

# CFX Series



Flatbed cutting plotters

8.3' x 4.25'

8.3' x 10.5'

8.3' x 16.5'

## Expandable high-speed cutting plotter

The CFX Series of cutting plotters are the latest, fastest, and most productive high-speed flatbed cutting plotters with routing support. With class-leading movement speed these cutting plotters achieve high levels of production while maintaining accuracy and precision. Equipped with the ability to carry four tools simultaneously and a high-pressure capability, the CFX Series ensures pristine cutting and creasing results on a wide range of materials. It features innovative technology such as a camera-guided backside mode that enables accurate cutting and ruled lining. Whether working with oversized sheets or intricate designs, the CFX Series is a highly versatile professional flatbed cutter.

- 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.
- Precisely controlled pressure range of 11-66 lb (5-30 kg).
- Variable and static 45° V-cut options.
- Use familiar workflow with Mimaki FineCut9.
- Routing option available.
- Produce POP displays, labels/decals, signboards, event displays and fixtures, as well as folding cartons and cardboard processing, and other industrial cutting applications.

*For best results, always use Mimaki original inks.*

# Mimaki® CFX Series

	CFX-2513	CFX-2531	CFX-2550
<b>Effective drafting range</b> [Y axis × X axis]	100" × 51" (2540 × 1300 mm)	100" × 126" (2540 × 3190 mm)	100" × 200" (2540 × 5080 mm)
<b>Material size</b> [Y axis × X axis]	101" × 74.4" (2570 × 1890 mm)	101" × 149" (2570 × 3780 mm)	101" × 223" (2570 × 5670 mm)
<b>External dimensions</b> [W × D × H]	159.5" × 84.6" × 49.2" (4050 × 2150 × 1250 mm)	159.5" × 159.5" × 49.2" (4050 × 4050 × 1250 mm)	159.5" × 234.3" × 49.2" (4050 × 5950 × 1250 mm)
<b>Main unit weight</b>	838 lbs. (380 kg)	1279 lbs. (580 kg)	1720 lbs. (780 kg)
<b>Driving method</b>	X/Y axis: AC servo Z/θ axis: DC servo		
<b>Maximum speed</b>	3.3 ft/s (1000 mm/s)		
<b>Maximum acceleration</b>	0.7 G		
<b>Maximum Z-axis pressure</b>	66 lbs. (30 kg)		
<b>Static accuracy*1</b>	Repeat accuracy: ±0.03 mm, Distance accuracy: ±0.1 mm Squareness: ±0.5 mm /1000 mm, Origin repeatability: ±0.15 mm		
<b>Max. cuttable height</b>	E12/E35/E60: 2.13" (54 mm), V45/VAS: 0.79" (20 mm) FBT: 0.39" (10 mm), C16/26: 2.13" (54 mm), C60: 0.79" (20 mm)		
<b>Maximum weight of plate workpiece</b> [Concentrated load prohibited]	10.24 lb/ft <sup>2</sup> (50 kg/m <sup>2</sup> or less)		
<b>Command</b>	MGL-3C *HPGL standard		
<b>Receive buffer capacity</b>	22MB (16MB while sorting)		
<b>Interface</b>	Ethernet / RS-232C		
<b>Safety standard</b>	VCCI Class A FCC Class A CE marking CB report (EN62368) UL62368-1 Machinery Directive RoHS REACH		
<b>Power Supply</b>	200 V to 240 V single phase 50/60 Hz 12VA or less		
<b>Power consumption (max)</b>	3000 W or less		
<b>Installation environment</b>	Operating temperature: 41 to 86°F (5 to 35°C) Operating relative humidity: 35 to 75% Rh Accuracy guaranteed temperature: 68 to 77°F (20 to 25°C), Accuracy guaranteed relative humidity: 35 to 65% R Temperature gradient: ±50°F/h (10°C/h) or less		
<b>Included software</b>	FineCut/Coat9		

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\*1. Accuracy in pen writing with little or no load. Guaranteed temperature range is 68 to 77°F (20 to 25°C).

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

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 are subject to change without notice.

All specifications are subject to change; consult your authorized Mimaki representative for current information.

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Rev. 8/25/24