

Hoch Technologie Systeme GmbH

About this organisation

Machine translation

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

Partner for the aerospace industry for the fulfilment of development tasks, in particular design, structural calculation, production, clean room assembly and testing of mechanisms as well as for structural design and construction in rail vehicle construction.

CFRP laminate design and sample production Thin-walled laminate structures for extension mechanisms and surface structures Physically and geometrically non-linear structural calculations Proof of fatigue strength according to FKM guideline Environmental tests (vibration, temperature loads)

Am Glaswerk 6
01640 Coswig
Saxony
Germany
www.htsdd.de



Organisation type
Small or medium-sized enterprise

Sectors
 

Employees
10 up to 49

Turnover
€2m - €10m

Funding
n/a

Main areas covered Gearboxes, mechanisms, Tram body shell and interior fittings, Angle sensors, Locking and release mechanisms, Expandable structures

Infrastructure Simulation with CAE, Design with CAD, Procurement of production/standard parts, Installation in ISO6 clean room

Certifications EN ISO 9001:2008, ECSS-Q-ST-70-08/26/30

Keywords Hold Down and Release, Deployable Structures, Carbon fibre CFRP, Strength calculation test, Structural analysis

Memberships

Hoch Technologie Systeme GmbH

Overview of lightweighting expertise

Machine translation

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

	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components, Materials		✓	✓
Services & consulting Training, Testing and trials, Engineering, Validation, Simulation		✓	✓
Field of technology			
Design & layout Lightweight design, Hybrid structures, Lightweight construction concepts, Lightweight material construction		✓	✓
Functional integration Sensor technology, Thermal activation		✓	✓
Measuring and testing technology System analysis, Environmental simulation, Non-destructive analysis		✓	
Modelling and simulation Loads & stress, Multiphysics simulation, Optimisation, Structural mechanics		✓	✓
Plant construction & automation Handling technology, Robotics		✓	✓
<i>Recycling technologies</i>			

Overview of lightweighting expertise

Machine translation

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

	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
Fibre composite technology Manual lamination, Pre-preg processing, Vacuum infusion	✓	✓	
<i>Forming</i>			
Joining Adhesive bonding, Soldering, Riveting, Screwing		✓	✓
Material property alteration Heat treatment		✓	
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

Hoch Technologie Systeme GmbH

Overview of lightweighting expertise

Machine translation

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

Research Development **Manufacturing & Supply**

Material

Biogenic materials

Cellular materials (foam materials)

Composites

Fibres

Functional materials

Metals

Plastics

Structural ceramics

(Technical) textiles

Contacts

Machine translation

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

Mr Dr.-Ing. Klaus Seifart

Head of Engineering

seifart@htsdd.de

Mr Robert Hahn

Business Development

robert.hahn@htsdd.de