



# BARRACUDA YACHT DESIGN

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## YACHT DESIGNERS & NAVAL ARCHITECTS

[www.barracuda-yd.com](http://www.barracuda-yd.com)

## RO - 620

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Barracuda Yacht Design (BYD) are pleased to unveil the design for the new Ronautica RO 620 Custom Line, with the first hull due for completion autumn 2010.

Having designed Ronautica's range of four cruiser-racer yachts in the past, BYD were the natural choice to develop and unveil this spectacular 'flagship' design, which will be constructed at Ronautica's modern facility in Barcelona, for a European client.

Powered by a 100m<sup>2</sup> mainsail with the option of a self-tacking or overlapping jib, the RO 620 Custom Line personifies the 'cruiser-racer' concept, fulfilling both roles equally well.

Attributes such as an almost plumb bow, retractable bow-sprit, flush-fitting hatches, clean decks and quasi Americas Cup looking guard rails, point towards a purposeful looking yacht with serious intent.

Underneath the waterline the carbon sandwich hull could be described as a 'tuned down' racing hull, sporting a high-tensile steel keel with lead bulb the yacht will draw 3.30m. Steering will be linked to a high-aspect ratio carbon rudder with carbon stock.

A competitive crew will be well catered for in a large cockpit area, where there is plenty of forward looking space to access the winches – (size 77's for Genoa and 68 for mainsheet).

In between twin wheels, the mainsheet winch sits on a raised pedestal, doubling as a centre-consol for the yacht's various instruments and repeaters. Optional racing-style pedestal winches can be accommodated immediately behind the consol.

In cruising mode a platform 'terrace' area, immediately behind the wheels, serves as a great place for sunbathing and relaxing. Alternatively, in competitive mode, this 'after-guard' area will enable navigators and tacticians to call out the racing strategy.

The design for the accommodation will be comfortable but fairly minimalist. The intention has been to create an atmosphere that replicates the sharp looking feel and purposeful nature of the boat above deck.

Individual accommodation needs will be constrained only by bulkhead requirements and the position of certain major installations. Otherwise, the size, number and location of accommodation rooms and living space areas can be specified on a semi-custom basis by each owner.

### Características Técnicas / Technical Specification

Eslora Total / LOA	18.90m
Eslora Flotación / LWL	17.79m
Manga Máxima / B max	5.12m
Calado Máximo/ Draft	3.30m
Desplazamiento / Displacement	19.90Tm
Lastre / Ballast	7.0Tm
Superficie Vela Ceñida / Up Wind Sail area	188.1m2
Superficie Mayor / Main Sail	100.0m2
Superficie Gennaker / Gennaker	376.4m2
Superficie Génova / Genoa	88.1m2
Motor / Engine	100-120Hp
Agua / Water Capacity	650Lts
Gasoil / Fuel Capacity	600Lts

































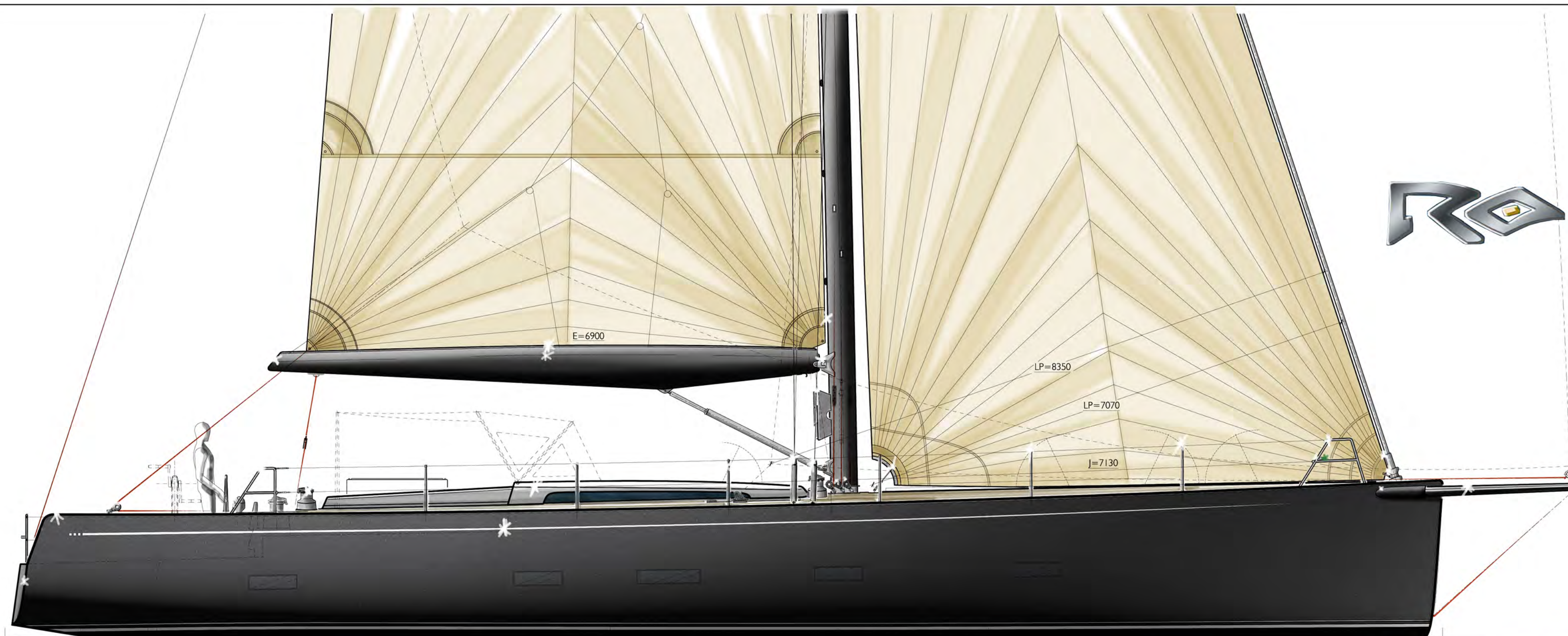












PERFIL EXTERIOR

1.95 x 1.65 m

2.20 x 1.37 m

2.650 m

1.95 x 1.65 m

PLANO DE CUBIERTA

**PLANO DE INTERIOR**

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