



RC44 Hong Kong

Reference ID: 37

Displacement (Kg):

Builder / Designer: RC

Beam (mtr): 2.75

Model: 44

Draft (mtr):

: Russell Coutts /Andrej Justin

Displacement (Kg):

Year: 2006

Material: Carbon

Location: Hong Kong

Engine:

Disclaimer

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Description

Specification RC 44

The RC44 is a light displacement, high performance one-design racing yacht. Co-designed by five-time America's Cup winner Russell Coutts with naval architect Andrej Justin, the boats are strictly identical in terms of construction, shape of hull, appendages and weight/weight distribution, as well as a 50-50 split between amateurs and professionals in each eight-person crew.

Easy Transport Concept

The specially designed canting trailer, easy detachable stern scoop and simple keel to hull attachment with a conical joint/coupling makes the boat very easy to transport and store.

The mast is also built in two structural parts making the boat easy to transport on the road with oversize restrictions.

General

RC44

Designer Russell Coutts /Andrej Justin

Yard Payer Carbon

Class RC44

Construction

Hull, deck and stern scoop are built in sandwich construction of epoxy resin and exclusively carbon unidirectional and biaxial fabrics, while the twill carbon woven rowing is used to give a smooth and clear, carbon look finish on all external surfaces. The core material is 5-20mm and 75 to 200 k

The internal structure is a double cross frame designed to take all the keel, mast and shroud minimizing the hull and deck stress and deformation. It is built of epoxy resin and exclusively unidirectional and biaxial fabrics, while the twill carbon woven rowing is again used to provide a smooth finish on all visible surfaces.

Female moulds for the hull, deck liner and spoiler are built to extremely high standards to guarantee minimal building tolerances. All composite parts are built according to SPSystem specification, vacuum bagged and postcured in an oven.

- Rudder and keel prepreg carbon
- Keel bulb lead with epoxy finish
- Steering system Jefa

Structural design

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The hull, deck, structural liner, keel, rudder and rig were calculated and structurally optimised Nastran software for the FEM analysis.

Sail dimensions

Mainsail area 70 ?
G1 Jib sail area 60 ?
G3 Jib sail area 39 ?
Asymmetric area 170 ?

REFIT 2016/2017

- 1) ALL New PBO Standing Rigging and Nitronic 50 Rod Forestay
- 2) ALL New Running Rigging
- 3) NEW engine and sail drive
- 4) New anti-slip on deck
- 5) New UV coat on deck / hull / Mast
- 6) New delivery / training Dacron sails
- 7) New GPS antenna / rebuilt electronics
- 8) New Automatic Bidge System
- 9) Fully serviced winches and pedestal

Rigging

- Mast Riba composites prepreg Carbon
- Boom prepreg carbon
- Vang
- Backstay
- Forestay hydraulic ram Navtec
- Cunningham
- Trim Tab
- Outhaul
- Spinnaker retriever
- PBO rigging

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- Removable hydraulic mast jack Enerpac

Running rigging

- 1 set of sheets
- 1 set of halyards
- 1 set of deck ropes
- 1 set of winch handles

Sails

Mainsails

- M1 2006
- M2 - 52- 2007
- M3 -53- 2007
- M4-201- 2008

Genoa #1

- 1a -10- 2006
- 1b-49- 2006
- 1c-54- 2007
- 1d -199- 2008

Genoa #2

- 2a 2006
- 2b -50- 2006
- 2x -200- 2007

Genoa #3

- 3a -2006
- 3b- 51- 2007
- 3c -202- 2008

Gennaker (A1/A3)

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- A1 white 2006
- A1 white -13-2006
- A1 blue -56- 2007
- A1 blue -203- 2008

Gennaker A2

- A2 white 2006
- A2 white -15-2006
- A2 blue -55 -2007
- A2 blue-198- 2008

Deck and Cockpit

Deck hardware Harken/Spinlock

- Winch handle
- Twin steering wheels carbon Riba
- Pedestal driven primary and mainsheet winches
- Recessed jib tracks and winches
- Ergonomic sidedecks and steering position
- Customized top quality deck hardware
- Non skid treated walk upon areas
- Custom carbon toe rail is fitted from bow to mast
- Halyard: 2x B40.2 STA - Primary: 2x B530 TCR UD pedestal driven - Main: 1x B55.3STR pedestal driven (Harken)
- Jib system: midrange (4:1 car purchase) - Main system: bigboat (2:1 mainsheet, 4:1 car purchase)
- Foredeck hatch AC style shaped, the carbon cover has fast release fittings
- Cockpit engine drive inspection hatch fitted with a carbon cover with fast release fittings.
- Black magic block
- Lewmar low profile hatch on cockpit floor for access above the steering system

Electrics

- 12V 55 amp gel battery
- Electric control panel
- Main switch

Safety

- Hand bilge pump
- 2 x electric bilge pump
- Emergency tiller Jefa

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Electronics and Navigational Gear

- Hercules Race base pack
- Hercules 20/20 display
- Vertical wind sensor
- Depth sensor
- Compass sensor
- Heel sensor
- Rudder angle and trim tab angle sensor
- VHF Icom hand set
- VHF Icom ICM 501 with remote control

Additional

- Repair box
- Tool box
- Bucket and sponges
- Spare parts
- Rig parts
- Dock boxes with equipment
- Boat cover

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Viewing Arrangements

Due to the corona crisis and the varying locations of our yachts, we offer viewings of yachts for sale anywhere in the world from the comfort of your own home. From live walk-throughs using tools such as WhatsApp, Facetime or Zoom you can literally zoom in to every corner and check out every detail of the decklayout, interior configuration, rig and the engine room.

During these guided tours, together with one of our brokers there is the opportunity to ask our brokers all questions you have as when you make a real-life visit.

Together with our specifications, this package will give you a realistic impression of the volume, layout and condition of the yacht and equipment.

After an online guided tour together with the package of information at hand, you can decide if you like to see the yacht, or wish to send a surveyor to check the yacht. We hope to see you soon online or in real life for a visit on the yacht of your dreams.

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