



RF 700

RF 700 spine gluing and lining machine – highest quality + more flexibility for processing thread-sewn book blocks

The new generation of Sigloch book block gluing and lining machines are setting new standards for post-print processing of high-end quality books. The compact machines are built to a modular design; machines can be individually configured to match performance targets ranging from 30 cycles/minute to the 70 cycles/min of the KOLBUS book production lines.

In many sub-processes, changes to important details have added up to a marked improvements. For example, suction belts are used to move the separated endpapers gently and reliably into the transport channel. This approach ensures that the endpapers are positioned exactly correctly relative to the bookblock.

In the RF 700, the glue is applied to the endpapers and not to the book block. This guarantees that the glue application pattern is absolutely repeatable and also that the curvature of a thread-sewn book block does not impact negatively on the positioning and gluing of the endpapers.

All gluing options are available:

- Side gluing attachment for dispersion glue
- EVA hotmelt
- PUR hotmelt spine gluing
 - 1 x EVA hotmelt
- 1 x dispersion glue and 1 x EVA hotmelt (Twin Flex)
- 2 x dispersion gluing
- PUR hotmelt

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Voucher copy requested.

The heat for drying is automatically adapted to the specific product thickness by switching heating elements on and off. Each heating element covers 20 mm: A second infrared source is switched on only for book blocks thicker than 30 mm. To ensure that the heat is always directed along the mid-line of the product, the heating module holder then automatically shifts sideways by 10 mm. To avoid machine components being heated up unnecessarily, excess heat is dissipated by a fan.

TECHNICAL DATA

Format range RF 700

(uncut, unpressed):

- max. 315 x 400 x 80 mm
- min. 100 x 120 x 3 mm
(width x thickness x height)
- Pressed format: thickness max. 80 mm
- Mechanical speed
Up to 70 cycles/min

Net output will depend on the specific product format, material, variable formats, etc.

