

RESEARCH | DESIGN | MANUFACTURING

*S*olution in Composites



STÜKERJÜRGEN AEROSPACE COMPOSITES GMBH & CO. KG



Stükerjürgen Aerospace Composites GmbH & Co. KG



automotive

marine

industrial solutions

Our 30 years of experience in the aviation industry makes us a reliable partner to work with.

We accompany you throughout the whole production process; from the idea

to the development to the final product. Our modern machineries and our in-house paint shop allow us to offer a flexible and individual solution, whether for prototypes or small series.

Stükerjürgen Aerospace Composites GmbH & Co. KG

President:	Ferdinand Stükerjürgen / Frank Stükerjürgen
Employees:	app. 75
Quality Assurance:	audited acc. to ISO 9001 / EN 9100
Thermoplastics and Thermosetting plastics for:	aircraft interiors (cabin/cockpit), industrial appliances, construction industry, agricultural industry, sewer relining and marine
Tooling Facilities:	in-house injection-moulding, plastic-extrusion, exjection, vacuum forming, silicone extrusion/injection
Prototypes and DMRC:	construction and manufacturing of prototypes
File Formats:	iges, dxf, dwg, stl, vda, step, catiaV4, catiaV5, unigraphics and rhinoceros



Exclusive and individual – out of composites!



We produce high value and unique parts out of GRP/CRP for mega yachts and sail yachts, under consideration of your design requirements.

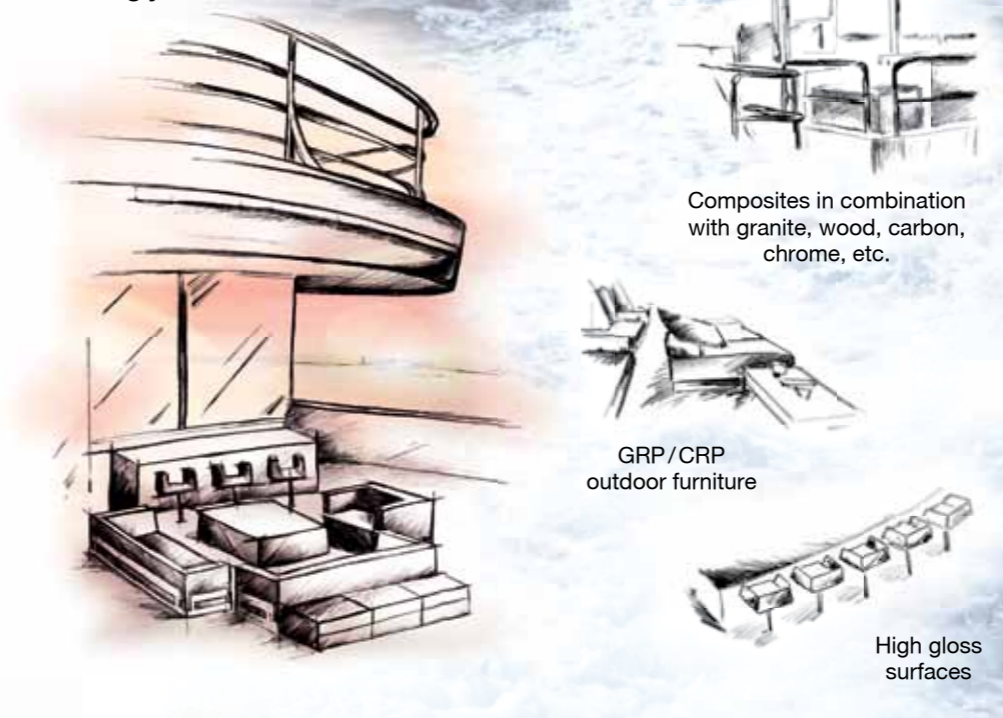
With our high standards in perfection and our gained experience in handling innovative materials, our team of experts manufactures exclusive light-weighted covering elements and furniture for yachts.

We take over the complete project package including the evaluation of the deck disposal geometry in order to assure that the finished parts fit accordingly.

Our experience gives us the possibility, during the development phase, to find the suitable fixing elements in accordance with the required application.

Our in-house paint shop with our experienced painters gives us the possibility to create surfaces following your specifications e.g. high gloss.

SAC team is familiar with well-known superstructure lacquers – from the grinding process to the surface finishing.



Composites in combination with granite, wood, carbon, chrome, etc.

GRP/CRP outdoor furniture

High gloss surfaces

Special performance for special vehicles



We manufacture custom-made products for railway or rescue vehicles and various agricultural machine vehicles out of GRP/CRP which forms an ideal base to produce stable, robust and long-living parts.

Thermoforming is a further manufacturing method by which we can produce economic parts.

Whether prototypes or small series, from the construction of the parts to the tool manufacturing, we can offer you all from one source.

In our in-house paint spraying shop your parts specifications can be lacquered afterwards.

Sporty, elegant – carbon processed!



Carbon finishing is the economical alternative solution to full carbon.

Carbon fibre is renowned in most of its field of applications for its high stability and strength. The optic as well as the unique depth effect make this material remarkable.

Our clients constantly confront us with tasks to process one single piece which is not frequent to be seen.



In order to offer our customers an economical solution, we gave ourselves as assignment to process interior & exterior individual parts with a 245 g/m² woven roving. If desired, we can also refine your parts with other fabrics, coloured carbon or leather.

Fused Deposition Modeling (FDM)



Manufacturing process from the Rapid Prototyping area, with which a work piece is assembled, via the process of the melting from plastic material

Material: ABS, PEI, PC

No tool costs

Fast processing time from the 3D data to the end product

Nearly every geometric shape can be produced

Possible weight optimization

Possibility to improve wall thicknesses

Accuracy of repetition and adaptation

Honeycomb – components with inner honeycomb structure, to spare weight and still attain a high load-bearing capacity and stability

Surface can be lacquered/refined

Parts can be lacquered high gloss or covered with: carbon, film with a wooden, granite, marble, or many other optics

Parts can be finished with various facings

Very appropriate for sample parts, prototypes, visual objects and also as a prefabricated component or small series

We find the solution

Whether it is for tool manufacturing, device construction, architecture models, solutions for machinery construction, development of prototypes or sample designs, we find through the interaction of our experienced team, our ultra

modern machineries and our variety of high quality plastics, the optimal solution for your application. Industry without plastics and its numerous ideal characteristics is nowadays not imaginable.

Our advantage is our multiple production possibilities which can be combined

GRP/CRP processing

5 axes CNC milling machinery

FDM (Fused Deposition Modeling)

Tooling Facilities

Vacuum Forming

Surface finishing e.g. painting, carbon coating, chroming, etc.



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