

About this organisation

Machine translation

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

Engineering and expert office for sandwich technology, lightweight metal construction and structural analysis

Engineering and expert office for structural analysis, sandwich technology and lightweight metal construction
Planning and structural calculations for roof, wall, ceiling and façade elements, lightweight constructions, sandwich and composite components, additive and composite ceilings, Type statics (e.g. span or load tables) for construction elements, Support in approval procedures and approvals in individual cases, Software development (SandStat↑, SandExcel → Downloads), Development of special solutions and/or alternative proposals, Expert opinions on product labelling and usability (e.g. for DIBt, EPAQ etc.), Damage assessments with the involvement of publicly appointed and sworn experts, Scientific advice on the development of new products, influence of materials and geometry on load-bearing behaviour, design concepts for new construction methods and fastenings

Otto-Hesse-Straße 19/T7
64293 Darmstadt
Hesse
Germany
www.is-eng.de

Main areas covered

Sandwich elements, Lightweight metal construction

Infrastructure

Certifications

Keywords

Sandwich, Sandwich elements, SandStat, Lightweight metal construction, Experts

Memberships

DIN, DIBt, IFBS, ppa-Europe, CEN

IS - engineering GmbH

Organisation type

Small or medium-sized enterprise

Sector



Employees

Up to 9

Turnover

Up to €2m

Funding

n/a

Overview of lightweighting expertise

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| | Research | Development | Manufacturing & Supply |
|--|----------|-------------|---------------------------|
| Offer | | | |
| Products | | | |
| Materials | | ✓ | |
| Services & consulting | | | |
| Training, Engineering, Standardisation, Approval | | ✓ | |
| Field of technology | | | |
| Design & layout | | | |
| Others (Dimensioning of sandwich elements) | ✓ | ✓ | ✓ |
| <i>Functional integration</i> | | | |
| <i>Measuring and testing technology</i> | | | |
| <i>Modelling and simulation</i> | | | |
| <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) Closed-pore | | ✓ | |
| Composites | | | |
| Fibres | | | |
| Functional materials | | | |
| Metals | | | |
| Plastics | | | |
| Structural ceramics | | | |
| (Technical) textiles | | | |

Contacts

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Contacts

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