

World standard of multi cutting plotter

**CG-FX series** CG-75FX CUTTING PLOTTER / CG-130FX CUTTING PLOTTER / CG-160FX CUTTING PLOTTER

- High speed continuous crop mark detection
- Automatic media cut (Y direction)

# FX Series



**NEW!** CG-160FX CUTTING PLOTTER

## Expressiveness and Functionality

Create Stickers Without 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 CorelDRAW and  
**Fine Cut 5** for Illustrator

Selectable clamp pressure with high and low setting 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 back or front.

RS232C, USB interface is available.

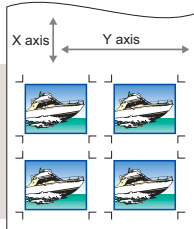
The media roll holder will hold a total of 6 rolls simultaneously.

Optional and exclusive pen adapter can be used.

Pouncing tool is available as an option.



The Optical sensor comes with a LED pointer (Light pointer) for ease of use.



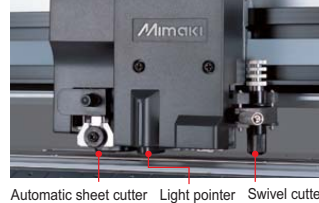
**High speed continuous crop mark detection**

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 contour cut.

A much more accurate cut by constantly detecting a maximum of 4 points continuously and even allowing the user to input number of copies in each X/Y direction.

**Engineered Head Unit**

Automatic sheet cutter mechanism provides great flexibility and enhance performance.



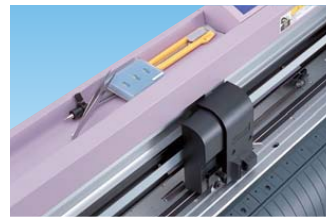
Automatic sheet cutter Light pointer Swivel cutter



**Functional and advanced design**

Easy operation with back-lit front panel.

Convenient compartment located on the upper portion of the frame.



**Specifications**

Item	CG-75FX	CG-130FX	CG-160FX	
Acceptable sheet width	90mm~1,040mm (3.54"~40.9")	90mm~1,580mm (3.54"~62.0")	90~1,880mm (3.54"~74")	
Acceptable roll sheet	Outer less than φ200mm, Roll weight less than 18kg		Outer less than φ200mm Roll weight less than 22kg	
Effective cutting area <sup>※1</sup>	760mm × 51m (29.9" × 167')	1,300mm × 51m(51.2" × 167')	1,600mm × 51m(62.9" × 167' )	
Maximum auto cutting width <sup>※2</sup>	870mm (34.2" )	1,425mm (56.1" )	1,720mm (67.7" )	
Maximum cutting speed	100cm/s (39.3"/s)			
Maximum moving speed	140cm/s (55"/s)			
Adjustable speed range <sup>※3</sup>	1-10cm/s : 1cm step adjustment(0.39°-3.94°/s : 0.39° step adjustment)			
	10-50cm/s : 5cm step adjustment(3.94°-19.68°/s : 2° step adjustment)			
	50-100cm/s : 10cm step adjustment(19.68°-39.37° : 3.94° step adjustment)			
Mechanical resolution	5 μm(0.0002")			
Command resolution	25 μm or 10 μm(0.001" or 0.0004")-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 <sup>※4</sup>	Acceptable	Vinyl up to 0.15mm(0.006")thickness, Fluorescent type vinyl Reflective sheet		
sheet for pouncing <sup>※5</sup>		Paper thickness: 0.06~0.13mm (0.0024"~0.005")		
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		30MB Standard (20MB when in sorting)		
Operational Environment	Temperature	5~35°C (41~95 ° F)		
	Humidity	35~75%(Rh) Non-condensation		
Power requirement		AC100V~240V		
Power consumption		130VA or less		
Dimensions (W × D × H)		1,285mm (50.5" ) × 700mm	1,825mm (71.8" ) × 700mm	2,125mm (83.6" ) × 700mm
		(27.5" ) × 1,217mm (47.9" )	(27.5" ) × 1,217mm (47.9" )	(27.5" ) × 1,217mm (47.9" )
Weight (with stands)		50kg(110 lbs.)	60kg(132 lbs.)	69kg (152lbs.)

- ※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 shall be used.
- ※6: The goods on the market are φ8~φ9 Pen. No guarantee with accuracy, and image quality.

**Optional Tools and Accessories**

	CG-75FX	CG-130FX	CG-160FX
Cutter holder	SPA-0090		
Blade for sheet cutter	SPA-0119		
Pouncing set	OPT-C0095 (Holder × 1, Needle × 2)		
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

**Variety of Blades**

	CG-75FX	CG-130FX	CG-160FX
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		



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