Sampro GmbH

About this organisation

Machine translation

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

Sampro GmbH develops simulation tools for mapping manufacturing processes. Sampro's core competence is the simulation of the friction welding process, for which the virtua RFW software was developed. Sampro is also available as an engineering service provider for the technological development of friction welding applications.

The development of new joining technologies using process simulation is one of Sampro's core competencies, especially for mixed joints such as aluminium-steel, aluminium-copper, etc. We would be happy to advise you on technology development! We look forward to hearing from you!

Dillweg 17b
39110 Magdeburg
Saxony-Anhalt
Germany
www.sampro-software.net

Organisation type
Small or medium-sized enterprise

Sectors

Employees
Up to 9

Turnover
Up to €2m

Funding
n/a

Main areas covered	Simulation, Friction welding, Technology development, Mixed connections
Infrastructure	
Certifications	
Keywords	
Memberships	DVS

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Software & databases	✓	✓	
Services & consulting Consulting, Testing and trials, Engineering, Simulation, Technology transfer	✓	✓	
Field of technology			
Design & layout Lightweight design, Hybrid structures, Lightweight construction concepts, Lightweight material construction	✓	✓	
Functional integration			
Measuring and testing technology			
Modelling and simulation Loads & stress, Multiphysics simulation, Optimisation, Processes, Structural mechanics, Materials	✓	✓	✓
Plant construction & automation			
Recycling technologies			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
Additive manufacturing Deposition welding	✓	✓	
Coating (surface engineering)			
Fibre composite technology			
Forming			
Joining Hybrid joining, Soldering, Riveting, Welding	✓	✓	✓
Material property alteration			
Primary forming			
Processing and separating			
Textile technology			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals Aluminium, Intermetallic alloys, Magnesium, Steel, Titanium	✓	✓	✓
Plastics			
Structural ceramics			
(Technical) textiles			

Contacts

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Contacts

Mr Dr. David Schmicker

Managing Director

david.schmicker@sampro-software.net