

Stitching & Finishing



The **STI 12 Stitching and Finishing Line** has been specifically developed for Bingo ticket printers, although similar lines can be used to manufacture cheque books, receipt books and a wide range of printed sets and forms.

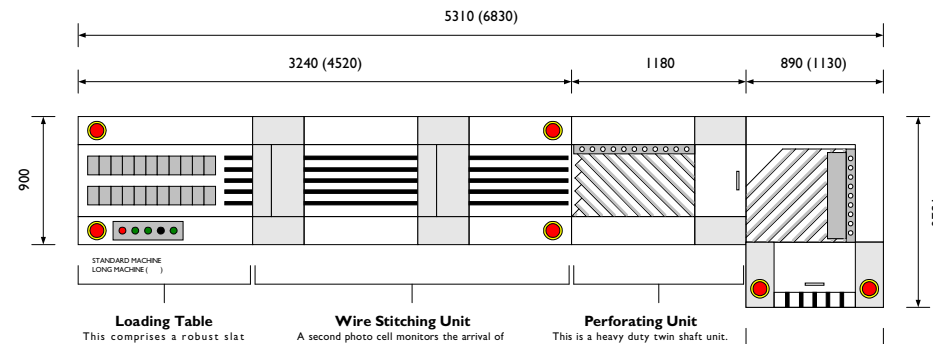
The modular design can stand alone or be linked with other equipment to perform a variety of stitching, perforating, slitting, sheeting and batching operations.

TECHNICAL SUMMARY:

Stitching Capacity : 6.35mm (1/4")
 Maximum Sheet Size : 600mm (24") wide x 750mm (30") long
 Throughput : up to 2000 sets per hour
 Telemechanique programmable logic controller.
 Bostitch 260 IEHD stitching heads fitted as standard.



STI 12 Stitching and Finishing Line Layout



Loading Table

This comprises a robust slat conveyor with independent motor drive coupled to a wrap spring clutch. The unit is activated by a photo reflective sensor which signals the microprocessor to sequence the line. Variable time delay features can be programmed into the unit to suit material and individual operating techniques.

Wire Stitching Unit

A second photo cell monitors the arrival of the set and activates the stitching cycle. The stitching and clincher beams also have independent motor drive, controlled by a wrap spring clutch. The sets are transported by tape conveyors again with independent motor drive, coupled to solenoid operated paper stops all controlled by the main microprocessor unit. Giving individual adjustment to all functions and providing unique flexibility of control and operation.

Perforating Unit

This is a heavy duty twin shaft unit. Sets enter the unit via a roller table which presents the set square to the perforator knives. The large diameter (100mm, 4") knives are mounted on quick change shafts which are easily adjusted for depth of cut while the unit is running. The unit is capable of producing good quality crash perforations (15-20 sheets subject to paper weight) and will deal with all known permutations.

Slitting and Delivery

After perforating the set passes onto an angled roller table which changes its direction through 90 degrees and into the slitting unit. This is a heavy duty single shaft unit which slits the set into ticket strips delivering them into a simple chute arrangement. This unit is also fitted with quick change shafts which enables fast cutter changes when necessary.

STW 800 Heavy Duty Collator Linked Stitching Unit

This multiple head stitching unit is designed to be positioned in line with a collator and will accept flat work such as wallpaper pattern book sections, lottery tickets etc.

It will accurately place up to ten wire stitches at the rear edge of a collated set without any set movement. Control is by a micro-processor unit which offers reliable operation with flexibility and the option of being interfaced with other equipment.

TECHNICAL SUMMARY:

Stitching Capacity : 20mm (3/4")
 Stitching Pitch : 75mm (3") minimum
 Maximum Sheet Width : 810mm (32")
 Throughput : up to 2000 sets per hour
 Telemechanique programmable logic controller.
 Up to 10 Bostitch 1800 ID stitching heads can be fitted.

