

CFL-605RT



flatbed cutting plotter

20" x 24"

Compact, multifunction cutting plotter

The CFL-605RT cutting plotter offers the ability to easily facilitate creation and delivery of high quality, cost-effective designs. Engineered with Mimaki's renowned technology, and supports on-demand production with multiple functions including reciprocating, tangential and eccentric cutting, plus creasing for immediate finishing of packaging and prototypes.

- Reciprocating cutting for foam cushioning material, sponge, cardboard
- Tangential cutting for synthetic leather, coated cardboard, reflective vinyl, rubber, fluted cardboard
- Eccentric cutting for packaging material, thin polycarbonate, paper, film
- Creasing roller for precise folding
- Integrated vacuum system securely holds materials in place
- Registration plate system plate to align media
- Includes Short-cut key for frequently used functions

For best results, always use Mimaki original supplies

Mimaki® CFL-605RT

Type	Flatbed cutting plotter
Max media area	24.8 in x 20.8 in (630 mm x 530 mm)
Cutting area	24 in x 20 in (610 mm x 510 mm)
Max cutting speed	XY: 16.65 in (423 mm) per second (45° angle direction) Z: 1.18: (30 mm) per second
Max downforce pressure	Reciprocating cutter: 1500 g (fixed) Tangential cutter: 1500 g Eccentric cutter: 1000 g Creasing roller: 1500 g
Max media thickness	Reciprocating cutter: 0.39 in (10 mm) Tangential cutter: 0.078 in (2 mm) Eccentric cutter: 0.039 in (1 mm)
Max media weight	44 lbs (20 kg) (<i>not one-point-load strength</i>)
Repeatability	0.007 in (0.2 mm) or less (<i>material shrinkage is ignored</i>)
Distance accuracy	Moving distance × ±0.2% or less or ± 0.0039 in (0.1 mm) or less (<i>larger value is applied</i>)
Original repetition accuracy	0.0039 in (0.1 mm) or less
Material holding	Vacuum unit (included) Adsorption sheet for thin, lightweight or porous materials (optional)
Attachable tools	Unit A: Eccentric cutter, pen Unit B: Reciprocating cutter, Tangential cutter, Creasing roller
Command	MGL-IIc3
Interface	Ethernet, USB 2.0 (High Speed), RS-232C
Receive buffer	30 MB
Power supply	Single phase AC 100–120V / 200–240V, 50/60 Hz
Power consumption	500W or less
Operational environment	Temperature: 41 °F – 95 °F (5 °C – 35 °C), 35%–75% Rh (Non condensing) Guaranteed range for an accurate operation: 54 °F – 77 °F (12 °C – 25 °C), 45%–65% Rh (Non condensing)
Dimensions (W × D × H)	52 x 41 x 43 in (1,320 × 1,050 × 1,100 mm)
Weight	Cutter: 240 lbs (109 kg) Blower: 51 lbs (23 kg) included

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Cutting speeds and accuracy data based on factory tests using Mimaki specified media and cutting conditions, which may vary slightly by media type and thickness. Applicable range of cutting thickness may vary slightly depending on materials. Specifications subject to change without notice.

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