

## Precision in the most compact space - Finishing of microplates

### Sealing and cutting module made by Rohrer Tools as the central element of a production line

At first glance, the purpose of this module is manageable: sealing a microplate with a film that is then to be cut into strips. However, at second glance, there are some challenges in the technical realization:

- ALU laminate with tough sealing layer and tendency to curl
- end product dimensions of just 120 mm x 80 mm and a stripe width of less than 8 mm
- height and position tolerances of the end product make the cutting process more difficult
- minimal design space with predefined, machine-related dimensions



**sealing and cutting module, consisting of film handling, sheet cutting and sealing unit and longitudinal roll knife cutter**

### Highlights

- plug-and-play module ready to install, including all drives and sensors
- service-friendly design with preassembled, easy-to-change units
- newly designed support systems for precise film fixation on the end product
- durable high-quality components for maximum availability



**precision in every detail**