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**Premier Composite Technologies launches all-carbon yacht**

*The FARR 400, from Premier Composite Technologies, is a production sailing yacht that is built entirely of carbon fiber/epoxy composites.*

**News Item From:** [Composites World](#)

**Posted on:** 6/13/2011

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Premier Composite Technologies (PCT, Dubai, U.A.E.) has announced the launch of the FARR 400, a production sailboat that is built entirely carbon fiber/epoxy sandwich construction. PCT says the FARR 400 is one of the first carbon production sailboats in the world, along with the RC44.

PCT reports several features of the new yacht:

- All major geometry is created by precision 5-axis milling, which is usually only available for Grand Prix and America's Cup projects. This ensures that the highly optimized geometry of the hull, keel and rudder are carried through the production process and into the final design with consistently accurate tooling.
- Hull, deck and interior structure are fabricated with vacuum infusion technology to ensure high fiber volume ratios and reduce weight variation.
- Weight is strictly controlled using a SP-High Modulus (Isle of Wight, U.K.) Smartpac design. Smartpac is a 3-D designed fiber and core package tailor-made for the FARR 400. This design ensures that every boat has exactly the same amount of materials to guarantee optimized construction and one-design uniformity.
- Composite stanchions, pushpit, and pulpit minimize weight. An aerofoil section pushpit reduces windage and creates improved aesthetics.

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FARR 400

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