



Morgana SC7800 Pro^{RS}

Automatic Dual Tangential Double Sided Creasing
Digital Die-Cutter



The ultimate digital cutter with double-sided creasing for superior folding of card projects

This advanced sheet cutting and creasing system combines a unique triple-tool cutting and creasing technology, bringing together the benefits of flatbed, sheet-fed, tangential, contour cutting and die-based technologies in a compact, affordable and highly productive solution.

At the heart of the system is an innovative triple-tool head featuring a premium flatbed-style active **tangential creasing wheel**. Working in conjunction with an inverted (female) **tangential creasing groove**. This unique arrangement mirrors the principles of traditional die-based technologies while retaining the flexibility of a digital finishing solution. The result is precise cutting and creasing on paperboard up to 18pt (450 microns), with outstanding accuracy and consistency.

Combined with an intuitive QR code-driven workflow, the system offers fully automated operation with minimal operator intervention, enabling efficient unattended production and maximising productivity. The result is a powerful, flexible finishing solution capable of delivering professional-quality results across a wide range of applications from custom shaped products to folders, packaging and point of sale materials.

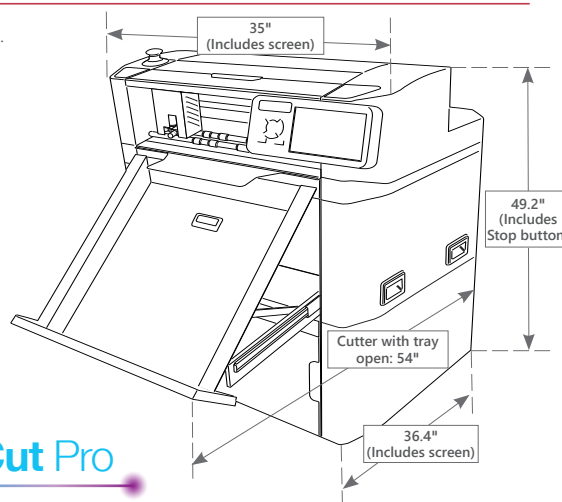
www.plockmaticgroup.com

Specifications

Maximum media size:	width: 13.3" x length: 29"
Minimum media size:	width: 17" x length: 11"
Effective contour cutting area:	13" x 27"
Type of cut:	Die-Cut (with tags) & Perf. Not suitable for labels or decals
Crease capability:	REVERSE SIDE capable. Dual opposing Tangential Creasing Wheel & Groove Delivering up to 5.5lbs (2.5Kg - 2,500gf) for max 18pt (450micron)
Media thickness:	8pt (200micron) to 18pt (450micron)
Cutting force:	1.99lbs (900gf)
Maximum cutting speed:	3.5ft/s (1060mm/sec)
Registration system:	Vision3 CCD camera using 9th generation ARMS technology
Mountable tools:	Passive: Blade Holder tool for interchangeable blades. Calibration pen Tangential: Creasing wheel and groove wheel for double-sided creasing
Auto-sheet capacity:	3.7" or 66lbs (30kg) - up to 850 sheets based on 80gsm media
Machine dimensions:	H 49.2" (1250mm) x W 35" (888mm) x D 36.4" (927mm)
Weight:	320lbs (145kg)
Power requirements:	100-240v 50/60Hz, 6.3A 140W average (320W peak)
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

*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®.



*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.