

CG-SRIII



CG-SRIII-60 shown with optional stand

Mimaki CG-SRIII Series Cutting Plotters

Precision cutting plotters for roll media available in three sizes to accommodate maximum media widths of 29, 49 and 61 inches.



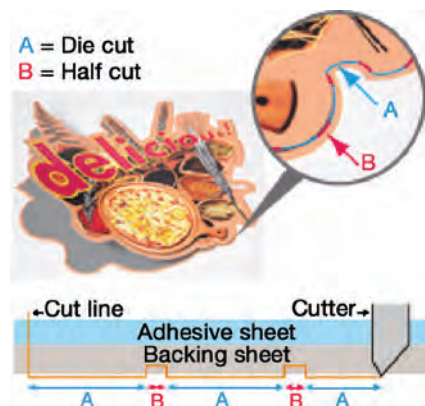
CG-SRIII features-at-a-glance

- Available in 29-, 49- and 61-inch widths.
- Continuous crop mark detection.
- Over-cut starting / ending function.
- Media can be loaded from back or front.
- Half-cut function; segment compensation.
- FineCut8 and SimpleCut software included.

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.

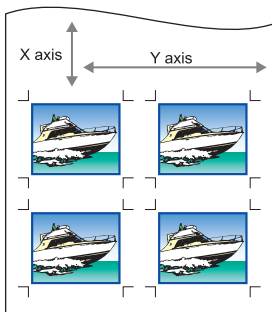


Over-cut function.

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.

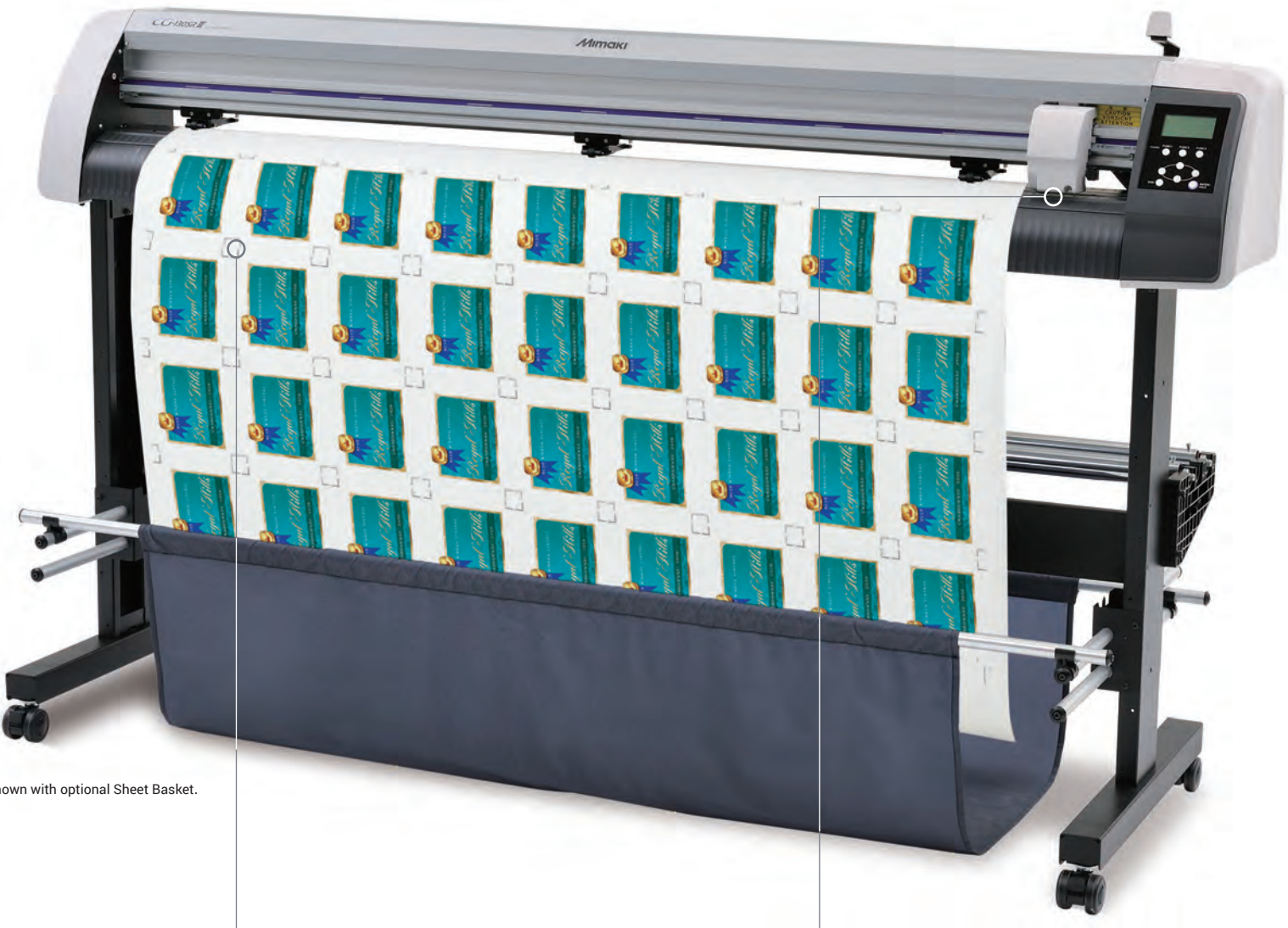


Segment compensation.

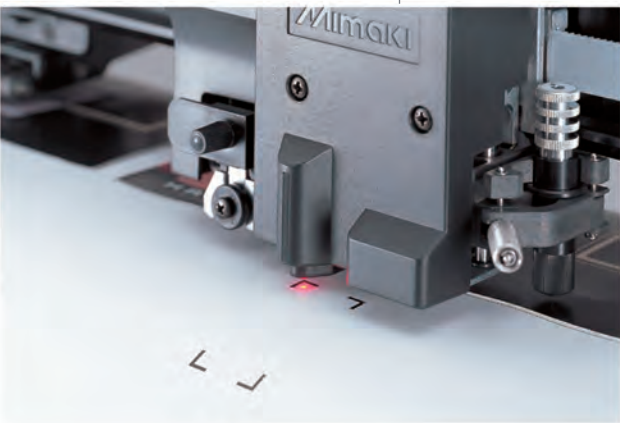
For accurate cutting of long length images, the CG-SRIII cutter detects intermediate segment crop marks that enable four-point corrections for each segment.

Technologically advanced and affordable wide-format contour cutter.

The **Mimaki CG-SRIII Series** of roll-based cutters is available in three versatile widths. These models feature 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. Accurate long-length cutting is enabled through segment compensation. These cutting plotters are ideal for producing decals, stickers, cut-vinyl signs and so much more.



CG-SRIII-130 shown with optional Sheet Basket.



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 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.

fineCut 8

Professional Cutting Software
for Adobe® Illustrator®
and CorelDRAW™



Simple Cut

Professional Cutting
Software for Windows



SOPHISTICATED CUTTING SOFTWARE MAXIMIZES PERFORMANCE

Automatic split cut function.

Fine Cut 8 software prevents over-cut on thick substrates by automatically splitting the cutline to two 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-SRIII SERIES SPECIFICATIONS | ACCESSORIES

Item		CG-60SRIII	CG-100SRIII	CG-130SRIII
Acceptable Sheet Width		3.5" - 29.1" (9-74cm)	3.54" - 49.2" (9-125cm)	3.5" - 61" (9-155cm)
Effective Cutting Width		23.8" (60cm)	42.1" (107cm)	53.9" (137cm)
Max. Auto-Cutting Width		34.2" (87cm)	56.1" (142cm)	67.7" (172cm)
Maximum Cutting Speed		27.5" (70cm) / second		
Maximum Moving Speed		39.3" (100cm) / second		
Adjustable Speed Range ³		0.39" - 3.94" (1-10cm) / second : 0.39" (1cm) step adjustment		
		0.39" - 27.5" (1-70cm) / second : 2" (5cm) step adjustment		
Mechanical Resolution		X direction: 2.5 μm, Y direction: 5 μm		
Command Resolution		25μm or 10μm (MGL-IIc) / 100 μm, 50 μm (MGL-1c1)		
Repeatability ¹		±0.2mm / 2 M		
Pen Pressure		500g		
Range of Down Pressure	Cutter	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 ²		Vinyl sheet, Fluorescent type vinyl sheet, Reflective sheet, Rubber sheet		
Acceptable Tools ³		Cutter, Ball Point Pen		
Type of Command		MGL-IIc / MGL-1c1		
Interface		USB2.0, RS-232C, Ethernet		
Receiver Buffer Size		27 MB Standard (17 MB when sorting)		
Operational Environment		Temperature: 41°F - 95°F (5-35°C)		
		Humidity: 35% - 75% Rh (non-condensing)		
Power Requirement		AC 100V - 240V		
Power Consumption		145VA or less		
Dimensions (W×D×H)		40.6" x 16.9" x 13"* (130x43x33cm)	60.2" x 22.8" x 45.3" (153x58x115cm)	72" x 22.8" x 45.3" (183x58x115cm)
Weight		60 lbs. (24kg)	90 lbs. (41kg)	101 lbs. (46kg)

Item	Part No.
Standard Blades (3) for Vinyl	SPB-0030
Blades (3) for Vinyl	SPB-0001
Blades (3) for Small Character	SPB-0003
Blades (2) for Reflective Sheet	SPB-0006
Blades (3) for Fluorescent Sheet	SPB-0007
Blade Set (3) for Rubber Sheet	SPB-0084
Cutter Holder	SPA-0090
Pen Adapter	SPA-0169
Refill Type Pen Adapter	SPA-0183
Refill Lead (10) for Mitsubishi Ball Point Pen	SPC-0726
Stand for CG-60	OPT-C0235
Sheet Basket for CG-60	OPT-C0234
Sheet Basket for CG-100	OPT-C0232
Sheet Basket for CG-130	OPT-C0233
Roll Shaft for CG-100	OPT-C0223
Roll Shaft for CG-130	OPT-C0224

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 - Except for media expansion and contraction due to temperature.
- 2 - Operated with Mimaki specified media, cutter and cutting conditions. Thickness of rubber and its cutting are limited. Guaranteed accuracy environment: Temperature 54°-77°F; Humidity 45-85%.
- 3 - Our dedicated cutter blade and specified commercial ball point pens are available. (Drawing quality of ball point pen is not warranted.)
- 4 - When equipped with the optional stand (OPT-0231)



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