

Morgana SC7800 Pro^{RS} XL

Automatic Dual Tangential Double Sided Creasing
Digital Die-Cutter



The ultimate digital crease and cut solution for superior folding of B2⁺ packaging and p.o.s

This flagship model from Morgana's sheet cutter range, delivers a unique, triple tool cutter/creaser created from a hybrid blend of flatbed, sheet-fed, tangential, contour cutting and die based technologies, designed to deliver the benefits of each technology in a compact, affordable and productive unit.

This fully-automatic addition to your studio or production line, can produce point of sale, packaging and folders in absolutely any shape you wish, in a highly productive and totally versatile way - all from your own designed and printed artwork!

Equipped with an amazing triple tool head, this device incorporates a premium flatbed-style active **tangential creasing wheel**. This wheel is mirrored with an inverted (female) **tangential creasing groove** which floats under the media - similar to traditional fixed 'die' based technologies. This unique combination makes the device completely one of a kind, enabling you to cut and crease paperboard up to 450 micron.

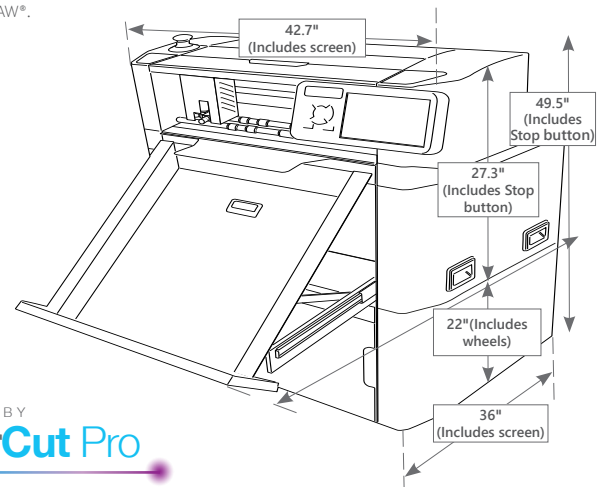
Combine all of this easily usable convenience and functionality with the QR code-driven workflow for total unattended automation and you have an extremely powerful, flexible system at your disposal.

Specifications

Type of cut:	Die-Cut (with tags) & Perf
Maximum media size:	width: 20.5" x length: 29"
Minimum media size:	width: 11" x length: 15.9"
Effective contour cutting area:	20" x 27.5"
Crease capability:	REVERSE SIDE capable. Dual opposing Tangential Creasing Wheel & Groove Delivering up to 5.5lbs (2.5Kg - 2,500gf) for max 450micron
Media thickness:	7.9pt (200micron) to 17.7pt (450micron)
Cutting force:	1.99lbs (900gf)
Maximum cutting speed:	3.9ft/s (1060mm/sec)
Registration system:	Vision3 CCD camera using 9th generation ARMS technology
Mountable tools:	Triple tools: Blade holder. Tangential creasing wheel and groove wheel. Calibration pen
Auto-sheet capacity:	3.7" or 66lbs (30kg) - up to 1,000 sheets based on 80gsm media
Machine dimensions:	H 49.5" (1256mm) x W 42.7" (1085mm) x D 36" (915mm)
Weight:	463lbs (210kg)
Power requirements:	100-240v 50/60Hz, 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.