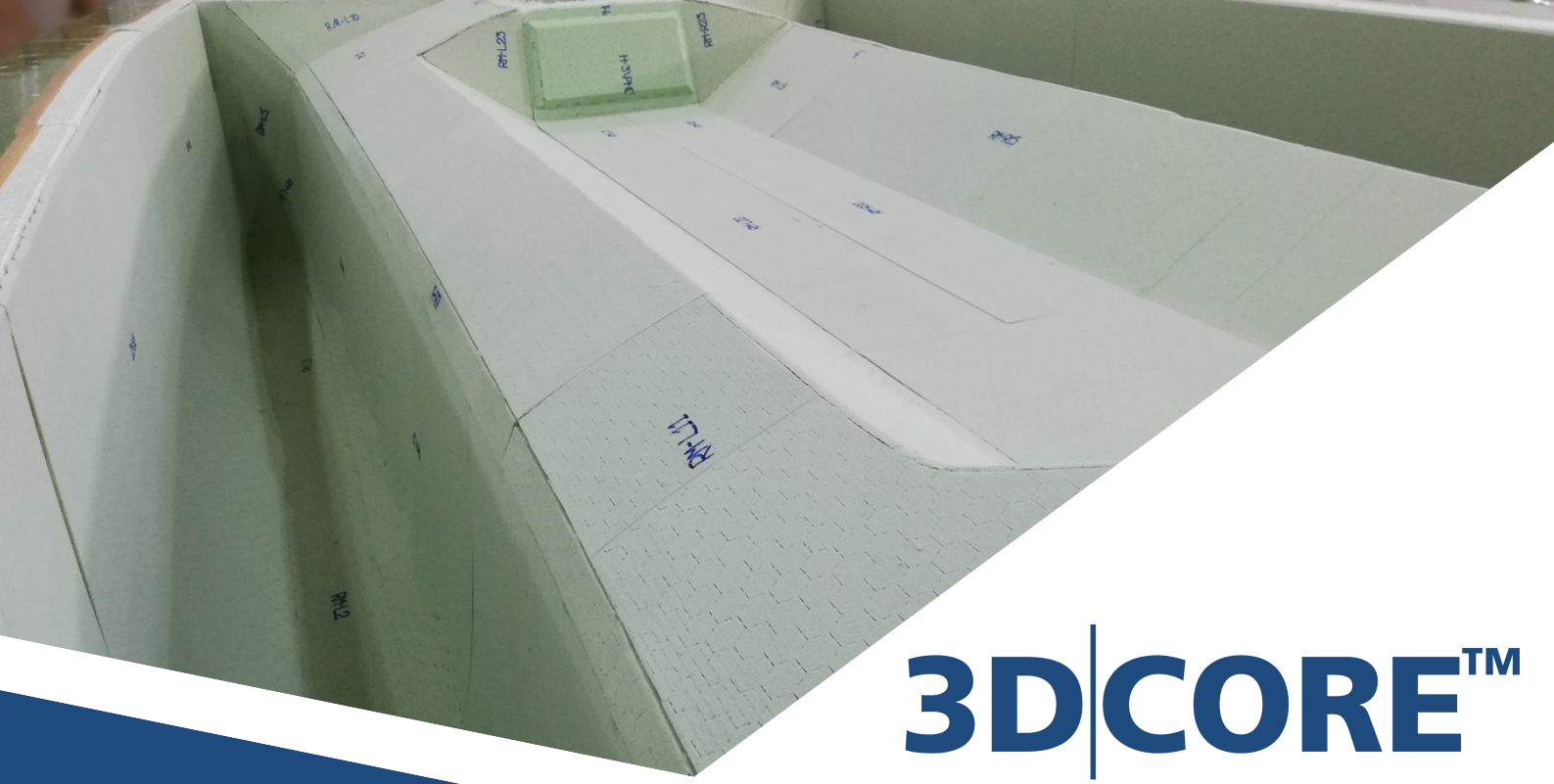

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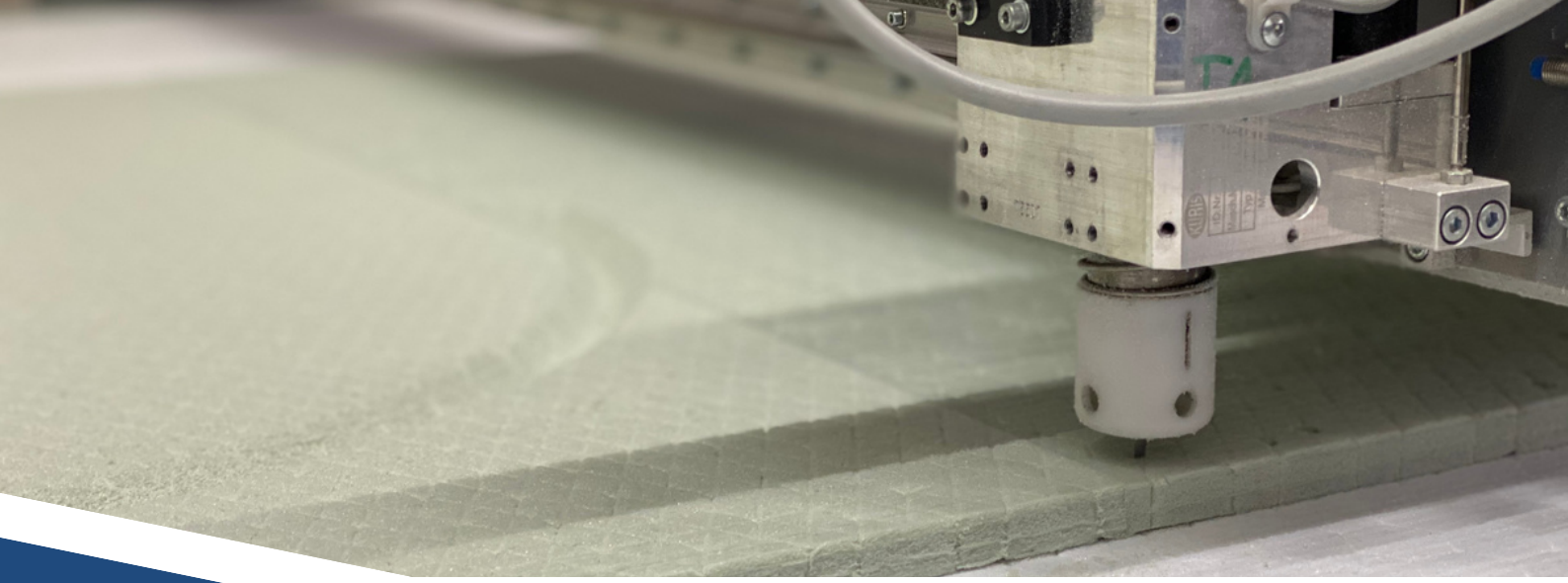
FIX-IN-PLACE™ ASSEMBLY KITS



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Fix-in-place™ ASSEMBLY KITS

With our optimized and customized assembly kits, you can design your production efficiently, economically and sustainably. Your fix-in-place™ ASSEMBLY KIT is created from your 2D or 3D drawing. To ensure the fastest possible component production, the quick assembly kits consist of both cut-to-size core material as well as scrim and fabric cuttings.

ONE-STOP SOLUTION

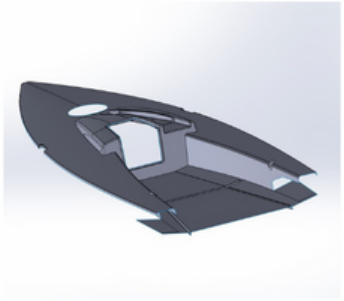
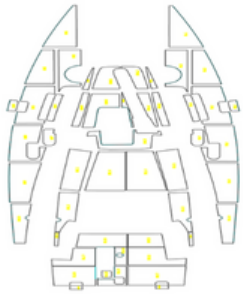
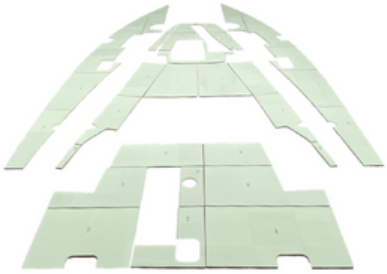
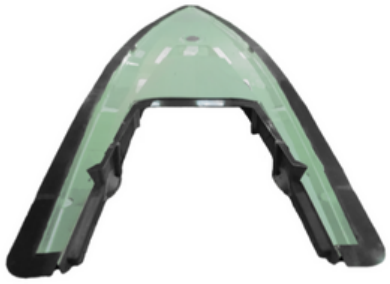
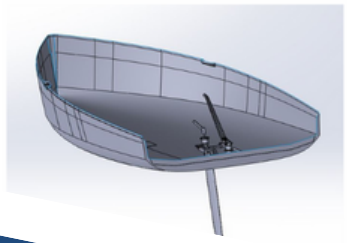
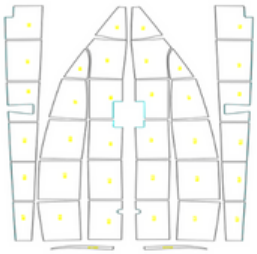
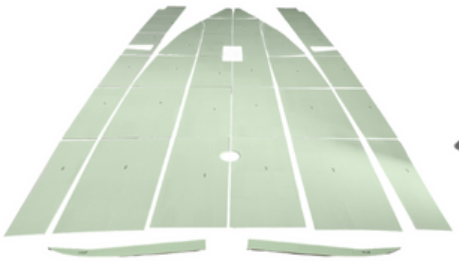
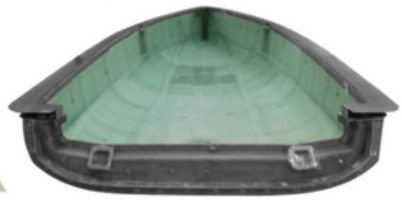
From your idea, the drawing and 3D planning, through the design and construction to the finished ASSEMBLY KIT and process integration on site.

YOUR PROFIT

With fix-in-place™ ASSEMBLY KITS you have the possibility to produce project-specific prototypes and series components quickly and easily. We are happy to support you in the calculations and design of simple and complex components, as well as in examining the technical feasibility.

Thanks to the patented 3D|CORE™ structure in the foam, you receive a product with an already integrated flow aid and excellent technical properties.

We are also happy to optimize your existing kit.

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THE PROCESS

Our fix-in-place™ ASSEMBLY KITS are not "off the peg"! Our knowledge is based on our many years of experience and expertise in the production of composite components for a wide range of applications.

CUSTOMER INQUIRY

- 3D drawing incl. desired thickness and core properties
- Checking of the drawing
- Optimizations, if necessary

KICK-OFF MEETING

Determination of:

- Number of cuts and components
- Costs
- Final weight
- Delivery rhythm, quantity and packaging
- Duration of the production process

ENGINEERING

- Flattening process (from 3D to 2D)
- Calculations
- Checking the geometry of the cuts
- Optimization for effective material use (nesting)
- Generation of cutting files
- Generation of a numbered insertion plan for easy application

PROTOTYPE PRODUCTION

- Production of the required 3D|CORE™ material
- Production of a fix-in-place™ ASSEMBLY KIT prototype to minimize corrections to subsequent kits

SERIES PRODUCTION

After approval of the prototype and any corrections:

- Production of the required 3D|CORE™ material
- Production of the fix-in-place™ ASSEMBLY KITS, consisting of 3D|CORE™ foam core and textiles, in series production

LOGISTICS

- Optimized packaging for particularly sustainable and safe transport

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SIGNIFICANT BENEFITS
FIX-IN-PLACE™ ASSEMBLY KITS

All available from one source:

- Cut foam core & cut fibres
- High time savings from the idea to the finished component
- Competent partnership instead of classic supplier relationship

Fix-in-place™ technology:

- Easy insertion
- Labelled cuts
- Insertion plan included
- High time saving
- Dimensional accuracy

Maximum flexibility:

- Fewer cuts
- No intermediate vacuum
- No gluing in
- Optimized chamfers and radii

Cost savings:

- Low storage costs
- Lower labour costs
- Savings on auxiliary materials
- Lower freight costs
- Savings in energy costs

Sustainability:

- Optimum use of materials
- Reduced waste
- Significant energy savings during production
- Improved CO2 balance

WE WILL FIND THE PERFECT SOLUTION FOR YOU!

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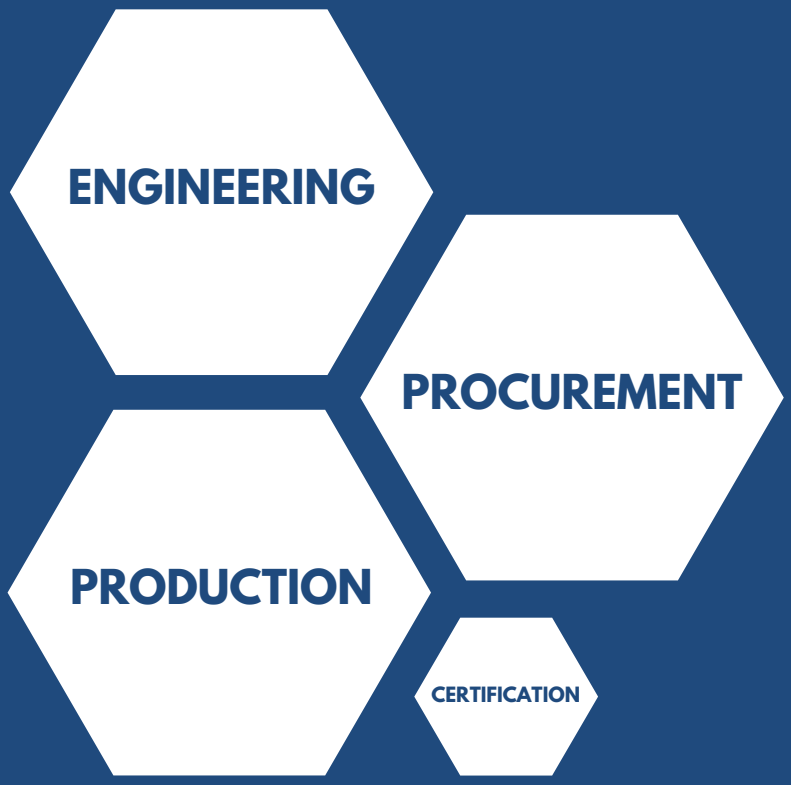

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