

About this organisation

Machine translation

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

INTES is a development company for simulation software in mechanics and optimisation based in Stuttgart, Paris and Tokyo. The software product PERMAS is used worldwide for simulations in the field of thermo-mechanics and vibro-acoustics. PERMAS uses finite element technology for the calculations and integrates numerous optimisation methods for topology, shape, element and material parameters.

The lightweight construction expertise consists of the following components: - Stress and vibration calculation of components made from fibre composites - Diverse optimisation options for geometry, layer structure and material - Acoustics and vibrations of actively damped systems

Breitwiesenstr. 28
70565 Stuttgart
Baden-Württemberg
Germany

www.intes.de/



Organisation type

Small or medium-sized enterprise

Sectors



Employees

10 up to 49

Turnover

€2m - €10m

Funding

n/a

INTES Ingenieurgesellschaft für technische Software GmbH

About this organisation

Main areas covered FEM software system PERMAS, Software development for FE analysis, Calculation projects, Static and dynamic design

Infrastructure

Certifications

Keywords CAE, Finite element analyses, Optimisation (topology, shape, param.), Active damping

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Software & databases	✓	✓	
Services & consulting Simulation	✓	✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
Modelling and simulation			
Loads & stress, Multiphysics simulation, Optimisation, Structural mechanics, Reliability validation	✓	✓	✓
<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			
Biogenic materials			
Cellular materials (foam materials)			
Composites			
Fibres			
Functional materials			
Metals			
Plastics			
Structural ceramics			
(Technical) textiles			

Contacts

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