

Zip-A3E Mk III - SRA3 Cutter/Slitter



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- ◆ **Mark or Edge Registration**
- ◆ **375mm x 508mm sheet size**
- ◆ **Cuts up to 500gsm**
- ◆ **Touch Screen Control**
- ◆ **Bleeds on all 4 edges**
- ◆ **Delivery conveyor**
- ◆ **500 job memories**
- ◆ **Friction or Suction Feed Models**



The Zip-A3E is a heavy duty, precision programmable cutter/slitter featuring a Windows XP touch screen control.

The Zip-A3E combines unmatched productivity, layout flexibility, accuracy and easy of operation with a wide selection of precision rotary tooling unmatched by any other programmable cutter/slitter.

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

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

The Zip-A3E can handle coated and un-coated, laminated and UV coated sheets using the standard friction feeder or optional air feeder (shown below).



Programming a new job format is quick and easy.

The operator simply selects the Set Up screen and enters five pieces of information.

These are lead edge or registration mark mode, the number of pieces being cut from each sheet, the finished size of pieces being cut from each sheet, the lead edge trim off and, if a crosscut gutter is required, the size of the crosscut gutter.

Programming takes less than a minute and up to 500 programs can be stored for easy recall at any time.

Guillotine crosscutting can be programmed for a single "scissor" or a variable width "gutter" cut.

A minimum product cut length of 40mm makes the Zip-A3E ideal for tickets and other small format products. Competitive models require significantly larger minimum cut off lengths limiting the ability to complete special products efficiently or, in some cases, to run the products at all.

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Zip-A3E rotary tooling cassettes are unique and offer many advantages over competitive designs.

Each standard slitting blade/hub assembly removes a 3.175mm (1/8") gutter which decreases product "spread" across the width of the sheet. Standard Zip-A3E slitting blades can slit products as narrow as 25mm wide.

Semi-slit (slit-score) tooling is available for customers who semi-slit the fold line on greeting cards, and similar products, instead of scoring. This is especially important for graphics that bleed across the fold line of the card or for digital products that are prone to 'cracking' when creased with a rotary scoring unit.

The ability to crosscut, then inline rotary slit and semi-slit allows popular greeting card formats to be run two-up on 375mm wide stock.

Standard size business cards are typically run in 24 or 25-up formats. The Zip-A3E can easily handle both configurations in bleed or non-bleed formats.

Cutting mini-business cards is another ideal Zip-A3E application. In one popular format, 40-up, four-sided bleed mini-business cards are crosscut and slit in one pass.

The combination of short guillotine cut off length (40mm minimum) with inline slitting and perforating make the Zip-A3E ideal for tickets. No competitive cutter/slitter can offer a similar single pass production capability.

A delivery conveyor is standard equipment on the Zip-A3E. The conveyor eliminates delivery problems that can arise with bins and allows product collection while the machine is running. This eliminates the need to stop production while removing product from the bins.

The optional Zip Air Feeder offers a dramatic increase in productivity and eliminates the many problems that customers have feeding difficult stocks.

When using the optional Air Feeder, 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 reducing the gap between sheets whilst also removing any need for operator adjustments.

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

Specifications

Machine Size	140 x 51 x 127 (h) cm	Maximum Card Thickness	500 gsm
Machine Weight	105 kgs	Minimum Cut Size	40mm high x 25mm wide
Program Memories	500	Maximum Cut Size	230mm high x 300mm wide
Electrics	220 Volts AC	Maximum Feed Stack	50mm
Maximum Stock Size	375mm x Unlimited	Minimum Crosscut Pitch	2mm
Speed (21 up cards)	384 cards/min (23,000/hour)	Cross Cut Precision	0.1mm

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