

## About this organisation

### Machine translation

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

We have been successfully developing and manufacturing electric and pneumatic vehicle door systems for over 50 years. The success of recent years confirms the path we have taken.

Research into the use of secondary aluminium and light copper alloys for components of train boarding systems.

Ochshäuserst. 14  
34123 Kassel  
Hesse  
Germany  
[www.schaltbau-bode.com](http://www.schaltbau-bode.com)



**Organisation type**  
Large enterprises

**Sector**  
A small black icon of a bus, representing the transportation sector.

**Employees**  
500 and more

**Turnover**  
More than €50m

**Funding**

**Main areas covered**  
Extruded aluminium profiles

**Infrastructure**

**Certifications**

**Keywords**

**Memberships**

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Parts and components, Materials, Tools and moulds		✓	✓
<i>Services &amp; consulting</i>			
<b>Field of technology</b>			
<b>Design &amp; layout</b> Lightweight manufacturing		✓	
<b>Functional integration</b> Sensor technology		✓	✓
<b>Measuring and testing technology</b> Component and part analysis, System analysis, Environmental simulation, Non-destructive analysis		✓	✓
<b>Modelling and simulation</b> Loads & stress, Life-cycle analysis, Multiphysics simulation, Structural mechanics, Reliability validation		✓	✓
<i>Plant construction &amp; automation</i>			
<i>Recycling technologies</i>			

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	Research	Development	Manufacturing & Supply
<b>Manufacturing process</b>			
<b>Additive manufacturing</b> 3D printing		✓	✓
<b>Coating (surface engineering)</b> Powder coating			✓
<i>Fibre composite technology</i>			
<b>Forming</b> Bending			✓
<b>Joining</b> Adhesive bonding, Riveting, Screwing, Welding		✓	✓
<i>Material property alteration</i>			
<i>Primary forming</i>			
<b>Processing and separating</b> Drilling, Turning, Milling, Electrical discharge machining, Sawing, Grinding, Cutting		✓	✓
<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			✓
<b>Plastics</b> Thermoset plastics, Elastomers, Thermoplastics			✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

## Contacts

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**Contacts**

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