

Morgana LCF520 Pro Roll-to-Roll Label Cutter Finisher



Fully automated, dual cutting head roll-to-roll label production, with the ColorCut LCF520 Pro.

The LCF520 Pro delivers an all-in-one solution for high-volume roll label production, offering up to 2× faster throughput with its dual cutting heads, enabling simultaneous processing for greater speed and flexibility.

Engineered for simplicity, roll loading is quick and intuitive. Dual accumulator arms move the printed roll smoothly forwards and backwards, enabling accurate cutting of virtually any shape label. An integrated lamination station applies a protective film automatically, adding scratch and water resistance, while an acoustic muffling bar reduces noise during lamination - making the LCF520 Pro ideal for offices and design studios.

Driven by ColorCut Pro 5 software, the system reads printed PageMarks and QR code for instant cut-file retrieval. Operators can choose 1, 2 or 4 PageMark recognition to achieve the perfect balance of speed, productivity and precision.

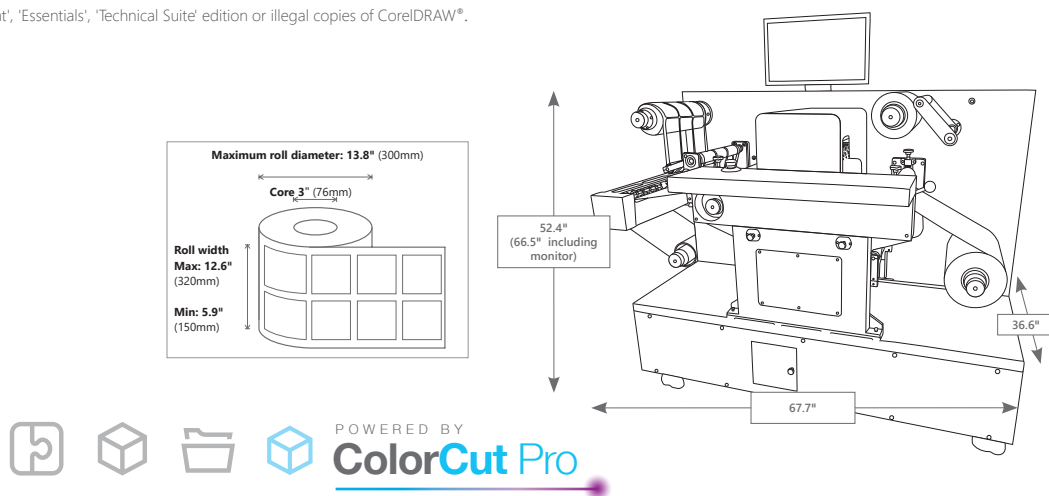
A key advantage is the intelligent auto-tracking system, which continually checks the roll edge and corrects any deviation - ensuring every finished label roll has perfectly aligned cut elements.

Specifications

Maximum label frame length:	16.53" (420mm)
Mandrel core diameter:	3" (76mm)
Maximum input & output roll diameter:	13.8" (300mm)
Max speed/Max force:	3.9ft/s (10 - 1200mm/s) / 1.65lbf (750gf)
Material web width:	5.9" up to 12.6" (150 up to 320mm)
Label sizes:	Max width: 330mm. Max length: 300mm. Min length: 20mm
Registration system:	1, 2 or 4 marks with Vision3 - High resolution CCD vision system ARMS 9
Job retrieval:	Direct from PC or HELD within cutter for production environments
Contour cutting:	Full HPGL vector cutting compatible with PageMark CCD sensor
Mountable tools:	Two tool holders support cutting blades (30°, 45° & 60°). Calibration Pen
Cut position accuracy:	+/- 100 micron
Slitting:	7 rolls, using up to 6 blade slitting - supplied
Lamination:	Inline lamination when required
Rewind madrels:	One - matix removal
Weight:	890lbs (404kg)
Machine dimensions:	H 52.4" (1330mm) x W 67.7" (1720mm) x D 36.6" (930mm)
Power Supply:	220~240V AC, 50/60Hz, 350W, 3.4A
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®.



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