

Bayerische Motoren Werke Aktiengesellschaft

About this organisation

Machine translation

This organisation has been machine-translated based on data provided in German.

Bayerische Motoren Werke Aktiengesellschaft

With future-orientated technologies, the BMW Group Plant Landshut plays the role of an innovation driver in the technological transformation of the automotive sector and its supplier industry. At the Lightweight Construction and Technology Centre (LuTZ), which is directly connected to the plant, specialists from a wide range of disciplines actively drive the sustainable development of future vehicle models. They are involved in the development processes of new vehicles at an early stage.

Petuelring 130
80788 München
Bavaria
Germany
www.bmwgroup.com

BMW GROUP

Organisation type

Large enterprises

Sector



Employees

500 and more

Turnover

n/a

Funding

Main areas covered

Lightweight complete vehicle, Hybrid lightweight construction, CFRP lightweight construction

Infrastructure

Certifications

Keywords

Memberships

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Software & databases, Systems and end products, Materials	✓	✓	✓
<i>Services & consulting</i>			
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
Plant construction & automation Plant construction, Automation technology, Handling technology, Robotics	✓	✓	✓
<i>Recycling technologies</i>			

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing 3D printing, Deposition welding, Electron beam melting, Selective laser melting (SLM, LPBF, ...), Selective laser sintering (SLS), Stereolithography	✓	✓	✓
Coating (surface engineering) Painting, Powder coating, Hot dipping	✓	✓	✓
<i>Fibre composite technology</i>			
Forming Deep-drawing	✓	✓	✓
Joining Clinching, Hybrid joining, Adhesive bonding, Soldering, Riveting, Screwing, Welding	✓	✓	✓
Material property alteration Heat treatment	✓	✓	✓
Primary forming Casting, Injection moulding	✓	✓	✓
<i>Processing and separating</i>			
<i>Textile technology</i>			

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
Metals			
Aluminium, Steel	✓	✓	✓
Plastics			
Thermoset plastics, Elastomers, Thermoplastics	✓	✓	✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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