

# 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.

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North Rhine-Westphalia  
Germany  
[www.bulight.de](http://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
<b>Offer</b>			
<b>Products</b> Parts and components, Tools and moulds	✓	✓	✓
<b>Services &amp; consulting</b> Training, Testing and trials, Engineering, Prototyping, Simulation	✓	✓	✓

## Overview of lightweighting expertise

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

Overview of lightweighting expertise

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

Contacts

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## Contacts

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