

CF2 Flatbed Cutting Plotter
Series
CF2-T/TF/RT/TD/RC

Mimaki

Perform high accuracy cuts on a wide range of materials.



CF2 series specifications

		CF2-0912 **	CF2-1215 **	CF2-1218 **
Effective plotting area	X	Sensor model 1,170 mm (46.1")	1,470 mm (57.9")	1,770 mm (69.7")
	No sensor model	1,200 mm (47.2")	1,500 mm (59.1")	1,800 mm (70.9")
	Y	900 mm (35.4") 1,200 mm (47.2")		
Motorization		X,Y,Z, θ 4 axes DC software servo		
Maximum plotting speed		50 cm (19.7") / s		
Maximum acceleration		0.5 G		
Mechanical resolution		X:0.00234 mm (0.00009") Y:0.003125 mm (0.0001") θ:0.05625		
Command resolution		0.025 mm (0.001") / 0.01 mm (0.0004") (changeable from operation panel)		
Static accuracy *1	Repetition accuracy	± 0.1 mm (0.004")		
	Distance accuracy	± 0.1 mm (0.004") or ±0.1% whichever is greater		
	Origin repetition accuracy	± 0.1 mm (0.004")		
Maximum thickness of set work		T / TD : 25 mm (1") RT / RC : 20 mm (0.8")		
Work fixation		Air suction by a blower		
Receiver buffer size		1MB		
Command		MGL- II c3 (Support MGL- II c)2		
Interface		RS-232C		
Dimension	Width	1,760 mm (69.3") or less	2,060 mm (81.1") or less	2,360 mm (92.9") or less
	Depth	1,600 mm (63.0") or less 1,900 mm (74.8") or less		
	Height	1,100 mm (43.3") or less		
Weight		140 kg (308 lbs.)	165 kg (364 lbs.)	180 kg (397 lbs.)
Operation environment		Temperature: 5 - 40 °C Humidity : 35 - 75% (Rh) No condensation		
Power requirement		Main Unit : 50 / 60 Hz AC 100 / 120 / 220 / 240 V (tap changing) Blower : Stated separately		
Power consumption		Main Unit : 300 VA Blower : Stated separately		

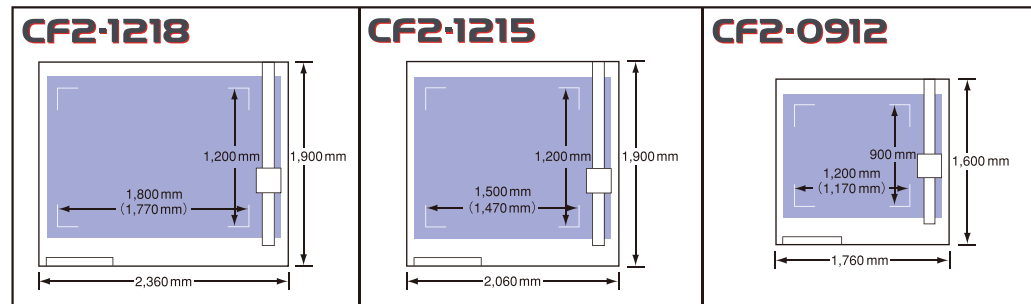
*1 Accuracy written with a pen where the load is almost non-existent. Guaranteed temperature range is 20 to 25 °C. *2 A command based on HP-GL.

Materials that can be processed

	T	TF	RT	TD	RC
Corrugated fiberboard (E to B flute) *				●	●
Corrugated fiberboard (AB flute) *					●
Coated board for packaging*				●	●
Vinyl chloride for clear package*				●	●
Plastic corrugated fiberboard				●	●
Vinyl chloride sheet for signboard	●	●	●	●	●
Soft vinyl chloride (0.5 to 10 mm)	△	△			
Reflecting sheet	●	●	●	●	●
Sand-blast rubber	●	●	●	●	●
Industrial sheet rubber (3 mm or less)	●	●	●	●	●
Industrial sheet rubber (0.5 to 10 mm)	△	△			
Pattern Happort	●	●	●	●	●
Teflon (1.0 to 5.0 mm)		●		●	●
Resin belt. (5.0 mm or less)	●	●			
Various foam (20 mm or less)			●		

Note) As the property of the media may vary depending on the material manufacturers, the above data is just a guide. Make sure to perform your own testing. Note) * shows material to which drawing of the ruled line is possible.

Size variation



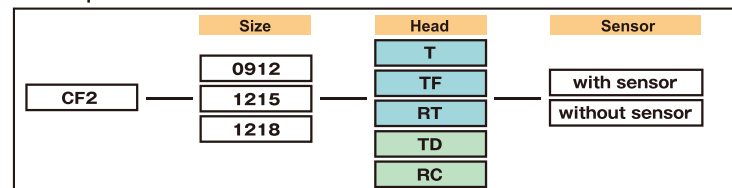
*Please install this unit confirming that there is a space of 1,000 mm or more around the unit.

Optional supply items/Standard accessories

■ : Standard Accessory ● : Optional Item

Item	Item.No	T	TF	RT	TD	RC	Remark
Swivel cutter holder	SPA-0001	■	■	■	●	●	1 pcs / set No blade
Swivel Blade for vinyl sheet	SPB-0001	■	■	■	■	■	3 pcs / set
Swivel Blade for small letters	SPB-0003	●	●	●	●	●	3 pcs / set
Swivel Blade for rubber sheet	SPB-0005	●	●	●	●	●	3 pcs / set
Swivel Blade for reflecting sheet	SPB-0006	●	●	●	●	●	2 pcs / set
Swivel Blade for fluorescent sheet	SPB-0007	●	●	●	●	●	3 pcs / set
Cutter holder 4N	SPA-0053	■	■	■	■	■	For works of which thickness is 5 mm or less
Cutter holder 2N	SPA-0113			●			For works of which thickness is 2 mm or less
High-speed steel blade 30°	SPB-0043	■	■	■	■	■	40 pcs*5 / set
Carbide blade 30°	SPB-0045	■	■	■	■	■	1 pcs*3 / set
Titanium-coated blade 30°	SPB-0047	●	●	●	●	●	1 pcs / set
High-speed steel blade 45°	SPB-0044	●	●	●	●	●	40 pcs*5 / set
Carbide blade 45°	SPB-0046	●	●	●	●	●	1 pcs*3 / set
Titanium coated blade 45°	SPB-0008	●	●	●	●	●	1 pcs / set
Cutter holder 7N	SPA-0054	●	■	●	●	●	For works of which thickness is 7 mm or less
High-speed steel blade 30°*7 mm	SPB-0048	●	■	●	●	●	15 pcs*5 / set
Cutter holder 10N	SPA-0077	●	■	●	●	●	For works of which thickness is 10 mm or less
Carbide design blade 30°	SPB-0051	●	■	●	●	●	3 pcs / set
Cutter holder RN	SPA-0055	●	●	●	●	●	
Titanium coated both blades	SPB-0009	●	●	●	●	●	1 pcs / set For reflecting sheet
Cutter holder JN	SPA-0061	●	■	●	●	●	
Carbide both blades	SPB-0031	●	■	●	●	●	2 pcs / set For joint sheet
Cutter holder 06	SPA-0099			■			
Carbide blade 2°	SPB-0064			■			5 pcs / set For sponge 20 mm or less.
Cutter holder 07	SPA-0114				■		
20 mm blade	SPB-0055				■		10 pcs / set For corrugated fiberboard
Carbide blade 17°	SPB-0065				■		5 pcs / set For AB corrugated fiberboard
Cutter holder 08 × 15	SPA-0170			●		●	
Carbide blade 7 × 15	SPA-0075			●		●	5 pcs / set for rubber 15 mm or less
Creasing roller DN	SPA-0056			■			For E corrugated fiberboard
Creasing roller CN	SPA-0057			■			For coated board
Creasing roller PN	SPA-0058			●	●		For pleated works
Creasing plate EN	SPA-0067				●	●	For E / B corrugated fiberboard
Creasing plate YN	SPA-0124				●	■	For corrugated fiberboard in general
Pen holder	SPA-0068	■	■	■	■	■	1 pcs / set
Vacuum unit	OPT-C0199	●	●	●	●	●	120 V, 0.51 / 0.7 kw, filter separately available
Vacuum unit	OPT-C0200	●	●	●	●	●	220 V, 0.51 / 0.7 kw, filter separately available
Vacuum unit	OPT-C0201	●	●	●	●	●	240 V, 0.51 / 0.7 kw, filter separately available
Vacuum unit	OPT-C0205	●	■	●	●	●	120 V, 0.51 kw, filter separately available
Vacuum unit	OPT-C0206	●	●	●	●	●	220 V, 0.25 / 0.38 kw, filter separately available
Vacuum unit	OPT-C0207	●	●	●	●	●	240 V, 0.25 / 0.38 kw, filter separately available
Blade tip adjuster	OPT-C0030	●	●	●	●	●	For tangential cutter. Dial type
Blade tip adjuster	OPT-C0066	●	●	●	●	●	For swivel cutter. Dial type

Line-up



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