

About this organisation

Machine translation

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

The company ligenium GmbH is a pioneer in the use of wood in mechanical engineering. mechanical engineering. It supplies German car manufacturers with solutions in timber construction that are ready for series production and has extensive expertise in the design, production-ready construction and production of assemblies made from wood-based materials.

- Lightweight construction with selected wood materials
- The focus is on WVC (Wood Veneer Composite) - Application of wood-metal hybrids

Annaberger Str. 240  
09125 Chemnitz  
Saxony  
Germany  
[www.ligenium.de/](http://www.ligenium.de/)



**Organisation type**  
Small or medium-sized enterprise

**Sectors**

**Employees**  
10 up to 49

**Turnover**  
n/a

**Funding**  
n/a

**Main areas covered** Special load carriers, Transport racks, Conveyor technology

**Infrastructure** Load carrier, Machine elements, Semi-finished profiles, Conveyor technology

**Certifications** ISO 9001, Tisax, ISO 14001

**Keywords** Wood in mechanical engineering, WVC (Wood Veneer Composite)

**Memberships**

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Parts and components, Semi-finished parts, Machines and plants	✓	✓	✓
<b>Services &amp; consulting</b> Consulting, Funding, Engineering	✓	✓	✓
<b>Field of technology</b>			
<b>Design &amp; layout</b> Hybrid structures, Lightweight construction concepts, Lightweight material construction	✓	✓	✓
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<b>Modelling and simulation</b> Crash behaviour, Loads & stress, Life-cycle analysis, Structural mechanics, Materials, Reliability validation, Others (regarding timber construction methods)	✓	✓	✓
<b>Plant construction &amp; automation</b> Plant construction	✓	✓	✓
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing			
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining			
Material property alteration			
Primary forming			
Processing and separating			
Drilling, Milling, Sawing, Grinding, Cutting, Others (Lightweight wood construction materials e.g. WVC (Wood Veneer Composite))			✓
Textile technology			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<b>Biogenic materials</b> Wood, Others (Components and construction methods)	✓	✓	✓
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals			
Plastics			
Structural ceramics			
(Technical) textiles			

Contacts

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**Contacts**

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