

The World of Bookbinding.

PräziBind

Layflat binding system

PräziBind is a layflat binding system consisting of three modules.

PräziBind-F to expose the paper fibres of the sheet edges

PräziBind-B to apply activator and special glue.

The system works with the unique patented Ribler binding technology.

PräziBind-A to press and dry the ready book blocks

This binding system is characterized by the following features:



- ⊕ layflat for small volumes and books-on-demand
- ⊕ minimum energy consumption
- ⊕ fibre exposure adjustable to paper quality
- ⊕ suitable also for difficult digital printing papers, also with higher grammages
- ⊕ environmentally-friendly special cold glue
- ⊕ wet-in-wet binding process for a durable binding
- ⊕ no emissions, no hazardous waste
- ⊕ perfect opening features

Technical data:

PräziBind-F (exposing fibres)

Floor space: 86 x 46 cm (W x D)
Height: 40 cm
Weight: approx. 79 kgs
Power supply: 230 V - 50 Hz (A. C.)

PräziBind-B (binding)

Floor space: 57 x 71 cm (W x D)
Height: 46 cm
Weight: approx. 44 kgs

PräziBind-A (pressing and drying station)

Floor space: 36 x 66 cm (W x D)
Height: 36 cm
Weight: approx. 12 kgs

Book block sizes:

Width: 120 - 430 mm
Height: 120 - 320 mm
Thickness: 3 - 30 mm
Output: up to 50 pcs / h

Subject to technical alteration.

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An opened block clamp is placed on the infeed chute of the **PräziBind-F**. Now the book block is inserted into the chute with its spine facing downwards and is jogged and centered. The book block is pressed and the spine treatment is started. Compared to the usual milling, notching or other roughening techniques, the Ribler technology lays open the fibres without tearing them. This creates a better surface structure for the gluing process.

After the cycle the block is taken out of the chute remaining in the clamp and placed into the **PräziBind-B**.

Now, the activator is applied to improve the tack between paper fibres and glue.

Then the environmentally-friendly special cold glue is applied

and worked into the spine. This gluing process is also part of the Ribler technology. The wet-in-wet process achieves an unrivalled durability of the layflat binding.

After gluing, the frame is returned to its home position, remains there for a few seconds, and the block is pressed on a previously inserted cover or alternatively on a **PräziCover** combined endsheet.

After a short waiting period the block may be removed together with the cover and is piled, lying on its back, for drying in the pressing and stacking station **PräziBind-A**.

After approx. 1 hour, the book block may be processed carefully (trimming, casing-in etc.). However, full bonding and stability is guaranteed after 10 - 12 hours only.

Options:

Block clamp with support plates available in 3 plate sizes:

- 50 mm (for small blocks up to 150 mm height)
- 100 mm (for medium blocks up to 250 mm height)
- 200 mm (for large blocks as of 250 mm height)

Ribler special glue, developed for the **PräziBind** system:

Ribler GreenFlow - activator to improve the tack between paper fibres and glue

Ribler Green Tack 50 - special glue to glue the individual pages to a layflat book block

Applications:



books of any category



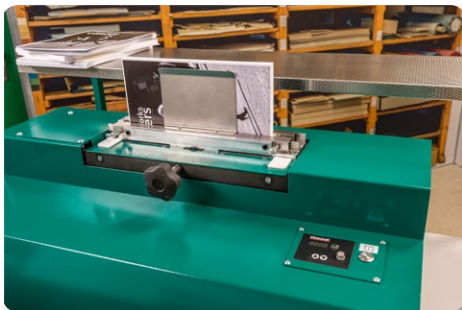
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