

Cut hard materials up to 50mm (2") thick. Now you can directly cut from CorelDraw.

The CF3 series is equipped with a newly developed router head, which can cut with high accuracy rigid, large-sized materials like acrylic and aluminum substrates up to 1.6 x 3.1m (5' x 10').



3 types of user changeable cutting heads are available

M head (Router)

Rigid materials, like acrylic and aluminum, can be cut with a high speed spindle. High position control enables groove cuts and repeated cutting of thicker materials.

Set tools

◎Endmill

R1 head (Reciprocal cutter)

The reciprocating cutter allows for cutting thick materials up to 20mm(0.78"). Creasing tools produce optical creases in cardboard and corrugated boards.

Set tools

◎Pen / Swivel cutter ◎Reciprocal cutter
◎Creasing roller / High-pressure tangential cutter

TF2 head (Tangential cutter)

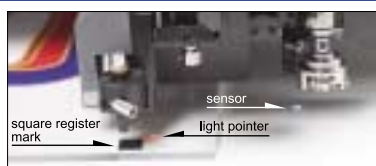
Two types of tangential cutters are available, which control the direction of the cutter edge. Various materials, ranging from soft to ridged, can be cut.

Set tools

◎Pen / Swivel cutter ◎Tangential cutter
◎High-pressure tangential cutter

Mark sensor for precise contour cutting

A color photo sensor detects registration marks printed on substrates regardless of color of the substrates. Precise contour cutting can be made by adjusting alignment and distance.



The partitioned vacuum table allows for fixing different sized media

The vacuum table is divided into six zones*. Its activated zones can be set according to the size of the material. In addition, the air stream can be reversed to move heavy materials with ease. *1610 has 2 zones

Specifications

Item	Specifications	
	CF3-1631	CF3-1610
Effective cut area	3,100mm x 1,600mm (122" x 63")	1,000mm x 1,600mm (39.3" x 63")
Driving method	X.Y.Z.θ DC-servo, Special timing belt	
Maximum speed	50cm/s (20 in/s)	
Maximum cutting depth	Router	50mm (1.96")
	Tangential cutter	10mm (0.39")
	Reciprocal cutter	20mm (0.78")
Media set device	Air suction by vacuum blower	
Command	MGL-IIc3 (support MGL-IIc)	
Interface	USB, RS-232C	
Dimensions (W x H x D)	2,250 x 4,120 x 1,320mm (88.6" x 166.2" x 52")	2,250 x 1,860 x 1,320mm (88.6" x 73.2" x 52")

Option

Item name	Item No.	Remarks
M head	OPT-C0209	Router model
TF2 head	OPT-C0210	Tangential cutter model
R1 head	OPT-C0211	Reciprocal cutter model
Vacuum head	OPT-C0212	Single face 200~240V, 50/60Hz, 1.6/2.2kw with a filter

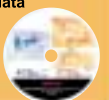
Attached software

Operation software to operate CF3 series on the PC

Mimaki Plotter Manager

Plug-in cutting software to create cutting data

"Fine Cut 7"
for CorelDRAW and Illustrator



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