Plockmatic Group

morgana

NEW ColorCut PRODUCT

Morgana FB15000^{TO} Pro
B0 Five Tool Digital Flatbed Cutter/Creaser



Versatile automated digital flatbed cutter with tangential, V-Cut and oscillating technology

Unlock powerful new production capabilities with the ColorCut FB15000^{TO} Pro - the ultimate in flexibility. This advanced, digital cutting solution is ideal for producing labels, packaging, structural projects and point of sale items.

Combining B0 format handling with a 5-tool cutting head, it delivers exceptional versatility across a broad range of materials. Dual passive tools enable precision kiss-cutting and die-cutting of thin label stocks, while the adjustable V-Cut, high speed oscillating tool, and tangential wheel system provide accurate creasing, cutting, and perforation for materials ranging from labels and folding box boards to foam board, corrugated card, and structural cardboard up to 0.4" (10mm) thick.

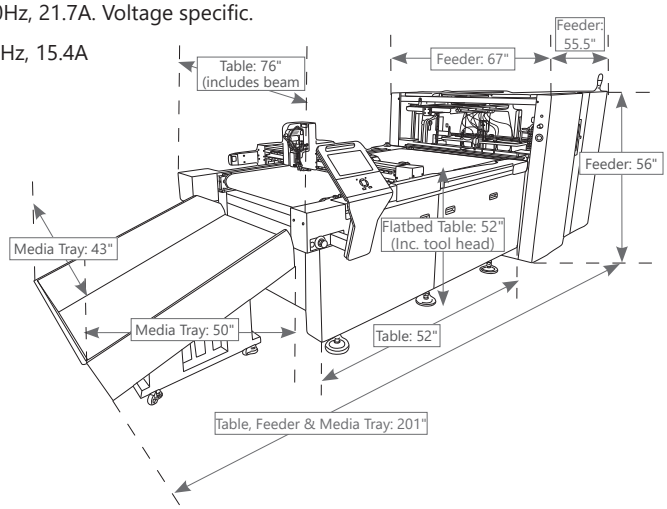
Enhanced by patented rear camera scanning for intelligent workflow control, the FB15000^{TO} can be configured as a powerful flatbed system or upgraded to a fully automated production solution*.

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*optional automatic pallet feeder

Specifications

Maximum media size:	Manual: 59" x 41" (1500 x 1040mm) Auto Feed: 47" x 35.4" (1200 x 900mm)
Minimum media size:	Manual: 7" x 7" (178 x 178mm) Auto Feed: 25.6" x 16.5" (650 x 420mm)
Auto feeder capacity;	Pallet loading with pallet (supplied: 15.7" (145mm)) plus a 27.5" (700mm) stack height of media
Type of cut:	Die-Cut, Half-cut (Kiss-cut), Perforation, V-Cut
Effective contour cutting area:	50.7" x 49.3" (1290 x 1000mm)
Crease capability:	Passive Ball Creasing up to 1.67lbf (760gf). Tangential Creasing Wheel up to 17.6lbf (8,000gf)
Maximum cutting depth:	Passive tools: up to 14pt (350micron) self-adhesive labels, vinyl and thin substrates Tangential tools: up to 1/4" (6mm/6,000µ). V-Cut: up to 1/4". Oscillating: up to 0.39" (10mm/10,000µ)
Cutting force:	Passive tools 1 & 2: 1.6lbf (760gf). Tangential tools 3 & 5: 17.6lbf (8kgf). Oscillating 4: 11lbf (5kgf)
Maximum cutting speed:	4.9ft/s (1500mm/sec) depending on material and mode selection
Depth calibration:	Auto laser calibration for pin point accuracy - Tool 4 & 5 Manual crease wheel depth calibration - Tool 3
Mountable tools:	Tool 1: (Passive) Blade holder 1 - supporting Die-Cut, Half Cut (Kiss-cut) & Perforation or dual mountable Ball Creasing tools Tool 2: (Passive) Blade holder 2 - supporting Die-Cut, Half Cut (Kiss-cut) & Perforation Tool 3: (Active) Tangential tool: Crease Wheel, can be fitted with (optional) Perforation Wheel Tool 4: Oscillating Cutting Knife - can be exchanged with Tangential cutting tool 1 Tool 5: V-Cut Knife - Can be exchanged with Tangential cutting tool 2, or Tangential Creasing Wheel, (optional) Tangential Perforating Wheel or Pre-Creasing Roller tool
Registration system:	Vision3 CCD camera using 10th generation ARMS technology
Machine dimensions H x W x D:	Flatbed Table: 52" (1315mm) x 95.5" (2425mm) x 76" (1940mm) Feeder: 56" (1420mm) x 55.5" (1410mm) x 67" (1700mm) Media collection tray: 31.5" (800mm) x 50" (1265mm) x 43" (1096mm)
Weight:	Flatbed table: 1,610lbs (730kg). Feeder: 1,731lbs (785kg). Media collection tray: 123lbs (56kg)
Power requirements:	Flatbed table: 220-240v 50/60Hz, 21.7A. Voltage specific. Vacuum fans: 220-240v 50/60Hz, 15.4A



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.