

Description

This precision tool may be used whenever strip-shaped specimen made of film, paper, cardboard and similar material is desired. The standard STR has a 15 mm cutting width and a cutting length of up to 300 mm to produce customised specimen.

Features

- **High reproducibility:** Clean-cut edges and exact dimensioning guarantee a high reproducibility of consecutive tests.
- **User-friendly operation:** This easy-to-use device can be put into operation anywhere; there are no special laboratory requirements.
- **Cutting tool:** We use standardized blades which are available in hardware stores all over the world.
- **Flexible cutting widths:** The STR is also available with a customized cutting width. Fixed cutting widths between 15mm (0.59in) to 25.4mm (1in) are available.
- **Simple maintenance:** The blades can be easily replaced as required.
- **Long life:** High-quality manufacturing adds value and reduces overall downtime.
- **Safety:** A special construction virtually eliminates danger of injuries during the cutting process.
- **Future:** The device meets the increasing QC requirements for the packaging industry.

Typical application

The strip cutter is particularly suitable for sample preparation for the following devices:

- **Heat-Sealing Machine HSG-CC**
- **Hot Tack Attachment**
- **Universal Tensile Tester VNG-E**

Optional accessories

- **Industrial blades**
The scope of delivery includes 40 replacement blades. If necessary additional ones can be purchased from us at anytime.

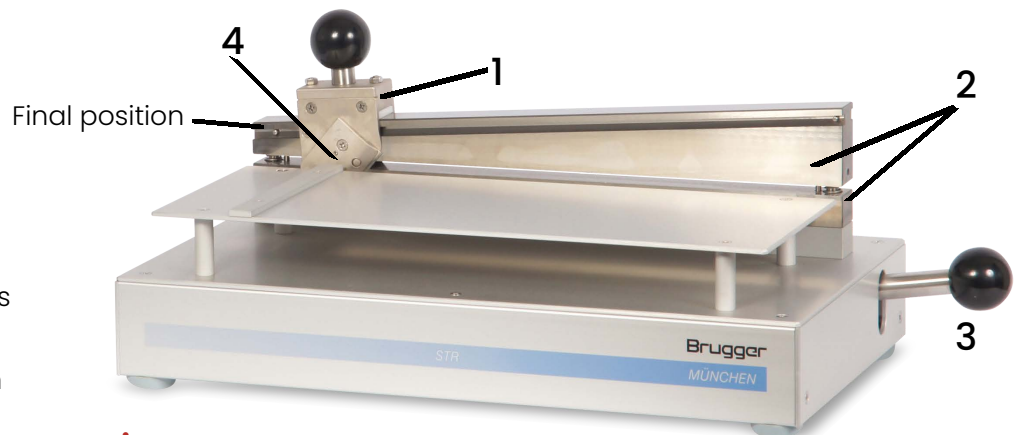
Specifications

Cutting width	15 mm, optionally 25.4 mm (1 inch) or widths in between
Cutting length	300 mm
Sample Thickness	max 300 µm
Dimensions	530 x 260 x 220 mm
Weight	8 kg
Storage temperature	0°C - 50°C
Working temperature	15°C - 35°C
Relative humidity	max. 80%, non-condensing
Standard	ISO 527 3 - Plastics - Determination of tensile properties
Required Accessories	Industrial Blades

Operation

To cut the sample:

- Refer to the figure.
- Prepare the sample. Make sure one of the edges does not exceed 300 mm.
- Place the sample between the clamping rails(2). You can feed the sample
- from the left side as well as from the right side.
- Affix the sample by pressing down the lever(3).
- Hold down the lever and quickly pull the cutting device towards the lever.
- Remove the cut specimen **carefully**, which is situated between the clamping rails.
Caution! the edges of the clamping rails are extremely sharp.



Maintenance

There is no specific maintenance required. If required, you need to replace or turn the blades in the two holding devices(4) of the cutting device(1).

To replace or turn the blades:

- Move the cutting device (1) towards to the lever.
- Using a suitable Philipps screwdriver, open the screws at the holding device (4) and remove the holding device.
- Turn or replace the blade as necessary.

- **Caution! To avoid injuries, be extremely careful while replacing or turning the blades.**
- **Tip:** If you turn the blade mark it with a water-proof pen, thus avoiding to use blunt edges multiple times.
- Re-attach the holding device and tighten the screws.
- Repeat the upper steps to change the blade in the second holding device.
- Move the cutting device back to the final position.