

# 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](http://www.dynamore.de)



**Organisation type**  
Small or medium-sized enterprise

**Sectors**  
A row of eight black icons on a white background. From left to right: a car, an airplane, a building, a plus sign, a truck, a gear, a bus, and a train.

**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**

## Overview of lightweighting expertise

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

**Overview of lightweighting expertise**

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	Research	Development	Manufacturing & Supply
<b>Manufacturing process</b>			
<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
<b>Material</b>			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<b>Composites</b> 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>			
<b>Metals</b> Aluminium, Intermetallic alloys, Magnesium, Steel, Titanium	✓	✓	
<b>Plastics</b> Thermoset plastics, Elastomers, Thermoplastics	✓		
<i>Structural ceramics</i>			
<b>(Technical) textiles</b> Yarns, rovings, Meshes, Laid webs, Crocheted fabrics, Woven fabrics, Knitted fabrics, Nonwovens, mats	✓	✓	

## Contacts

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**Contacts**

Mr Prof. Dr.-Ing. Andre Haufe

[andre.haufe@dynamore.de](mailto:andre.haufe@dynamore.de)