

The World of Bookbinding.

PräLomo Pro

Pneumatic book back rounding machine



PräLomo is a pneumatic machine to round book blocks in a wide size range. It rounds assorted book blocks (with frequently changing block thicknesses) as well as series of blocks.

The device consists of a basic frame with a table that is adjustable in height and a mobile rounding bar with which the rounding of the book block is achieved.

This rounding bar is heated. The temperature can be adjusted progressively by a temperature control. Thereby the fan-bound back is heated during the rounding process. The book block may then be rounded much easier and the rounding is even.

The table plate is adjustable in height in order to adapt it to different block thicknesses. The thickness is adjusted with a locking lever on the left side of the machine.

Moreover, the machine has a built-in heating plate on the right side. The book blocks are piled into the plate for heating up prior to rounding in order to soften the fan-bound backs.

Technical data:

Floor space:	104 x 48 cm	Book block sizes:	
Height:	114 cm	Thickness:	8 - 80 mm
Weight:	87 kgs	Height	
Power supply:	230 Volt / 50 Hz / 430 W	for PräLomo Pro:	0 - 520 mm
Air supply:	6 bar	for PräLomo:	0 - 320 mm
		Output:	approx. 100 - 150 pcs / h

Subject to technical alteration

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The principle of operation:

At first, the heating of the device is switched on. The heating process takes approx. 5 - 10 minutes. It is recommended to arrange the book blocks to be rounded according to their thickness and to put the first blocks into the heating plate.

Now the block thickness of the first book block is adjusted with the locking lever.

The book block is placed on the table and pushed against the now vertically standing rounding bar with its fan-bound side.



Now the foot pedal is pressed a few times, until one half of the book back is rounded. While activating the pedal, the book block is held back against the rounding bar with both hands. Then the book block is turned and the other side is rounded in the same way.

With the pneumatic system, the power of the rounding plate is adjusted by foot pedal. The stronger the pedal is pressed down, the stronger the block will be rounded.

With only a little practice the stronger the rounding plate presses.

PräLomo only rounds book blocks bound with dispersion glue (cold glue). Blocks bound with hotmelt may not be

rounded as the heat would "reactivate" the hotmelt. The rounding of PUR-bound blocks may only be possible after intensive testing and within a very short time frame.

Other versions:

PräLomo - Manual book back rounding device as desktop model. Rounding is done by means of a rounding lever.



Main features of PräLomo:

- Heated rounding plate for quick rounding
 - Table plate quickly adjustable to different book thicknesses
 - Large size range
 - Rounding plate power adjustable by foot pedal
- PräLomo Pro** and/or rounding lever for **PräLomo**