

ar engineers GmbH

About this organisation

Machine translation

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

ar engineers GmbH is an engineering company based in Hamburg and works in the field of fibre composites with a focus on product development, structural simulation and manufacturing support.

We analyse, calculate and optimise your components for you or develop and implement customised methods and tools with which you can solve the calculation tasks in your development or production process. Whether selectively or during the entire process: we advise you in your development process with expertise from the planning to the realisation of your ideas. State-of-the-art simulation technologies, extensive knowledge and many years of experience allow us to offer you a customised solution for your objectives. To ensure that you and your employees not only utilise a new technology, but are also economically and creatively involved in decisions and workflows, we train you and your employees as required, turning you into in-house experts.

Kühnehöfe 20
22761 Hamburg
Hamburg
Germany
www.ar-engineers.com



Organisation type

Small or medium-sized enterprise

Sectors



Employees

Up to 9

Turnover

n/a

Funding

n/a

ar engineers GmbH

About this organisation

Main areas covered Component development & optimisation, Finite element analysis/simulation, Composite training & research, Mould making & production consulting, Quality assurance & certification

Infrastructure

Certifications

Keywords

Memberships

Overview of lightweighting expertise

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Research Development Manufacturing & Supply

Offer

Products

Services & consulting

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
Design & layout Lightweight manufacturing, Lightweight design, Hybrid structures, Lightweight construction concepts		✓	
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
Modelling and simulation Crash behaviour, Loads & stress, Optimisation, Processes, Structural mechanics, Materials		✓	
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<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>			
Composites Aramid fibre composites, Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP)		✓	
<i>Fibres</i>			
<i>Functional materials</i>			
Metals Aluminium, Steel		✓	
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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