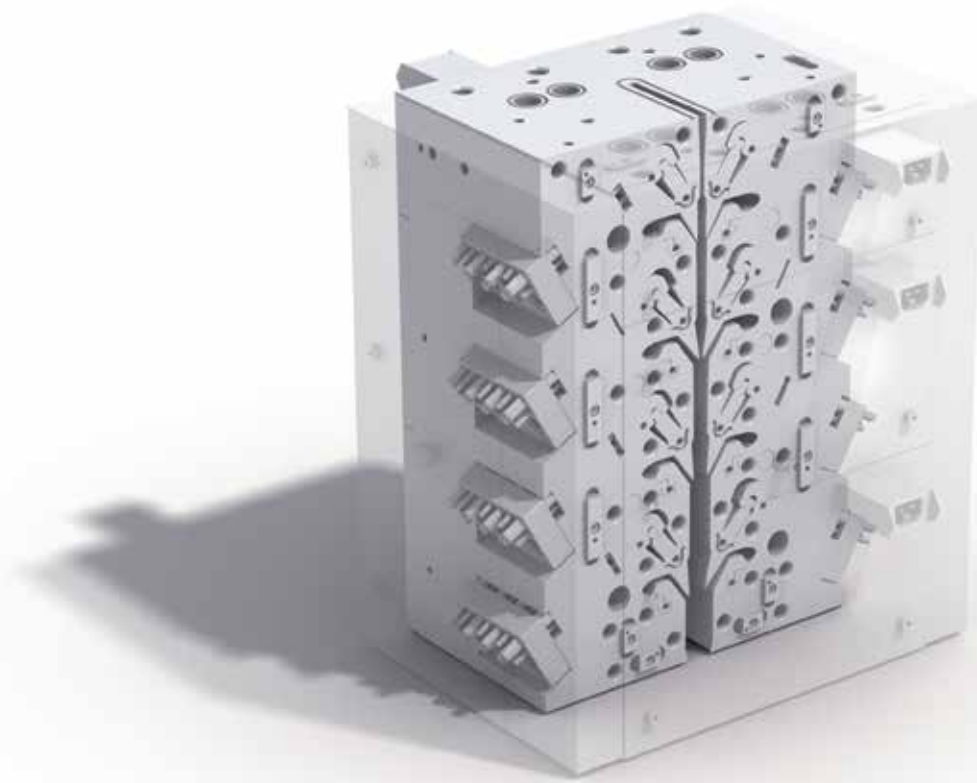




Reifenhäuser

EXTRUSION SYSTEMS

The Extrusioners



Coextrusion systems

If you are looking for cost efficiency as well as quality for your multilayer film production line, it's worth your while to take a closer look at our coextrusion feedblocks. In fact, our solutions enhance film function. At the same time, they minimize the use of raw materials. This is achieved by the specific adjustment of each single layer. In addition, and uniquely, the center layer can also be influenced separately and directly. It makes the sustainable production of multilayer film child's play.

Coextrusion adapter FG



Type	Coextrusion adapter FG with a fixed geometry of the flow inserts
Application	The coextrusion adapter FG is the right solution for the production of multilayer products made of similar raw materials. High reliability combined with an easy handling characterize this coextrusion feedblock.
Number of layers	2 – 5
Options	Valve block for closing the covering layers

Coextrusion adapter Pro



Type	The Pro with variable adjustable melt flow channel geometry in the feedblock by segmented profilers
Application	The Pro is the best solution for the production of rheologically challenging multilayer structures with high requirements on the quality of the individual layer distribution, e.g. as needed for films and sheets with barrier functions. The patented system with adjustable segmented profilers saves time and valuable raw materials since each layer, including the middle layer, can be adjusted without a stop of the extrusion line. For an easy and fast reproducibility of the individual adjustments, index pins show the exact position of the segmented profilers.
Number of layers	3 – 11 (more upon request)
Options	Channel pack for changing the layer structure Single point adjustment of the segmented profilers

Option

Edge encapsulation



Type	The Pro IE with variable adjustable melt flow channel geometry in the feedblock by segmented profilers and additional internal edge encapsulation
Application	The Pro IE is the perfect solution for the extrusion of rheologically challenging multilayer barrier sheets with high requirements on the quality of the individual layer distribution in combination with optimized production costs. For this the patented Pro has been upgraded by an internal edge encapsulation option for one layer. With this option the normally required additional edge encapsulation extruder as well as the edge encapsulation device of the flat die are no longer needed. This saves space and energy plus simplifies the operation of the entire extrusion line.
Number of layers	3 – 11 (more upon request)
Options	Additional edge encapsulation pins for changing the encapsulation width Channel pack for changing the layer structure Single point adjustment of the segmented profilers

PAM



The Coextrusion Adapter Pro is the only Coex System on the market that allows you to profile the individual layers while the line is running. PAM completely automates this adjustment and simplifies adjustments and optimizations through recipe management.

Recipe memory for quick adjustment while the line is running, which increases your good production and makes you less dependent on the qualifications of individual line operators.

Contactless adjustment while the system is running, which offers operators a higher level of work safety.

Optimized layer distribution for reduced scrap and material usage, increasing your margin.

Automatic profiler control for minimal setup and changeover times that improve your efficiency.

Digital fingerprint for traceability of setting parameters, which makes it easier for you to provide evidence to your customers.

