

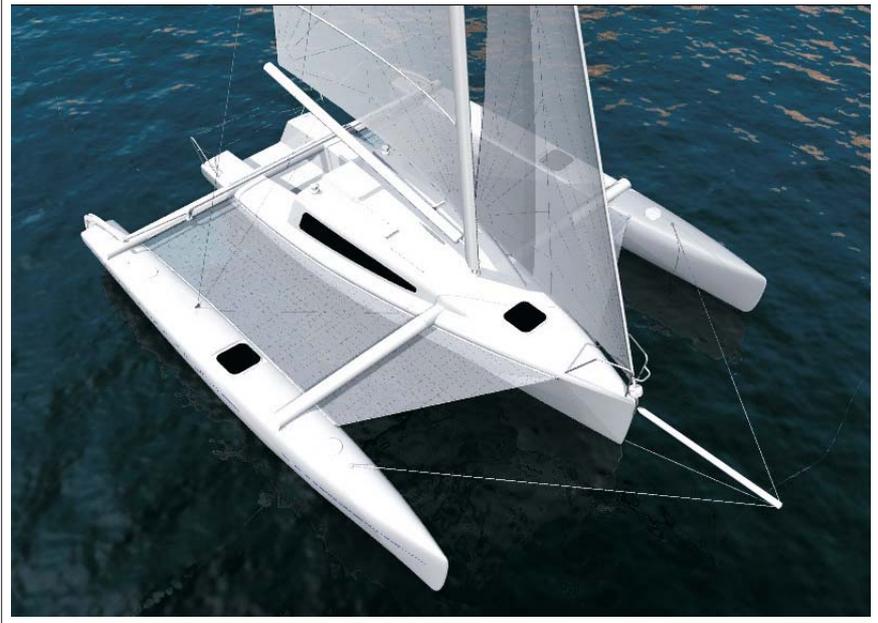


NORSK FLERSKROG SEILKLUBB

Seiling med større komfort og sikkerhet - blyfritt!

**INTERNATIONAL MULTIHULL
DESIGN COMPETITION 2002**

WINNER



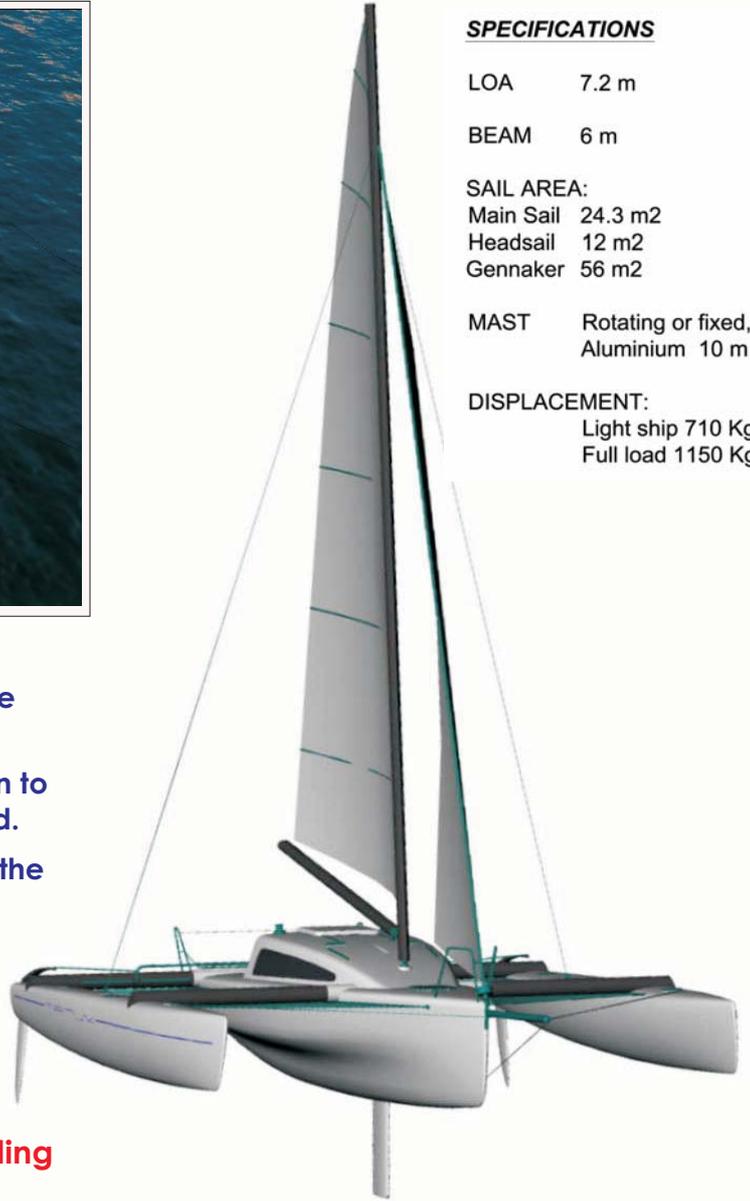
TRITILUM is a fast, exciting trimaran, able to satisfy the multihull "speed freaks" but also suitable to family outings and coastal cruising.

Tritium was selected, among 22 entries, the winner of the International Multihull Design Competition 2002, organised by the Norsk Flerskrog Seilklubb (Norwegian Multihull Association), for a sport/cruising boat, fast and economical to build.



SPECIFICATIONS

LOA	7.2 m
BEAM	6 m
SAIL AREA:	
Main Sail	24.3 m ²
Headsail	12 m ²
Gennaker	56 m ²
MAST	Rotating or fixed, Aluminium 10 m
DISPLACEMENT:	
	Light ship 710 Kg
	Full load 1150 Kg



Tritium is designed for amateur construction.

The hulls are in lightweight sandwich of PVC foam core and Glass-vinylester skins.

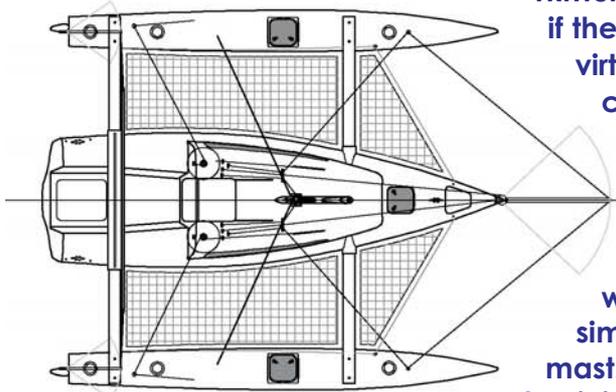
Throughout the construction process, attention is given to simplicity - high-tech building techniques are avoided.

A limited amount of Carbon fibre is employed only in the cross-beams, where its higher strength make it even economical.

The boat is not foldable to preserve simplicity of construction, but can be disassembled for wintering or transport.

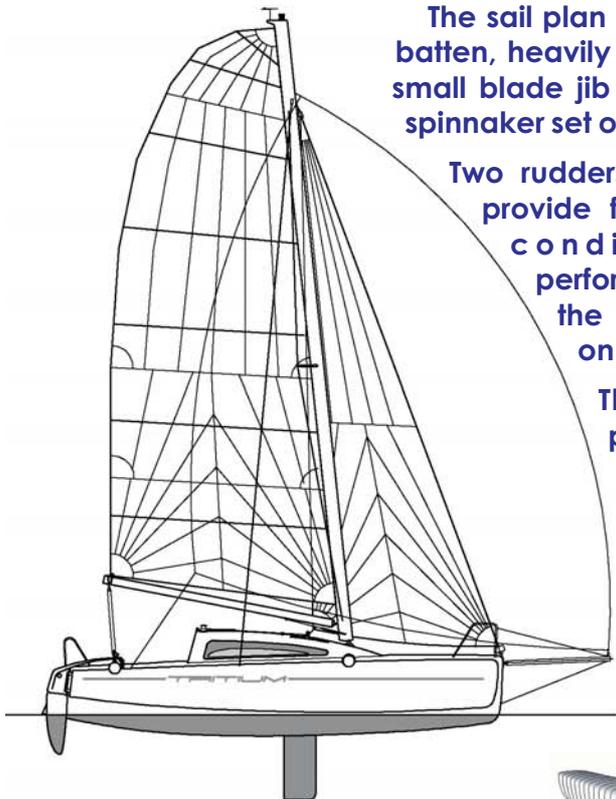
The complete set of construction drawings, with full-scale patterns of all framing panels, and building sequence instructions, is available for sale.

Please contact me for details.



TRITIUM is unsinkable even if the hull is damaged, by virtue of its sandwich construction and the additional reserve buoyancy foam.

The rig could be a sporty rotating wingmast or a simpler, traditional fixed mast. The spar material is aluminium for both versions.

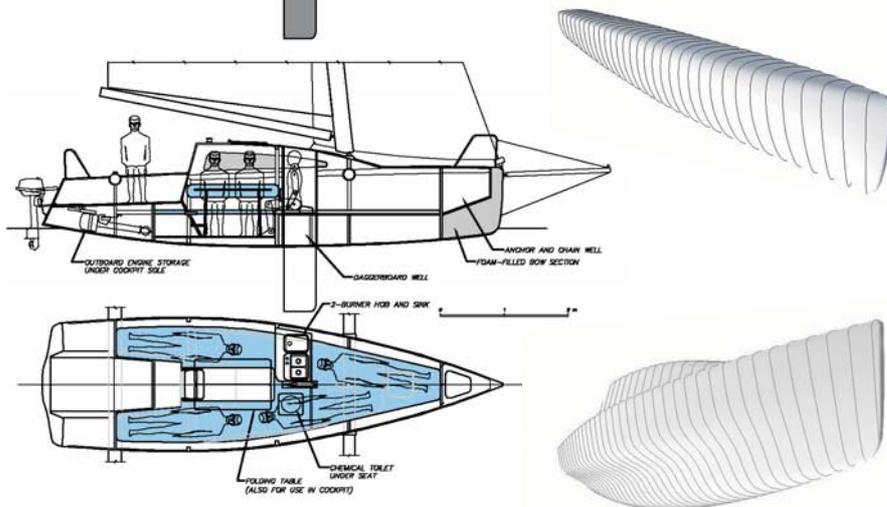


The sail plan includes a large full-batten, heavily roached mainsail, a small blade jib and an asymmetric spinnaker set on a canting bowsprit.

Two rudders on the side floats provide full control in every condition. Upwind performance is assured by the single daggerboard on the main hull.

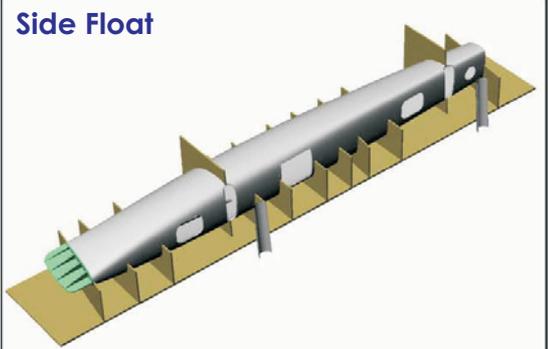
The simple interiors provide sleeping and sheltered seating for four crew.

A chemical toilet can be installed, as well as a cooking stove and sink.



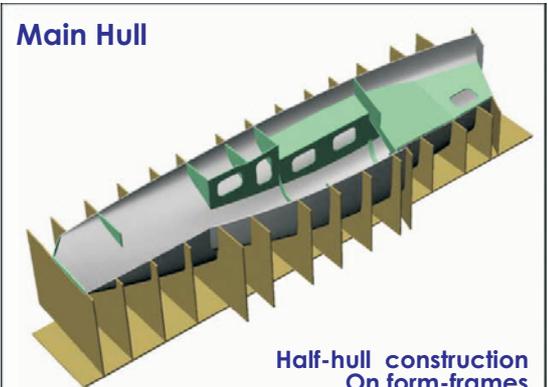
TRITIUM can be quickly disassembled

Below are some sample images from The building sequence instructions



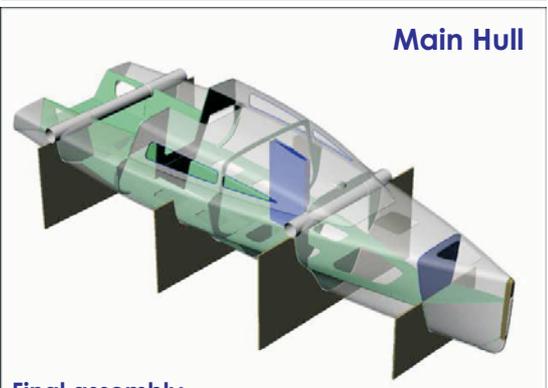
Side Float

Assembly of two half-floats



Main Hull

Half-hull construction On form-frames



Main Hull

Final assembly



Y A C H T D E S I G N

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