

CG-AR Series



Roll-Based Cutting Plotters

Available in 29" and 61"

Professional Cutting Made Easy

Perfect for any customer, these precision cutting devices offer repeatable fast cutting on a wide range of media. Perfect for t-shirt transfers, decals, window lettering, cardstock projects and more. Compatible with Windows® and MacOS® computers, these cutting devices are perfect for hobbyists and production businesses alike.

- Available in 29" and 61"
- Continuous crop mark detection for contour cutting; half cut function for easier handling
- Three selectable job speeds
- Media can be loaded from front or back
- Remote event notification function
- Perfect companion for any Mimaki roll-to-roll printer
- FineCut9 and SimplePop software included

Mimaki® CG-AR Series

Type	Roll-based cutting plotter
Maximum Media Width	CG-60AR: 29.1" (740 mm) CG-130AR: 61" (1550 mm)
Cutting Width	CG-60AR: 23.9" (600 mm) CG-130AR: 53.9" (1370 mm)
Maximum media thickness	Recommended sheets up to 0.01" (.25mm) including laminate and liner; Up to 0.04" (1mm) max (results may vary)
Maximum Cut Speed	28.7"/s (73 cm/s)
Moving speed second	40.5"/s (103 cm/s)
Maximum Cut pressure (Metric grams)	550g
Adjustable speed range	1-10cm/s: 1cm/s step adjustment 1-73cm/s: 5cm/s step adjustment
Cutter Types	1-73cm/s: 5cm/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
Downforce pressure	Cutter: 10-20g (2g step), 20-100g (5g step), 100-550g (10g step) Pen: 10-20g (2g step), 20-100g (5g step), 100-150g (10g step)
Command	MGL-IIc, MGL-Ic1
Interface	USB, RS-232C, Ethernet
Receive buffer	27MB standard, 17MB when sorting
Power supply	AC 100 V – 240 V 1A 50/60Hz
Power consumption	168W or less 228W or less 228W or less
Operational Environment	Temperature: 5 – 35 degC (41 – 95 degF), Humidity: 35 – 75 % Rh (Non-condensing)
Dimensions (W x D x H)	CG-60AR: 1,030 mm x 287 mm x 335 mm (40.6 in x 11.3 in x 13.2 in) CG-130AR: 1,830 mm x 580 mm x 1,150 mm (72.0 in x 22.8 in x 45.3 in)
Weight	CG-60AR: 37.5 lbs. (17 kg) CG-130AR: 94.8 lbs. (43 kg)

Roll-Based Cutting Plotters

Available in 29" and 61" 9" and 61"

Please visit us at: www.mimakiusa.com

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Print speeds are based on factory tests. Total throughput depends upon front-end driver/RIP, file size, printing resolution, ink coverage, network speed, etc. For best performance, always use Mimaki original inks. Specifications subject to change without notice.

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