

castwerk GmbH & Co. KG
automotive + e-mobility

About this organisation

Machine translation

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

Under the motto "We make the automotive and urban world lighter" - and lighter means less consumption and more range - castwerk is the only company in Europe to offer its customers the entire range of magnesium production technologies.

castwerk GmbH & Co. KG specialises in magnesium applications in die casting and thixomoulding processes for the production of components for the automotive industry and urban mobility.

Siegener Str. 39
35066 Frankenberg (Eder)
Hesse
Germany
www.castwerk.com



Organisation type
Small or medium-sized enterprise

Sectors
  

Employees
50 up to 249

Turnover
€10m - €50m

Funding
n/a

Main areas covered Hot chamber die casting, Thixomoulding

Infrastructure

Certifications IATF 16949, DIN EN ISO 9001:2015

Keywords Magnesium, E-mobility, Automotive, Thixomoulding, Urban mobility

Memberships International Magnesium Association

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, Materials, Tools and moulds		✓	✓
Services & consulting Testing and trials, Engineering, Prototyping, Simulation, Technology transfer		✓	✓
Field of technology			
Design & layout Lightweight manufacturing		✓	✓
<i>Functional integration</i>			
Measuring and testing technology Component and part analysis, Visual analysis (e.g. microscopy, metallography), Materials analysis, Destructive analysis, Non-destructive analysis			✓
Modelling and simulation Processes, 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			
<i>Additive manufacturing</i>			
Coating (surface engineering) Painting, Powder coating			✓
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
Primary forming Casting, Injection moulding	✓	✓	✓
Processing and separating Milling			✓
<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>			
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
Metals			
Magnesium	✓	✓	✓
<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.

Contacts

Mr Jan Schütz

*Produkt Management Leichtbau/Product
Management Lightweight*

Jan.Schuetz@castwerk.com