

DYNAmore Company for FEM Engineering Services mbH

DYNAmore GmbH

About this organisation

Machine translation

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

DYNAmore offers a product portfolio that includes the finite element software LS-DYNA, the pre- and post-processor LS-PrePost, the optimisation software LS-OPT and numerous FE models for crash simulation. The company has many years of experience in model development and simulation. A particular focus is the new Material Competence Centre, which focuses on the rapid parameter identification of material models.

Simulation enables the optimisation of structural components (topology and material) and increases the potential for lightweight construction.

Braike 69
70565 Stuttgart
Baden-Württemberg
Germany
www.dynamore.de



Organisation type

Small or medium-sized enterprise

Sectors



Employees

50 up to 249

Turnover

n/a

Funding

Main areas covered Software development, Finite elements, consulting, Engineering services, Structural optimisation, lightweight construction

Infrastructure Mechanical laboratory, Software for structural optimisation

Certifications

Keywords

Memberships

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting Training, Consulting, Simulation	✓	✓	
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
Measuring and testing technology Component and part analysis, System analysis, Destructive analysis	✓	✓	
Modelling and simulation Crash behaviour, Loads & stress, Multiphysics simulation, Optimisation, Processes, Structural mechanics, Materials	✓	✓	
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
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, Basalt fibre-reinforced plastic, Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP), Metal-fibre-polymer composite	✓	✓	
<i>Fibres</i>			
<i>Functional materials</i>			
Metals Aluminium, Intermetallic alloys, Magnesium, Steel, Titanium	✓	✓	
Plastics Thermoset plastics, Elastomers, Thermoplastics	✓		
<i>Structural ceramics</i>			
(Technical) textiles Yarns, rovings, Meshes, Laid webs, Crocheted fabrics, Woven fabrics, Knitted fabrics, Nonwovens, mats	✓	✓	

Contacts

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