

Intec LCF700 Pro
Roll-to-Roll Label Cutter Finisher



Fully automated, ultra fast roll-to-roll label and sheet fed label production, with the ColorCut LCF700 Pro.

The NEW LCF700 Pro, on demand label finishing system combines our latest cutting technology with our unique LF700 web system.

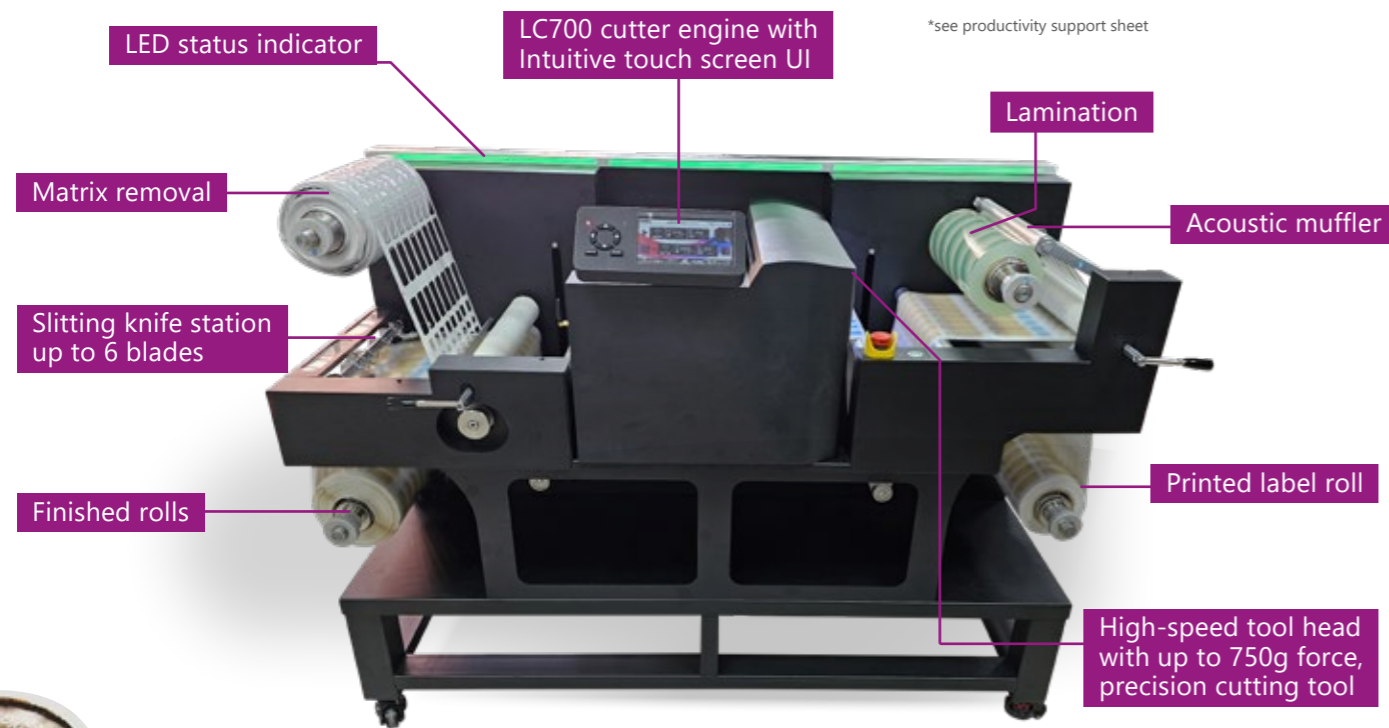
This incredibly versatile solution provides the flexibility to cut and finish all types of labels from sheets to full roll to roll label production. In roll to roll mode, the LCF700 Pro not only ensures complete cutting accuracy but adds the option to laminate your label rolls, remove the waste matrix and slit into narrower finished rolls where needed.

In sheet mode you can run high speed sheet label cutting utilising the auto feed to maximise your production.

Market leading features

- Digital process means no more costly dies
- Handles sheet fed labels for proofs or sheet fed cutting requirements.
- Roll to Roll mode supports roll widths of 150mm, 215mm up to 330mm wide (and up to 350mm diameter)
- Select from one to four PageMark registration points, enabling you to set the balance between speed and precision cutting
- Lamination provides your finished labels with surface protection and light fastness
- QR code/Job Library retrieves associated cut files - even for mixed batch production
- Linear cutting speeds up to 10.5m/min dependent on label design and roll width*
- Automatic tracking technology continually measures roll position to dynamically adjust for rewind accuracy
- Convert rolls with final job slitting - up to 7 rolls
- Run jobs from computer or from a USB drive

*see productivity support sheet



Roll to roll label production

Fully automated for unattended production

The LCF700 Pro combines the industry leading LC700 sheet cutter with our unique LF700 web frame. Together as the LCF700 Pro the system features an immersive LCD touch screen control panel, and tactile controls for precise, powerful and easy control of all functions.

The LCF700 Pro includes an automatic sheet feeder handling up to 220 sheets of label media for proofing or short runs of sheet fed labels. However, tuck away the feeding tray and load a roll of label media and the true power and versatility of this cutter can be seen. The LF700 frame, built around the integrated LC700 cutter provides a full roll to roll system. In Roll to Roll mode, the LCF700 Pro has two accumulator arms that enables the roll to move backwards and forwards accurately cutting virtually any shape required. Simplicity is the key feature of the LCF700 Pro so loading your rolls is quick and easy, the system also includes a lamination station enabling you to automatically add lamination to the labels for additional scratch resistance and water resistance. The LCF700 Pro is fitted with an acoustic muffling bar to minimise operating noise while laminating making it suitable for use in an office or design studio environment.

Using the ColorCut Pro 5 software the LCF700 Pro reads printed PageMarks and QR code for instant cut job retrieval. Users have complete control over the label production and can choose between 1, 2 or 4 PageMark recognition - enabling them to perfectly balance between speed, productivity and accuracy.

Another stand out feature is the auto tracking system which continually tracks the edge of the roll position and corrects any deviation ensuring your finished label rolls have the cut elements positioned accurately.

Ai makes control easier

The LCF700 Pro is built on the foundation of Intec's next generation of Ai (Applied Intelligence) ColorCut software which delivers a host of new features together with the functionality and control you need. There are two MODE options users can employ for cutting files.

DIRECT mode: ColorCut Pro offers unparalleled flexibility and control over cutting and production enabling all options to be adjusted on the fly connected to your computer.

HELD mode: ColorCut Pro stores your job parameters, wrapping all the required settings into an 'archived' ColorCut held mode file (*.ch), Held mode files can be transferred via a USB storage device to the cutters enabling standalone operation, without the

need for the main PC making the system ideal for manufacturing environments. Held mode is designed for repeat cut jobs that need to be cut at any time, enabling production teams to cut their roll labels on demand, and without need for a graphic designer or connection to a computer.

Software

ColorCut software enables designers to simply generate cut files with registration marks and QR codes with associated job numbers as part of the design process.

ColorCut Pro explained

ColorCut Pro consists of two parts, the first is the ColorCut Pro Client, a plug-in to Illustrator for Mac or PC creatives or to CorelDRAW (PC only). This enables designers/artworkers to generate cut files without the need to learn any new applications. The ColorCut plug-in also adds the ability directly into your graphics application to add both cut registration marks and QR codes with associated job numbers, easily, simply and as an integral part of the design process. It also saves each cut job into a ColorCut Pro job library for instant retrieval at any time, now or in the future.

Adding the QR codes and job numbers, is a key part of the ColorCut Pro magic, with QR codes the LCF700 Pro is able to retrieve previously prepared cut files without the need to launch Adobe® Illustrator® or CorelDRAW®. In fact this means, that after a graphic designer has sent the job to print, in a production print environment, any user can collect the rolls from the printer and cut them without needing to trouble the graphic designer to ask what cut file to use, or where it is stored.

Auto scan QR code and registration marks

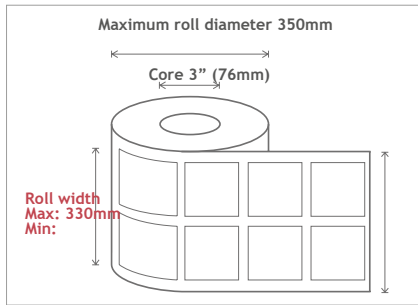
Cut file acquisition and job placement The cutters in-built camera reads the printed QR code on each printed sheet and automatically retrieves the associated cutting file from the ColorCut Pro Job Library.

Additionally the camera reads the registration PageMarks placed on the printed roll, for positional accuracy. Advanced features compensate for print skew or positioning skew to ensure precise cut registration.

QR driven workflow

Process single/multiple or mixed jobs in the same run The QR workflow has massive benefits in that it will access the correct cut file for each job printed on the roll, this means you can have each job uniquely different from the next, enabling the processing of mixed jobs in one pass.

Technical Specification



Intec LC700 Auto Sheet fed Sheet Cutter Engine

Media sizes - sheet fed	Max: 330 x 750mm Min: 150 x 190mm	
Media thickness	0.14mm (140 micron/140g/m ²) - 0.35mm (350micron/350g/m ²)	
Auto-sheet capacity	Up to 250 sheet auto-sheet feeder	
Max speed/Max force	1060mm/s 750gf	
Registration system	Vision3 - High resolution CCD vision system ARMS 8	
Contour cutting	Full HPGL vector cutting compatible with PageMark CCD sensor	
Mountable tools	Single tool holder supports cutting blades (30°, 45° & 60°) and pen calibration tool for auto-calibration	
Cut position accuracy	+/- 100 micron	
Minimum PC specification	Adobe® Illustrator® CS6, CC2024 - CC2024 or CorelDRAW® X8, 2017 - 2024 Graphics Suite	
ColorCut Pro 5 Plugin - PC §	Adobe® Illustrator® CS6, CC2024 - CC2024 or CorelDRAW® X8, 2017 - 2024 Graphics Suite	
ColorCut Pro 5 Plugin - Mac Client §	Adobe Illustrator® CC 2022 - 2024.Mac operating systems: Big Sur to Sonoma	
ColorCut Pro 5 Standalone - PC Only †	Job server - enables jobs created by the ColorCut Pro Plugin above to be cut at any time	
Power supply	100-240V AC 50/60Hz, 320W average 4.2A	
Weight (unpacked)	39kgs	
Dimensions	690mm x 530mm x 450mm W D H	

§ Does not support illegal copies of Illustrator. † Full version only. Does not support 'Home and Student', 'Essentials' edition, or illegal copies of CorelDRAW.

* Maximum dimensions relate to assembled machines and reflect full extremities of each device.

Intec LCF700 Pro Roll-to-Roll Label Cutter System (Comprising LC700 cutter and LF700 Frame)

Maximum label frame length	420mm (16.53")	
Mandrel core diameter	76mm (3")	
Maximum input & output roll diameter	350mm (13.78")	
Material web width	100mm up to 330mm (12.99")	
Registration system	1, 2 or 4 marks	
Job retrieval	Direct from PC or HELD within cutter for production environments	
Test cut function	Available	
Slitting	7 Rolls, using up to 6 blade slitting - supplied	
Lamination	Inline lamination when required	
Rewind mandrels	One - matrix removal	
Weight (unpacked)	290kgs	
Dimensions	1,600mm x 740mm x 1205mm W D H	
Power supply	110~240V AC, 50/60Hz, 320W, 4.2A	

*Disclaimer As part of our continued product improvement plan, specifications and information published here are subject to change without notice. All specifications are dependent on application, type of stock, temperature, RH and print engine used. Specifications quoted were measured on uncoated and unprinted stock. E & OE.

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