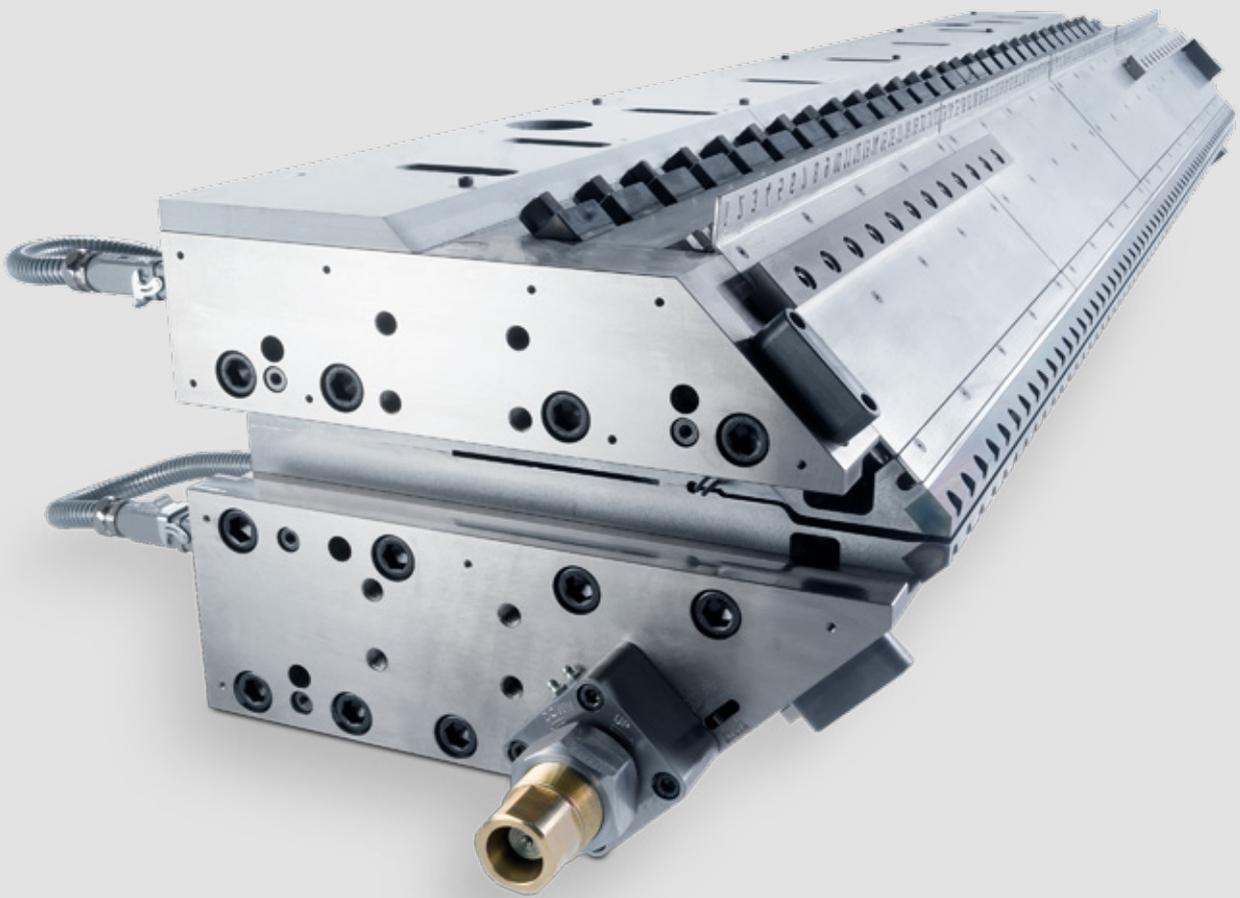




Reifenhäuser

EXTRUSION DIES

The Extrusioners



Perfection in every detail.

Tailored slot die-heads and extrusion tools for extrusion dies.

What drives us: optimal processes.

We are guided by a very simple principle: We want to make the best dies for every application. For 30 years, we have been committed to the goal of continually increasing the productivity and quality of extrusion processes – through cutting-edge technology, craftsmanship, skill and experience.

In our quest to constantly improve our design know-how for dies, we follow the guiding principle of the Reifenhäuser Group: 100 % commitment to technological expertise.

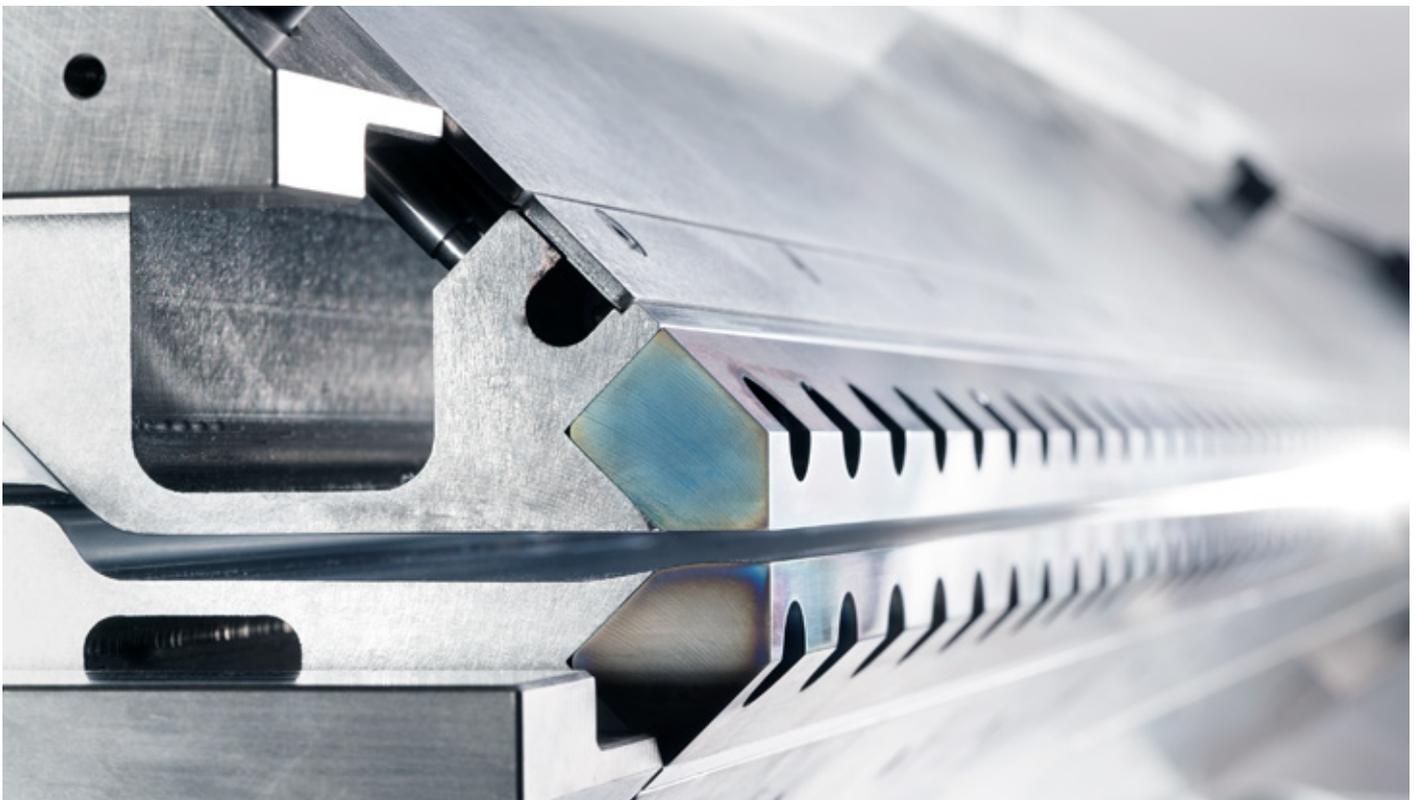
Our passion for challenges is your advantage.

What you can count on: long-lasting quality.

Make the most of our expertise for your requirements.

We deliver slot die-heads for extrusion systems around the world. Each one is based on many years of component expertise, state-of-the-art technology and exacting EDS quality control standards.

Our quality guarantees include high-grade steel, careful craftsmanship by highly trained specialists and a special passion for your needs. Thus your die is a custom-made product that ensures a maximal service life, accurate processes, and high productivity thanks to tailored configurations.





**“When I see an employee
polishing surfaces and
finishing edges by hand,
I know I won't be getting
run-of-the-mill solutions.”**



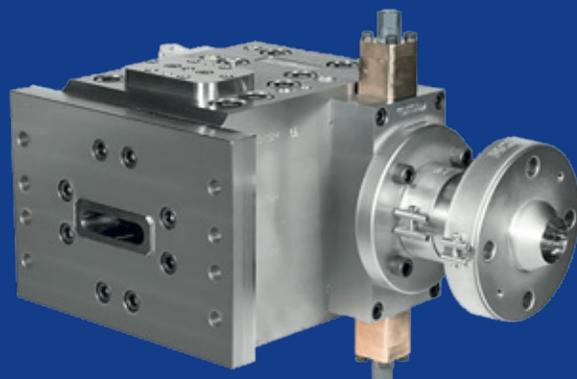
Perfectly tailored: customized not standardized.

As experts in complex production processes, we know that the only perfect solution is a tailored solution. That is why we only deliver custom-made extrusion tools that are precisely tailored to your requirements.

We view every collaboration as a source of inspiration for technological innovations. We gain the user knowledge necessary to configure your dies by developing components together with you and ensuring a close dialog between our engineers and yours.

Efficient systems

We supply coextrusion adapters for the production of multi-layer films or sheets in combination with a slot die-head, with up to 11 layers for different requirements, such as UV-resistance, moisture-resistance, etc.



Hi-tech, hand-crafted design and production.

We use state-of-the-art 3D simulation and design technology as well as software-driven polymer flow calculations to custom-design and calculate our slot die-heads and extrusion tools.

Thanks to special 5-axis machining, we can calculate and produce complex streamlined flow paths in extrusion tools. Direct CAD-CAM integration ensures high-quality design. High-speed milling and careful handwork are the perfect basis for uncompromising attention to detail.

Proprietary rheology software

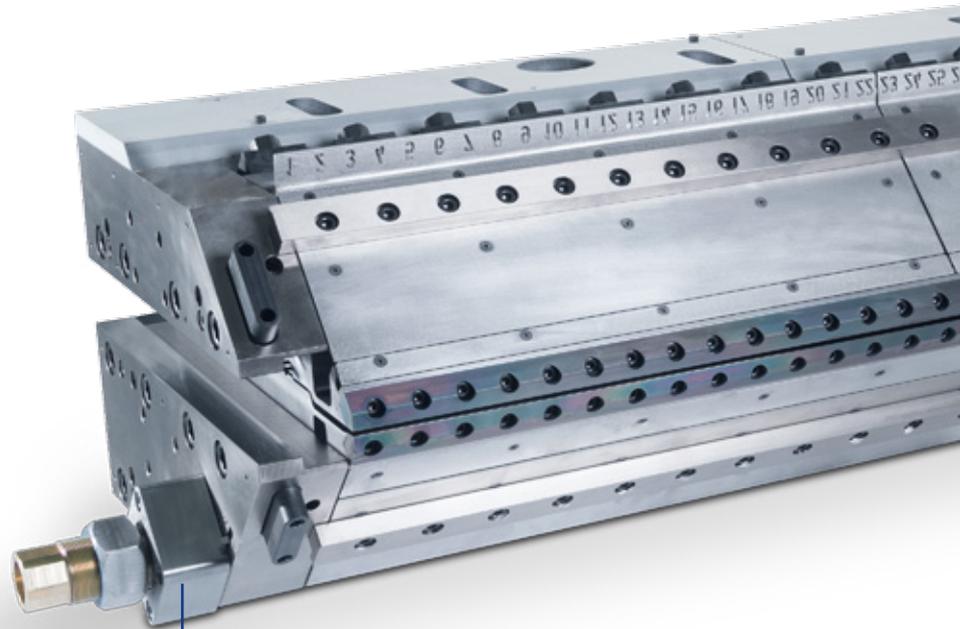
EDS is a pioneer in die design when it comes to optimal melt distribution and end product quality. We can deliver anything that is technologically possible thanks to our unique experience and dedicated software solutions.



Going one step further: flexible adjustments during production.

We strive to continually improve the quality of every single die.

The flexibility of your system is certainly a critical parameter for high performance. For this reason, our components can be adjusted during production. For example, width and thickness can be automatically adjusted for different product groups without shutting down the line. You can continue production at the same speed and avoid downtime.



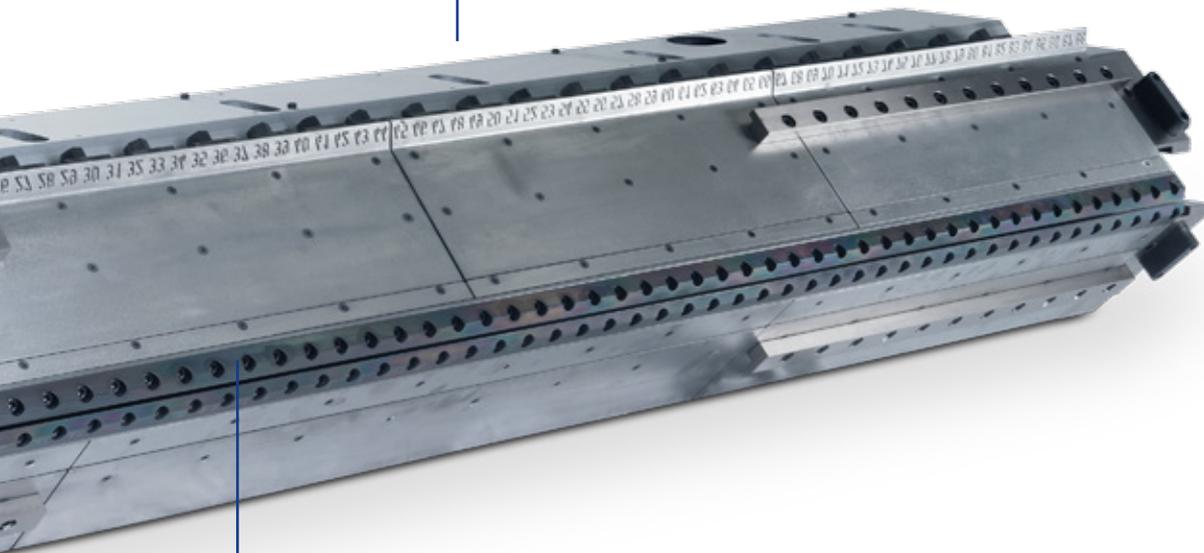
Our products

- **Slot die-heads**
film dies, automatic dies,
baffle dies, plate dies
- **Specialty dies**
coating dies, strand dies,
manifold dies, side-by-side dies
- Coex feedblocks
- Wide variety of configurations:
Coatings, lip adjustment, deckling,
lip heater, lip temperature control

Lip gap quick adjustment

Quick adjustment of the lip gap during live production via a central adjustment unit for optimal adjustment of the production gap.

Extraordinary variety:
Dies with slot widths up to
6 meters.



Exchangeable lip inserts
that can be quickly replaced
with an identical set, lip
inserts made of other
materials, or other coatings,
ensuring streamlined
processes.

Available around the clock.

We are there for you whenever you need a perfectly tailored solution.

Consultation

As part of our long history, we maintain a close dialog with the people who use our components on a daily basis. We advise you, coordinate with you, and help you commission our components.

Service

Our technicians are available around the clock, 365 days a year, ensuring that we can serve you quickly and easily at your site. Our fast response times and high production capacity guarantee maximum productivity for you.

Refurbishing

A complete overhaul is often more cost-effective than replacing a machine. Our technology and service center in Reichshof specializes in overhauling, repairing, renewing, and modifying your extrusion tools.

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