

CG-FXII Series



roll based cutting plotters

62"

74"

Accurate contour cutting

The CG-FXII Series cutters feature high speed, 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. An over cut function makes a cross cut at the start and end positions, resulting in sharp edges with no undercut fragments. These models are ideal for producing decals, stickers, cut-vinyl signs and more.

- High speed, continuous crop mark detection
- Half cut function
- Over cut function
- Selectable clamp pressure
- Three selectable job speeds
- Media load from front or back
- FineCut8 software included

For best results, always use Mimaki original supplies

Mimaki® CG-FXII Series

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|--------------------------------|---|
| Type | Roll-based cutting plotter |
| Max media width | CG-130FXII: 62 in (1,580 mm) |
| | CG-160FXII: 74 in (1,880 mm) |
| Cutting width | CG-130FXII: 51.2 in (1,300 mm) |
| | CG-160FXII: 62.9 in (1,600 mm) |
| Max media thickness | 0.01 in (0.25 mm) for cutting |
| Max cutting speed | 39.3 in (1,000 mm) per second |
| Max moving speed | 55 in (1,400 mm) per second |
| Adjustable speed range | 1-10cm/s: 1cm step adjustment (0.39 in-3.94 in/s: 0.39 in step adjustment) |
| | 10-50cm/s: 5cm step adjustment (3.94 in-19.68 in/s: 2 in step adjustment) |
| | 50-100cm/s: 10cm step adjustment (19.68 in-39.37 in: 3.94 in step adjustment) |
| Mechanical resolution | 5 µm (0.0002 in) |
| Program steps | 25 µm or 10 µm (MGL-IIc) or 0.0004 in |
| Repeatability | +/- 0.2 mm |
| Downforce pressure | Cutter: 10-20g (2g step), 20-100g (5g step), 100-400g (10g step) |
| | Pouncing: 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) |
| Command | MGL-IIc |
| Interface | USB, RS-232C |
| Receive buffer | 30MB standard, 20MB when sorting |
| Power supply | AC100V-240V, 50/60 Hz |
| Operational environment | Temperature: 41 °F – 95 °F (5 °C – 35 °C), 35%–75% Rh (Non condensing) |
| Dimensions (W x D x H) | CG-130FXII: 71.8 x 27.5 x 47.9 in (1,830 x 700 x 1,220 mm) |
| | CG-160FXII: 83.6 x 27.5 x 47.9 in (2,130 x 700 x 1,220 mm) |
| Weight | CG-130FXII: 132 lbs. (60 kg) |
| | CG-160FXII: 152 lbs. (69 kg) |

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Please visit us at: 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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