

Latest news from one of the world's leading mast builders

Welcome to Formula Marine at METS 2010

It's been a whirlwind year for Formula with a number of high profile yachts being rigged by us and some industry-leading technology developed by our designers and engineers in Holland and France.

There has been a major step forward for Turkish yards with orders for a number of 40 m + sailing superyachts which we have been delighted to be associated with.

Having been asked by customers to provide more than just spars, we have now officially expanded our service to include the complete turn-key rig package from mast, deck gear running and standing rigging to sails and sail trialling.

Our carbon racing division is supplying some amazing products; see over for the 14 kg boom we have on display at METS.

Our capabilities are now exceptional and our meticulous attention to detail, for which Formula is renowned, continues to place us head and shoulders above the rest.

Contact us

Formula Marine Netherlands

t +31 527 29 1989

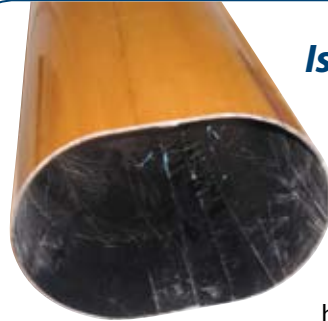
e info.blokzijl@formula-marine.com

Formula Marine France

t +33 467 29 2512

e info.montpellier@formula-marine.com

www.formula-marine.com



Is it wood? is it carbon? It's both! – another Formula First!

We are currently working on an unusual order for carbon booms for the Turkish yacht builder, DSV. The yard is building a 67 m, 3-masted schooner which will be a classic design with

high-tech equipment. The project has allowed us to display our development skills at their best by combining

cutting edge carbon technology with traditional wood.

The booms for the yacht are being constructed with a carbon core and an exterior surface of wood which has been laminated to the carbon during cure, providing a completely integrated structure. The final appearance will be of a stunning, polished solid wood boom, while being super-lightweight and exceptionally strong. This is the first such combination of modern and traditional and we are delighted that it has been Formula who once again lead the way in a new approach to spar building.



Stop Press

- Formula has developed a PLC pro-logic controlled, 220 volt inboom furling system with our F² partner, Floatch. These have been recently fitted on a 46 m Perini ketch, *SY Klosters*.
- Message from the skipper of the recently-launched 42 m Ketch, *Roxane*. The yacht was built by Su Marine in Turkey and has a full Formula rig:
"All went well during our 800nm trip from La Ciotat to Itaka. Sailed under main and genoa in true wind 15 knots awa 60-80 for almost 200nm, clocking up to 13knts sog. Rig perfect, thanks to the team at Formula"

Latest news from one of the world's leading mast builders

Great News for Bigger Yachts

We are always working to design and build stronger and lighter rigs that provide the skipper with years of trouble-free sailing, and have the capability to withstand the toughest conditions the oceans can throw at them.

The demand for even larger sailing yachts has increased in recent years, and in response to this and to meet our high standards of performance and reliability, we



have extended our standard aluminum extrusion profile to offer up to 800 x 400 mm, which will provide exceptional inertia figures. These profiles will be available for 50 m plus yachts and at the moment

are offered for two 80 m three-masted schooners projects. The profiles offer the facility for our in-mast furling but also for our boom furling or traditional slab reefing.

A 14 kg Boom for a 40 Foot Yacht!

Our specialist carbon technicians based at Formula France near Montpellier have completed their first ultra-lightweight boom designed to compliment the Formula carbon rigs of the Ker 39 and Archambault 40 racing yachts.

This remarkable boom is based on technology that our team developed for America's Cup yachts. It pushes the boundaries of carbon construction as

it is more complicated to build than a standard carbon boom, but the weight saving benefits are huge. A standard carbon boom for one of these yachts would be around 23 kg while our Archambault boom weighs just 14 kg. A big benefit to mainsail control in light winds.



Following our work on the America's Cup boom, we decided to bring the benefits to regular race boats.

Considerable further development was carried out on the structure of the boom as the design we used for the AC yacht would have been too delicate for a club racing boat. The Formula boom uses a different monolithic architecture to provide a more robust structure that will not crush and will withstand the tough treatment it will receive from regular racing.

Did You Know?

- Formula will deliver the mast for the latest Discovery Yachts' 67
- We also build the rigs for the majority of new Oyster designs
- We built the rigs for a square rigged training yacht for the Indian Navy
- Formula has developed industry-leading technology for inboom furling on superyachts
- We are capable of providing the total sailing package, including spars, rigging, deck gear sails and complete installation
- Formula carbon technology stems from F1 motor sport experience
- Formula has 2 autoclaves at 40m and 30m for carbon curing.

