Specification Sheet

CF2 Series

The CF2-1218 is a wide format flatbed cutting plotter built for larger production environments requiring precision cutting across oversized materials and specialty substrates. With a generous cutting area, multiple tool options, and seamless print-and-cut integration, it helps businesses improve workflow efficiency while expanding application possibilities across packaging, signage, industrial materials, and POP graphics.

Specifications

NA Warranty	1 Year
LATAM Warranty	1 Year

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Max Media Width	**CF2-0912RC-S**	**CF2-1218RC-S**
	46.06 in (1170.00 mm)	69.69 in (1770.00 mm)
Max Media Length	900	
Max Media Thickness	0.79 in (20.00 mm)	
Max Media Weight1	70	
Max Cutting Width	900	
Max Cutting Length	1170	
Vacuum Bed	Yes	
Vacuum Zones	1	
Media Registration	Optical	
Tool Stations	3 (RC Head)	
Supported Tools	Pen, Eccentric, Tangental, Reciprocating Cutters, Creasing Roller	
Crop Mark Sensor	Yes	
Swivel Cutting Pressure	400g (RC Head)	
Maximum Pressure	Pen, Eccentric, Tangental, Reciprocating Cutters, Creasing Roller	
Maximum speed	Yes	
Tangental Cutting Pressure	1000g - 5000g (RC Head)	
Tangental Cutting Max Thickness	10mm	
Tangental Cutting Multi-Pass	Yes	
Reciprocating Cutting Speed	1000~ 7000rpm (RC Head)	
Reciprocating Cutting Stroke	2mm (RC Head)	
Reciprocating Cutting Pressure	1500g (RC Head)	
Reciprocating Cutting Max Thickness	10mm (RC Head)	
Creasing Roller Pressure	1000g - 5000g (RC, TD Heads)	
Driving method	X, Y, Z, ? 4-axis DC software servo	
Repeat accuracy	±0.1 mm	
Range accuracy	±0.1 mm or ±0.1% of travel distance, whichever is largest	

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Origin reproducibility	±0.1 mm
Perpendicular accuracy	0.7 mm
Back-side Cutting	Yes
Cut	FineCut9
Connection Interface	RS-232C
Dimensions	**CF2-0912RC-S:** 69.29 in (1760.00 mm) X 62.99 in (1600.00 mm) X 43.31 in (1100.00 mm) **CF2-1218RC-S:** 92.91 in (2360.00 mm) X 74.80 in (1900.00 mm) X 43.31 in (1100.00 mm)

Weight	**CF2-0912RC-S**	**CF2-1218RC-S**
	308.70 lb (140.00 kg)	396.90 lb (180.00 kg)

Required Power	50/60 Hz AC 100/120/220/240V(tap changing)
Power Consumption - Max	300W
Continuous Operation	Less than 70dB
Temperature	41-104F (5-40C)
Humidity	35 to 75% (Rh),(Non-condensing)
Included Items	Eccentric Cutter, Ball Point Pen Holder, Reciprocating Cutter 07, Tangental Cutter 2N, Creasing Roller CN, Creasing Plate YN, Carbide Blade 17deg, Carbide Blade 30deg, High Speed Steel 30deg Blade, 20mm Blade
Machine Certifications	VCCI-class A, FCC class A, CE marking, CB report (EN 60950), UL 60950-1, Opportunity directives, RoHS, REACH
Ink Type/Color	N/A
Buffer Memory	27Mb

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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.

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

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