

***FASTSET 20/600* automated single-knife guillotine**

**Automatic book size
change in a fraction
over a minute**



**Class leading make-ready
speed and trim accuracy
and quality**

**High-productivity inline
and offline operation by
non-specialist personnel**

**Book thickness from
20 mm to single sheet**

**Typical output speed: 600
cycles/hour, 5 books-to-view**

WILSTEAD DIGITAL

Wilstead FASTSET 20/600 automated single-knife guillotine is readily integrated with other print finishing equipment. Operating with equal efficiency inline or offline, fast, fully automated size change ensures versatility and high productivity. A unique gripping system ensures optimal accuracy and consistency of output.

Trim size change at the press of a button

The Fastset 20/600's control technology, all-round performance and functional efficiency are state of the art. Changing the trim size is fully automatic at the press of a button. 30 different sizes can be stored in the memory and new sizes are easily programmed by the operator.



The fully automatic, user-friendly control system is screen-based and designed so that set-up and operation can be taken care of without the need for specially trained personnel.

High productivity

The output rate in continuous running is 600 cycles/hour. In 5 books-to-view operation, total finished output can be as high as 3,000 books per hour.

Optimal quality and cut precision

From start to finish, trimming operations are controlled so that clamp impression marks are prevented and so that consistent positional alignment of book titling is achieved throughout the production run. Cut positioning is consistently precise to an accuracy of 0.2 mm.



The track mechanism employs a travelling gripping system located on a lead-screw that clamps the folio pack as it proceeds to the guillotining operation, after which the gripper assembly releases and returns for the next cut.

Heavy duty construction, compact dimensions

The heavy duty construction of the Fastset 20/600 ensures optimal reliability in sustained running at maximum output speeds. Its small footprint allows convenient online installation where floor space is limited.

Versatility and compatibility

The Fastset 20/600 is compatible with Xerox, Océ, IBM and all other leading digital printers and can operate online with most perfect binders and back strippers.

In service with leading book printing houses

The Fastset 20/600 is in successful service in book finishing lines in the UK and Europe, Southern Asia and the Asia-Pacific region. Many units have been supplied for applications including high output security and high volume official Government print finishing. As testimony to the machine's build quality, early models supplied in the 1980s continue to give reliable operation in multi-shift working.



Quick and easy knife replacement

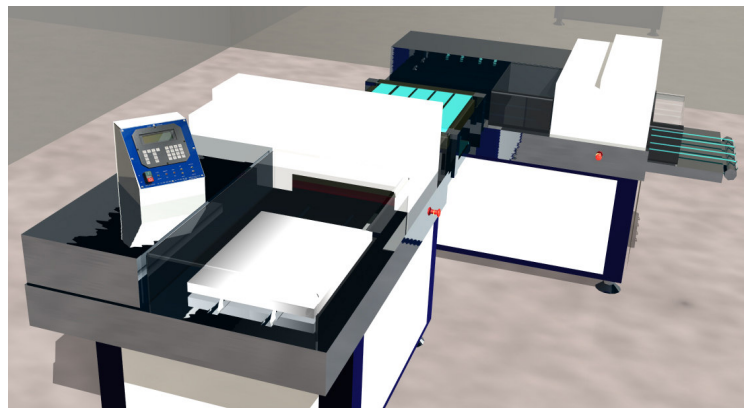
Bottom and top knives can be changed and production recommenced in 12 minutes.

Operating cost savings, a better return on investment

Whether it is being used for differently sized short-runs or thousands of copies of the same size, the Fastset 20/600 delivers significant savings in labour costs and makes a fundamental contribution to maximising the profit potential of a fully self-contained, automated pressroom facility.

Together with saving the cost of employing a specially trained machine operator, by reducing trimming to a simple, automatic in-house function, the Fastset 20/600 also saves the need to use external print-finishing services.

For productivity, flexibility of output and precision, the Wilstead Fastset 20/600 is in a class by itself.



Fastset 20/600 specifications

- Maximum book sizes:
500 mm x 305 mm page format x 20 mm thickness
- Minimum book size:
150 mm x 65 mm page format x 1 mm thickness
- CE certified and compatible with US machinery directive requirements
- Dimensions: 940 mm high x 900 mm wide x 1,850 mm long
- Weight (net): 500 kg
- Power: 400V 3 phase, + neutral 6A, 50/60 cycles 1,25 kW
- Compressed air consumption: 0.4245 cm at 8 bar
- Operating temperature range: -0.5°C to 80°C
- Operating humidity: 40% to 90%
- RH non-condensing

Fastset 20/600 operating features

- Automated make-ready via touch-screen display
- 600 trim cycles per hour in continuous running speed
- Typical output speed of 3,000 books in 5-to-view operation
- Automatic self-adjusting clamp pressure
- Infeed guides are adjustable to any trim position
- Knives changed in 12 minutes
- Altering the trim size does not involve changing the clamp pads
- Digital print friendly paper path
- Operates with equal efficiency inline and offline

- Handles all types of cover varnishing, coating and lamination
- Fully automatic operation and all-enclosed design ensures total safety
- Easy access for maintenance
- Quiet running

Fastset 20/600 control system

- Fully digital
- Operator friendly, easy-to-follow on-screen control instructions
- Full all-functions diagnostic fault finding
- Multiple book sizes can be stored in the memory
- On-screen display of total trimming cycles

Optional accessories

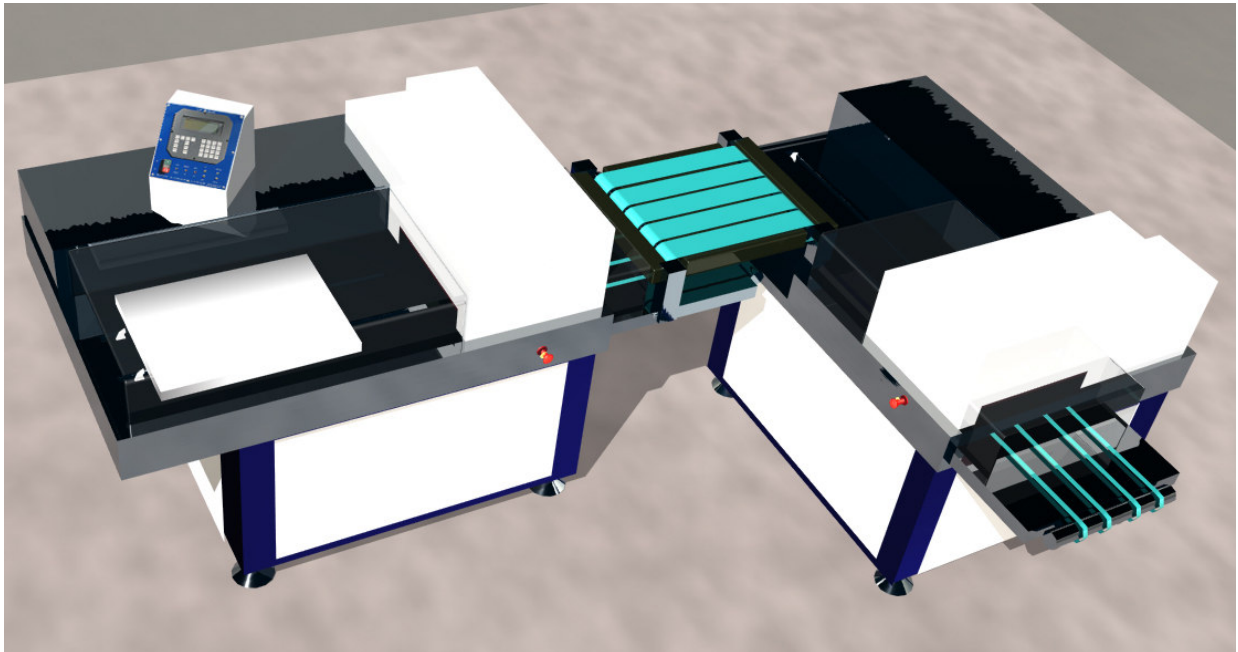
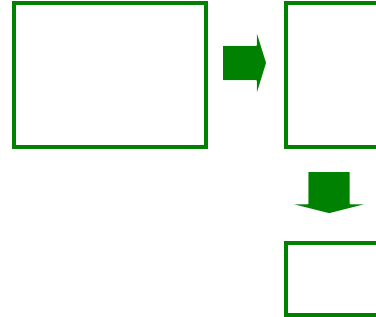
- Conveyor
- Purpose designed dryer unit to link the Fastset 20/600 to a perfect binder. This incorporates a facility that allows cutting in multiples when operating in line
- Waste extraction system
- Module for press/post-press line control interfacing

Two Fastset 20/600 units can be operated as an integrated in line guillotine system

For the production of books and booklets up to 20 mm thickness, two Fastset 20/600s can be installed to operate in line, which working with A sizes for example, enables A3 printer output to be cut to A4, and A4 to A5 or smaller, in a continuous operating sequence. With such an arrangement, the first unit accepts folio packs of up to 305 mm x 455 mm and cuts to the required intermediate size.

The packs are automatically stacked and then fed to the second 20/600 unit, which cuts to the finished book size.

In this arrangement, the two Fastset 20/600s can be operated from a single control unit if desired.



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