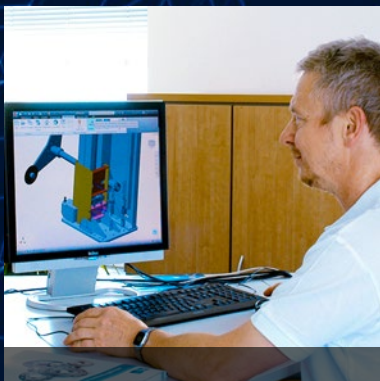


Leiritz

Maschinenbau

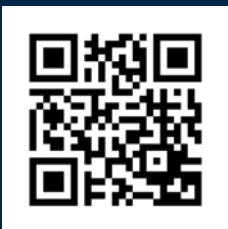
PERFORMANCE PROFILE



Mechanical Engineering Solutions and Contract Manufacturing

Table of Contents

Page 4	■	Design / Engineering / Project planning
Page 6	■	Certified welding specialist company
Page 8	■	CNC large parts machining
Page 10	■	CNC turning and milling capabilities
Page 12	■	Sheet metal processing for welded assemblies
Page 13	■	Surface finishing
Page 14	■	Leiritz Quality Management
Page 15	■	Leiritz products in use all over the world
Page 16	■	Contact and product enquiry



www.leiritz-maschinenbau.de

Leiritz Maschinenbau GmbH is your high-performance partner

Innovation and Quality made in Germany.



Mechanical Engineering Solutions and Contract Manufacturing.

Leiritz Maschinenbau GmbH is a medium-sized company based in Pappenheim (Bavaria), right between the major industrial locations of Nuremberg, Augsburg, Ingolstadt and Stuttgart.

Leiritz specializes in the turn-key production of innovative equipment, plant and special machinery solutions. The range of performances extends from development, project planning and design, through manufacturing and assembly, to commissioning.

Moreover, Leiritz offers contract manufacturing with technical clarification, material procurement, welded assemblies, machining of large parts, surface treatment and repair included.

Leiritz is big enough to design and manufacture complex assemblies. Yet at the same time, Leiritz is flexible enough to assure product innovation, quality and on-time delivery.

Design / Engineering / Project planning

Precise engineering for high-performance solutions.

Leiritz, in close cooperation with its clients, always develops optimal solutions – from the initial idea to the final design. And right from the start, customers are closely involved in each project phase. Throughout the entire project period, customers benefit from permanently assigned contact persons at their side.

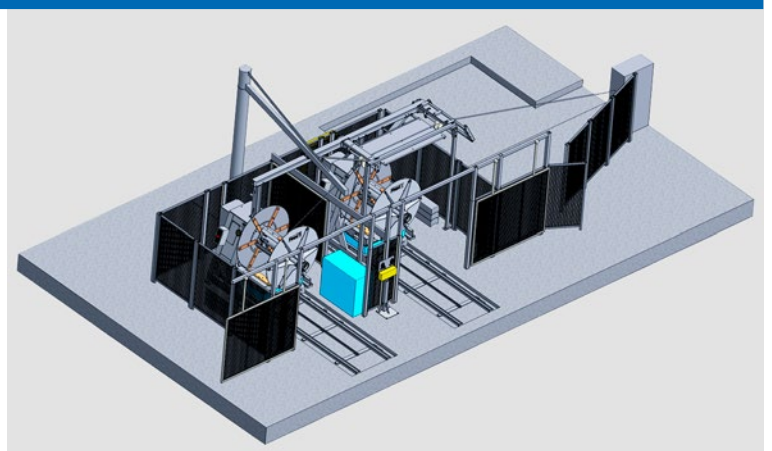
Irrespective of single components or complete machine and plant construction.

As part of the project planning, Leiritz compiles material flow solutions, technical documentation, risk assessments in accordance with the German Ordinance on Industrial Safety and Health as well as the declarations of conformity in accordance with the applicable EC Machinery Directives.

We would also be more than pleased to present you with relevant case studies from our projects portfolio.



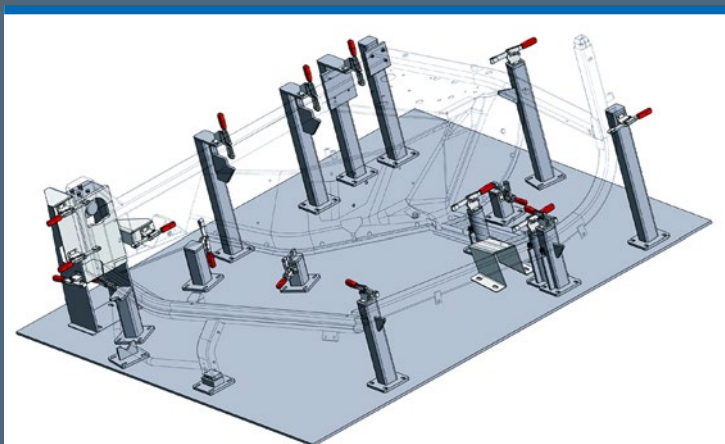
Here you can find a selection of our project examples.





AUTODESK INVENTOR MECHANICAL 3D SOFTWARE

For the implementation of project-specific requirements, Leiritz designers work with 8 different CAD workstations with state-of-the-art AutoDesk Inventor 3D software.



Certified welding specialist company

Accurate welding assembly manufacturing.

Leiritz is a modern, highly qualified and certified welding specialist company. It is regularly audited by the accredited laboratories TÜV Süd, TÜV Rheinland and LGA Nuremberg.

The highly trained welders (according to ISO 9606-1/-2, EN 1418, ISO 25239-3), welding engineers, welding technicians and welding supervisors are subject to continuous monitoring and thus guarantee optimum quality.

Leiritz processes structural steels, fine-grained structural steels, CrNi steels and aluminium materials to a high standard using various welding technologies, such as MIG, MAG, E-hand and drawn arc stud welding.



Here you will find our welding certificates.





MANUFACTURER CERTIFICATIONS

- Factory Production Control according to EN 1090-2 EXC4.
- Welding specialist company according to ISO 3834-2.
- Welding certificate for rail vehicles according to EN 15085-2 certification level CL1.
- Specialised company according to §62 Water Resources Act (WRA).
- Manufacturer qualification for military products according to DIN 2303 Q2 BK 1.

CNC large parts machining

Leiritz also offers contract manufacturing.



2 CNC TRAVELLING COLUMN MILLING MACHINES

In the field of machining, Leiritz is equipped with the latest CNC milling technologies, which are also suitable for machining large parts. Individual components, assemblies and welded structures can be precisely manufactured for a broad range of applications in mechanical engineering, fixture construction and plant engineering.

Leiritz also offers CNC large part machining as a full contract manufacturing service.

From technical clarification, material procurement, welded assembly production, machining, surface treatment, to finished assembly, all operations are carried out in-house at Leiritz.



CNC machining of welded constructions.

We will be very pleased to present you various project examples on request.

Please contact us.

Two CNC travelling column milling centres and their key features:

- X-8500 mm / Z-3500 mm / Y-17500 mm / Angle head 1° pitch / Rotary table / 7 controlled axes.
- X-6000 mm / Z-1500 mm / Y-1250 mm / Angle head stepless / 5 controlled axes.



CNC turning and milling capabilities

Highest precision for demanding geometries.

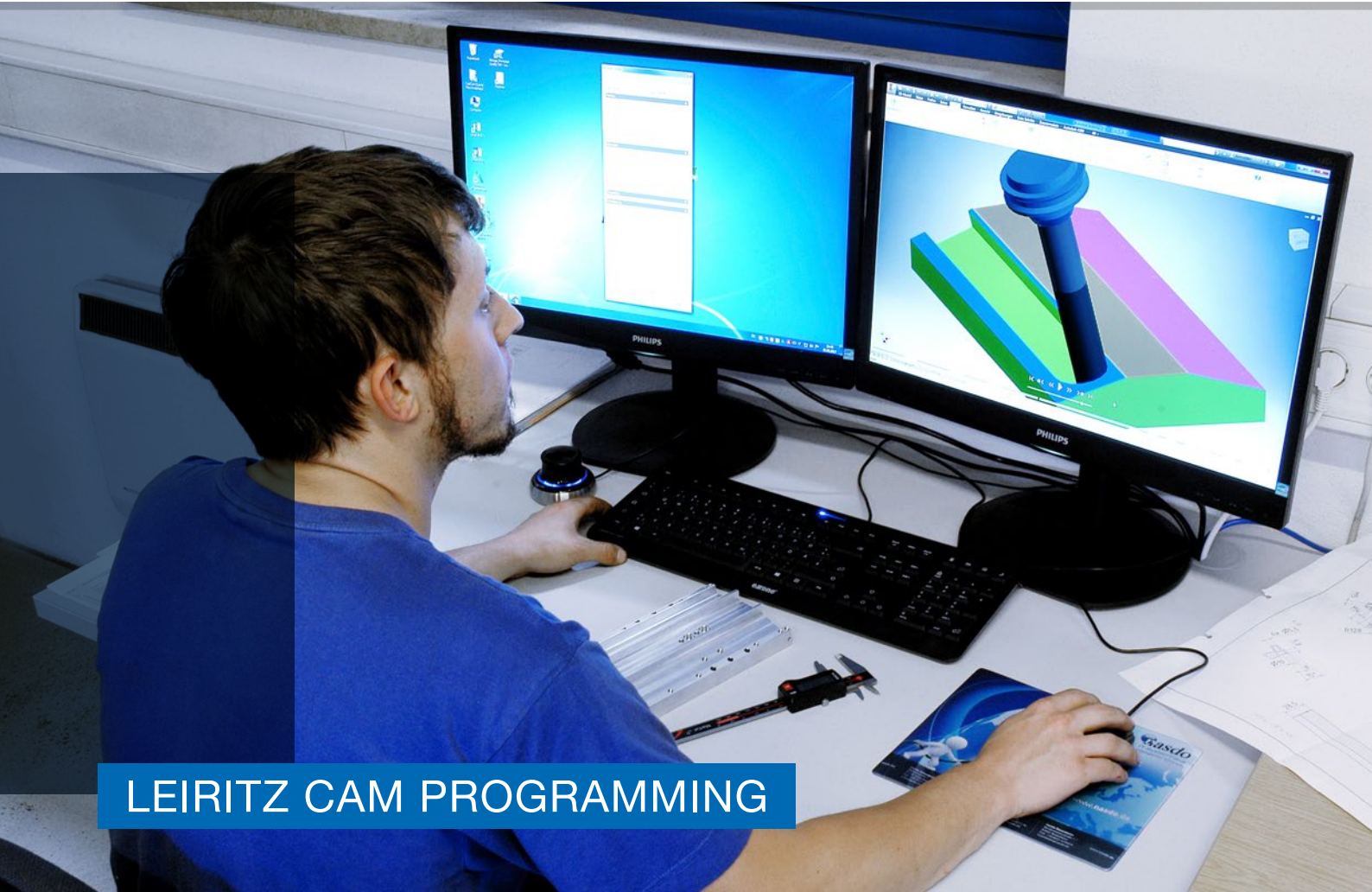
Many different sectors of various industries require the highest precision in the production of mechanical parts, for example plant engineering, fixture construction and mechanical engineering.

CNC milling, CNC turning and conventional boring mill machining are of course also part of Leiritz Maschinenbau's range of services.

The part programming for the CNC machining centres is prepared at a separate CAM workstation. Machining cycles can be accurately simulated there in advance. This ensures high effectiveness and a maximum quality.

Please contact us. We would be very pleased to present our machinery to you on request.





Sheet metal processing

Bending for sheet metal construction series.



175 TONS BENDING PRESS

In the field of sheet metal forming, Leiritz uses the 175-ton bending press to perform precise series bending sheet metal processing and to further process it into various sheet metal welded constructions.

Protective enclosures with CE marking, machine coverings, drip pans according to WRA, special constructions combined with piping and assemblies for conveyor technology are among Leiritz's product portfolio.

Further sheet metal processing with external partners:

- Gas, plasma, waterjet and laser cutting.
- Various sheet metal forming works.

Surface finishing

Pre-treatments – Paintwork – Blasting.



AIRLESS SYSTEM WITH 2K MIXING UNIT

In the company's own painting hall (13.5 x 4 x 3.5 metres), all common painting systems and special paints are processed using the latest painting technology with airless system incl. E-static and 2K mixing unit. Thus, the mechanical engineering parts and plants are coated cost-effectively and, above all, in an environmentally friendly manner.

In addition, all surface pre-treatments specified by the customer can be made. In Leiritz's newly commissioned blasting hall (6 x 3 x 3 metres), various blasting operations are reliably carried out with the help of two different units (for steel, for aluminium and for stainless steel).



Leiritz Quality Management

Modern standards for the highest quality level.

Our experienced team of specialists guarantees quality assurance and adherence to time schedules. Our mechanical engineering company with all its employees always acts in a responsible, highly motivated and qualified manner. This is how we achieve the level of quality expected by our customers.

Leiritz Maschinenbau is a customer-oriented company. We have therefore made it our policy to fulfil the future requirements, expectations and wishes of our customers with the best possible quality within the framework of our physical, human and financial resources through ongoing, continuous improvement of our QM system. We always understand ourselves as partners of our customers and are interested in their business success.

The aim of our quality policy is to achieve total customer satisfaction through:

- Compliance with the agreed delivery times and high delivery reliability.
- Product quality that fully complies with agreements.
- Continuous improvement of our QM system.





Leiritz's mechanical engineering solutions in use all over the world

High precision and quality made in Germany.

In the production halls of Leiritz, parts, machines and plants are safely packed and transported to the desired locations worldwide. There, directly at the customer's site, the final assembly and commissioning is then carried out by Leiritz personnel.

Leiritz's own "After Sales Service" can subsequently carry out conversions, repairs and retrofits on existing parts, plants and machines without any problem.



Please contact us. We will be happy to advise you.

You have any questions regarding the Leiritz performance profile? Our team will be happy to answer them all.

Various project and product examples can be found on the Leiritz homepage.



Leiritz ■ ■
Maschinenbau

Leiritz Maschinenbau GmbH
Langenaltheimer Straße 2-4
91788 Pappenheim / Bavaria
Germany
Telefon +49 (0) 9143 / 83789 - 0
Telefax +49 (0) 9143 / 83789 - 19
info@leiritz.de
www.leiritz-maschinenbau.de