

Fine Cut 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-Ic1) | | |
| 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-Ic1 | | |
| 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 (WxDxH) | 40.6" x 16.9" x 13"* | 60.2" x 22.8" x 45.3" | 72" x 22.8" x 45.3" |
| | (130x43x33cm) | (153x58x115cm) | (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)

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.



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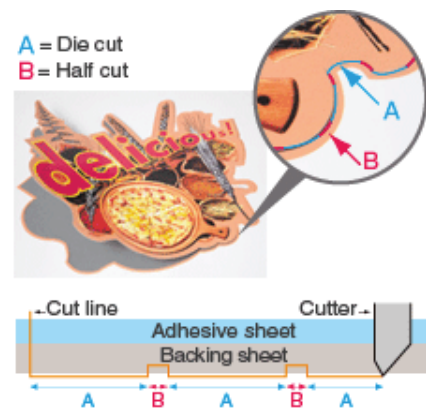
CG-SRIII features-at-a-glance

- 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.

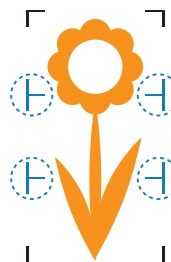
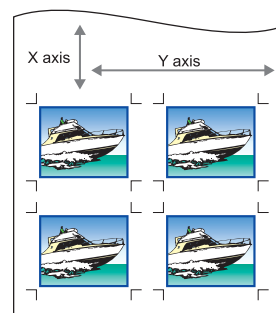


Over-cut function.

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

Accurate crop mark detection for high-speed cutting.

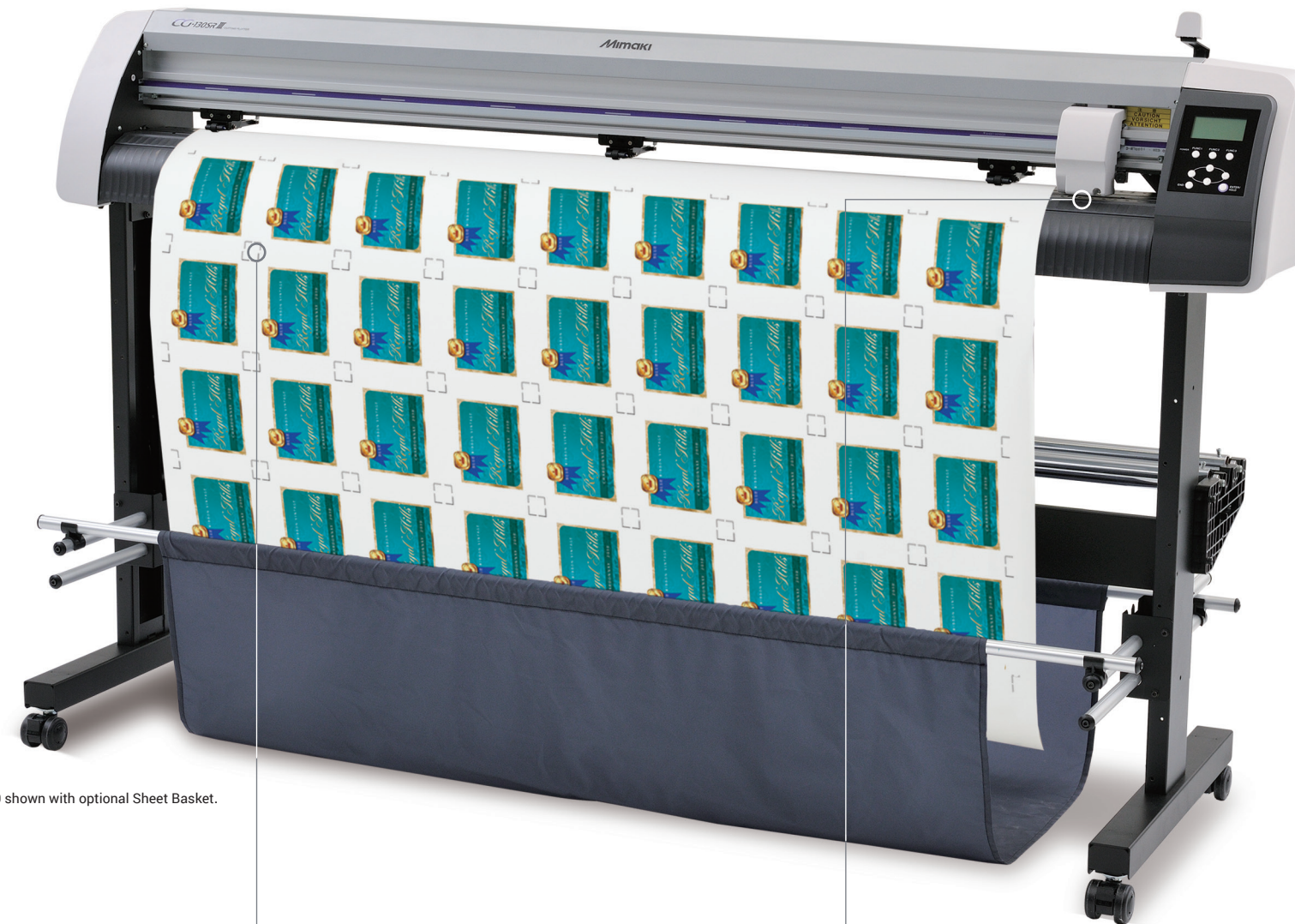
By continuously detecting a maximum of four register marks, nested images in both the X and Y axis direction can be cut aligning each image automatically. Detecting one register mark is sufficient when using Mimaki's FineCut8 software.



Segment compensation.

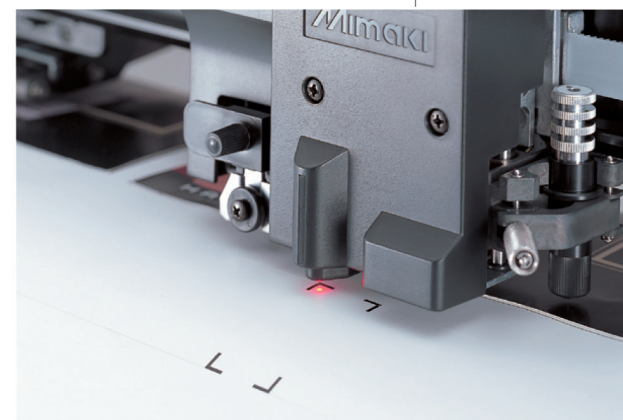
For accurate cutting of long length images, the CG-SRIII cutter detects intermediate segment crop marks that enable four-point corrections for each segment.

Technologically advanced and affordable wide-format contour cutter.



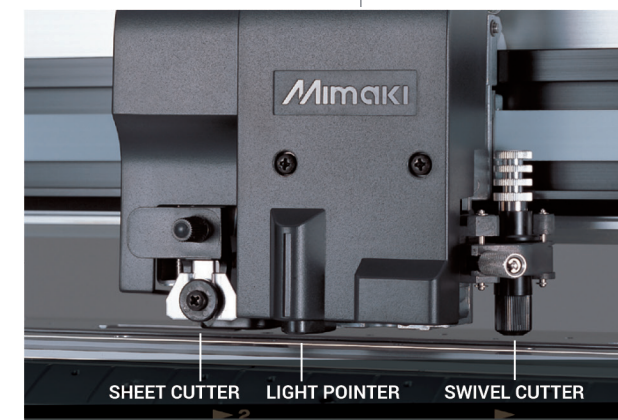
CG-SRIII-130 shown with optional Sheet Basket.

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.



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.