

New Cutting Plotter

Mimaki

FX Series

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



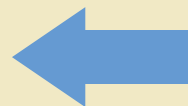
- *High speed continuous crop mark detection*
- *Automatic media cut (Y direction)*
- *Equipped with Plug-in cutting software "Fine Cut 3" for CorelDRAW and "Fine Cut 4" for Illustrator*



Without
sticker
pattern



Nesting with the
Inkjet plotter
JV3-160S/250SP



Cutting with the
CG-FX series as a
Print-cut solution

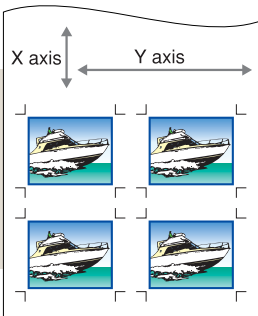




High speed continuous crop mark detection[※]

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.

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



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.

[※]This feature is only available when using "Fine Cut 3" and "Fine Cut 4".

- Selectable clamp pressure with high and low setting to permit a more accurate cut.
- Selectable jog speed of low medium and 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 rear 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.

Specifications

Model	CG-75FX	CG-130FX
Acceptable sheet width	90mm~1,040mm (3.54"~40.9")	90mm~1,580mm (3.54"~62.0")
Acceptable roll sheet	Outer less than ϕ 200mm, Roll weight less than 18kg	
Effective cutting speed range ^{※1}	760mm X 51m (29.9" X 167')	1,300mm X 51m (51.2" X 167')
Maximum auto cutting area	870mm	1,425mm
Maximum cutting speed	100cm/s (39.3"/s)	
Maximum moving speed	140cm/s (55"/s)	
Adjustable speed range ^{※2}	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	0.005mm (0.0002")	
Command resolution	0.025mm or 0.01mm (0.001" or 0.0004")-MGL-II c	
Repeatability	\pm 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 ^{※3}	Vinyl up to 0.15mm (0.006") thickness, Fluorescent type vinyl, Reflective sheet (Engineering grade)	
Acceptable sheet for pouncing ^{※4}	Paper thickness: 0.06~0.13mm (0.0024"~0.005")	
Applicable tools ^{※5}	Cutter, Water based ball-point pen, Oil based ball-point pen, Pouncing tool	
Type of command	MGL- II c	
Interface	RS-232C, USB	
Receiver buffer size	30MB Standard (20MB when in sorting)	
Operating Environment	Temperature	5~35 deg. Celsius (41~95 deg. Fahrenheit)
	Humidity	35 ~75% (Rh) Non-condensing
Power requirement	AC100V~240V	
Power consumption	130VA or less	145VA or less
Weight (with stands)	50kg (110 lbs.)	60kg (131 lbs.)

^{※1}: Maximum sheet feeding length differs depending on the software.

^{※2}: Restricted sheet width.

^{※3}: Provided that the blade specific to fluorescent type vinyl (SPB-0007) and the blade specific to reflective sheet (SPB-0006) are used.

^{※4}: Pouncing tool intended specifically for pouncing shall be used.

^{※5}: The goods on the market are ϕ 8~ ϕ 9 Pen. No guaranty with accuracy, and image quality.

Specifications are subject to change without prior notice.

Equipped with Plug-in cutting software "Fine Cut 3" for CorelDRAW and "Fine Cut 4" for Illustrator

Optional Tools and Accessories

- Cutter holder SPA-0090
- Blade for sheet cutter SPA-0119
- Pen-line rubber SPC-0353
- Pen-line sponge SPC-0354
- Pouncing set OPT-C0095 (Holder x1, Needle x2)
- Roll set FX OPT-C0183
- Sheet basket OPT-C0182

Exclusive for CG-75FX

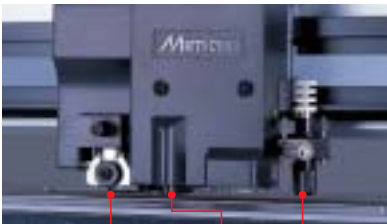
- Pen-line rubber 75 SPC-0358
- Pen-line sponge 75 SPC-0359
- Roll set 75 OPT-C0185
- Sheet basket 75 OPT-C0184

Vriety 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

Newly 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 storage located on the upper portion of the frame.



[※]Specifications are subject to change without notice.

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