



Reifenhäuser

EXTRUSION SYSTEMS

The Extrusioners

FACTSHEET

Reifenhäuser Extrusion Systems – Why invest in a whole new machine when the key components can be purchased separately?

Reifenhäuser Extrusion Systems (RES) increases product quality, production efficiency and contributes to a company's sustainability goals. RES offers customized solutions at the price of standard components – a competitive alternative to investing in a complete new machine.

1. Customized solutions at the price of standard components

Reifenhäuser Extrusion Systems (RES) is part of the family-owned Reifenhäuser Group. RES aims to increase quality, efficiency and profitability in the processing of plastics by offering customized solutions for extrusion lines and injection-molding machines at the price of standard components. Our solutions are based on more than 100 years of experience, our own processes and manufacturing methods, direct contact between engineers, a worldwide network of experts and production facilities – and a modular construction system that has stood the test of time. RES is a partner to customers who require a fully engineered solution for a specified end product, and to engineering companies, e.g. machine builders, who require components based on their drawings.

2. Four ways to maximize profitability

To precisely meet customers' needs, RES offers components such as screws and barrels, extruders, co-extrusion feed-block systems and flat dies in three basic equipment variations: Smart, Advanced, Premium. And with the fourth Select option, RES also supplies solutions for niche applications that require

special technologies. All four variants focus on individual requirements concerning durability, flexibility, automation and convenience. In combination with individual advice from our team of experts and our state-of-the-art material labs for research and development, this guarantees maximum economic efficiency for customers.

3. Extended service life – for all systems

RES provides a cost-effective alternative to an investment in a completely new machine and increases the sustainability of its customers. RES components for extrusion lines and injection molding machines add value and enable customers to achieve greater sustainability. Of course, RES components can be integrated into Reifenhäuser extrusion lines, but they are also compatible with machines from all other manufacturers. For example, due to our unique wear protection technologies for screws and barrels, the effective service life of every extrusion line and injection molding machine can be increased. Further RES components, like extruders or flat dies, can also be used to upgrade existing extrusion lines, even those from other manufacturers, e.g. for the processing of biodegradable plastics.

Smart

For high quality with no compromise

For optimized functionality: Our Smart solutions meet custom requirements and our own high-quality standards.

Advanced

For extra efficiency and user-friendliness

Enhanced durability, greater flexibility, and more automation: Our Advanced Solutions increase efficiency and user-friendliness.

Premium

For top performance and reliability

For customers who expect and demand more: Our Premium solutions enable extremely challenging productions.

Select

For non-standard products

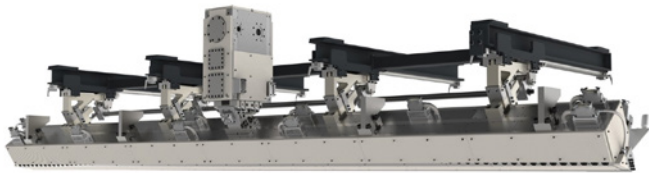
Whatever is unsuitable is adapted to the requirements: Our Select products are the solution to all applications that require special technologies.



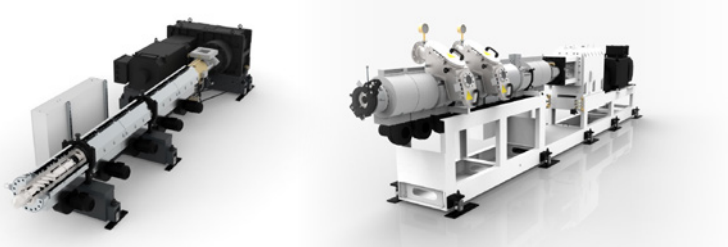
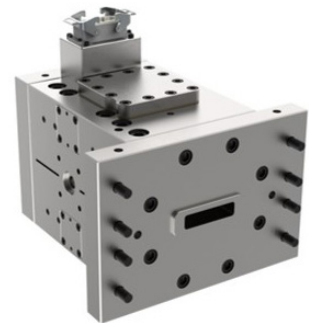
Armored barrels: 14-400 mm inner diameter up to 9 m length



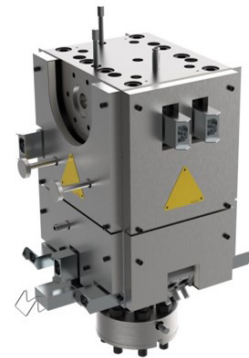
Armored screws: 40-350 mm diameter up to 9 m length



RES offers a wide range of flat dies for all kinds of applications, such as flat film, sheet, coating and tape extrusion, including the world's largest cast film die with a width of 7100 mm.



Best-in-class extruders by RES: Standard single screw and co-rotating twin screw extruders



RES co-extrusion feed-block systems:
Reicofeed FG with fixed geometry,
Reicofeed VG with variable geometry,
Reicofeed Pro with variable geometry that can be adjusted during production

Your benefits:

- Customized solutions at the price of standard components
- Three equipment variants (Smart, Advanced, Premium) for individual requirements
- Select variant for applications that require special solutions
- Unique wear protection technologies for screws and barrels of extruders and injection molding machines for extended effective service life
- Components for upgrading of extrusion lines, also from other manufacturers, e. g. for processing biodegradable plastics
- State-of-the-art material labs for research and development
- Individual advice from worldwide team of experts