

## Morgana FB790-T B2 Dual Tool Digital Flatbed Cutter/Creaser



### **The FB790-T B2+ digital flatbed cutter delivers unmatched creasing and precision cutting**

This premium digital cutter is an ideal mid-sized solution. It's sleek, space-efficient cutting table features a dual tool head boasting an impressive 5.5lbs force Active Tangential Wheel Creaser and 2.2lbs Passive Contour Blade tool delivering exceptional precision for finished products. Paired with a strong vacuum system and rapid operation, it excels in on-demand, medium to light production of two and three-dimensional creations.

This powerful and accurate device cuts through, kiss-cuts and creases nearly any printed material, from luxury packaging prototypes and sturdy protective cartons to durable point-of-sale components and kiss-cut adhesive labels and stickers for versatile applications. The cutter also has the advantage of switching out the tangential creasing wheel for a tangential knife or perforation wheel tool to allow for thicker board cutting up to 3,000 micron (3mm) thick materials.

Powered by our renowned ColorCut Pro software, the FB790-T introduces advanced capabilities that streamline creative workflows and production.

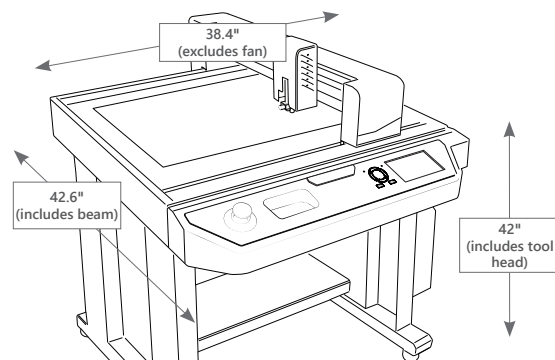
# Specifications

|                                 |                                                                                                                                                                                       |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type of cut:                    | Die-Cut, Half-cut (Kiss-cut) & Perf                                                                                                                                                   |
| Maximum media size:             | width: 22.8" x length: 31.5" (580 x 800mm) B2, US Arch E2 (2 x Tabloid Extra)                                                                                                         |
| Minimum media size:             | N/A                                                                                                                                                                                   |
| Effective contour cutting area: | 21.4" x 28.7" (545 x 730mm)                                                                                                                                                           |
| Crease capability:              | Yes. Tangential Creasing Wheel delivering up to 5.5lbs (2,500gf)                                                                                                                      |
| Maximum cutting depth:          | Paper/card up to 31.pt (800micron). Low density substrates up to 39pt (1000micron)<br>3mm (3000 micron) when optional <sup>†</sup> tangential cut knife is fitted.                    |
| Cutting force:                  | Passive Tool Position 1: 2.2lbf (1000gf). Tangential Tool Position 2: 5.5lbf (2500gf)                                                                                                 |
| Maximum cutting speed:          | 3.9ft/s (1200mm/sec)                                                                                                                                                                  |
| Registration system:            | Vision3 CCD camera using 9th generation ARMS technology                                                                                                                               |
| Mountable tools:                | Passive (supplied): Blade holder for interchangeable blades. Calibration pen<br>Tangential: Creasing wheel (supplied). Optional: Knife <sup>‡</sup> or Perforation wheel <sup>‡</sup> |
| Machine dimensions:             | H 42" (1067mm) x W 38.4" (975mm) x D 42.5" (1083mm). Vacuum Fan: 16" x 24" x 12.5"                                                                                                    |
| Weight:                         | Flatbed Table: 186lbs (84.4kg). Vacuum Fan: 53.3lbs (24.2kg)                                                                                                                          |
| Power requirements:             | Flatbed Table: 110-240v 50/60Hz, 200W voltage specific. Vacuum Fan: 110V, 750W 16.5A                                                                                                  |
| SOFTWARE and PC SPECIFICATION   |                                                                                                                                                                                       |
| ColorCut Pro 5 Plugin - PC:     | *Adobe® Illustrator® CS6, CC2018 - 2026 or **CorelDRAW® 2018 - 2026                                                                                                                   |
| ColorCut Pro 5 Mac Client:      | *Adobe® Illustrator® CS6, CC2020 - 2026. Mac OS version: Big Sur onwards                                                                                                              |
| Minimum PC specification:       | Windows® 10/11 Pro x64 bit. 8GB of RAM. Monitor res: 1280 x 960. 2 x available USB ports                                                                                              |

<sup>†</sup> Creasing not available when optional tangential cut knife tool or perforation wheel tool is fitted.

\*Does not support illegal copies of Adobe® Illustrator®.

\*\* Full version only. Does not support 'Home and Student', 'Essentials', 'Technical Suite' edition or illegal copies of CorelDRAW®.



POWERED BY  
**ColorCut Pro**

\*Disclaimer As part of our continuous product improvement program, the specifications and information published here are subject to change without notice. All specifications depend on the application, media type, temperature, relative humidity, and the print engine used. The stated specifications were measured using uncoated, unprinted media. E & OE.