

WILSTEAD DIGITAL



Stitcher Binder Guillotine

Imagine a finishing system with the flexibility for short, special production runs together with the performance and reliability for high volume output. . .

THE WILSTEAD FINISHING SYSTEM

From a flat sheet input size of 1mm to 20mm thick, 150mm to 500mm long, 165mm to 300mm wide, corner stitch, middle stitch, three stitch? Front trim, intertrim? Add on accessories to **increase the input options even further**. Cheque books, vouchers, lottery tickets, manuals, pads, the Wilstead can finish them all and with book size changeover time in less than five minutes.

Two Hohner or Bostitch heads are fitted as standard but up to five can be fitted on a single stitcher unit.

Stitch and cut positioning is **precise to under .2 of a mm**.

The binding section folds impact tape around the folio to produce a **sharp, square spine whatever the thickness**.

Meeting the performance and accuracy needs dictated by the industry the Wilstead will increase not only your OUTPUT but your FINISHING CAPABILITIES.

The infeed section can be operator-fed but is also interactive with all printers. Optional folio feeders are available with the capacity of holding up to 39 pre-collated folios allowing one operator the freedom to also stack/box output stock.

The display panel advises the operator of book size selected, front folio trim option, intertrim option, number of books in folio, position of stitching heads, together with total folios/books produced.

An optional high precision measuring device confirms folio thickness prior to stitching, accurate to 1 sheet of paper.

The impact tape used on the binding system is easily available around the world in over 25 colours.

Strongly constructed and built to meet all European and US standards safety regulations.

The modular system comprises of a Stitcher/Binder unit and Guillotine unit. A Stitcher/Guillotine option is also available.

Guillotine

This unit can be purchased as a stand alone or on-line addition to other finishing equipment. The precise cutting and thickness ability is not matched in the industry.

If purchased alone, the unit incorporates a control panel allowing selection of up to 30 different book sizes easily programmed by the operator.

Also in the range is a larger capacity guillotine, please ask your local agent for details.

Outfeed conveyors can be purchased as an optional extra.

The finishing process Cycle of the machine

The infeed section of the machine transports the folio into the stitcher unit where the unique gripper mechanism holds firm the folio moving it forward for precise stitch positioning before presentation to the binder unit.

Impact tape is placed on the underside of the folio and a double conveyor system transports the spine through a series of guides forming a sharp square bind.

Once on the guillotine section, grippers take firm hold of the folio once more and move to the guillotine knife for precise cutting.

Using a five to view folio, two stitches per book and four guillotine cuts 600 cycles can be achieved in a one hour period producing a total finished output of 3000 books per hour.

Diagnostics/safety

Guarding surrounds all but the infeed section of the machine. Viewing windows allow the operator to follow the progress of the folio. Safety cut-outs render the machine inoperable should any viewing guard be opened.

Doors gain access for general set-up and maintenance work. These doors require keys for entry unless fitted with a safety cut out switch.

Full diagnostic facilities are standard on the finishing system assisting with general service and replacement parts set-up. Each section can be moved forward/backward at variable speeds. Sensors throughout the machine can be checked together with all motors and solenoids.

An extensive error code range alerts the operator of any process that fails to meet the target time allocation or operation and the unit will automatically stop each process along the line and await operator instructions to proceed.

Technical specifications

Part number	SB20/500 CG18/48	Stitcher/Binder Guillotine	
Input document size	Length	Width	Thickness
Minimum	150mm	165mm	1mm
Maximum	500mm	300mm	20mm
<i>Options available to reduce input document sizes.</i>			

Output document size

Length	min. 58mm	max. 500mm
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Dimensions

Stitcher/Binder	Height	Depth	Width
Guillotine (on-line)	1130mm	900mm	2400mm
Guillotine (standalone)	940mm	900mm	1420mm
	940mm	900mm	1820mm

*Total machine weight
uncrated 1150kilo.*

Power requirements

3 phase neutral (415V)
Fused at 10amps per phase
Power consumption 1.25Kw
Single phase options available
Operating temperature -5°C -
+80°C
Operating humidity 40%-90%
RH (non-condensing)



CG 18/48 Stand Alone

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