

Leistritz

ROTATION

OUR COMMON MOTION SINCE 1905



ONE COMPANY –

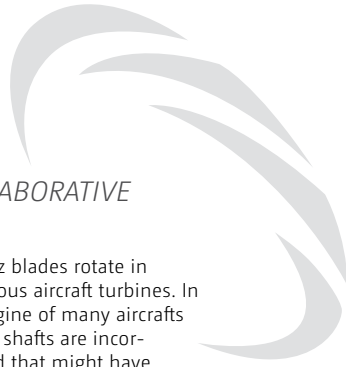
DYNAMIC, INNOVATIVE, RELIABLE, COLLABORATIVE

As a globally operating company with approx. 1,800 employees, Leistritz consists of the parent company Leistritz AG and its business units **Turbine, Pump, Extrusion and Production Technology**. We stand for demanding products and high innovative power. All our products, technologies and processes have one thing in common: **rotation**.

Here are some examples:
The fuel supply in many well-known car models is facilitated by a Leistritz screw pump. Two spindles rotate the pump and transport the fluid to the engine.

» *Most people don't realize it, but in many everyday items there's a whole lot of Leistritz in it.* «

Leistritz blades rotate in numerous aircraft turbines. In the engine of many aircrafts hollow shafts are incorporated that might have been manufactured on Leistritz whirling machines with rotating cutting plates. The plastic material your kids' toys or your garden furniture is made of, is probably processed on a Leistritz twin screw extruder. The main components of this machine are two co-rotating screws.



WE KNOW, WHAT COUNTS!

- » We are an independent, owner-operated company since 1905.
- » Under our roof we unite four business units with one common thing: rotating products and systems!
- » We demonstrate our four company values of dynamics, innovation, reliability and collaboration in our relationships with our customers, partners and colleagues.
- » We are a trustworthy solution finder and optimizer.

MANUFACTURING SPECIALISTS



Turbine Technology is a partner for all renowned OEMs and module suppliers in the aircraft engine and power generation industry. We offer our clients custom-made manufacturing solutions for producing various **components for engines as well as for gas and steam turbines**. It is our claim to develop and manufacture new products which our customers need today and will need tomorrow.

In order to efficiently supply these precision-made and safety-related products, Leistriz offers in-house manufacturing technologies, such as forging, mechanical machining as well as ECM processes (electro-chemical machining).

» *Whether engine or turbine components – we accompany our customers from development stage throughout the entire product lifecycle.* «

BLADES, BLISKS & MUCH MORE

The product range for the aviation segment extends from various engine components to **blades, discs, blisks, housings and structural parts**. In the field of power generation we produce **turbine blades and other components** made of steel and titanium for gas and steam engines.



EXPERIENCE & PASSION

Leistriz is the first choice in the market when it comes to the application of screw pumps. What started out small in 1924 is now a globally active company with more than 300 employees. We offer a **wide product range** in the field of **screw pumps**. Leistriz customers benefit from valuable expertise in various branches and

applications. Our screw pumps reliably transfer and dose low to highly viscous media on ships, oil platforms, in cars and tank storages, power plants, in the chemical industry and many more.



» We not only offer pumps, but above all, we offer a tailor-made solution for our customers' requirements! «

SCREW PUMPS & SYSTEMS

Leistriz screw pumps are multi-spindle, self-priming positive displacement pumps and are the heart of low to high viscous applications. Whether as single pump



or as an entire system, they all serve to transfer **different media with varying lubrication characteristics**. In the field of oil exploration Leistriz provides solutions for transferring oil/gas mixes.



EXPERTS IN MATERIAL PROCESSING



The business unit Extrusion Technology designs, constructs and manufactures **individually laid out co-rotating twin screw extruders as well as turnkey extrusion lines** for the plastics and pharmaceutical industries. Our nearly 200 employees worldwide have extensive machine and process technology know-how - the basis of our high-level extrusion lines.

» *Leistriz extruders are well-established in the plastics and pharmaceutical industry all over the world.* «



The customers benefit from our knowledge in different areas of material processing like masterbatch, compound, direct and lab extrusion as well as in the pharmaceutical area. Our aim is to develop and produce the materials of the future on Leistriz extrusion lines.

EXTRUDERS & EXTRUSION LINES

The Leistriz ZSE MAXX series has the ideal twin screw extruders for plastics processing, because they combine a very high specific torque and a large volume. As a system supplier we plan and build turnkey extrusion lines.

In the last three decades Extrusion Technology established itself in the continuous processing of pharmaceutical masses (pellets, tablets, transdermal systems). With its extrusion lines in GMP design Leistriz is the market leader (Good Manufacturing Practice: quality guidelines in the production of pharmaceuticals).



SPECIALISTS FOR COMPLEX MANUFACTURING TASKS

The business unit Production Technology provides solutions for complex manufacturing tasks. Our product program is divided into three areas: **machine tools, carbide tools and tube technology**. We are the supplier for various branches, especially for the automotive, oil and gas

industry as well as aviation and general machinery sector.

We develop and manufacture our machine tools and tools in-house. This gives us the flexibility to respond to customers' requirements in a timely manner and allows us to manufacture products which meet the customers' specifications. We not only have a standard range of products, but also provide special purpose solutions and services that offer our customers greater efficiency and quality.

»» *The flexibility of our tooling machines and tools allows us to respond to very special customer wishes.* ««



MACHINE TOOLS, TOOLS & TUBES

Leitritz produces technically advanced CNC whirling and keyseating machines that provide **solutions to all challenging manufacturing tasks** worldwide. On these machines, e.g., pump spindles and rotors, steering worms, feather keys or involute profiles are manufactured.

Our carbide metal tools such as drills, supporting bars, or flat form tools are, on the one hand, designed for **metal working with turning workpieces** and, on the other hand, for the **further processing of lathe parts**.



The sector tube technology manufactures **tailor-made tube components**, e.g. filler pipes for vehicle tanks or exhaust pipes for premium cars.



OUR LOCATIONS

