

VDEh Steel Institute

About this organisation

Machine translation

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

The VDEh Steel Institute is a central institution of the steel manufacturing industry and promotes technical and scientific co-operation.

Lightweight construction solutions with steel play an important role in various applications, especially in the automotive industry. The VDEh Steel Institute promotes cooperation between companies and coordinates research projects in this area.

Sohnstraße 65
40237 Düsseldorf
North Rhine-Westphalia
Germany
www.stahl-online.de



Organisation type

Association, Chamber of industry and commerce

Sector



Others: Stahlindustrie

Employees

50 up to 249

Turnover

€10m - €50m

Funding

n/a

Main areas covered

Lightweight construction solutions with steel

Infrastructure

Certifications

Keywords

Memberships

Overview of lightweighting expertise

Machine translation

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

	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Semi-finished parts, Materials	✓		
Services & consulting Training, Consulting, Funding, Standardisation, Technology transfer	✓		
Field of technology			
Design & layout Lightweight manufacturing, Hybrid structures, Lightweight material construction	✓		
Functional integration Material functionalisation	✓		
Measuring and testing technology Visual analysis (e.g. microscopy, metallography), Materials analysis, Destructive analysis, Non-destructive analysis	✓		
Modelling and simulation Life-cycle analysis, Materials	✓		
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

Machine translation

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

	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing 3D printing		✓	
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
Forming Bending, Impact extrusion, Compression moulding, Forging, Extrusion moulding, Stretch forming, Thermal converting, Deep-drawing, Fluid active media based forming, Rolling		✓	
<i>Joining</i>			
<i>Material property alteration</i>			
Primary forming Casting		✓	
<i>Processing and separating</i>			
<i>Textile technology</i>			

Overview of lightweighting expertise

Machine translation

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

	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
Composites			
Metal matrix composite		✓	
Fibres			
Metal fibres		✓	
Functional materials			
Electrostrictive / magnetostrictive materials, Shape memory materials		✓	
Metals			
Steel		✓	
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

Machine translation

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

VDEh Steel Institute

Contacts

Mr Dr.-Ing. Peter Dahlmann

Managing Director

peter.dahlmann@vdeh.de

Mr Dr.-Ing. Hans-Joachim Wieland

hans-joachim.wieland@vdeh.de