Specification Sheet

CFX-2531



The CFX-2531 professional flatbed cutting plotter increases productivity through higher speeds and multi-tool heads that reduce tool changes. This 2.5- by 3.1-meter unit includes features for more accurate cutting over a variety of materials, and is expandable to suit your business needs.

Specifications

NA Warranty	1 Year		
LATAM Warranty	1 Year		
Max Media Width	**CFX-2513**	**CFX-2531**	**CFX-2550**
	74.41 in (1890.00 mm)	148.82 in (3780.00 mm)	223.23 in (5670.00 mm)
Max Media Length	2570		
Max Media Thickness	2.13 in (54.00 mm)		
Max Media Weight1	50kg / sqm		
Max Cutting Width	2540		

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Max Cutting Length	1300
Color LCD Control Panel	Yes
Vacuum Bed	Yes
Vacuum Zones	2
Media Registration	Optical
ID-cut	Yes
Tool Stations	4
Supported Tools	Pen, Eccentric, Tangental, Reciprocating Cutters, Creasing Roller, Router
Crop Mark Sensor	Yes
Swivel Cutting Pressure	20g - 400g
Acceleration Max	0.7 G
Buffer Memory	22Mb
Maximum Pressure	Pen, Eccentric, Tangental, Reciprocating Cutters, Creasing Roller, Router
Maximum speed	Yes
Tangental Cutting Pressure	5.0 to 30.0 kg
Tangental Cutting Max Thickness	20mm
Tangental Cutting Multi-Pass	Yes
Reciprocating Cutting Speed	5500rpm, 12000rpm
Reciprocating Cutting Stroke	1.2mm, 3.5mm, 6.0mm
Reciprocating Cutting Pressure	5.0 to 30.0 kg
Reciprocating Cutting Max Thickness	54mm
Creasing Roller Pressure	30kg
Creasing Roller Max Thickness	54mm
Router Spindle Speed	40000rpm
Router Max Output	1.2Kw
Router Max Thickness	54mm
Router Shank Diameter	3mm - 10mm
Driving method	X/Y axis: AC servo Z/? axis: DC servo
Repeat accuracy	±0.03 mm
Range accuracy	±0.1 mm or ±0.1 % of movement distance, whichever is greater

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Origin reproducibility	±0.15 mm or less
Perpendicular accuracy	±0.5 mm /1000 mm
Back-side Cutting	Yes
Cut	FineCut9
PICT	Yes
Connection Interface	Ethernet / RS-232C

Dimensions		
	CFX-2513:	159.45 in (4050.00 mm) X 84.65 in (2150.00 mm) X 59.06 in (1500.00 mm)
	CFX-2531:	159.45 in (4050.00 mm) X 159.45 in (4050.00 mm) X 59.06 in (1500.00 mm)
	CFX-2550:	159.45 in (4050.00 mm) X 234.25 in (5950.00 mm) X 59.06 in (1500.00 mm)

Weight	**CFX-2513**	**CFX-2531**	**CFX-2550**
	970.20 lb (440.00 kg)	1455.30 lb (660.00 kg)	1940.40 lb (880.00 kg)

Required Power	200 to 240 V AC, 50/60 Hz, 12 A or less, single phase (CFX unit only)
Power Consumption - Max	3000W or less
Standby	55 dB(A) Max
Continuous Operation	79 dB(A) Max
Temperature	41-95F (5-35C)
Guaranteed Acccuracy	68-77F (20-25C)
Humidity	35~65%RH(Non-condensing)
Price Comment	Machine Only
Machine Certifications	VCCI-class A, FCC class A, CE markings, CB report (EN62368), UL62368-1, Machinery Directive, RoHS, REACH
Ink Type/Color	N/A

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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 are subject to change without notice.

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