

CG-SRIII Series



roll based cutting plotters

29"

49"

61"

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

For best results, always use Mimaki original supplies

Mimaki® CG-SRIII Series

Type	Roll-based cutting plotter
Max media width <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)
Cutting width	CG-60SRIII: 23.8 in (600 mm) CG-100SRIII: 42.1 in (1,070 mm) CG-130SRIII: 53.9 in (1,370 mm)
Max cutting speed	27.5 in (700 mm) per second
Max moving speed	39.3 in (1,000 mm) per second
Adjustable speed range	1 – 10 cm/s (1 cm/s step adjustment); 1 – 70 cm/s (5 cm/s step adjustment)
Mechanical resolution	X direction: 2.5 µm; Y direction 5 µm
Program steps	25 µm or 10 µm (MGL-IIC); 100 µm, 50 µm (MGL-Ic1)
Repeatability	+/- 0.2 mm / 2 M
Effective repeatability	CG-60SRIII: 586 mm x 2 M CG-100SRIII: 1,050 mm x 2 M CG-130SRIII: 1,350 mm x 2 M
Downforce pressure	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)
Command	MGL-IIC, MGL-Ic1
Interface	USB 2.0 (High Speed), RS-232C, Ethernet
Receive buffer	27MB standard, 17MB when sorting
Power supply	AC100V – 240V, 50/60 Hz
Power consumption	?????????
Operational environment	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)
Dimensions (W x D x H)	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)
Weight	CG-60SRIII: 60 lbs (24 kg), cutter only CG-100SRIII: 90 lbs (41 kg) CG-130SRIII: 101 lbs (46 kg)
Options	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

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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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Rev. 04/24/19