

Zip-CSCL - Cutter/Slitter/Creaser



CASLON
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- ◆ **Cross Cut, Crease & Perforate**
- ◆ **Suction Air Feeder**
- ◆ **Hole Punch / Die Cut**
- ◆ **Cuts up to 500gsm**
- ◆ **375mm x 508mm sheet size**
- ◆ **Mark or Edge registration**
- ◆ **In line Semi-Slit & Perforate**



The Zip-CSCL is a programmable cutter/slitter/creaser which has been designed for the maximum product flexibility, ease of operation, reliability, accuracy and productivity.

The standard Zip-CSCL can run stocks up to 375mm wide by 508mm long. Provisions have been made to handle longer sheets if required by the customer.

Using the Zip-CSCL, customers can independently program cross cut and cross score/perforation positions down the length of the sheet. After cross cutting and cross score/perforating, sheets are conveyed through a rotary cassette. Rotary gutter cut slitting, scoring, perforating and semi-slit tools are available and cassettes can be changed in less than a minute, without tools.

The standard duty T1 tooling station produces a single operation of either cross scoring, perforating, slitting, hole punching or die cutting. However, when purchased with the 'T1 Multi Tool' option, two processes can be produced on the T1 station, giving twice the flexibility in one pass!

The Zip-CSCL is ideal for producing a wide range of products, including standard and odd size business cards, various top and side fold over business card formats, post cards, single/tri/accordion fold products, tickets, "T" perforated products and much, much more.

The Zip-CSCL has a "true" suction feeder with full length alignment table and double sheet detect/interrupt. The feeder can support a 340mm high stack of paper, more than double the capacity of competitive models. Coated and un-coated as well as single and two sided UV coated stocks can be fed with the Zip-CSCL feeder. The full length alignment table, with adjustable side guide, precisely aligns each sheet before it enters into the machine.

The touch screen computer control allows a high degree of automation with fast set up, job program storage and retrieval. All set up and operational screens are easy to view and use, with ample space provided by the 10.2" full colour display.

Sheets can be registered using the lead edge of the sheet or a registration mark. Switching between these registration modes is a simple selection on the touch screen computer.

Programming a new job format is quick and easy. The Zip-CSCL features multiple programming methods to provide the operator with maximum efficiency and flexibility. Initial programming typically takes less than two minutes and up to 500 programs can be stored and retrieved.

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Guillotine crosscutting can be programmed for a "scissor" or a variable width "gutter" cut. A minimum product length of 45mm makes the Zip-CSCL ideal for tickets and other small format products.

The crease/perforate/punch tooling station can be used to apply full or partial width creasing or perforating.

An impression pressure adjustment provides very fine, graduated impression adjustment. Partial width cross perforating combined with inline rotary perforating allow variable size and configuration "T" perforated style coupons to be easily produced.

Zip-CSCL rotary tooling cassettes are unique and offer many advantages over competitive designs.

Each slitting blade/hub assembly removes a 3.175mm (1/8") gutter which decreases product "spread" across the width of the sheet. Standard Zip-CSCL slitting blades can slit products as narrow as 25mm wide. Various gutter cut slitting blade widths are available for special applications.

A delivery conveyor is standard on the Zip-CSCL and eliminates delivery problems sometimes associated with moveable delivery bins. It also allows product collection whilst the machine is still running, increasing productivity and reducing unnecessary downtime.

The conveyor can be attached or removed, without tools, in a few seconds.

As you can see, the Zip-CSCL is a unique production machine that is ideally suited to finish a wide range of multiple-up digital products quickly, accurately and reliably.

The Zip Air Feeder offers a dramatic increase in productivity, eliminates the common problems customers have feeding difficult stocks and is a standard feature on the Zip-CSCL.

The operator presses the "Single Sheet Feed" button on the touch screen control. A single sheet is fed and the computer calculates the correct feed rate based on the sheet length and crosscut program as the first sheet passes through the machine.

The operator then presses the "Feed" button on the touch screen control.

Sheets will feed one after the other with the lead edge of one sheet reaching the end of the alignment table just as the tail edge of the previous sheet clears this point. This ensures maximum productivity by minimizing the gap between sheets and eliminating any operator adjustment.

Feeding is stopped by pressing the "Stop" button on the touch screen control.

Specifications

Machine Size	290 x 95 x 130(h) cm	Maximum Card Thickness	500 gsm
Machine Weight	200 kgs	Minimum Cut Size	41mm high x 25mm wide
Program Memories	500	Maximum Cut Size	450mm high x 350mm wide
Electrics	220 Volts AC	Maximum Feed Stack	340mm
Maximum Stock Size	375mm x 508mm	Minimum Crosscut Pitch	2mm
Speed (21 up cards)	384 cards/min (23,000/hour)	Cross Cut Precision	0.1mm

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