

FEINGUSS BLANK GmbH

About this organisation

Machine translation

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

FEINGUSS BLANK GmbH is one of the leading investment casting foundries in Europe. No other metal-forming process can produce similarly complex moulds under comparable economic conditions as investment casting using the lost wax process. Quality at the highest level, precision down to the smallest detail and an almost inexhaustible variety of materials characterise investment casting, made by FEINGUSS BLANK.

As a development partner, we don't just limit ourselves to the casting-compatible design of your component, but also provide new approaches to part optimisation with a variety of simulation options. With the help of the digital prototype, we have the opportunity to improve the investment casting in terms of topology and strength even before actual production, thereby achieving material and cost savings. Another added value for the customer is the time savings resulting from the simulation findings, which replace time-consuming, real-life tests.

Industriestraße 18
88499 Riedlingen
Baden-Württemberg
Germany
www.feinguss-blank.de



Organisation type

Large enterprises

Sectors



Employees

500 and more

Turnover

More than €50m

Funding

n/a

FEINGUSS BLANK GmbH

About this organisation

Main areas covered Investment castings

Infrastructure

Certifications ISO 9001:2008, ISO/TS 16949:2009, ISO 14001:2004 + Cor 1:2009, ISO 50001:2011

Keywords Investment casting, Topology optimisation, FEM simulation, Additive manufacturing

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Semi-finished parts, Systems and end products, Materials, Tools and moulds		✓	✓
Services & consulting Testing and trials, Engineering, Prototyping, Simulation		✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
Design & layout Lightweight manufacturing, Lightweight design, Lightweight construction concepts		✓	✓
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
Modelling and simulation Optimisation, Processes, Structural mechanics, Materials, Reliability validation		✓	✓
<i>Plant construction & factory automation</i>			
<i>Recycling technologies</i>			
Manufacturing process			
Additive manufacturing 3D printing, Stereolithography, Others: null		✓	✓
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
Joining Soldering, Riveting, Welding, Others: null		✓	✓
Material property alteration Heat treatment			✓
Primary forming Casting, Others: null		✓	✓
Processing and separating Drilling, Turning, Milling, Electrical discharge machining, Sawing, Grinding			✓
<i>Textile technology</i>			

Overview of lightweighting expertise

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	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		✓	✓
Aluminium, Steel, Others: null			
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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