

STR

Strip Cutter

The Strip Cutter produces standard strip-shaped specimens of foils, paper, cardboard, pasteboard and similar materials.

These cut specimens are suitable for standard tensile and hot tack-tests.

The cutting device is equipped with removable cutting blades, which can be easily changed after they are worn out, thus assuring a uniformly high quality of the cut surfaces.

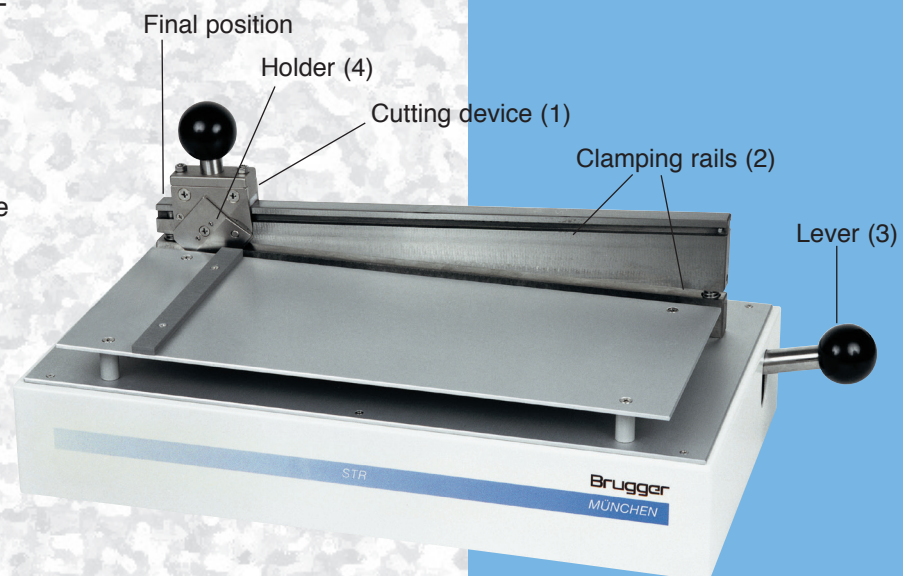
This saves the cost for time-consuming resharpening of cutting knives or bars.

Our product has been successfully used for the following:

- Preparation of the specimen during the development process
- Preparation of the specimen for the quality control process

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 standardised blades which are available in hardware stores all over the world.
- **Flexible cutting widths:** The STR is also available with a customised cutting width in the range from 15 mm (0.59 in) to 25.4 mm (1 in).
- **Simple maintenance:** The blades can be easily replaced as required.
- **Long life:** High-quality manufacturing adds value and reduces overall down-time.
- **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.



Description

- The Strip Cutter consists essentially of the basic body with the clamping mechanism and the clamping lever, a supporting table with stop and the double cutting device for producing strips in a single operation.
- The device is generally designed for a cutting width of 15 mm (0.59 in) and a cutting length of 300 mm (= 11.81 in). Optionally, a cutting width within the range from 15 mm to 25.4 mm (1 in) is available.
- The cutting device is equipped with removable cutting blades.

Operating Instructions

To cut the sample

- Refer to the figure overleaf.
- 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, which is situated between the clamping rails.

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.

Specifications

Cutting width	15 mm (= 0.59 in), optionally up to 25.4 mm (= 1 in)
Cutting length	300 mm (= 11.81 in)
Thickness of the specimen	0.3 mm max.
Dimensions	530 x 260 x 250 mm
Weight	8 kg