AUSJETECH

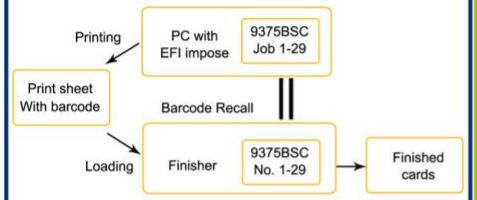
Slit-Cut-Creaser

SuperCut

The optimum print finisher ,superb in speed, durability and multi-function.

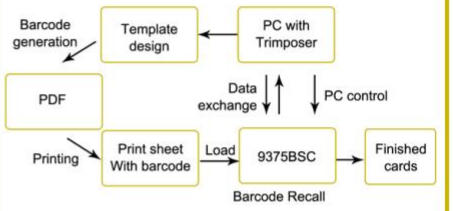
EFI INTEGRATION

Ausjetech and EFI have worked together to develop time-saving integration between Fiery driven print engines, Fiery workflow software and Ausjetech slit cut creasers. For the most common jobs Ausjetech provides imposition templates to use in Fiery Impose that match the finishing templates in our finishing devices. This integration can save up to 70% of set-up time while also reducing cost and waste.



TRIMPOSER

Trimposer was developed by Ausjetech to integrate Imposer, Job Manager and Error Logger. Barcode generation and reading technology connect the pre-press to the finishing function by sharing the imposing information with the finisher. This greatly reduces programming time and the chance of errors being made.



SPECIFICATIONS

Infeed size:	210*210mm-370*900mm(hardware) ,(Up to 1200mm long with option)
Outfeed size:	50*48mm-370*1200mm (900-1200mm long need option)
Paper weight:	150-400gsm(350-400gsm depends on material)
Paper type:	Chrome, Laminated,UV coated etc.
Loading capacity:	150mm
Speed:	24 pcs/min(A4,4 side trim+1 crease), 220 pcs card/min (24 up)
Register mark:	X and Y axis image drift compensation
Double sheet detection:	Ultrasonic double feed detector with sheet eject
Crease width:	1.0mm standard X2 pcs, 0.6/1.2/1.4mm option
Crease depth adjustment:	Auto adjustment according to thickness
Crease and Perf in one pass:	Up to 32 * 2 times for each in one pass (64 lines in total)
Slitting:	6 slitters for auto setting (Standard),4 slitters for manual setting (Option)
Cutting:	Up to 32 times in one pass
Accuracy:	+/-0.2mm
Image shrink and stretch:	X and Y axis compensation
Control and display:	9 inch color touch screen
Standard Partial perforate:	Crossway -32 lines * 8 sections Linearway-2 lines*16 sections
Skew adjustment:	Auto adjusted by setting in software
Crease/perforate Modular:	2
Optional tools:	Cross perforate bar (6/12/24/52TPI),Slitter,linear kiss cutter,scorer, Linear perforator (8/12/24/48TPI),Manual setting Linear Partial perforator*Max 2* sections, PC arm, 25 up assembly

FEATURES

CENTRE REGISTER TOP SUCTION FEEDER:

SuperCut is a completely automated finishing system equipped with a centre fed top feeding suction feeder that features auto adjusting side guides and an extendable feeding table to accommodate up to 900mm long sheets as standard. The feed table holds a stack of paper up to 150mm high.

REGISTER MODULE:

The integrated air suction register module ensures that each sheet remains registered as it enters the slit/cut/perf section of the system. This elimates any possible skewing.

PARTIAL CROSS PERFORATING UNIT:

SuperCut comes with a partial cross perforating unit that allows a partial cross perf up to 32 times on a single sheet. Simply program the system to turn the rotary perforating unit on and off wherever you want it on the sheet.

PARTIAL LINEAR PERFORATING UNIT:

The system comes with 2 programmable heads (standard) and up to 2 more (option) that are manually set. Each head can create up to 16 partial perforations in the linear direction per page.

SLIT AND CUT UNIT:

SuperCut has 6 slitting heads that will slit each sheet at pre-set positions. A precision machined screw bar ensures accuracy each time the heads move from one position to another. A fully automated cross cutting system also ensures sheets are cut accurately in the cross direction. Up to 32 cuts per sheet are possible. Three columns with gutters or up to 5 columns without gutters can be made. This allows a larger sheet to be cut down to size in both directions without having to add any accessories or additional hardware. Cards are automatically output to an exit conveyor while waste strips drop onto a separate conveyor that drops them into an external waste bin. This allows the machine to continuously run without needing to be stopped to clear waste or finished product.

Top suction feeder

Register module

Cross partial perforate unit

Linear partial perforate unit

Slit Cut unit

Outfeed conveyor

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FEATURES

DUAL SLIDE-IN EXCHANGEABLE TOOLS:

Two slots are available where exchangeable tools can be positioned. This allows many different jobs to be performed with minimal effort. An up and a down crease bar that allows for both up and down creasing in a single pass can be switched out in seconds and replaced with a perforation bar so that a job needing a single crease and a single perforation can be performed in a single pass also.

Dual crease/ perf Module

PC Arm (option)

BARCODE READER/TRIMPOSER

SuperCut was designed to give users the highest level of automation possible. The barcode reading system and Trimposer software allow jobs to be programmed much more efficiently which saves time and money. An optional PC arm is available for the safe and simple positioning of a laptop.

25 UP ASSEMBLY:

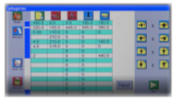
To maximize the use of each sheet of paper an optional 25 – up assembly was designed. This allows up to 5 rows of output to be fully automated. The slitter width is customizable according to the user's needs.

INTUITIVE INTERFACE:

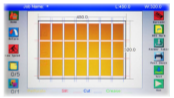
Operators can program a job in two ways: 1) input sheet size, finished card size and trim and gutter specifications OR 2) input all of the slit/cut/crease positions user the interface. The graphical interface design ensures that users know the values that have been input but can also see them which is more convenient and user friendly.

IMAGE COMPENSATION:

Digitally printed pages differ from offset printed pages as the accuracy of where the image on the page and where 2 back to back pages are in relation to each other is much lower. This can lead to a finished job being unacceptable to the customer. SuperCut software contains a series of icons that allow the user to compensate for image shift/stretch/shrink simply through a few clicks of adjustment.



Input data



Templates

ULTRASONIC DETECTOR AND EJECT:

When the ultrasonic sheet detector sees more than one sheet being fed at a time it automatically sends them to a separate output area and continues to run the job without stopping. This system eliminates the system from having to stop due to a mis-feed and prevents a jam before it happens. This saves time and possible damage to the machine.

25 up assembly (option)

Ultrasonic with sheet eject

APPLICATIONS

SLIT CUT: SuperCut can easily handle simple applications such as business cards, post cards and tags with speeds up to 13,000 pieces per hour. After being processed the finished pieces are neatly stacked on the output conveyor ready to be boxed or bundled for the end user.

Business card

Tag

SLIT CUT CREASE PERFORATE: Jobs like invitation cards, greeting cards, book covers, flyers, tickets and coupons are easy for the SuperCut. Because it has 2 slide-in tool positions these jobs can be completed in a single pass through the machine as both up and down creasing bars can be installed at the same time. Even adding a perforation to the page is easy to do and increases the value of the printed piece.

Leaflet/Flyer

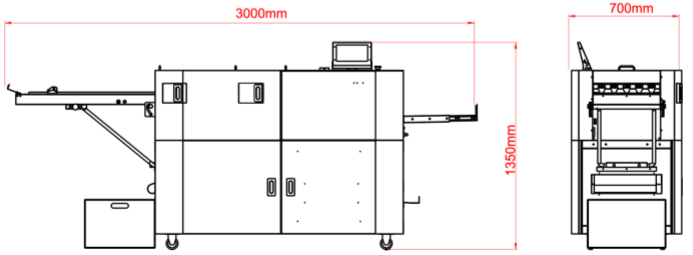
Book Cover

SLIT CUT PARTIAL PERFORATE: Leading all other machines in the world, the SuperCut is capable of partial cross perforating in both directions in a single pass through the machine. With 2 slide-in tool positions users are able to do any kind of straight partial perforation design that can be imagined. "T" shape, "L" shape as well as boxes and many other shapes are possible. Together with the cross perforation and creasing capabilities of the SuperCut this system is capable of producing endless types of products with high value added features.

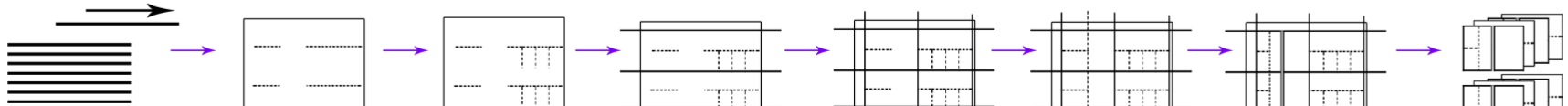
Promotional Coupon

Invitation card

DIMENSIONS



FUNCTION



Top Suction Feed

Auto set Linear Partial Perforate (2 lines up to 16 sections programmable)

Cross Partial Perforate (32 lines Xupto 8 sections programmable)

Slit (Up to 6 lines)

Cut(Up to 32 lines)

Cross Perforate (Upto 32 lines)

Cross Crease (Upto 32 lines)

Conveyor collection