

# Zip-TS2L MkIV - SRA3 Digital Finisher



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- ◆ **Edge & Interior Die Cutting**
- ◆ **39 operations per sheet**
- ◆ **Perforate & Crease**
- ◆ **Hole Punching**
- ◆ **Peek Windows**
- ◆ **Round Corner products**
- ◆ **375mm x 508mm sheet size**
- ◆ **Cuts up to 500gsm**
- ◆ **Mark or Edge registration**
- ◆ **Auto Adjust Cassette Option**



The new Zip-TS2L is a heavy duty, programmable cutter/slitter featuring a Windows XP touch screen control and **two** unique tooling stations that provide cross sheet scoring, perforating, die cutting, hole punching and blind embossing capabilities. The simple touch screen control allows a high degree of automation with fast set up, job program storage and retrieval. The programming is quick, simple and typically takes less than a minute to enter a new job.

The Zip-TS2L feeder can handle coated and un-coated, laminated and UV coated sheets with ease. In-feed guides are adjustable with a single control to the centreline of the machine. A second control provides micro side-to-side registration adjustment. Non-marking wheels and rollers are used to feed and convey the stock.

The machine can register from either the lead edge of the sheet or from a printed registration mark at the top of the job, thereby reducing the problems of image drift which are so common with digital printers.

The cross guillotine assembly can produce straight cuts or a variable size gutter between the individual cards whilst vertically a fixed 3.175mm (1/8") gutter is removed from between each column of cards. The sides of the sheet are removed by slitting wheels which can be quickly and easily adjusted to any size. For those regular jobs or special set-ups, additional blade cassettes are available.

The Zip-TS2L is the only cutter/slitter available with two cross sheet "tooling stations". The heavy duty T2 tooling station allows cross scoring, perforating, die cutting, hole punching and blind embossing on multiple products. The standard duty T1 tooling station has been provided primarily for producing one operation of cross scoring, perforating, slitting and hole punching. However, when fitted with the 'T1 Multi Tool' option, two processes can be produced on the T1 station, giving 3 processes in one pass!

Both tooling stations have been designed with mounting and removing tools that are quick and easy to adjust. Alignment pins ensure that the tooling is uniformly positioned, allowing stored program information to be used without adjustment.

Although the Zip-TS2L die cut area is limited, a die cut "step and repeat" feature dramatically expands the range of die cut applications. For example: using a 50mm x 38mm die, a window can be added 50mm by any length. Step and repeat die cutting can be programmed to overlap to create variable size windows, or spaced apart so a row of stars or hearts can be die cut along the edge of a card, for example.

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The Zip-TS2L is the only cutter/slitter that offers semi-slit (slit-score) tooling 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.

The ability to crosscut then inline rotary slit and semi-slit allows popular greeting card formats to be run two-up on SRA3 wide stock. No other programmable cutter/slitter has this important capability.

The combination of short guillotine cut off length (41mm minimum) with inline slitting and perforating make the Zip-TS2L ideal for tickets. No other cutter/slitter can offer a similar single pass, production capability.

Die cutting on the main tooling station can produce an extensive range of finishing applications. Products like round corners, hole punching, peek window, decorative edge and interior die cutting are just some of these common applications.

THERM-O-TYPE has also developed a unique system to produce round cornered products on the Zip-TS2L without edge nicks. Using this system, round corner business cards and playing cards can be produced in a single pass finishing process.

The step and repeat function can also be used for blind embossing applications. These embossed designs, for example, can be programmed to imprint once at the top of the sheet and twice at the bottom of the sheet to create two different embossed designs. Programmable emboss positioning and repeat spacing on each sheet allows a wide range of effects to be created with each blind embossing die/counter. Step and repeat die cutting and blind embossing provides maximum flexibility and reduces the number of dies required for various formats.

The Auto adjust upgrade consists of:

- Enclosure with touch screen computer interface
- Main auto adjust cassette
- Right angle auto adjust cassette
- Cables



The auto adjust upgrade can be added to any RAS-mc.

Any RAS-mc right angle slitters that have been upgraded can use auto adjust and fixed position cassettes separately or in combination.

Up to eight product sizes can be programmed, stored and recalled for each cassette combination. Stored size information can be changed by the operator as desired. Odd sizes can also be programmed to provide maximum finished size flexibility. Selecting a stored product size and auto adjust blade spacing takes less than five seconds.

Side edge waste deflectors are automatically adjusted with side trim slitting blade assemblies on main and right angle auto adjust cassettes.

## Specifications

Machine Size	275 x 70 x 130(h) cm	Maximum Card Thickness	500 gsm
Machine Weight	185 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)	384cards/min (23,000/hour)	Cross Cut Precision	0.1mm