



PräForm

Multiple-station book press and joint-setting machine Type 55



Multiple station book press and joint-setting machine

The **PräForm** is especially designed to be used together with the **PräLeg** casing-in machine and processes single books as well as series of books. Its output matches the output of the **PräLeg** and offers a perfect combination for the final processing of books of different formats.

The new **PräForm** is the first machine in a new ergonomic design and with a state-of-the-art electronic control.

Technical specifications

Floor space:	230 x 250 cm	Book sizes:	
Height:	151 cm	Height:	up to 315 mm
Weight:	ca. 750 kgs	Width:	80 - 420 mm
Power supply:		Thickness:	up to 70 mm
	200 - 240 V / 50 - 60 Hz / 0,8 kW (AC)	Output:	250 pcs / h (depending on material)
Air pressure supply:			
	6 bar		Subject to technical alteration

The World of Bookbinding.



PräForm

The **PräForm** Type 55 has 8 stations with spring-supported and heated joint bars. The joint bars are exchangeable and available in different shapes for various applications. The built-in joint bars are suitable for laminated and cellophaned papers as well as for binding materials such as cloth.

With its 8 stations to be fed individually the machine perfectly matches the speed of the **PräLeg** and ensures - at maximum



work speed - a pressing time of at least 115 seconds per book. This is an adequate time to achieve a durable connection between book block and case and ensures a durable shape of the joint.

As the individual stations open automatically in the withdrawal position, the ready book can be removed quickly and the next cased-in book can be inserted.

With the new multi-station system and its higher output a longer pressing time is achieved which is required for a high-quality joint. All mobile, mechanical parts are covered by the new ergonomic casing. The lateral and the rear covers may be removed easily and allow easy access to mechanical parts. The front casing is swivel-mounted and covers the switchbox. The machine has two pneumatic covers on the front to allow easy access to the upper pressing stations.

The **PräForm** is controlled by touchscreen. All functions of the machine may be checked and each station may be controlled individually on this monitor. Here the machine is configured and gives the service engineer access to the control. Errors are monitored and saved for analysis and may be read out via remote maintenance. The opening widths as well as the operation speed of the stations are



individually adjustable. Especially during serial production the work processes may be accelerated by reduced opening widths. The operating speed is adjustable. The machine may be integrated into a network and is, e.g., already prepared for barcode recognition.



The state-of-the-art safety system of the machine (e. g. light grid) combines highest safety standards for the operator with perfect ease of operation as there are no disturbing coverings in the working area.

The principle of operation

After casing-in, the book is placed on the bottom pressing plate with the joint lying on the joint former. By pressing the push-button, the pressing process is started. The book is pressed with the pressure preset via touchscreen and the station is moved one step to the left. The next station opens automatically. The next cased-in book may be inserted and/or the pressed book may be removed from it.

Processing speed and operation of the **PräForm** are adapted to joint use with our **PräLeg** casing-in machine. Both machines may be operated by one person, which ensures high productivity.

Manually cased-in books may, of course, also be processed in the **PräForm**.

Optional accessories

- **Pusher** with back stop for exact positioning of the book. Pushes the book to the front after pressing where it's taken out manually.
- **Piling unit** with claw and conveyor belt. After pressing, the books are pushed to the rear into a piling station, which lowers with each book inserted, and are then moved away by a conveyor.
- **Claw** for output of the book to the rear
- **Barcode recognition** for exact positioning of the back stop

The World of Bookbinding.