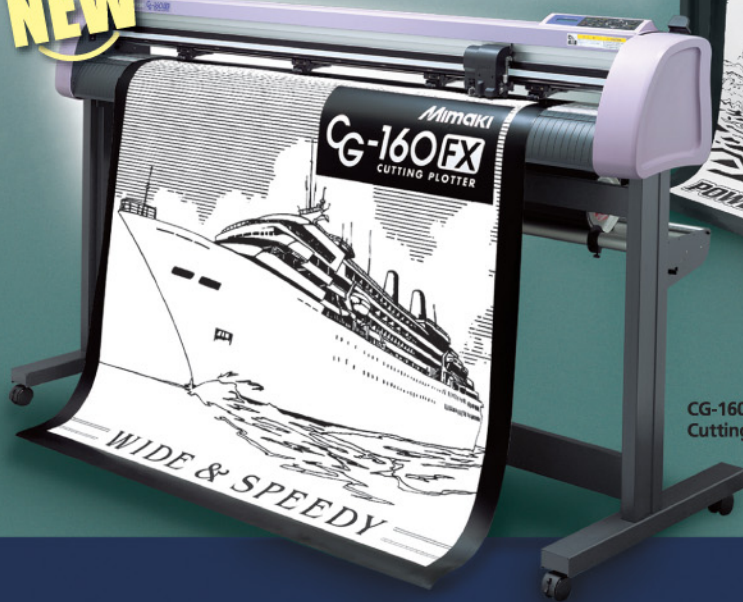


# Freedom.

Mimaki's FX Series cutters give you that — and more!

The next step in the evolution of high-quality cutting plotters: the Mimaki FX Series. They're capable of hitting even the most complicated contour cuts with the kind of speed and precision you need, in three perfect sizes.

**NEW**



CG-160FX  
Cutting Plotter



CG-130FX  
Cutting Plotter



CG-75X  
Cutting Plotter

Best of all they're automatic. The breakthrough technology of our photo-electric eye sensor allows for precise continuous contour cutting of your entire roll of media, giving you the ability to load them up — and walk away.

Now that's freedom.

## Create stickers without a pattern!



Nesting with the  
inkjet plotter JV3 series



Cutting with the CG-FX series as a *PRINT-CUT* solution



Equipped with plug-in cutting software  
"Fine Cut 3" for Corel Draw and  
"Fine Cut 5" for Illustrator

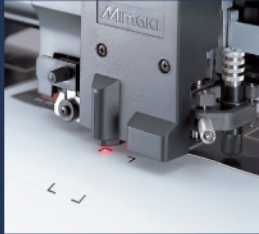
**Mimaki**  
ENGINEERED FOR QUALITY



# Let your imagination free!

## CG-75FX · CG-130FX · CG-160FX Cutting Plotters

- Selectable clamp pressure with settings to permit a more accurate cut
- Selectable jog speed of low/medium/high settings to ensure proper and easy positioning of the media
- You can load media from the back or the front
- RS232C, USB interface is available
- The media roll holder will hold a total of six rolls simultaneously
- Optional and exclusive pen adapter can be used
- Pouncing tool is available as an option



The optical sensor comes with an LED pointer (light pointer) for ease of use.

### High speed continuous crop mark detection

An optical sensor enables automatic consecutive detection of registration marks throughout the nested image which the inkjet printers print, in combination with the automatic correcting feature that allows you to obtain a precise cut.

A much more accurate cut by constantly detecting a maximum of four points continuously and evenly allowing the user to input the number of copies in each X/Y direction.

### Engineered head unit

Automatic sheet cutter mechanism provides great flexibility and enhances performance.



AUTOMATIC SHEET CUTTER LIGHT POINTER



### Functional and advanced design

- Easy operation with back-lit front panel
- Convenient compartment is located on the upper portion of the frame



## FX Series Cutting Plotter Specifications

**Mimaki**

Item		CG-75FX	CG-130FX	CG-160FX
Acceptable sheet width		3.54" ~ 40.9" (90 mm ~ 1,040 mm)	3.54" ~ 62" (90 mm ~ 1,580 mm)	3.54" ~ 74" (90 mm ~ 1,880 mm)
Acceptable roll sheet		Outer less than Ø200 mm, Roll weight less than 18 kg		Outer < Ø200 mm, Roll weight < 22 kg
Effective cutting area <sup>1</sup>		29.9" x 167" (760 mm x 51 m)	51.2" x 167" (1,300 mm x 51 m)	62.9" x 167" (1,600 mm x 51 m)
Maximum auto cutting width <sup>2</sup>		34.2" (870 mm)	56.1" (1,425 mm)	67.7" (1,720 mm)
Maximum cutting speed		39.3"/s (100 cm/s)		
Maximum moving speed		55"/s (140 cm/s)		
Adjustable speed range <sup>3</sup>		0.39"–3.94"/s: 0.39" step adjustment (1–10 cm/s: 1 cm step adjustment) 3.94"–19.68"/s: 2" step adjustment (10–50 cm/s: 5 cm step adjustment) 19.68"–39.37"/s: 3.94" step adjustment (50–100 cm/s: 10 cm step adjustment)		
Mechanical resolution		0.0002" (5m)		
Command resolution		0.001" or 0.0004" (25m or 10m) – MGL-IIc		
Repeatability		0.2 mm (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 <sup>4</sup>		Vinyl up to 0.006" (0.15 mm) thickness, fluorescent type vinyl reflective sheet		
Acceptable sheet for pouncing <sup>5</sup>		Paper thickness: 0.0024" ~ 0.005" (0.06 ~ 0.13 mm)		
Applicable tools <sup>6</sup>		Cutter, water based ball-point pen, oil based ball-point pen, pouncing tool		
Type of command		MGL-IIc		
Interface		RS-232C, USB		
Receiver buffer size		30 MB standard (20 MB when in sorting)		
Operational environment		Temperature: 41 ~ 95F (5 ~ 35C) Humidity: 35% ~ 75% (Rh) non-condensation		
Power requirement		AC 100V ~ 240V		
Power consumption		130VA or less		
Dimensions (W x D x H)		50.5" x 27.5" x 47.9" (1285 x 700 x 1217mm)	71.8" x 27.5" x 47.9" (1825 x 700 x 1217mm)	83.6" x 27.5" x 47.9" (2125 x 700 x 1217mm)
Weight (with stands)		110 lbs. (50 kg)	132 lbs. (60 kg)	152 lbs. (69 kg)

OPTIONAL TOOLS	CG-75FX	CG-130FX	CG-160FX
Cutter holder	SPA-0090		
Blade for sheet cutter	SPA-0119		
Pouncing set	OPT-C0095 (Holder x 1, Needle x 2)		
Pen-line rubber	M700347	M700341	M700373
Pen-line sponge	M700348	M700342	M700374
Pen adaptor	SPA-0121		
Roll set	OPT-CO185	OPT-CO185	OPT-CO185
Sheet basket	OPT-CO184	OPT-CO184	OPT-CO184

#### VARIETY OF BLADES

Standard blade for vinyl SPB-0030  
For reflective sheet SPB-0006  
For fluorescent sheet SPB-0007  
For vinyl sheet and paper SPB-0001  
For small character SPB-0003

All our products are manufactured under our quality assurance system certified by ISO 9001.

**JSA** JSAQ417  
**JAB** JABQ417  
A-2002-09-5-a

All trade marks or registered trade marks are the property of the respective owners.

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 vinyl (SPB-0007) and the blade specific to reflective sheet (SPB-0006) are used. 5) Pouncing tool intended specifically for pouncing must be used. 6) The goods on the market are ø8-ø9 pen. No guaranty with accuracy and image quality. Information shown in this specification sheet is subject to change without notice.

**Mimaki USA, Inc.** [www.mimakiusa.com](http://www.mimakiusa.com)  
140 Satellite Boulevard, NE, Suwanee, Georgia 30024-7128  
Atlanta 888-530-3988 · Boston 888-530-3986 · Los Angeles 888-530-3987 · Chicago 888-530-3985

For inquiries outside the U.S.A., please contact:  
**Mimaki Engineering Co., Ltd.**

TKB Gotenyama Bldg. 5-9-41 Kita Shinagawa, Shinagawa-ku, Tokyo 141-0001, Japan  
Phone: +81-3-5420-8671 Fax: +81-3-5420-8687 [www.mimaki.co.jp](http://www.mimaki.co.jp)

DEALER: