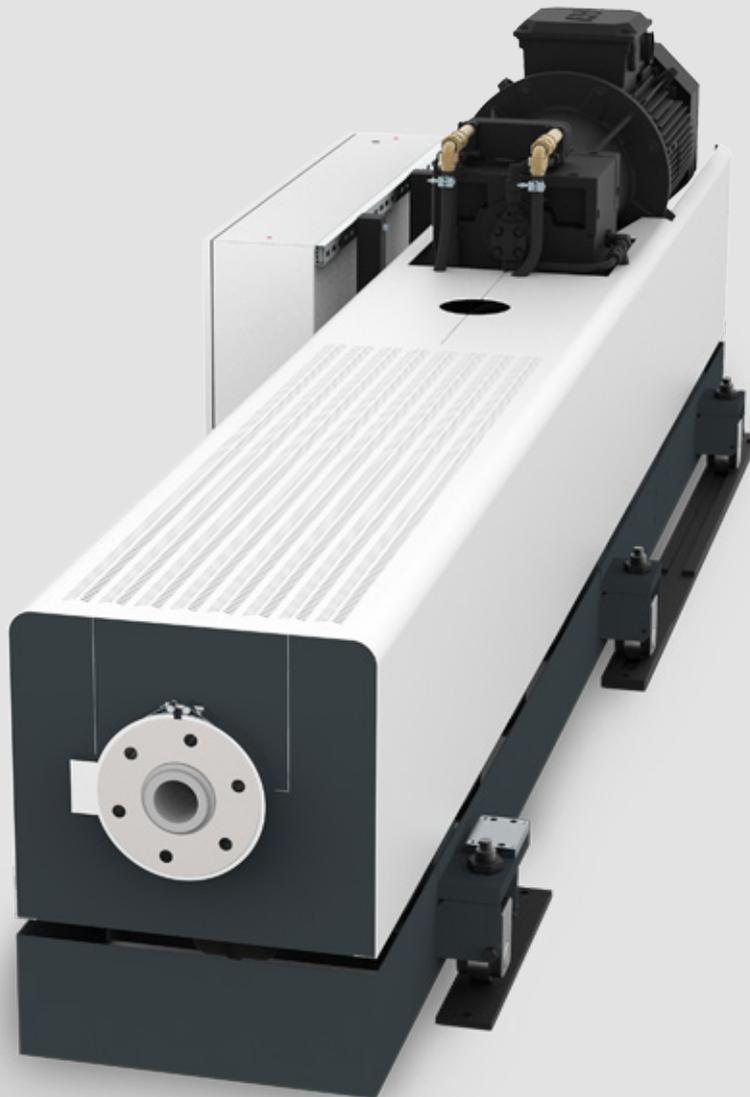




**Reifenhäuser**

EXTRUDERS

The Extrusioners



# Tailored in every detail.

Reliable, efficient and high-performing: Our extruders with proven Reifenhäuser technology increase the profitability of production lines.

# What sets us apart: 70 years of engineering expertise.

Reifenhäuser has been supplying extruders to the plastics industry since 1948. However, we don't rest on our experience alone. We are also committed to research and development for extruder systems. Thanks to our excellent design expertise and proprietary wear resistance technology, we are able to produce high-performance extruders for a wide variety of applications and raw materials.

**When we configure an extruder to your specific needs, you benefit from the guiding principle of the Reifenhäuser Group: 100% commitment to technological expertise in plastics extrusion.**

# Our goal: Tailored, premium-quality extruders.

Optimal performance or cost-effectiveness?  
For us, it's never a question of one or the other.

We will extend the life time of your extruder, increase your productivity and boost the quality of your products thanks to our unique wear resistance technology for screws and

barrels, our high-quality components and the optimal design of all extruder parts for your application.





Reifenhäuser

A blurred industrial setting, likely a factory or workshop. A long, dark metal rod or shaft runs diagonally across the frame from the top left towards the center. In the foreground, there are various pieces of machinery, including what appears to be a large cylindrical component, possibly a barrel or part of an extruder, with several white cables or hoses connected to it. The background is out of focus, showing more industrial equipment and a bright, possibly windowed area.

**“We manufacture the screws and barrels – the heart of the extruder – ourselves. We design all extruder components according to Reifenhäuser standards to ensure maximum machine availability and the best value for money.”**

**Extraordinary variety.**



### **All applications.**

To meet your specific product requirements, we design tailor-made extruders for a wide variety of applications, such as blown film, cast film, thermoforming film, foam film and sheets, plates, monofilaments, strapping tape, nonwovens, blow molding, pipes and pipe coating, cables, profiles and much more.

### **All raw materials.**

We can process virtually all plastics, such as:

- Polyolefin (PE, PP, etc.)
- Polyester (PET, PLA, PBT, etc.)
- Polyamide (PA6, PA6.6)
- Polystyrene (PS)
- Ethylene vinyl alcohol (EVOH)
- Adhesive (Adh)
- Thermoplastic olefin (TPO, TPE)
- Polyvinyl chloride (PVC)
- Thermoplastic terpolymer (ABS)
- Polymethyl methacrylate (PMMA)

## Unique configuration expertise.

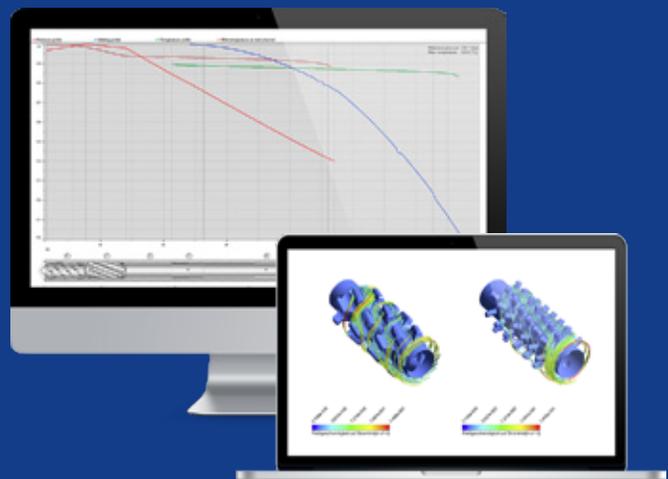
### **Calculation, analysis, configuration.**

Reifenhäuser configuration experts develop customized screws and barrels combinations based on your raw material and application requirements.

To do this, we use our own data-driven calculation tools as well as the latest simulation programs.

The calculation results are then validated based on our many years of experience. If necessary, the configuration can be verified in a practical test at our technology center.

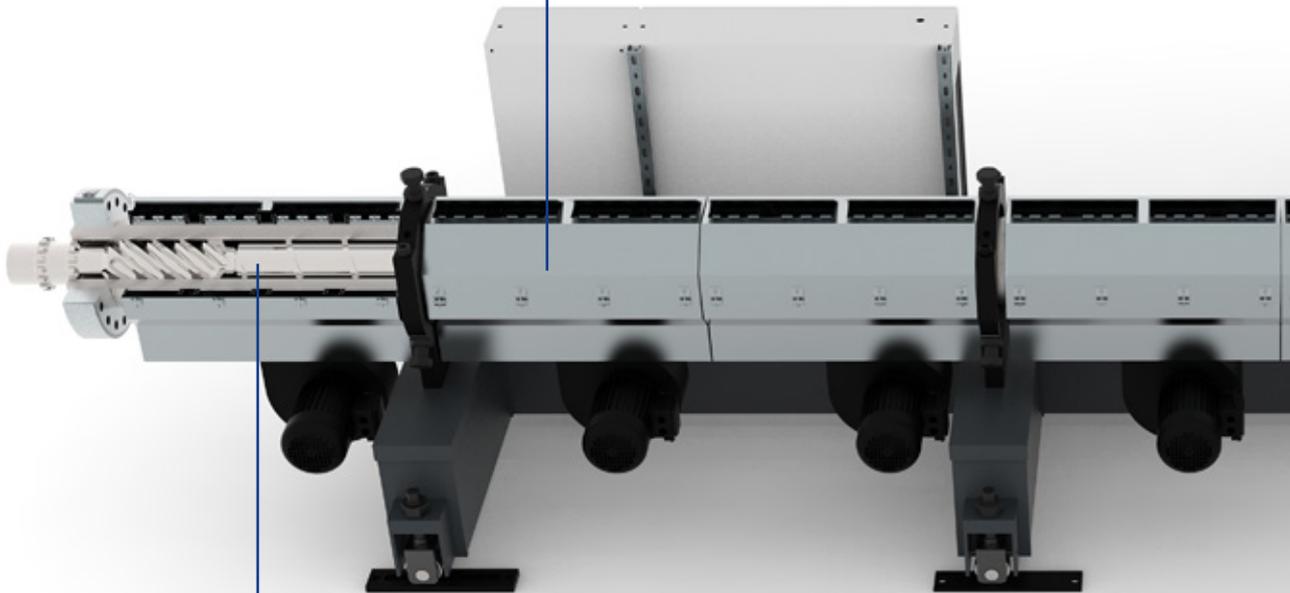
All of our expertise in rheology goes into the geometric design process. You receive a plasticizing unit that is tailored to your requirements.



# Our core expertise: Ensuring the perfect balance between all components.

We achieve optimum process parameters by matching all components of the extruder to each other.

**Efficient:** Heater and air cooling system designed to meet your requirements for maximum energy efficiency.

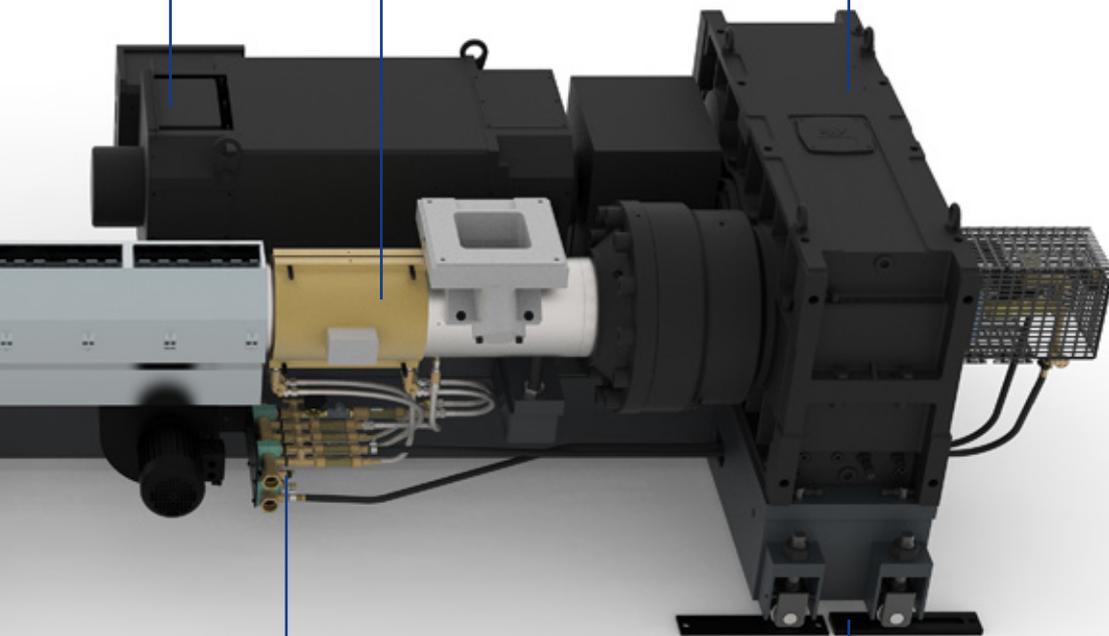


**Functional and durable:**  
The geometry and wear resistance technology of the screws and barrels are tailored to the application.

**Flexible:** Different motor technologies, types and manufacturers available.

**Economical:**  
The heating/cooling shell ensures efficient heating and cooling.

**Low-maintenance and reliable:**  
Maximum availability and durability for all gearboxes.



**User-friendly:**  
Central water distribution

**Variable:** Stationary or moveable base frame, in different extrusion heights or designs.

# **Our guiding principle: Maximum performance through perfect customization.**

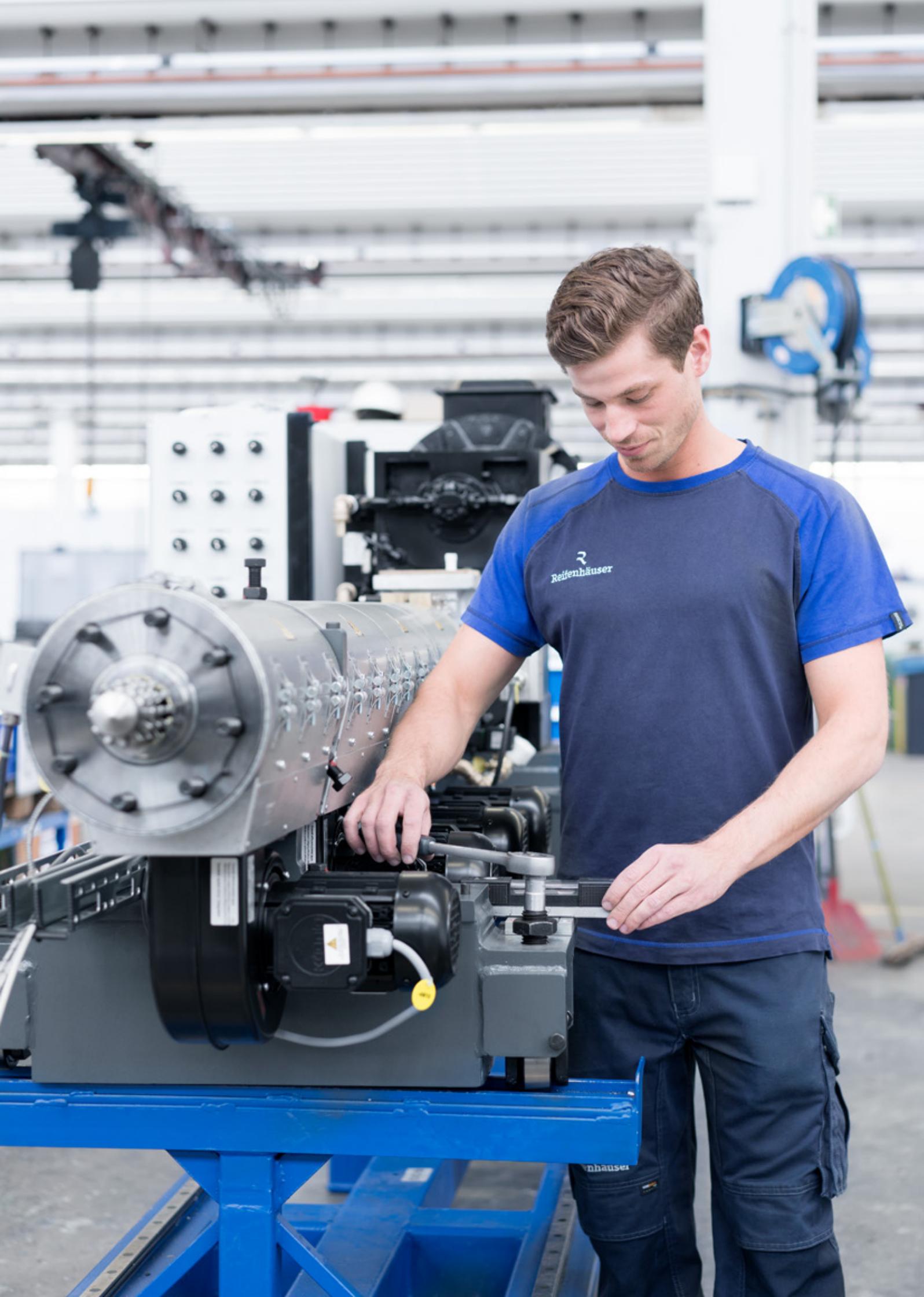
Contact us if you need high-performance extruders.

We will be happy to discuss your preferences and requirements. That's how we create the perfect system for you.

Our experienced and specialized design engineers, plastics engineers, process engineers, software engineers, mechanics and technicians are here to help you reach your goal of maximum precision and productivity. You can expect nothing but state-of-the-art technology, the best quality, outstanding efficiency, fast delivery and global availability.

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