

About this organisation

Machine translation

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

KNIERIM builds customised yachts - high-tech racers in state-of-the-art carbon sandwich construction just as well as functional long-distance yachts or motorboats. Even very special projects that represent a major challenge, such as the solar-powered catamaran TÛRANOR PlanetSolar, are tackled with great enthusiasm and successfully completed.

The processing of high-quality materials requires a high degree of technical expertise as well as state-of-the-art tools and machines. Our customers can expect high-end products for which our experience reliably guarantees quality. Through the continuous improvement of fibre composite construction based on decades of experience and the use of innovative materials and technologies, KNIERIM builds lighter and stiffer hulls and structures, i.e. simply more robust and faster yachts for worldwide regatta use or comfortable cruising on the most beautiful sailing areas. KNIERIM also manufactures customised components for mega yachts or special vessels. Lounge furniture, counters, pool landscapes, radar masts, equipment carriers and tenders are just a few examples. Close cooperation with KNIERIM Tooling enables the production of all composite components, from the precise mould to the first-class finish.

Uferstrasse 100
24106 Kiel
Schleswig-Holstein
Germany
www.knierim-yachtbau.de



Organisation type

Small or medium-sized enterprise

Sectors



Others: Hightech-Yachtbau

Employees

10 up to 49

Turnover

n/a

Funding

n/a

About this organisation



| | |
|---------------------------|---|
| Main areas covered | Sailing and motor yachts made of carbon fibre, Components for mega yachts |
| Infrastructure | 3 five-axis milling machines up to 34x8.5x4 m, Tempering ovens up to 30x7x4.5 m up to 100°C, CAD software |
| Certifications | ISO 9001, GL operating licence |
| Keywords | |
| Memberships | |

Overview of lightweighting expertise

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| | Research | Development | Manufacturing & Supply |
|---|----------|-------------|---------------------------|
| Offer | | | |
| Products | | | ✓ |
| Others: null | | | |
| Services & consulting | | | |
| Field of technology | | | |
| Design & layout | | | |
| Functional integration | | | |
| Measuring and testing technology | | | |
| Modelling and simulation | | | |
| Plant construction & factory automation | | | |
| Recycling technologies | | | |

Overview of lightweighting expertise

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