

# 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*

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