

# PUNCHING PRESS SP 1000

EN

Manual punching device for the making of standard test specimens, used for material testing on rubber, elastomers and flexible polymer foam materials.



With the single punching press SP 1000, you can punch standard test specimens, made from rubber, elastomers or soft-elastic polymer foam materials, in no time and with little effort.

The eccentric lever is easy to handle, reducing the necessary force during the punching process down to a comfortable level, and thus enabling the convenient operation of the press. Fastened with just one knurled-head screw, the punching devices can be comfortably changed at any given time. Numerous punching knives are available for the different sample geometries, according to standard. The height of the compression die can be adjusted precisely to the thickness of the material specimens. After the punching process, the ejector integrated in the punching device will automatically release the specimens and thus allow their removal.

## STANDARDS

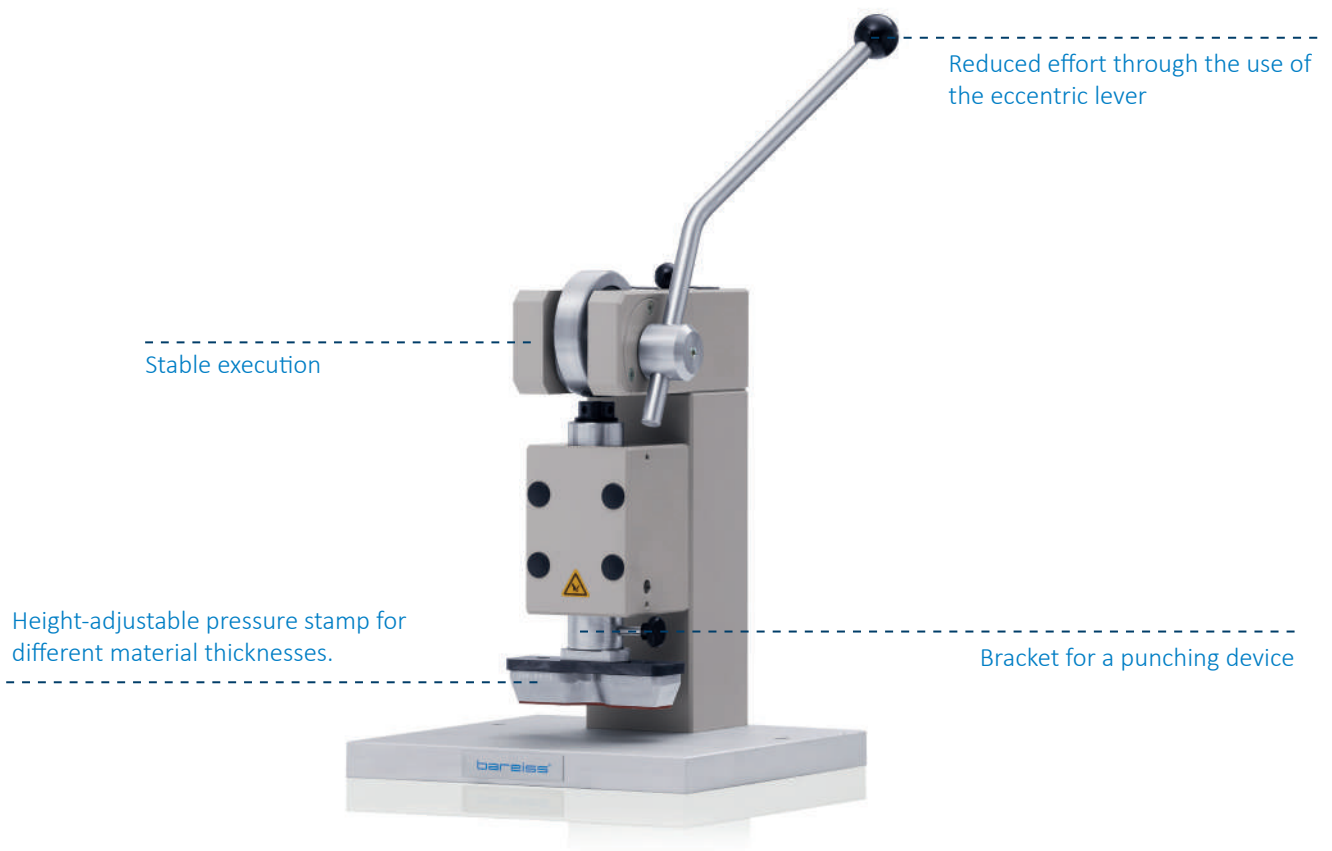
For the punching press SP 4000, the punching devices for specimens from flat materials are manufactured in accordance with all standards, at the request of the customer. It is also possible to manufacture individual special shapes, in accordance with the associated drawings. Just ask us. Examples of standard test specimens:

- Dumbbell specimens according to DIN 53504
- Strip tests according to ISO 34-1
- Angle test according to Graves, according to ISO 34-1

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## MAIN CHARACTERISTICS



Reduced effort through the use of the eccentric lever

Stable execution

Height-adjustable pressure stamp for different material thicknesses.

Bracket for a punching device

### TECHNICAL SPECIFICATIONS

 **Measurements** W x D x H: 270 x 270 x 600 mm

 **Weight** 20 kg

### SCOPE OF DELIVERY

Punching press SP 1000

Punching pad

Operating manual

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## ACCESSORIES

**Punching device with holder and ejector** for different geometries according to ISO, DIN or ASTM

**Punching pad**

### REFERENCE

The SP 1000 delivers a punching device which can be used to create standard test specimens. For further sample geometries, the punching device must be changed. With several, frequently-recurring sample geometries, our SP 4000 punching press can be alternatively used. The holder allows for up to four different punching devices to be used at any moment. The SP 4000 is particularly suited for punching ring-shaped specimens.

MADE IN GERMANY SINCE 1954.

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The accreditation is valid for the scope listed in certificate D-K-15206-01-00 (mechanical measurands in the range of hardness).