

# lightweight solutions GmbH

## About this organisation

### Machine translation

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

lightweight solutions GmbH was founded in 2004. The company is located in the Mietraching Technology Park near Bad Aibling. The company develops and produces lightweight construction materials from renewable raw materials. The manufactured products and solutions offer added value and set standards in terms of design freedom, processability and quality.

Products and services at a glance: - Lightweight panel material lisocore® - Moulded parts made from natural fibres - Tool and mould making - Prototype construction - Product development - Material testing For quality assurance and to shorten product development cycles, the company has a state-of-the-art test laboratory and a multifunctional furniture test bench. Core industries of lightweight solutions GmbH: - Furniture and interior design - Trade fair and shop fitting - Leisure and motorhome construction - Ship and yacht building - Stage and scenery construction - Packaging, transport and logistics In 2009, the company was honoured with the Innovation Award for the European forestry and timber industry. lightweight solutions GmbH is a member of the Interessengemeinschaft Leichtbau e.V. (igeL e.V.)

Carl-von-Ossietzky-Str. 17-21  
83043 Bad Aibling  
Bavaria  
Germany  
[www.lightweight-solutions.de](http://www.lightweight-solutions.de)



### Organisation type

Small or medium-sized enterprise

### Sectors



### Employees

10 up to 49

### Turnover

n/a

### Funding

n/a



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## About this organisation

**Main areas covered**      lisocore® lightweight material, Moulded parts made from natural fibres

**Infrastructure**      Test laboratory, Furniture test bench, Toolmaking

**Certifications**

**Keywords**      Lightweight construction, Lightweight panels, Moulded parts, Natural fibre composites

**Memberships**

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Materials, Tools and moulds	✓	✓	✓
<b>Services &amp; consulting</b> Testing and trials, Engineering, Validation	✓	✓	

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Field of technology</b>			
<b>Design &amp; layout</b> Lightweight manufacturing, Lightweight design	✓	✓	
<b>Functional integration</b> Actuator technology, Media conductivity		✓	
<b>Measuring and testing technology</b> Materials analysis, Destructive analysis	✓	✓	
<b>Modelling and simulation</b> Materials	✓	✓	
<i>Plant construction &amp; automation</i>			
<i>Recycling technologies</i>			
<b>Manufacturing process</b>			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<b>Fibre composite technology</b> Pre-preg processing	✓	✓	✓
<b>Forming</b> Compression moulding	✓	✓	✓
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

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	Research	Development	Manufacturing & Supply
<b>Material</b>			
<b>Biogenic materials</b> Biocomposites, Wood	✓	✓	✓
<i>Cellular materials (foam materials)</i>			
<b>Composites</b> Natural fibre reinforced plastics (NFRP)	✓	✓	✓
<b>Fibres</b> Natural fibres	✓	✓	✓
<i>Functional materials</i>			
<i>Metals</i>			
<i>Plastics</i>			
<i>Structural ceramics</i>			
<b>(Technical) textiles</b> Laid webs, Knitted fabrics, Nonwovens, mats	✓	✓	✓

## Contacts

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## Contacts

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