Plockmatic Group

Morgana LC700
Automatic Label Cutter

Morgana LC700

Fully automated
Sheet label production with the ColorCut **LC700**.

Kiss-cut any shape. Ultra fast!

Fully automated for unattended production

The new ColorCut LC700 'on demand' digital sheet label cutter is designed to provide automatic sheet label cutting for digital print production users, with NO die's or setup costs.

Targeted for busy print departments, seeking complete unattended cutting production, the LC700 combines reliable label-sheet feeding with an instant job retrieval system - this enables effortless, yet precise, kiss cut label cutting at lightning-fast speeds.

Market leading features

- Digitally cut any shape labels at up to 1060mm/sec
- Digital process means no more costly dies
- Cut closer to media edges with the 'Dual Grip' feed system
- QR code/Job Library retrieves associated cut files - even for mixed job batch sessions
- Auto stacker/feeder takes up to 250 sheets
- Paper stacker holds A3+, SRA3, A3, A4 and custom sizes for a maximum cutting length of 750mm
- Versatility 'built-in' - expandable into a full Roll-to-Roll label cutting system with the optional LF700
- SmartMark registration delivers incredible accuracy - enabled via included ColorCut Pro software
- Run jobs from computer or from a USB drive.

Autofeed delivery system
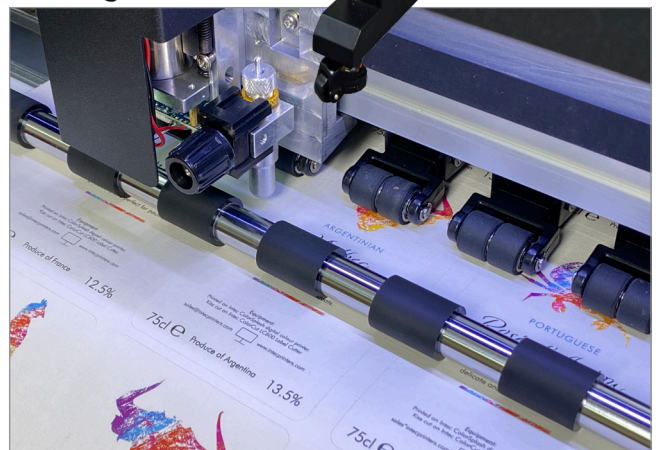
Intuitive touchscreen UI

Fold-away media catch tray

High-speed tool head with up to 750g force, precision cutting tool

Mobile stand for easy positioning anywhere in the studio/office

Kiss-cut sheet label media

Mixed jobs with ColorCut Pro's QR code job recognition!

The LC700 offers an unparalleled production advantage, in being able to read and instantly retrieve the associated cut file for every sheet design - on the fly! It can take a varied stack of jobs and cut one after the other, in a seamless and uninterrupted flow.

Its 'Dual Grip' feed system holds the media during cutting, on BOTH sides of the cutting head, enabling it to cut closer to the media edges than most other types of cutter.

QR codes and SmartMarks are generated as part of the included ColorCut Pro software plugin which integrates with vector artwork created in Adobe® Illustrator® and CorelDRAW®.
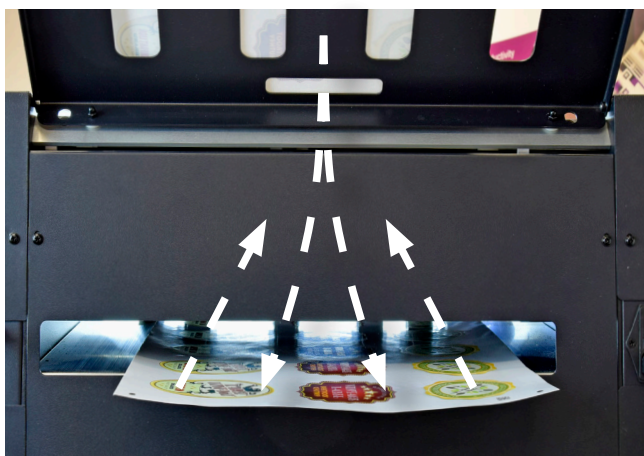
Easy to use automatic job retrieval - no skilled operator required for cutting!

When creating your jobs, ColorCut Pro applies an auto assigned (editable) QR code to each of your designs, saving the cutting file to the ColorCut Pro Job Library.

Jobs with QR codes can be cut at a later date by any operator - no need to search for which file to cut - no computer skills required! Simply load the sheets, press start and the LC700 will check the QR code, retrieve the cut file and allow you to cut a single sheet or indeed hundreds of sheets in an unattended run.

Faultless auto-feeding

With its unique 'Y' feed path, media is drawn in and reversed back out on the LC700's cutting bed, to ensure continual, faultless feeding. The digital cutting head can apply up to 750g of pressure, adjustable through the included ColorCut Pro software, to cut even the thickest label stocks. ColorCut Pro software offers total control making operation sophisticated, yet simple!
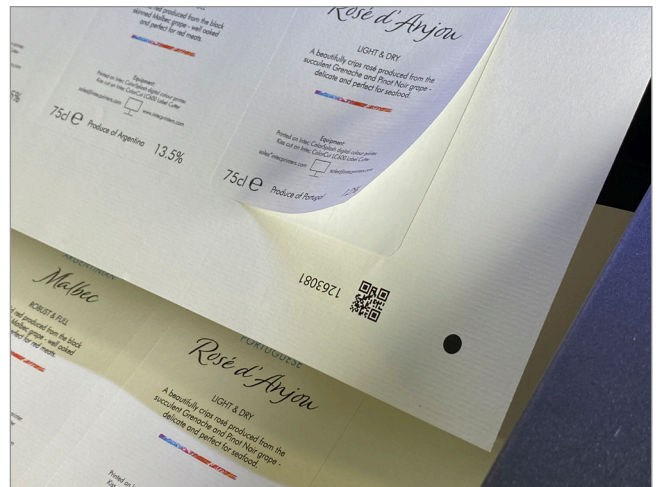

Enhanced control

The LC700 is built on the foundation of Morgana's next generation of Ai based ColorCut software which delivers new features, functionality and control redefining how sheet label cutters can be used, easily, simply and autonomously by providing 2 modes 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.

HELD mode: ColorCut Pro stores your job parameters, wrapping all the required settings into a custom held mode cut file, that can be transferred via a storage device to the cutters. This enables standalone operation, without the need for the main PC.

Held mode is ideal for **repeat cut jobs** that need to be **cut at any time, by any user**.

Ergonomic, compact and clever...

The LC700's space-saving, integrated media catch tray slides away when not in use ensuring it can easily be accommodated in any print shop. The immersive, 7" touch screen offers feature rich options that provide an advanced level of control over the LC700.
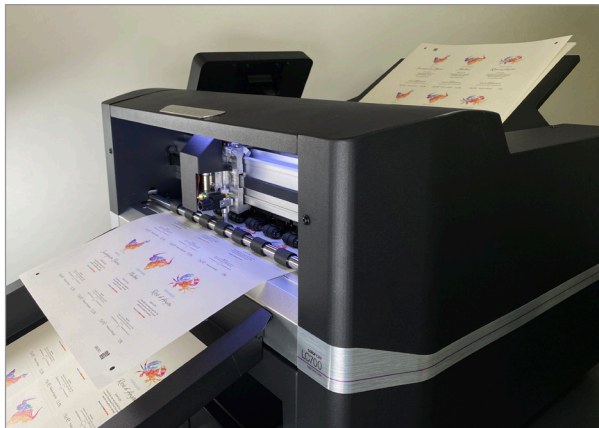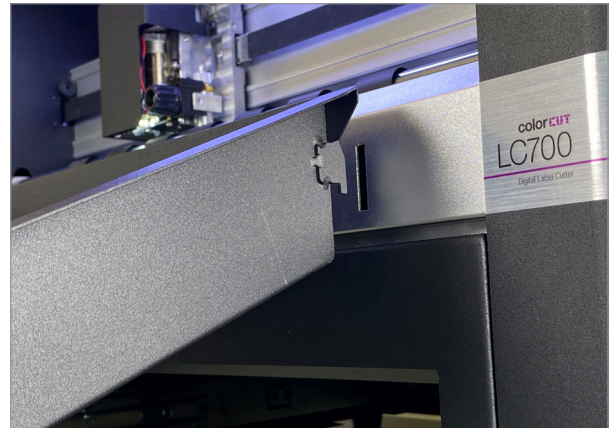Run jobs from computer or from a USB drive for repeat jobs.

Technical Specification
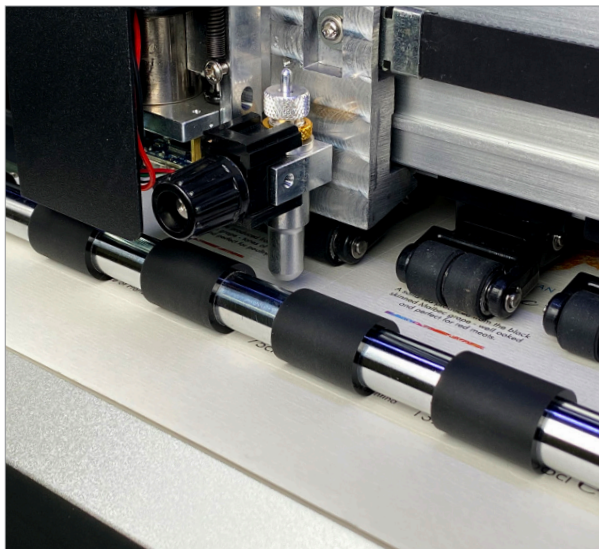
Morgana LC700 Automated Sheet Label Cutter

Media sizes	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 9
Cut position accuracy	+/- 100 micron
Mountable tools	Single tool holder supports cutting blades (30°, 45° & 60°) and pen calibration tool for auto-calibration
Minimum PC specification	Windows® 10/11 Pro x64 bit. 4GB of RAM (8GB recommended). Monitor res: 1280 x 960 min
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)	51kgs
Dimensions	690mm x 1010mm x 1285mm W D H

1285mm (Includes feeder tray)
1010mm (Includes media trays)
530mm
690mm

Automated and unattended production

Retractable media catch tray

Blade holder offers blade changes dependent on media type

Dual grip roller technology

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