

Frauenthal Airtank Elterlein GmbH

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About this organisation

Machine translation

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

We are part of the Frauenthal Group and supply the majority of the European commercial vehicle industry. We are also active in the non-automotive sector and manufacture pressure vessels for use in industrial plants and railway applications, primarily in steel and aluminium.

Frauenthal Airtank has acquired extensive knowledge in the field of lightweight construction of pressure vessels through close co-operation with research institutes and partner companies. In addition to creating innovative design solutions for pressure vessels made of steel, aluminium and plastic, these collaborations have also led to the development of a patented joining process for organic sheet metal for the production of coiled tube structures.

Scheibenberger Str. 45
09481 Elterlein
Saxony
Germany

www.frauenthal-automotive.com/de/



Organisation type

Large enterprises

Sectors



Employees

50 up to 249

Turnover

€10m - €50m

Funding

n/a



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About this organisation

Main areas covered Pressure vessel, Type V pressure vessel, Aluminium pressure vessel, Plastic pressure vessel, Coiled tube structures

Infrastructure

Certifications IATF 16949

Keywords

Memberships

Overview of lightweighting expertise

Machine translation

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components		✓	✓
Services & consulting Training, Testing and trials, Engineering, Standardisation, Prototyping, Validation, Approval		✓	✓

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
Design & layout Lightweight design, Lightweight construction concepts		✓	✓
Functional integration			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation			
Recycling technologies			
Manufacturing process			
Additive manufacturing			
Coating (surface engineering) Powder coating			✓
Fibre composite technology			
Forming Deep-drawing			✓
Joining Welding	✓	✓	✓
Material property alteration			
Primary forming			
Processing and separating Drilling, Turning, Milling, Sawing, Shearing/ punching, Grinding, Cutting			✓
Textile technology			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
<i>Fibres</i>			
<i>Functional materials</i>			
Metals Aluminium, Steel			✓
Plastics Thermoplastics		✓	✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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R&D

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