

About this organisation

Machine translation

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

Moll Engineering GmbH manufactures targeting devices for trauma surgery made of carbon fibre reinforced plastics (CFRP) for the precise, fast and secure screwing of bone nails after a fracture. The combination of metal and CFRP enables the optimum utilisation of different properties. The portfolio also includes retractors made of CFRP and the machining of titanium, stainless steel and aluminium.

The combination of metal and CFRP enables the optimum utilisation of different properties. For example, the high abrasion resistance and low possible tolerances of stainless steel can be combined with the low weight, high rigidity and flexible moulding of CFRP. This means that each material is only used where it makes the most sense. We help with the question of where which fibre-reinforced semi-finished product can be used and where the use of steel is more worthwhile. We use milling, turning, grinding, water jet cutting and pressing of prepregs to manufacture such lightweight products. The processing of moulding compounds and forming of so-called organic sheets is also being introduced. Over the years, we have built up the necessary expertise in machining and apply this to the benefit of our customers.

Seelandstraße 14-16
23569 Lübeck
Schleswig-Holstein
Germany
www.moll-engineering.de



Organisation type

Small or medium-sized enterprise

Sectors



Employees

10 up to 49

Turnover

n/a

Funding

n/a

About this organisation

Main areas covered Contract manufacturing, Support in E&K

Infrastructure

Certifications ISO 13485, FDA registered

Keywords

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Parts and components			✓
Services & consulting Prototyping			✓
Field of technology			
Design & layout Lightweight manufacturing, Hybrid structures		✓	✓
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
Plant construction & factory automation Automation technology			✓
<i>Recycling technologies</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
<i>Coating (surface engineering)</i>			
Fibre composite technology Manual lamination, Resin infusion process, Resin transfer moulding, Pre-preg processing, Vacuum infusion			✓
Forming Compression moulding, Thermal converting			✓
Joining Adhesive bonding, Screwing			✓
<i>Material property alteration</i>			
<i>Primary forming</i>			
Processing and separating Drilling, Turning, Milling, Grinding, Cutting			✓
<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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