

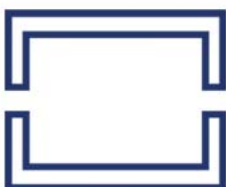
**Laban-Produkttechnik**  
Entwicklung und Produktion



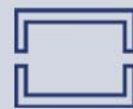
Many satisfied customers throughout  
the world work with the IRM 3.

# IRM 3

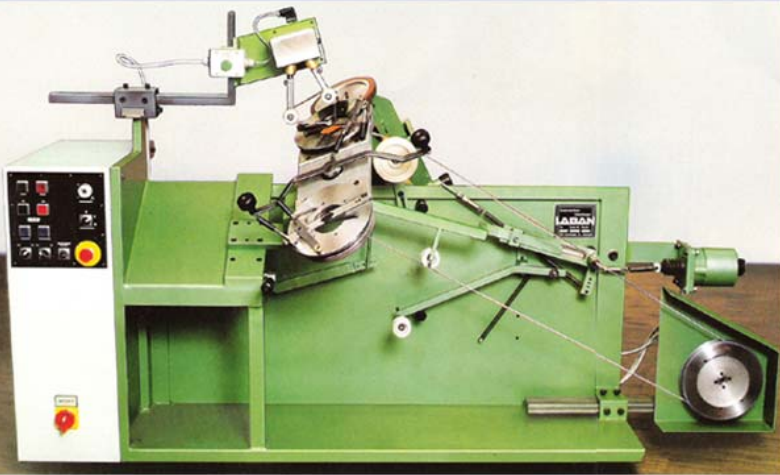
*Higher turnover thanks to the  
"Inner Ring Grinding and Polishing Machine"*



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## IRM 3 - Inner ring grinding and polishing machine



**Easy-to-operate, short setup times, broad range of applications. The Laban IRM 3 has many advantages.**

### **The design of the machine allows a rational mode of working.**

Two independent clamping plates are arranged on a revolving bench, one in the working position and the other in refitting mode. While a work piece is being ground on one plate the other can be refitted manually. Depending on the size and material properties it is possible to grind equipment for between 3 and 10 seconds.

Semi-automatic belt adjustment and a clamping facility round off the machine's features. The belt is lifted and lowered by means of a magnet and can be adjusted to suit various work pieces. Continuous grinding belts in lengths of 300 cm, 350 cm and 400 cm can be used; the ideal width is approx. 0.8 cm.

### **Rotating plate for oval rings - IRM 2500**

As an accessory for the IRM 3 we offer a rotating plate for oval rings. This attachment enables you to grind and polish oval instruments, scissors and clamps evenly and easily.



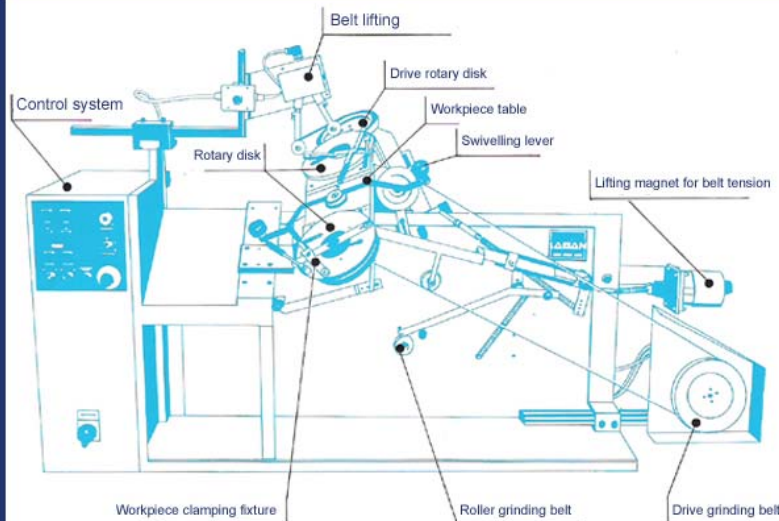
This considerably reduces the amount of work required compared to manual grinding and polishing of oval rings. The energy-saving process also increases productivity.

One major ADVANTAGE of the rotating plate for oval rings is the clean and uniform grinding pattern. The attachment considerably improves the grinding pattern compared to manual processing. The great ADVANTAGE: even grinding of the rings ensures the quality that your customers demand. Because the work pieces are ground and polished evenly this drastically reduces the amount of work for your employees, which also leads to a higher turnover.

### **Laban-Produkttechnik - IRM 3**

We are based in the centre of a region which is known throughout the world for the production of surgical instruments. Because of our good contacts to many manufacturers we are very familiar with the production problems that the industry faces and have the corresponding expertise in this specialised field. Our solutions – which are all developed according to our customers' requirements - include the development, design and production of special machines and equipment. We can also provide you with efficient components to rationalise your production processes.

The IRM 3 - Inner Ring Grinding and Polishing Machine was especially developed to grind and polish scissors, clamps and annular instruments and is also very suitable for grinding and polishing oval grip rings, such as plaster scissors and similar tools.



### **The major advantages of the Laban IRM 3 at a glance**

- The grinding belt is fed in mechanically, the belt is lifted and lowered by a lifting magnet
- While you are grinding with one rotating plate, the other is being refitted
- The speed of the rotating drive plate is infinitely variable and can thus be adapted to the quality of the respective work piece
- The pressure of the grinding belt can be adjusted to the inner ring that is being ground/polished manually and also by means of the lifting magnet
- All components produce a better grinding quality (grinding pattern) and extremely short processing times of 3 – 4 seconds per work piece.
- On the whole the Laban IRM 3 is a rational and inexpensive alternative for every surgical-mechanical production company compared to previous grinding and polishing equipment.

