



MEDICAL TECHNOLOGY

Formed parts, assemblies and components made of metal and plastic

TECHNOLOGIES

INDUSTRIAL METAL PROCESSING
SURFACE FINISHING
SYNTHETICS INJECTION MOULDING & HYBRID
COMPLEX ASSEMBLIES & COMPONENTS

COMPETENCIES

FULL-SERVICE-SUPPLIER
INTEGRATED QUALITY MANAGEMENT
4 PRODUCTION SITES
49.000m² PRODUCTION AREA

OUR CLAIM

INNOVATION
THROUGH SYSTEMS

GRONBACH

TECHNOLOGIES

Quality and precision for more than 50 years

GRONBACH is a specialist in the metal processing of stainless steel and aluminium, plastics technology and in the development and production of OEM devices.

As a system supplier, we offer you innovative solutions for the manufacture of precision parts of complex geometries, gap-free back-moulding with plastics and sophisticated components (device housings, medical cabinets, drawers, doors, fronts, etc.) - from development and toolmaking to serial production.

Our possibilities are as diverse as the medical industry itself.



Complex geometries

INDUSTRIAL METAL PROCESSING

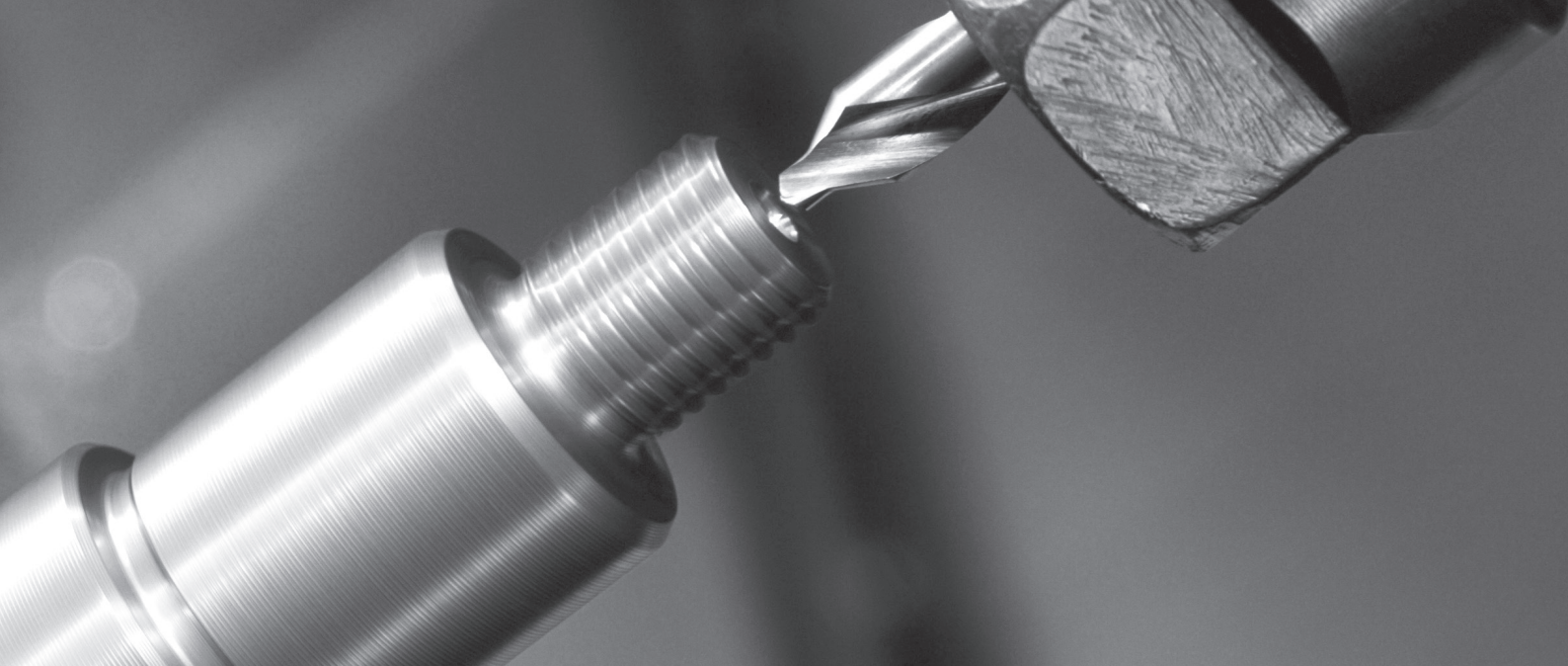
Our state-of-the-art machinery is at your disposal even for complex geometries and 3D designs made of stainless steel and aluminium. Thus we realize demanding customer-specific components and moulded parts made to measure.

An excerpt of our manufacturing expertise:

- Sheet metal processing with CNC (cutting, forming, punching, nibbling, lasering)
- Bending (press brakes, bending robots and fully automatic bending cells) and deep drawing
- Turning, milling and sawing (automatic saws, CNC lathes, 5-axis milling machines)
- Presses from 50-500t (eccentric, servo, hydraulic)
- Robot grinding and polishing systems

SURFACE FINISHING

- Mechanical treatment, anodising and powder coating, laser marking, 3D printing



SYNTHETIC INJECTION MOULDING & HYBRID

Since the 1970s we have mastered the injection moulding of plastic and the bonding of various materials. Our back injection technology enables us to produce hygienic connections between stainless steel, aluminium and plastic or even glass without gaps (as a real innovation).

In medicine, that means:

**Gap-free connections
= high hygiene factor**



Gap-free composites metal - plastic - glass

In the field of ventilation technology, GRONBACH also develops and produces specific fan impellers with hubs, fan systems and turbines without imbalance, proven millions of times, e.g. for medical machines and computer systems, cooling or heating units and ventilation systems.



Fan wheels



COMPLEX ASSEMBLIES & COMPONENTS

In addition to individual components for metal production and plastics technology, we are also your contact for the development, design and delivery of complex components, e.g. doors for medical (built-in) devices, heating drawers, cabinets, frame constructions, front panels, handles, hinges, fitness and wellness accessories, OEM devices and much more. GRONBACH is involved in the series production of medical assemblies according to customer specifications.



Doors for medical devices

Hinges and kinematic components



Heating devices
(example)

SERVICES

Laboratories, analysis systems and certifications

The GRONBACH group is company with five locations in Germany, Austria, Italy, USA and Slovakia with a total of more than 1.000 employees.

Due to the high degree of specialization of our plants, we cover the complete value chain from individual parts to complete developments.

- Representation of the complete value chain (R&D, series production, spare parts supply)
- Cross-location quality management system: DIN EN ISO 9001:2015, ISO 50001, SA 8000
- Cross-functional integration of project and quality management tools
- Various testing and measuring laboratories (e.g. 3D scans, corrosion tests, mold flow analyses)
- Endurance tests, material proofs, validations and initial sample tests
- Flexible sample and prototype construction
- Electronics development and electrical testing
- Supply chain management

INSPIRING CUSTOMERS IS OUR GOAL.

We convince with short ways, fast reaction times and uniform quality standards.
You too can benefit from the experience of more than 50 years of company history.

Talk to us about your project!

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Cross-functional company

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