



A compact flatbed cutting plotter to perfectly shape your ideas

The compact size of the Mimaki CFL-605RT belies its impressive performance, with an ability to provide a wide range of cutting and creasing functions. The perfect tool for packaging, prototyping and short-run production, the CFL-605RT offers a versatile, multi-function solution, especially when paired with a Mimaki small format LED UV flatbed printer.

ENGINEERING EXCELLENCE AND CREATIVE INNOVATION

Founded in Japan in 1975, Mimaki Engineering has steadily grown by reputation and influence into a global company with large operational bases in Asia and the Pacific, United States and Europe.

Renowned for award-winning performance, peerless build quality and innovative technology, Mimaki has established itself as a leading manufacturer of wide-format inkjet printers and cutting machines for the sign and graphics, textile and apparel and industrial markets. In addition, Mimaki also provides a comprehensive range of supporting products; hardware, software and associated consumable items, such as inks and cutting blades.

From outdoor signage and billboards to interior decoration and furnishing, from packaging and labels to promotional gifts and apparel, Mimaki is committed to developing technology that sets new industry standards, producing machines and products that turn the imagination of our customers into breath-taking reality.

... Mimaki delivers

CFL-605RT delivers ...

- Multiple cutting tools including;
 - Eccentric cutter for coated packaging board
 - Tangential cutter for thicker boards, including flute, reflective vinyl and PET materials
 - Reciprocating cutter for soft foam and board up to 10mm thick*
- Creasing roller for creating folding lines
- Pen tool for creating line drawings
- Accurate cutting with register mark detection function
- Compact, built-in Vacuum unit helps secure material during cutting
- Downforce cutting pressure of up to 1,500g
- 610 x 510mm cutting area
- Powerful and effective plug-in cutting software package included as standard

- COMPACT FLATBED CUTTING PLOTTER
- MULTIPLE CUT FUNCTIONS
- CREASING ROLLER & PEN TOOL
- REGISTER MARK DETECTION FOR PRINT & CUT
- USB 2.0 HIGH SPEED INTERFACE
- CUTS MEDIA UP TO 10mm THICK*

*Maximum thickness varies dependent on specific material

CFL-605RT



Combine with **Mimaki UJF-6042** UV PRINTER

for the ultimate compact packaging prototyping system

- Product decoration & branding
- Seamless Print/Crease/Cut workflow
- On-demand packaging creation
- Rapid production of presentation mock-ups
- Compact, affordable solution for studio or office use



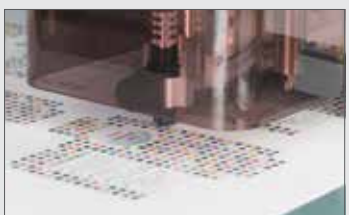
UJF-6042
A2 flatbed LED UV curing printer for direct to object and packaging material printing

Create ... Packaging samples & prototypes, Bespoke presentation boxes, Cartons, Packaging inlays, Membrane panels, Foam templates, Sandblast rubber, PoS items & mock-ups, Reflective vinyl graphics & much more ...


KEY TECHNICAL FEATURES ...

Cut & Crease with one compact unit

Eccentric Cutter
Maximum cutting thickness: 1mm
Materials are cut with an optimal downforce setting from 30 to 1,000g.


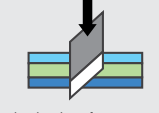


Creasing Roller
The roller creases materials and enables the creation of a perfect package. Downforce pressures are adjustable from 500 to 1,500g depending on the material.



Tangential cutter for thicker materials

The blade is able to cut not only thick materials up to 2mm but also thin films by precisely controlling high and low downforce pressures.


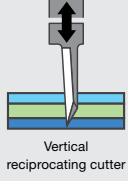
Cutting by downforce pressure

Optimum materials for tangential cutting
Coated cardboard, reflective vinyl, rubber sheets, industrial materials and F/G flute cardboard.

Downforce pressure: 500 – 1,500g (optimum pressure varies depending upon material)
Maximum cutting thickness*: 2mm
*Thickness varies depending upon material

Reciprocating cutter for soft foam material

The blade cuts thick materials by a vertical reciprocating motion. Making it ideal for foam and cardboard cutting. In addition, the blade is capable of cutting a range of material thicknesses by precisely controlling the blade edge direction.

Vertical reciprocating cutter

Optimum materials for reciprocating cutting
Cardboard, foam plastic board and sponge

Maximum vertical vibration rate: 3,000 reciprocating motions/min
Vibration stroke: 5mm
Downforce pressure: 1,500g (fixed pressure value)
Maximum cutting thickness*: 10mm
*Thickness varies depending upon material

Vacuum unit for securing materials during cutting

Movement of lightweight or thinner materials during cutting is reduced by a combination of features:

- Built-in vacuum suction unit secures material
- Absorption sheet (SPC-0787) placed on top of material enhances vacuum suction




NB: * Felt mat 605 (SPC-0785) needs to be placed on cutting table during reciprocal cutting
* Materials which cannot be held securely by vacuum unit require taping at all four corners
* Absorption sheet (SPC-0787) sold separately

* Thickness varies depending upon material