

The World of Bookbinding.



PräForm Neo

Book press and joint-setting machine

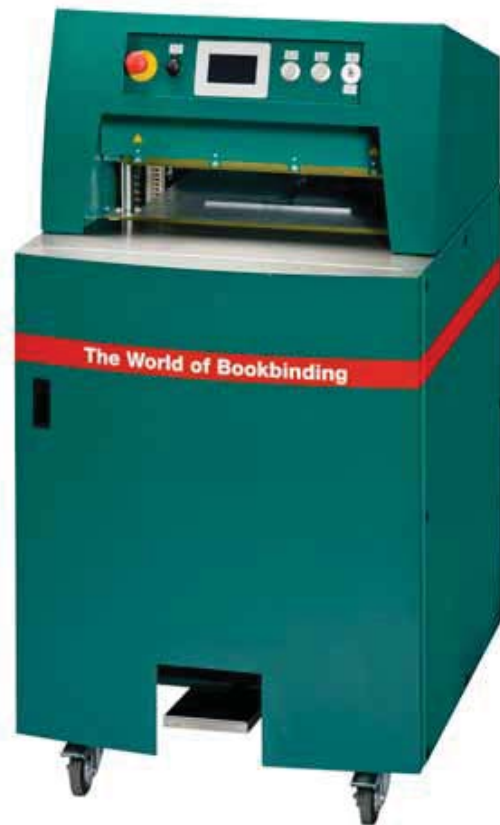
The **PräForm Neo** is a machine to press books after casing-in, setting the joint at the same time. It is especially designed to be used together with the **PräLeg Neo** casing-in machine and processes single books as well as series of books.

The **PräForm Neo** is equipped with two heated light-metal pressing plates of 520 x 445 mm and with heated joint formers. The machine is factory-equipped with rounded ("bull-nose") joint formers for gentle joint-setting especially for cellophaned and laminated papers as well as other binding materials such as cloth. Optionally, it may also be equipped with pointed or rectangular joint formers. The pressure of the joint formers is adjustable independent of the pressing plates by regulating the air pressure and may therefore be adapted to the binding material used and the joint depth required.

The temperature of the joint formers is controlled by touchscreen and is set according to the requirements of glue, binding material and also working speed.

A light-line helps to align the book for single books. For serial production, an adjustable back stop helps to speed up alignment.

The pressing time may also be adjusted by touchscreen. After this period of time, the press opens automatically and the book can be taken out. Therefore, the working cycle can be adapted precisely to the casing-in speed, i. e. the **PräForm Neo** is already open when the next book is to be inserted. This speeds up the working process considerably. The press may also be opened manually by push-button any time.



Technical data:

Floor space:	88 x 81 cm	Book sizes:	
Height:	147 cm	Book height:	up to 520 mm
Weight:	264 kgs	Book width:	120 - 445 mm
Power supply:	230 Volt / 50 Hz / 2.0 kW (A. C.)	Book thickness:	8 - 100 mm
Air supply:	6 bar	Output:	150 pcs/h (depending on the material used)

Subject to technical alteration.

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The principle of operation

After casing-in the book is placed on the bottom pressing plate with the joint lying on the joint former. The upper joint former is marked by a light line.

When single (assorted) books are being produced, the top pressing plate can be lowered onto the book by foot-treadle to align the book with greater accuracy.

For series production, the machine is equipped with a back



stop which is adjusted to the book size. The stop is released by push-button, aligned according to the book width and fixed at the correct position by the push-button. All further books is pushed against the stop only and is aligned properly.

After activating the pressing process by pressing the push-button "Close press", the pressure of the joint formers is established when the pressing plates are already pressing. This ensures that upper and lower joint are pressed equally. Moreover, temperature, pressing time and pressure of the joint formers can be adapted to the product to obtain perfect results.

After the preset pressing time, the machine opens automatically (or manually by pressing the push-button "Open press" and the pressed book can be removed. Usually it is then stacked to dry out and does not need any more pressing.

All settings such as pressing time, pressure, temperature and automatic opening are edited viay touchscreen.



External access is possible by built-in LAN port.

Working speed and operation of the **PräForm Neo** are matched for use with our PräLeg Neo casing-in machine. Both machines can be operated by one person so that a high output can be achieved. However, the pressing of books cased-in manually is also possible.

Optional accessories

For pressing thicker cover materials such as cloth, leather cloth etc. we offer different joint formers.

Barcode recognition and a programmable back stop (via barcode reader of the **PräLeg Neo**) are under preparation.

Special versions

Besides the standard machine for the production of books we also supply customised versions (e.g. for the pressing of video-tape covers). Special tools are thereby made according to product samples supplied. In case of interest, please ask our technical department.

Advantages of the **PräForm Neo**:

- Pressing and joint-setting at the same time saves time.
- To burn-in the joints on adhesive still fresh from casing-in achieves an unsurpassed durability of the joints.
- A much improved appearance of the books as the joints are set clearly and permanently against the cover edges
- Easy machine setting via touchscreen