GRONBACH

DIVERSE FUNCTIONAL COMPONENTS COMPLEX ASSEMBLIES HIGH-QUALITY OEM APPLIANCES

)VATIOOUGH 2SYSTEM



OUR EXPERTISE

DR. LINA GEBHARDT-GRONBACH "GRONBACH's economic engine is our technological lead, which can be experienced daily in the research and development work at each of our sites. As a family business, honesty and respect for our employees is very important to us."

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WELCOME TO GRONBACH

For more than 50 years, our 1.000 employees have been developing and manufacturing design-oriented products, mechanical and kinematic individual components, complex assemblies and OEM devices.

For decades we have been one of the most advanced metal processing companies and are a leader in the refinement of metal surfaces. Our wide range of technologies offers our customers all conceivable solutions for their product requirements. As a system supplier, we supply world market leaders in the household appliance, kitchen and furniture industries, and the commercial kitchens and automotive sectors. Thanks to our different competencies, we cover the **entire value chain** from the development and production of individual components to complete devices – all under one roof.

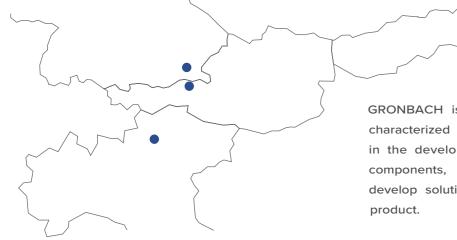
The diversity of our technology allows us to create innovations with system.

EXCERPT OF OUR REFERENCES:

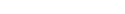














Cay Nasner, Managing Director

GRONBACH is a company group with 5 sites, each characterized by different strengths and competencies in the development, assembly and manu-facturing of components, complex assemblies and devices. We develop solutions from the first vision to the finished

Our division ventilation and surfaces has been developing and manufacturing components and complex assemblies since 1964. It has a 20,000m² production area and 300 staff, and has specialised in the processing of stainless steel and aluminium, surface finishing, synthetics injection moulding and development/optimization of blower systems.

Specialised in surface processing and finishing, synthetics technologies and blower systems.

Our site in Laag / South Tyrol specialises in kinematics, e.g. hinges and telescopic kinematics as well as in the automation of production lines. In a production area of 12,000m², the 150 strong workforce manufactures specific products and develops user-friendly solutions mainly for the domestic appliance industry.

Specialised in hinges and telescopic kinematics, stainless steel processing and automation.

With a workforce of 200 and a 5,000m² production area, the main focus of the Niederndorf site, near Kufstein in Tyrol, is on appliance development and applications engineering. A versatile and innovative team develops its own ideas for appliances or designs products according to customer specifications. Since 2000, we have been manufacturing OEM appliances and mechatronic system assemblies such as doors for professional steam ovens and innovative hob extraction systems.

Specialised in appliance development, series production and bonding technologies.

Our company in Slovakia in Michalovce was founded in 2005 and has a workforce of 300 and a 12,000m² production area. The site specialises in the flexible production of system assemblies and complex equipment as well as CNC sheet metal processing and development of devices. The factory has its own testing laboratory and has long-standing experience in product development and tool-making.

Specialised in CNC sheet metal processing, manufacturing of components & appliances, flexible assembly lines.

Our fifth location in the USA supports our locations and and divisions in international sales as an independent sales office.



Alexander Weweck, Managing Directo



Alexander Weweck, Managing Directo

MANUFACTURING TECHNOLOGIES & PROCESSES

In the field of manufacturing technology, we have specialised above all on the surface finishing of stainless steel and aluminium; on the production of functional and visible components; and on synthetics moulding and adhesive technologies. These form the basis of our own equipment technology but we also offer them as one of our services.

INDUSTRIAL ALUMINIUM AND METAL PROCESSING

Here our options are almost endless – from laser and CNC sheet metal processing, through forming through punching, bending and deep-drawing, and to machining, we have a wide range of machines for all conceivable requirements and geometries.

SURFACE FINISHING

We refine your surface by grinding, polishing, brushing or blasting. We use anodising baths or powder coating to create a wide range of colours.

CUSTOMISATION

We apply logos using screen and pad printing, but also with state-of-the-art laser technologies and etching techniques.

SYNTHETICS INJECTION MOULDING TECHNOLOGY

We inject functional and visible components, but our special expertise lies in the development, design and production of fan wheels and turbines, manufactured with such precision that a final rebalancing is no longer required.

ADHESIVE TECHNOLOGY

We use a variety of bonding techniques: liquid adhesives, adhesive tapes or stamped adhesive parts – applied manually or with the help of robots – all kinds of pretreatments (plasma, primer etc.), and also different rapid curing.

HYBRID TECHNOLOGY

The back-injection moulding of metals or metal foils enables adhesive connections with a high degree of design freedom.

ASSEMBLY & AUTOMATION

Our assembly and production lines are as individual as our customers. We produce products with perfect dimensions on customised equipment.





COMPONENTS & COMPLEX ASSEMBLIES

GRONBACH produces a variety of mechanical components which are distinguished by their perfect dimensions and durability, as well as their high levels of user-friendliness. Our products can be used where they can be seen and also as ready-to-install functional components. We develop and manufacture using customised materials and production methods, according to your specific requirements.



AUTOMOTIVE Sill trims, door handles, visible interior and exterior parts

SANITARY Storage, mountings, pull-outs

DOMESTIC APPLIANCES Hinges, pull-outs, covers, handles, rail systems, frames, functional and design elements

FURNITURE Frames, hinges, pull-outs, handles

LIGHTING Design features, lighting with functional checks GRONBACH develops and manufactures optimised products from assemblies, according to our customers' specifications, and prepares them for installation. We undertake short runs of specific products with the same care as with serial production.

INDUSTRIAL KITCHENS Doors for commercial steamers

HOUSEHOLD APPLIANCES Hinges, extendable rails, doors for microwaves and commercial steamers

FURNITURE SYSTEMS Drawers, shelf systems

COFFEE MACHINES Coffee machine housings and fronts











OEM APPLIANCES

As an OEM appliance manufacturer, we develop and manufacture so-called white goods for numerous well-known companies. GRONBACH can call upon the highest levels of expertise in the field of appliance development or conception. As a systems supplier, we take on the entire development, production and logistics processes for our customers, also including spare parts and the supply chain for potential parts suppliers.

VACUUM DRAWERS

In Slovakia we produce vacuum drawers that enables food to be carefully prepared and naturally conserved. The main advantage of the drawer over other vacuum appliances lies in its compact design and in its pressure control. Food with a high liquid content and even whole liquids (soups, sauces, etc.) can be processed in this way.

WARMING DRAWERS

The warming drawers are serial-produced and are continually being further developed in Slovakia. They are ideal for warming crockery or for keeping food warm. Due to their customised construction and elegant finishing, the warming drawers are visually perfectly combined with other domestic appliances. The front can be customised according to the design wishes of our OEM customers.

- 3 different models (basic, comfort, ELA)
- 3-step, digital temperature and time settings
- up to 6 pre-installed programmes for all application ranges
- programmable temperature sequence
- indirect LED lighting covering the whole interior area
- intelligent connection to a Smart Home System (i.p.)





COOKING HOBS AND DOWNDRAFT EXTRACTION SYSTEMS

Our site in Austria develops cooking hobs for all types of cooking styles as requested by customers and on our own initiative and also customized downdraft extraction systems. Based on our network of ceramics and electronics suppliers, and with a modern production line with a high degree of automation, our site in Niederndorf produces cost-efficient, large-scale production models as well as exclusive models with sophisticated original materials.

FULLY-AUTOMATIC COFFEE MACHINES

We have accumulated substantial knowledge and expertise in the development and manufacture of fullyautomatic coffee machines. We supply a broad range of design-orientated, functional components and assemblies as well as complete built-in high-end fully-automatic coffee machines and espresso machines for the gastronomy sector and commercial offices. The design and the control module are customised according to our customers' specifications.

VACUUM CLEANER

A unique compact vacuum cleaner that can be integrated into the existing plinths of any modern kitchen.



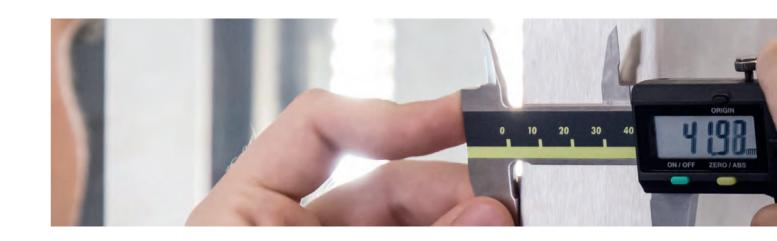


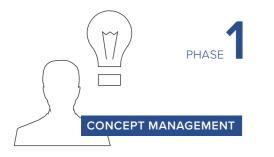




RESEARCH & DEVELOPMENT

Whether we develop ideas for you, manufacture products or realize projects together with you, flexibility and quality are the highest priorities at GRONBACH and we constantly work towards achieving the zero-defect principle. Our network makes us particularly flexible, responsive and highly adaptable and therefore able to meet individual customer requirements. With a strong spirit of research, we continuously realize new ideas through our professional project management and we will support your ideas and projects from the first minute to your needsbased series production and delivery. To do this, we value long-term cooperation with our customers and convince them with our high level of technical support and comprehensive service whenever they need it.

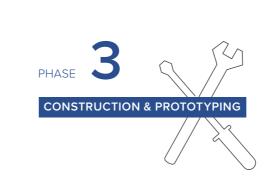




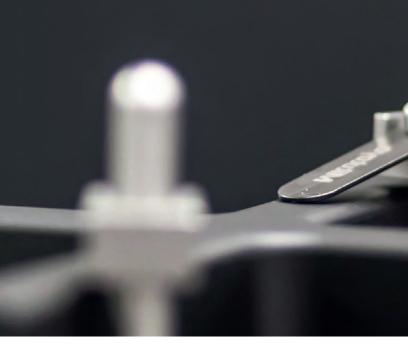
- Own developments
- Developments according to customer specifications
- Generation of ideas through innovation workshops

- Requirement management in coordination with customers
- Technology, patent and market research
- Access to a wide range of technologies within the group of companies
- Cooperation with external engineering offices and service providers for flexible expansion of capacity





- Device approval, e.g. VDE, UL, CSA
- Preparation of documents & customer-specific packaging systems
- EMC with external testing laboratories
- Distinctive supplier network and specialisation in supply chain management



- Production-ready preparation exclusively on 3D-CAD
- Constant design coordination with the customer
- Testing and measuring laboratory for electrical, thermal and mechanical devices
- Application technology and usability tests



RESEARCH & $\vee \vdash \bigcirc \square$



LABORATORY, PROTOTYPING AND TOOL-MAKING

GRONBACH develops customised solutions and fulfils the specifications exactly according to your specifications. We constantly strive for cost efficiency and simplicity. With the help of the most modern prototype construction we will present a first sample to you after a short time. In our factories we have different laboratories for testing a variety of materials and products in order to find the best qualitative solution. We simulate, design and build all our tools ourselves. This means quality in development and production from start to finish. The sites of our group are certified in accordance with DIN EN ISO 9001:2015 through an inter-site quality m anagement system.



THE COMPANY

The plant in Wasserburg am Inn was founded in 1962 by Mr. Dipl. Ing. Wilhelm Gronbach as a construction office with the patent for deep freezer hinges. We have remained true to this tradition. Through the years we have obtained many patents and we are proud to constantly be creating new things as a medium-sized company. In 1985 the company management was succesfully handed over to Dipl. Ing. Wilfried Gronbach. For some years now, Dr. Lina Gebhardt-Gronbach has been in charge of the family business in its third generation.

OUR AIM IS TO IMPRESS OUR CUSTOMERS

The GRONBACH Group is as diverse, innovative and likeable as its employees. We convince with short processes, fast reaction times and uniform quality standards and do not simply want to satisfy our customers, but rather to impress them. Well-known companies from Europe and around the world already rely on the performance of our network. You too can benefit from the experience of more than 50 years of company history.

Talk to us about your project. We are here for you at any time!







www.gronbach.com

Division Ventilation and Surfaces Am Burgfrieden 2 • D-83512 Wasserburg/Inn +49 (0)8071 / 915-0 • sales@gronbach.com www.gronbach.com

Division Appliances Schotterweg 7/9 • I-39044 Laag/Neumarkt +39 (0)471 / 809-611 • sales@gronbach.com www.gronbach.com

Division Appliances Prof.-Dr.-Anton-Kathrein-Straße 2 • A-6342 Niederndorf +43 (0)5373 / 62190-0 • sales@gronbach.com www.gronbach.com

Division Appliances Priemyselny Park 1 • SK-07101 Michalovce +421 (0)56 / 6819-111 • sales@gronbach.com www.gronbach.com

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