Mimaki Cutting Plotters and Flatbed Cutters Cheat Sheet

CG roll cutters and CF, CFL and CFX flatbed cutting tables: cutting size, speed, tools and footprint from the Mimaki specification sheets.

Model comparison (Mimaki specification sheets)

Model(s)	Print / cut size	Resolution / accuracy	Speed	Inks or tools	Dimensions	Weight
CG-60AR, CG-130AR	CG-60AR: 23.9” (600 mm)	X direction: 2.5 µm; Y direction 5 µm	28.7”/s (73 cm/s)	1-73cm/s: 5cm/s step adjustment	CG-60AR: 1,030 mm x 287 mm x 335 mm (40.6 in x 11.3 in x 13.2 in) aainladb | CG-130AR:...	CG-60AR: 37.5 lbs. (17 kg) | CG-130AR: 94.8 lbs. (43 kg)...
CG-160FX-II-Plus	CG-130FXII Plus: 51.2 in (1,300 mm)	5 µm (0.0002 in)	39.3 in (1,000 mm) per second	n/a	CG-130FXII: 71.8 x 27.5 x 47.9 in (1,825 x 700 x 1,217 mm) | CG-160FXII: 83.6 x 27.5 x...	CG-130FXII: 137 lbs. (62 kg) | CG-160FXII: 154 lbs. (70 kg)
CFL-605RT	24 in x 20 in (610 mm × 510 mm)	Moving distance × ±0.2% or less or± 0.0039 in (0.1 mm) or less (larger value is applied)	XY: 16.65 in (423 mm) per second (45° angle direction)	Unit A: Eccentric cutter, pen | Unit B: Reciprocating cutter, Tangential cutter, Creasing roller	52 x 41 x 43 in (1,320 × 1,050 × 1,100 mm)	Cutter: 240 lbs (109 kg) | Blower: 51 lbs (23 kg) included
CF2-0912RC-S, CF2-1218RC-S	n/a	±0.1mm (0.004”)	19.7 in (50 cm)/sec	n/a	n/a	CF2-0912: 308 lbs (140kg); CF2-1215: 364 lbs (165 kg);...
CF22-1225RC-S	n/a	Repetition accuracy: ±0.1mm	55 cm/sec	Tangental Tangental Knife Creasing Reciprocating Optical	n/a	507 lbs (230 kg) with RC-S head
CFX-2513, CFX-2531, CFX-2550	n/a	Repeat accuracy: ±0.03 mm, Distance accuracy: ±0.1 mm	3.3 ft/s (1000 mm/s)	temperature range is 68 to 77ºF (20 to 25ºC).	n/a	n/a

Features Mimaki lists

CG-AR	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
CG-FXII-Plus	ID Cut function enables efficient cutting operation | High speed, continuous crop mark detection | Half cut function | Over cut function
CFL-605RT	Reciprocating cutting for foam cushioning material, sponge, cardboard | Tangential cutting for synthetic leather, coated cardboard, reflective vinyl, rubber, flut | Eccentric cutting for packaging material, thin polycarbonate, paper, film | Creasing roller for precise folding
CF2	Two cutting heads with a wide range of blades | Heads can be equipped with a tangential cutter, reciprocal cutter, marking gauge roller an | Cut a variety of materials up to 25 mm thick* | Able to perform different types of half-cutting or die cutting without changing tools
CF22-1225RC-S	4-foot by 8-foot maximum cut size | Supports ID Cut function in FineCut8 and Raster | Link6 Plus RIP Software | Ideal companion to JFX200-2513 UV-LED flatbed printer
CFX	Select from three field expandable table sizes: 8.3'x4.25', 8.3'x10.5' or 8.3'x16.5'. | High speed movement of 1,000 mm/s and 0.7G acceleration. | Four-tool simultaneous use multi-head. | Cut a wide range of material up to 2.31" (54mm) thick.

Sources: Mimaki USA specification sheets: CG-AR (Rev. 04/26/22); CG-FXII-Plus (Rev. 10/15/19); CFL-605RT (Rev. 04/24/19); CF2 (Rev. 08/06/18); CF22-1225RC-S (Rev. 10/05/17); CFX (Rev. 8/25/24). Download the full sheets and brochures: bucketsofink.com/page/safety-data-sheets#mimaki-docs. Reference only: Mimaki's current documents govern; confirm details with us before you order. Mimaki is a trademark of Mimaki Engineering Co., Ltd.