

Brummelte & Lienen Werkzeugbau GmbH

About this organisation

Machine translation

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

Brummelte und Lienen Werkzeugbau GmbH (BUL) has many years of expertise in tool design, tool manufacture and component production for volumes ranging from prototypes to series production. In the core technologies of hot and cold forming, pioneering products are developed and implemented in series production together with OEMs and Tier 1 in the automotive, special and protective vehicles, agricultural machinery and industrial sectors.

Since 2000, BUL has established itself as an established partner in the field of component development and prototyping for the automotive, agricultural machinery and special applications sectors. Thanks to a very high level of technical expertise, the use of new materials coupled with modern production, it has been possible to meet the constant market demand for weight reduction while at the same time increasing strength and service life. The core technologies of hot forming and press hardening in particular are characterised by maximising and guaranteeing very high wear resistance. In the field of forming technology, state-of-the-art solutions can be realised through the use of multi-material systems. In the process and materials science sectors, BUL's co-operation with universities and technical colleges has proven its worth. BUL is therefore able to cover the entire value chain from the initial idea to series production.

Max-Planck-Str. 20
33104 Paderborn
North Rhine-Westphalia
Germany
www.bulight.de



Organisation type

Small or medium-sized enterprise

Sectors



Employees

10 up to 49

Turnover

n/a

Funding

Brummelte & Lienen Werkzeugbau GmbH

About this organisation

Main areas covered Engineering, Production

Infrastructure

Certifications

Keywords Automotive components

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Tools and moulds	✓	✓	✓
Services & consulting Training, Testing and trials, Engineering, Prototyping, Simulation	✓	✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
Design & layout Lightweight manufacturing, Hybrid structures	✓	✓	✓
<i>Functional integration</i>			
Measuring and testing technology Component and part analysis	✓	✓	✓
Modelling and simulation Crash behaviour, Optimisation, Processes, Materials, Reliability validation	✓	✓	✓
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
Forming Impact extrusion, Compression moulding, Thermal converting, Deep-drawing	✓	✓	✓
Joining Welding	✓	✓	✓
<i>Material property alteration</i>			
<i>Primary forming</i>			
Processing and separating Drilling, Turning, Milling, Grinding	✓	✓	✓
<i>Textile technology</i>			

Overview of lightweighting expertise

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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	✓	✓	
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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