

Overview of the BENSELER Group

### **Surfaces consist of multiple layers**

**BENSELER is a competent service provider and partner for technically sophisticated solutions in the areas of coating, surface finishing, deburring and electrochemical metalworking of series components. The company offers custom-tailored applications for its customers that increase product value and are efficiently integrated into their respective supply chains. The BENSELER Group, based in Markgröningen near Stuttgart, consists of the two divisions Coatings and Deburring. The company also began working in additive manufacturing in the metalworking sector in 2018.**

BENSELER coats, paints, deburrs and cleans plastic and metal surfaces for the automotive industry and other industries. With multiple locations in Germany and affiliated companies in Switzerland and the Czech Republic, the Group offers virtually all of the processes relevant for the automotive industry as well as combinations thereof from a single source – all in the immediate vicinity of automotive manufacturers and major suppliers.

The company is continuously improving its core processes and supplements them with upstream and downstream services, such as production process management, sophisticated assembly work, sorting in combination with automated testing of connection elements and global logistics. Key customers include Audi, BMW, Bosch, Continental, Daimler, Kamax, Magna, Porsche and others. The BENSELER Group generated sales of approximately €160 million in fiscal year 2019. It employs over 1,100 staff members, including 33 trainees.

## Portfolio

In addition to organic coating processes, BENSELER also offers zinc flake coating and thread locking as well as a variety of deburring processes and industrial part cleaning in its two divisions Coatings and Deburring.

In the additive manufacturing area, the corporate group's portfolio includes producing direct components and the entire range of component design.

### Coatings division

► Coating metal components with a thin layer of zinc and aluminium membranes for effective corrosion protection.

Processes used:

- GEOMET® (water-based thin-film corrosion protection system)
- DELTA MKS® (thin-film corrosion protection system based on organic solvents)
- Other zinc flake systems
- Thread locks

A comprehensive range of sorting and measurement equipment is available for downstream processes.

► Coating parts to meet the highest requirements in appearance, corrosion protection and functionality.

Processes used:

- Cathoretic dip coating (CDC)
- Electrostatic powder coating (EPC)
- Wet Paint (WP)
- Plasma vacuum deposition (PVD, ePVD)

### Deburring division

► Processing outer and particularly inner burrs as well as erosive and activating surface finishing.

Processes used:

- Thermal Deburring (TDB)
- Electrochemical Machining (ECM)
- Precise Electrochemical Machining (PECM)
- High Pressure Water Deburring (HPD)
- Chemical Bath Deburring (CBD)
- Cryogenic Deburring
- Cleaning Technical Cleanliness (CTC)

### Additive manufacturing

► Generating prototypes and small and mid-sized series based on 3D data, including with complex geometries.

Processes used:

- Selective Laser Melting (SLM)

The company also develops metal powders for the respective components upon request and according to customer specifications.

### **Social commitment and sustainability**

Social commitment and sustainability, along with technical expertise, characterize the actions of the BENSELER Group. BENSELER employs members of the Workshop for People with Disabilities, headquartered in Bietigheim-Bissingen, at its Marbach am Neckar site. The Markgröningen and Kornwestheim sites very closely cooperate with the Theo-Lorch Workshops in Ludwigsburg. Since September 2001, BENSELER fully integrates people with disabilities into its work processes.

The company is certified according to the environmental management standard DIN EN ISO 14001 and the DIN EN ISO 50001 standard for energy management systems. The Kornwestheim site also has been awarded the ECOfit certification of the state of Baden-Wuerttemberg.

### **Quality**

BENSELER fulfils the quality requirements of the automotive industry and other industries, which is confirmed by certifications and successful audits, for example compliance with DIN EN ISO 9001. Group-wide certification in accordance with IATF 16949 is planned by mid-2022.

Laboratories and testing centres at the individual locations guarantee the consistently high level of production quality at BENSELER. The main focuses of these tests include corrosion testing, analysis of functional properties and optical characteristics as well as coating thickness measurements. In order to also meet all of the high quality requirements of the future, BENSELER works closely with its customers to continually develop the employed testing methods, procedures and technologies.

### **History**

Over the almost five decades of its existence, BENSELER has become the market leader in various areas of surface, coating, and deburring technology.

The company was founded in Markgröningen in 1961 by Manfred Benseler as a metalworking company. Soon after, BENSELER offers coating as a downstream process and increasingly specializes and finds success in demanding surface treatment methods. In 1983, Manfred Werner joins the company as managing partner and expands it to form a group of companies with locations throughout Germany. From 2003, he and his daughter, Birgit Werner-Walz, lead the company together as managing partners of the BENSELER Group. In 2008, Manfred Werner withdraws from the management and the company shares are transferred to the next generation.

The BENSELER-Holding management is expanded in 2016: Dr. Mathias Mühleisen and Thomas Müller run the family business together with Managing Partner Birgit Werner-Walz.

Werner Familienholding GmbH & Co.KG was founded in order to retain the benefits of a family owned and operated company in future generations. As of the end of 2019, it acts as a parent company to the BENSELER corporate group and its real estate holding companies. Some shares were transferred to the third generation of the family in early 2020.

In 2019, the BENSELER corporate group expanded overseas, founding BENSELER Mexiko S. de R.L. de C.V. in Mexico. The subsidiary is located in Querétaro, and will initially concentrate on marketing and sales for the BENSELER portfolio.

**Subsidiary companies of BENSELER Holding GmbH + Co. KG:**

- BENSELER Oberflächentechnik GmbH & Co. KG, Markgröningen
- BENSELER Oberflächentechnik NRW GmbH & Co. KG, Lüdenscheid
- BENSELER BETEO GmbH & Co. KG, Gummersbach
- BENSELER Beschichtungen GmbH & Co. KG, Kornwestheim
- BENSELER Beschichtungen Sachsen GmbH & Co. KG, Frankenberg/Sa.
- BENSELER Beschichtungen Bayern GmbH & Co. KG, Bogen
- BENSELER Entgratungen GmbH & Co. KG, Marbach am Neckar and Hattingen branch office
- BENSELER Sachsen GmbH & Co. KG, Frankenberg/Sa.
- BENSELER Mexiko S. de R.L. de C.V., MEX-Querétaro

**Affiliated companies of the BENSELER Group:**

- Moser Entgratungs AG, CH-Thörigen
- PROVE TECH CZ s.r.o., CZ-Říčany Jazlovice
- 3D Laser BW GmbH & Co. KG, Kirchheim unter Teck



**Find more information at: [www.benseler.de](http://www.benseler.de)**

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