

## Optimised extrusion line for TPE/PP sealing profiles

**KraussMaffei Berstorff** has bundled the technical knowledge and expertise of the production sites in Hanover and Munich in a new high-end extrusion line for the production of sealing profiles. The line is designed for processing polypropylene or thermoplastic elastomers of different hardness degrees.

[image\_0]

The various profile components can be compounded on up to five single-screw extruders with screw diameters ranging between 30 and 90 mm. The new line concept has been developed for sealing system producers in the automotive industry as well as for manufacturers of technical profiles used in other branches of industry.

According to **KraussMaffei Berstorff**, the new line reflects the plant engineering competence and special expertise in the design of extrusion tools and lines for the production of the most varied sealing profiles developed in Hanover. In addition, it is equipped for the first time with the reliable single-screw extruders built in Munich that have been exclusively used for tube and window profiles and sheet extrusion in the past, says the company. The result obtained is a top-end line concept for the production of a wide range of different sealing profiles.

[image\_1\_right]

Thanks to the modular design, flexible machine configurations can be tailored to specific applications: from conventional mono-extrusion lines up to hybrid profile production lines with flock-tape system or steel insert. Considering these features, the new line is an ideal solution for customers that process a wide range of different profiles and need a maximum degree of flexibility. The upstream and downstream equipment such as vacuum conveying system for metering, energy-optimised raw material pre-drying, hot-air channel and closed-circuit cooling basin contribute to increased energy efficiency. A central control panel is provided for the line control, i. e. for all line components and the auxiliary groups. The production line for composite profiles with run-in extrusion tools is delivered as a turn-key solution – from the metering equipment right through to the depositing table for the finished profiles.

**Adresse:**

<http://www.gupta-verlag.com/general/news/technology/10807/optimised-extrusion-line-for-tpe-pp-sealing-profiles>