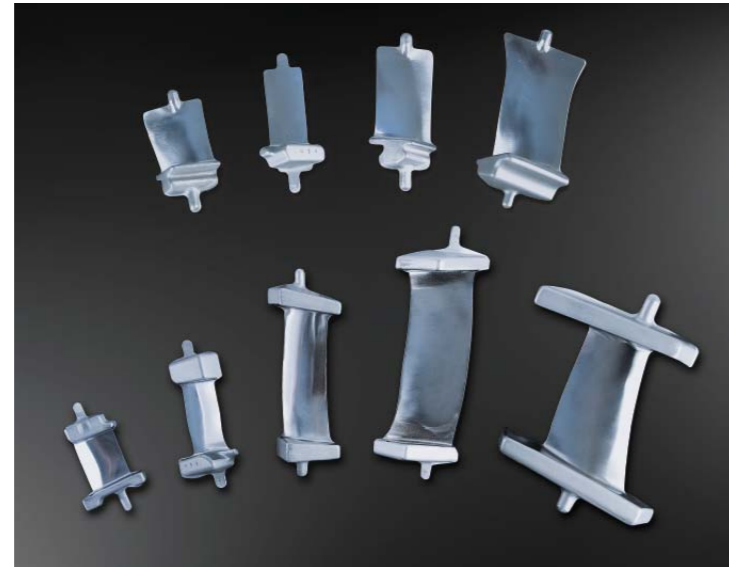


As Europe's largest supplier of airfoils for aero engines, Leistritz Turbinenkomponenten Remscheid is continuously improving the technological competence and process efficiency. State of the art processes yield a finished gas path with ongoing efforts to keep the subsequent machining operation to the economical minimum.



Geometry

Sophisticated geometries are accepted as a challenge:

- severe twists
- extreme three dimensional shapes
- stringent tolerances

Flexibility

Flexibility is a factor of increasing importance. Product modifications are implemented quickly for new part development and existing component re-design while ensuring high quality standards and short delivery times.

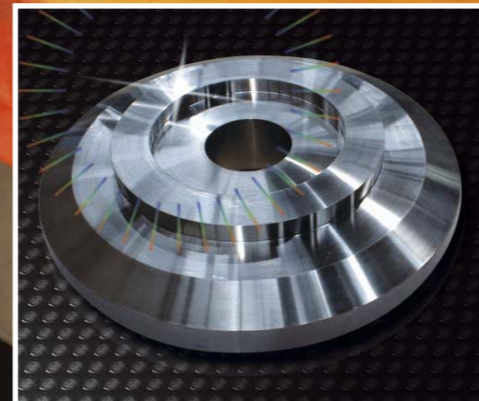


As a qualified and technologically advanced supplier for engine discs to the aerospace industry, our product range comprises a wide range of discs from the cool front to the hot end of an engine. Nickelbase- and titanium alloys including the most advanced and challenging materials form part of our daily work. A state of the art disc manufacturing line, advanced machining capabilities and Europe's largest isothermal press are assets for the markets of today and tomorrow.

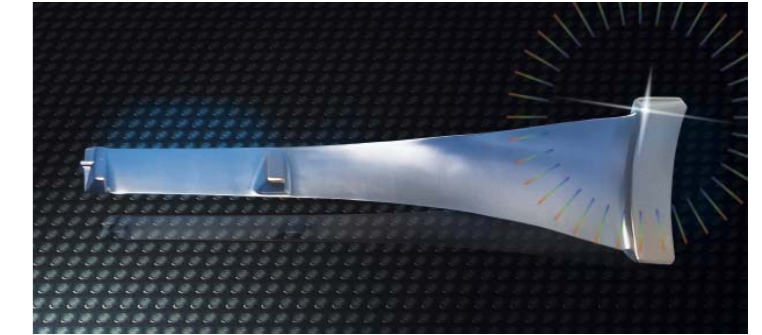


Isothermal Forging

During the isothermal process both the die and the forging are heated to forming temperature. Even materials that can no longer be formed conventionally are successfully forged.



For many years Leistritz Turbinenkomponenten Remscheid GmbH has been a core supplier to the Power Generation Industry in Europe, USA and Asia providing precision forging technology on a total cost competitive basis. Our portfolio today comprises precision forged, finish machined and envelope forged compressor and turbine airfoils for an extended range of gas and steam turbines.



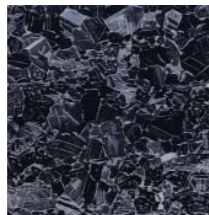
Titanium Blades

Since 1988 we have successfully developed into the leading manufacturer of envelope and precision forged titanium LP steam turbine airfoils. A convincing example of know-how transfer from the aero engine sector into power generation.

Europe's largest Isothermal Press located at Leistritz Turbinenkomponenten Remscheid enables us to supply the parts virtually stress free for any subsequent machining operation.



Product excellence, innovative engineering solutions and customer service **are KEY** for the success of our clients and partners.



Material

We can rely on our vast experience using high temperature alloys. We employ all of the advanced materials, such as chromium steels, ferro-nickel-alloys, high-quality nickel-based alloys, titanium alloys, titanium aluminide and ALMMC.



Quality

Prime reliable parts require an extreme high level of quality in the whole company. Therefore we get regularly approved to Standard EN 9100. We are approved to NADCAP. The material Laboratory is accredited. Moreover we have a continuous improvement program in place, to maintain our high quality level.



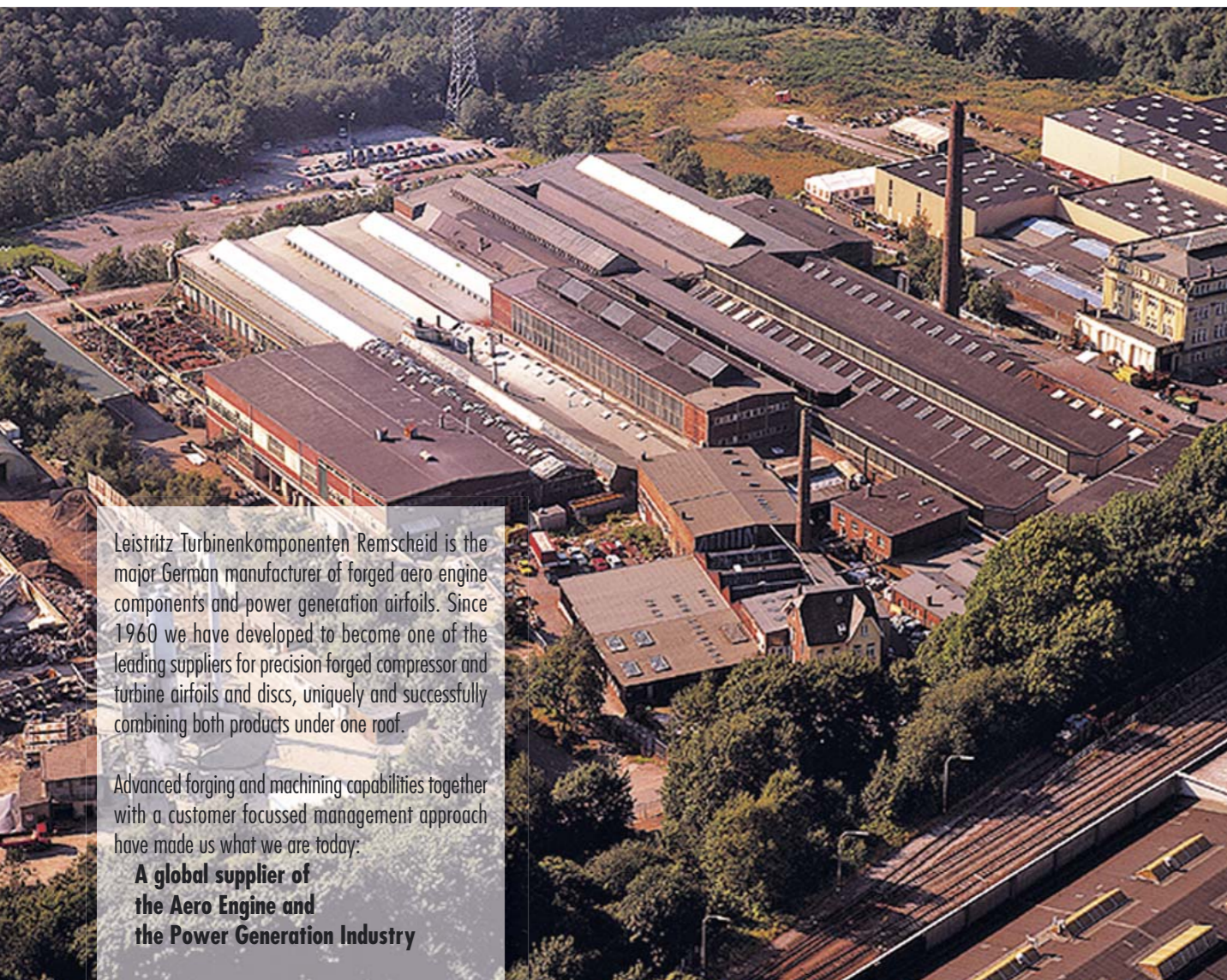
Registriernummer 3716.00



Manufacturing Testing
Chemical Processing
Heat Treating



certified to
EN 9100
EN ISO 9001:2000



Leistritz Turbinenkomponenten Remscheid is the major German manufacturer of forged aero engine components and power generation airfoils. Since 1960 we have developed to become one of the leading suppliers for precision forged compressor and turbine airfoils and discs, uniquely and successfully combining both products under one roof.

Advanced forging and machining capabilities together with a customer focussed management approach have made us what we are today.

**A global supplier of
the Aero Engine and
the Power Generation Industry**

Leistritz



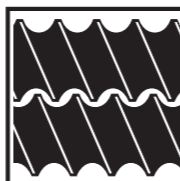
**LEISTRITZ TURBOMASCHINEN TECHNIK GMBH
LEISTRITZ TURBINENKOMPONENTEN REMSCHEID GMBH
ADVANCED TURBINE COMPONENTS, INC.**

Blades, Discs and Components for Compressors and Turbines



LEISTRITZ PUMPEN GMBH

Screw Pumps and Systems



LEISTRITZ EXTRUSIONSTECHNIK GMBH

Extruders



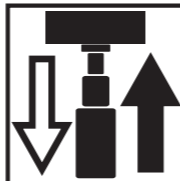
LEISTRITZ PRODUKTIONSTECHNIK GMBH

Tubing Technology / Metal Stamping,
Machine Tools, Tools



LEISTRITZ THOMMEN GMBH

Profile Rolling Machines and Rolling Tools



LEISTRITZ HYDRAULIK GMBH

Lift Systems

Division Remscheid:

Leistritz Turbinenkomponenten Remscheid GmbH
Lempstrasse 24
D-42857 Remscheid
Germany

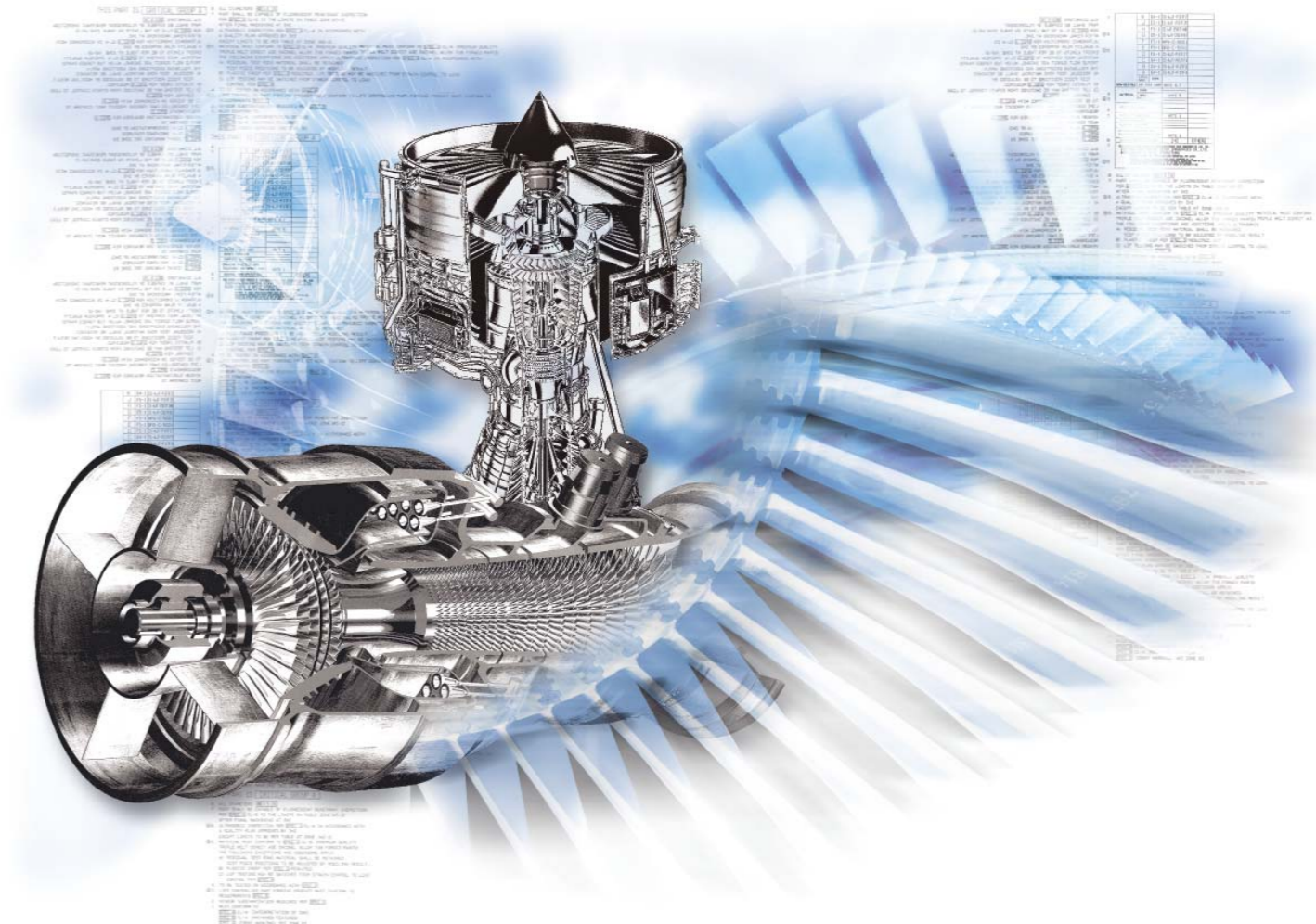
Phone: +49-2191-6940-226
Fax +49-2191-6940-236

E-Mail: turbinenkomponenten@leistritz.com
Internet: www.leistritz.com

Headquarter Nuremberg:

Leistritz AG
P.O. Box 30 41
D-90014 Nuremberg
Germany

Phone: +49-911-4306-0
Fax +49-911-4306-420



**Components for the Aero Engine
and Power Generation Industry**