

# CG-SRIII Series



roll based cutting plotters

## Accurate contour cutting

The CG-SRIII Series of roll-based cutters are available in three 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.

- Three sizes: 29, 49 and 61 inches
- Continuous crop mark detection
- Half cut function
- Segment compensation
- Over cut function
- Three selectable job speeds
- Media load from front or back
- Remote event notification function
- FineCut8 and SimpleCut software included

29"

49"

61"

*For best results, always use Mimaki original supplies*

# Mimaki® CG-SRIII Series

<b>Type</b>	Roll-based cutting plotter
<b>Max media width</b> <i>min width 3.54 in (90 mm) for all models</i>	CG-60SRIII: 29.1 in (740 mm) CG-100SRIII: 49.2 in (1,250 mm) CG-130SRIII: 61 in (1,550 mm)
<b>Cutting width</b>	CG-60SRIII: 23.8 in (600 mm) CG-100SRIII: 42.1 in (1,070 mm) CG-130SRIII: 53.9 in (1,370 mm)
<b>Max cutting speed</b>	27.5 in (700 mm) per second
<b>Max moving speed</b>	39.3 in (1,000 mm) per second
<b>Adjustable speed range</b>	1 – 10 cm/s (1 cm/s step adjustment); 1 – 70 cm/s (5 cm/s step adjustment)
<b>Mechanical resolution</b>	X direction: 2.5 µm; Y direction 5 µm
<b>Program steps</b>	25 µm or 10 µm (MGL-IIC); 100 µm, 50 µm (MGL-Ic1)
<b>Repeatability</b>	+/- 0.2 mm / 2 M
<b>Effective repeatability</b>	CG-60SRIII: 586 mm x 2 M CG-100SRIII: 1,050 mm x 2 M CG-130SRIII: 1,350 mm x 2 M
<b>Downforce pressure</b>	Cutter: 10-20g (2g step), 20-100g (5g step), 100-500g (10g step) Pen: 10-20g (2g step), 20-100g (5g step), 100-150g (10g step)
<b>Command</b>	MGL-IIC, MGL-Ic1
<b>Interface</b>	USB 2.0 (High Speed), RS-232C, Ethernet
<b>Receive buffer</b>	27MB standard, 17MB when sorting
<b>Power supply</b>	AC100V – 240V, 50/60 Hz
<b>Power consumption</b>	?????????
<b>Operational environment</b>	Temperature: 41 °F – 95 °F (5 °C – 35 °C), 35%–75% Rh (Non condensing) Guaranteed range for an accurate operation: 54 °F – 77 °F (12 °C – 25 °C), 45%–65% Rh (Non condensing)
<b>Dimensions (W x D x H)</b>	CG-60SRIII: 40.6 x 16.9 x 46.6 in (1,030 x 430 x 330 mm), cutter only CG-100SRIII: 60.2 x 22.8 x 45.3 in (1,530 x 580 x 1,150 mm) CG-130SRIII: 72.0 x 22.8 x 45.3 in (1,830 x 580 x 1,150 mm)
<b>Weight</b>	CG-60SRIII: 60 lbs (24 kg), cutter only CG-100SRIII: 90 lbs (41 kg) CG-130SRIII: 101 lbs (46 kg)
<b>Options</b>	Stand for CG-60SRIII Roll shaft for CG-100SRIII and CG-130SRIII Sheet basket for all models

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Please visit us at: [www.mimakiusa.com](http://www.mimakiusa.com)

Mimaki USA, Inc.  
150-A Satellite Blvd NE, Suwanee, GA 30024

Cutting speeds and accuracy data based on factory tests using Mimaki specified media and cutting conditions, which may vary slightly by media type and thickness. Applicable range of cutting thickness may vary slightly depending on materials. Specifications subject to change without notice.

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