

The BENSELER Group at a glance

Surface is multilayered

BENSELER is a competent service provider and partner for technically sophisticated solutions in the fields of coating, surface finishing, deburring, and electrochemical metal processing of series parts. For its customers, the company offers customized applications that increase the value of the products and are efficiently integrated into the respective value chain. The BENSELER group, headquartered in Markgröningen near Stuttgart, consists of the two business units Coatings and Deburring. In 2018, the company also entered into additive manufacturing in the metallic sector.

BENSELER coats, paints, deburrs, and cleans plastic and metal surfaces for the automotive industry and other sectors. At several locations in Germany, at the new site in Poland, as well as within the framework of its holdings in Switzerland and the Czech Republic, the group offers almost all processes relevant to the automotive industry as well as their combinations from a single source - and in the immediate vicinity of the automotive manufacturers and major suppliers.

The company is constantly developing its core processes and, as a systems partner, supplements them with upstream and downstream processes such as production process control, sophisticated assembly work, sorting in combination with automated testing of fasteners, or global logistics. Customers include Audi, BMW, Bosch, Continental, Daimler, Kamax, Magna, Porsche and others. The group of companies achieved sales of about 144 million Euros in fiscal 2021. It employs 1,017 people, including 32 apprentices.

Portfolio

In the two business units Coatings and Deburring, BENSELER offers not only organic coating processes but also, among other things, zinc flake coatings and thread locking as well as various deburring processes and industrial parts cleaning.

In the field of additive manufacturing, the portfolio of the group of companies includes the production of direct components as well as the entire component design.

Coatings Business Unit

► Coating of metal parts with a thin coating of zinc and aluminum flakes for effective corrosion protection.

Methods used:

- GEOMET® (water-based thin-film corrosion protection system)
- DELTA MKS® (organic solvent-based thin film corrosion protection system)
- Other Zinc Flake Systems
- Thread locks

Comprehensive sorting and measuring technology is available for downstream processes.

► Coating of parts with sophisticated appearance as well as high demands on corrosion protection and functionality.

Methods used:

- Cathodic Dip Coating (KTL)
- Electrostatic Powder Coating (EPS)
- Wet Paint (NL)
- Physical Vapor Deposition (PVD, ePVD)

Deburring Business Unit

► Treatment of external and especially internal burrs as well as ablative and activating surface finishing.

Methods used:

- Thermal Energy Machining (TEM)
- Electro Chemical Machining (ECM)
- Precise Electro Chemical Metal Machining (PECM)
- High-pressure Water Jet Deburring (HPD/HDW)
- Chemical Bath Deburring (CBE)
- Cryogenic Deburring (KRE)
- Purification Technical Cleanliness (RTS)

Additive manufacturing

► Generation of prototypes as well as small and medium sequence even with complex geometries based on 3D data.

Method used:

- Selective Laser Melting (SLM)

The company also develops metallic powders for respective components on request and according to customer specifications.

Social commitment and sustainability

In addition to technical expertise, sustainability and social commitment characterize the actions of the group of companies. At the Marbach am Neckar site, for example, BENSELER employs in their workshop people with disabilities of the Werkstatt für Behinderte, which is based in Bietigheim-Bissingen. At the Markgröningen and Kornwestheim sites, there is intensive cooperation with the Theo-Lorch-Werkstätten Ludwigsburg, which are – just like the Werkstatt of Behinderte – sheltered workshops. BENSELER has been fully integrating people with disabilities into the work process since September 2001. The company is certified according to the environmental management standard DIN EN ISO 14001 and the standard for energy management

systems DIN EN ISO 50001. The Kornwestheim site also bears the ECOfit award of the state of Baden-Württemberg.

Quality

BENSELER meets the quality requirements of the automotive industry and other sectors. This is shown by certifications and successful audits, for example DIN EN ISO 9001. Group-wide certification according to IATF 16949 is planned by mid-2022. At the individual sites, laboratories and test centers ensure the consistently high quality of BENSELER's production. The focal points of these tests include corrosion tests, examinations of functional properties and optical properties, and coating thickness measurements. In order to continue to meet all quality requirements in the future, BENSELER - also in close cooperation with its customers - is constantly developing the applied test methods, procedures, and technologies.

History

In the six 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. BENSELER soon offered coating as a downstream process and increasingly specializes in sophisticated surface treatments with success. In 1983, Manfred Werner joined the company as managing partner and grew the company into a group of companies with locations throughout Germany. From 2003 onwards, he led the BENSELER group of companies together with his daughter, Birgit Werner-Walz, as managing partner. In 2008, Manfred Werner retired and the company's shares were transferred to the next generation.

In 2016, the management of BENSELER-Holding grew: together with managing partner, Birgit Werner-Walz, Dr. Mathias Mühleisen and Thomas Müller co-led the family business.

In order to continue to secure the advantages of a family-run company over generations, Werner Familienholding GmbH & Co. KG was founded. Since the end of 2019, it has acted as the parent company of the BENSELER group of companies and

the real estate companies. At the beginning of 2020, partial shares were transferred to the third generation.

In 2019, the BENSELER group of companies expanded overseas with BENSELER Mexico S. de R.L. de C.V. in Mexico. The subsidiary is based in Querétaro and initially focused on marketing and sales for the BENSELER portfolio.

In 2020 and 2021, the BENSELER Group expanded its activities in Eastern Europe: At the close of 2020, BENSELER extended the capacities of its affiliate Prove Tech CZ s.r.o. in the Czech Republic by moving to significantly larger production facilities in the Říčany industrial park, where a third plant adds to the two existing thermal machining (TEM) plants. The deburring specialists there also offer electrochemical metal machining (ECM) as well as industrial parts cleaning.

In the fourth quarter of 2021, the newly founded subsidiary BENSELER Polska Sp.z o.o., based in Strzelce Opolskie, took up operations in Poland. The portfolio here includes thermal machining (TEM) and industrial parts cleaning for customers from the automotive and non-automotive sectors.

The subsidiaries 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 subsidiary Hattingen
- BENSELER Sachsen GmbH & Co. KG, Frankenberg/Sa.
- BENSELER Mexiko S. de R.L. de C.V., MEX-Querétaro
- BENSELER Polska Sp. z o.o., PL-Strzelce Opolskie

Investments of the BENSELER group

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

Further information: www.benseler.de

Press contact:

BENSELER Press Service
c/o Sympra GmbH (GPRA)
Martina Hönekopp | Stefanie Bäuerle
Stafflenbergstraße 32
70184 Stuttgart
Germany
Telephone: +49 711/947670
E-mail: benseler@sympra.de