



Ker 46+

Reference ID: 184

Displacement (Kg): 5500

Builder / Designer: McConaghy Boats

Beam (mtr): 4.40

Model: Ker 46+

Draft (mtr): 3.3

Designer: Jason Ker

Displacement (Kg): 5500

Year:

Material: Carbon

Location:

Engine: Yanmar SD

Description

Builder McConaghy Boats
Naval Architects Ker Yacht Design
ISO Structural CAT.A
ISO OSR CAT.1

Sail Plan

P 18.75m
E 6.22m
J 5.41m

Construction

Full prepreg carbon construction with vacuum consolidated carbon/epoxy/foam sandwich throughout with unidirectional fibre reinforcement.

Steering

- Autoclaved prepreg carbon rudder stock
- Corecell foam cored carbon skin rudder blade
- Autoclaved Carbon Fibre Tiller and Spinlock Tiller Extension(wheel steering option)
- JP3 Upper and Lower self aligning rudder bearings
- McConaghy Carbon Fibre Twin Steering Wheels System

Keel and bulb

- CNC milled Steel fin keel with composite fairings
- Lead T-Bulb
- Stiffness optimised all carbon keel structure
- Fin and bulb are delivered faired and undercoated

Plumbing

- Freshwater hand pump at galley sink
- Lightweight heads
- 2 x Manual Bilge pumps
- 2 x 50L Freshwater Bladders

Rigging

The rig aspect ratio is reduced compared to the previous 46, partly due to better sail depowering behaviour, reduced rig weight and better treatment by ORCi's aero model. The bowsprit length has increased significantly and the bowsprit design has been optimised for weight, stiffness, wind-age and reliability of installation.

- Autoclaved carbon fibre bowsprit

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- Bobstay Nitronic

Running Rigging

- 1 x 2:1 Mainsail Halyard
- 1 x Fractional Jib Halyard
- 1 x Fractional Spinnaker/Jib Halyard
- 2 x Masthead Spinnaker Halyards
- 1 x Mainsheet
- 2 x Spinnaker Sheets
- 2 x Jib Sheets
- Main Cunningham with purchase
- Outhaul purchase
- 2 x Reef lines
- Vang Purchase
- Jib Car inhaul adjuster with purchase
- Jib lead up/down with purchase
- 2 x Spinnaker Tack Lines
- 1 x Bobstay

Accommodations

- Under cockpit navigation station and seat
- Sink and twin burner stove
- Enclosed head
- 8 x pipe cots
- Engine box with integrated steps
- Lightweight racing painted finish in white satin for living areas, other areas lightweight peel ply finish.

Deck and Cockpit

The 'coachroof' shape of the previous Ker 46 is retained, with its optimal jib sheeting arrangement on the apex of a long coachroof, however the jib tracks have been extended inboard to allow tighter sheeting angles. This arrangement allows for a more practical interior space for venturing offshore than the fully 'flat deck' arrangement that has become fashionable for inshore racing, but does so while actually saving weight through the incorporation of natural deck stiffeners

- 9 x Spinlock Clutches along with custom organizers
- Composite Aerofoil Stanchions, Pushpit & Pulpit
- Stainless Steel 1/19 wire lifelines
- 5 x Clear dinghy hatches in cockpit sides for rope stowage
- Sliding FWD hatch with inflatable seal
- String drop system lead to primary winch
- McConaghy carbon winch handle pockets
- Foredeck toe rails to ORC Standard
- String drop system

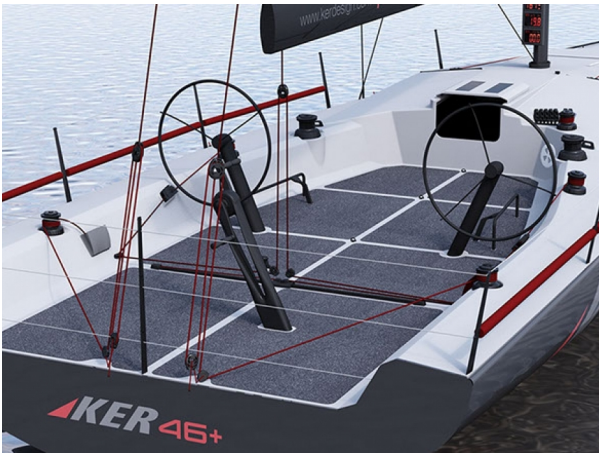
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Harken Deck Gear Package

- 2 x Driven Primary Winches Harken 65.3 STR UD
- 1 x Harken MX Pedestal mounted AFT of traveler
- 1 x Pit Winches Harken 50.2 STP
- 2 x Main Sheet Winches Harken 50.2 STP
- 2 x Backstay Winches Harken 46.2 STP
- Harken 'Pro-Trim' Traveler system

Electrics

- Red/white cabin lighting in saloon, galley, heads and navigation areas
- 12 volt DC switch panel Battery isolator/selection switch
- 2 x House Batteries
- 1 x Engine Battery
- Navigation Lights mounted on pulpit and pushpit



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