



Morgana SC6000  
Automatic Die-Cutter

# Morgana SC6000

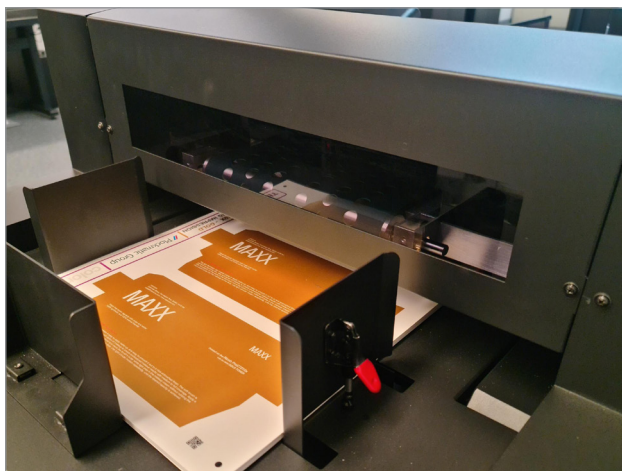
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The **SC6000** combines **ultra-reliable feeding** with an **instant job retrieval** system and flawless **high-speed cutting** and **creasing**.

**A revolutionary new type of automated cutter - blending flatbed and sheet fed technologies!**

Perfect for digitally die-cutting packaging, P.O.S. and lightweight card projects – as well as kiss-cutting sheet labels – the ColorCut SC6000 is an 'on demand' digital sheet cutter with no physical dies or time-consuming setup costs.

Targeted for busy print departments, seeking an affordable, high-capacity device for complete unattended cutting production, the SC6000 combines ultra-reliable feeding with an instant job retrieval system and flawless high-speed cutting and creasing. This compact free-standing device is conveniently mobile and will be easily accommodated in any print shop.



## **Complete standalone operation - even with a stack of mixed jobs**

- 8th generation Vision3 CCD camera reads and instantly retrieves cut files for every sheet on the fly! Accepts a mixed stack of jobs, cutting one after the other in a seamless and uninterrupted flow.
- Dual 'Grip and Drive' feed system holds media during cutting on both sides of the cutting head, enabling it to cut closer to media edges.
- Revolutionary cutting strip, based on the superior cutting mats used in Intec flatbeds, delivers an optimal surface for both cut-through, creasing and kiss-cut.
- SmartTags are left in the cut lines to retain the item in the sheet - leaving a tidy and manageable stack of finished complete sheets in the catch tray.
- High-capacity auto feeder works in conjunction with air blade separation and automated jog function, to present every sheet perfectly for the cutter, every time.
- ColorCut Pro Production Studio software is supplied as standard and offers remarkable digital productivity for the designer and machine operator alike.

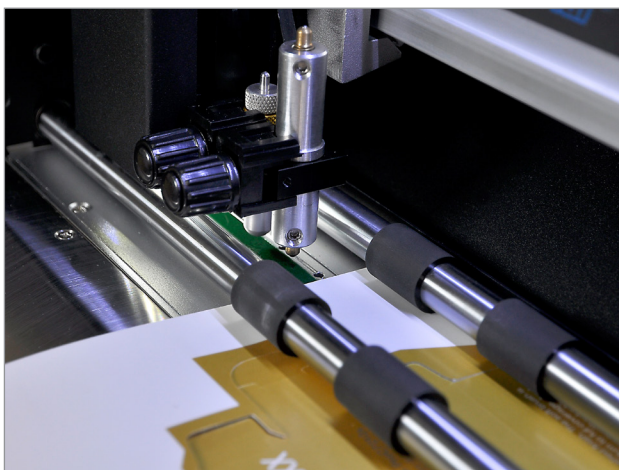
# Morgana SC6000

## High-capacity and ultra-reliable feeding

The SC6000 has been designed to provide unattended operation with particular attention paid to the feeding system to ensure class-leading performance for card, vinyl labels or even tricky laminated sheets. The SC6000's auto feeder accepts up to 900 sheets, which automatically raises and lowers as required. To prevent sheets curling, as a result of a constant air flow to the sides, the SC6000's uses an automatic air blade that fires a blast of air momentarily into the front of the stack just as the advanced vacuum feed belt lowers to collect the top sheet using pneumatic suction. To further provide a reliable feed, the vacuum feed belt lifts the media carrying any sheets not pre-separated by the air blade past a pair of dexterous separation fingers which dislodges them. Finally before advancing the sheet into the cutting engine, the vacuum feed belt 'jogs' briefly against the rear paper stop, creating a natural curve that helps ensure even difficult media feeds faultlessly.

## Dual tool power - digital accuracy

The digital cutting head can apply up to 760gf, individually for both the cutting and creasing tools. Their actions are controlled via the included ColorCut Pro software. In common with the entire ColorCut family, the SC6000 can be set to apply exact amounts of pressure and speed, along with total control over the application of cut, crease and perforation of the vector artwork lines.



## Ergonomic, compact and mobile

The space-saving media catch tray slides away when not in use and the manoeuvrable stand ensures it is easily accommodated into any environment.

The 5 inch immersive touch screen control panel is housed within an articulated module which can pivot to suit the angle desired by the operator.



## Easy to use automatic job retrieval

When creating jobs, ColorCut Pro applies an auto-assigned (editable) QR code\* to each design, whilst auto-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 specific computer application skills required! The SC6000 checks the QR code on each sheet, retrieves the associated cut file and proceeds to cut and crease as required - even if the sheet is presented at 180°. Choose to cut a single sheet or even thousands on an unattended run.

The Vision3 CCD camera has an 8th generation sensor with enhanced sensitivity to read even white QR codes and SmartMarks, when applied on dark media.



# Technical Specifications

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Morgana SC6000 Auto Sheet Cutter	
Max media size	340mm x 710mm
Effective contour cutting area	330mm x 690mm
Crease capability	760gf Max 350micron/gsm
Auto-sheet capacity	85mm stacker height or 15kg (Up to 900 sheets for auto-sheet feed, based on 80gsm)
Cutting force	760gf
Media alignment	Self-centring guides- lockable
Max. speed	960mm per second
Weight (unpacked) inc. stand	136kg
Power supply	100-240v 50/60Hz, 320W
Dimensions	1300 × 820 × 1230mm W D H