

outremer

4X | SPECIFICATIONS



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Architects	Barreau/Neuman
Design consultant	Patrick Le Quément
Interior design	Darnet Design
Length	48 ft
Beam	23,3 ft
Draught	3,3/6,6 ft
Bridgedeck clearance	3,0 ft
Air draught (without antenna)	66,9 ft
Displacement	8,2/11,1 t
Sail plan	
Mainsail	69 m ²
Genoa	55 m ²
Gennaker	115 m ² (option)
Spinnaker	150 m ² (option)
EC approval	8/16 p
Engines	2 x 30 cv



LAYOUT

SALOON

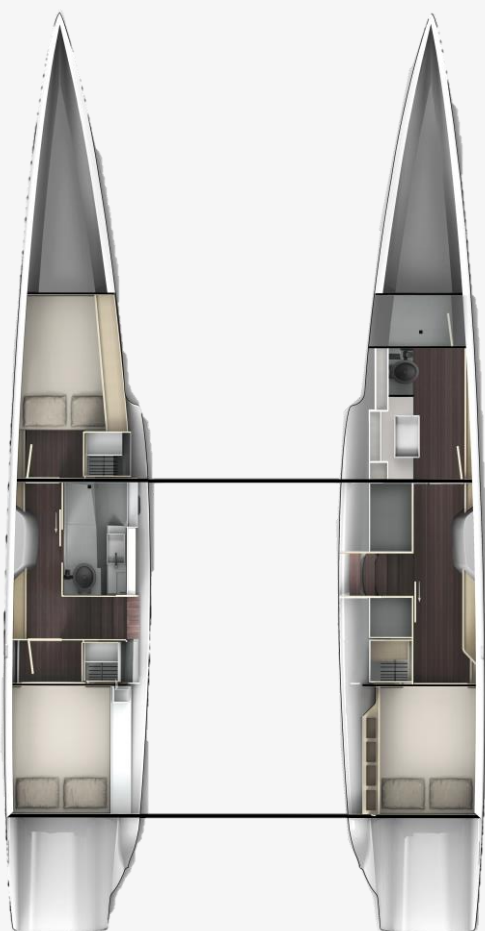
- Panoramic window opening
- L-shaped seating
- Possibility to use the seating as night watch
- Removable table
- Wide accessible storage lockers beneath the seating
- 2 opening hatches up forward for ventilation
- 1 opening hatch on the coachroof in the port side of the galley
- Headroom: 2,00 m (6,6 ft)

GALLEY

- Stainless steel sink
- Laminate working surface
- 2-burner stove
- Fitted oven with grill
- Pressurized hot and cold fresh water
- 12V 130L water-cooled refrigerator, front opening.
- 1 opening hatch on the coachroof above the stove for ventilation
- Dedicated storage
- Headroom: 1,90m (6,2 ft)
- 4 x 220V outlets (or 110V)

NAVIGATION STATION

- Large chart table with an opening for a laptop computer
- Electric multifunction control panel (multiplex system)
- Panel for navigation electronics
- White/red reading light
- 2 x 220V outlets (or 110V) and 1 x 12V socket
- Rotating chair



3 CABIN VERSION

STARBOARD HULL

COMPANIONWAY

Wardrobe, storage
Opening deck hatch with integrated blackout curtain and mosquito net

AFT CABIN

Longitudinal berth 195cm x 164cm (6,4 x 5,4 ft) and HR mattress
Large fixed rectangular portlight on the outboard side of the hull
Opening deck hatch with integrated blackout curtain and mosquito net
Portlight opening onto the scooped stern
Wardrobe, shelves & storage below the berth
2 LED reading lights at the head of the berth

BATHROOM

Sink basin with mixer tap
Manual sea toilet
Shower
Large fixed rectangular portlight on the outboard side of the hull
Opening hatch to the inboard hull side
Opening deck hatch with integrated blackout curtain and mosquito net

FORWARD SAIL LOCKER

Opening deck hatch
LED lighting
Ladder

PORTSIDE HULL

COMPANIONWAY

Fixed portlight on the outboard side of the hull
Opening deck hatch with integrated blackout curtain and mosquito net

AFT CABIN

Longitudinal berth 195cm x 164cm (6,4 x 5,4 ft) and HR mattress
Large fixed rectangular portlight on the outboard side of the hull
Opening deck hatch with integrated blackout curtain and mosquito net
Port light opening onto the scooped stern
Wardrobe, shelves & storage below the berth
2 LED reading lights at the head of the berth

BATHROOM

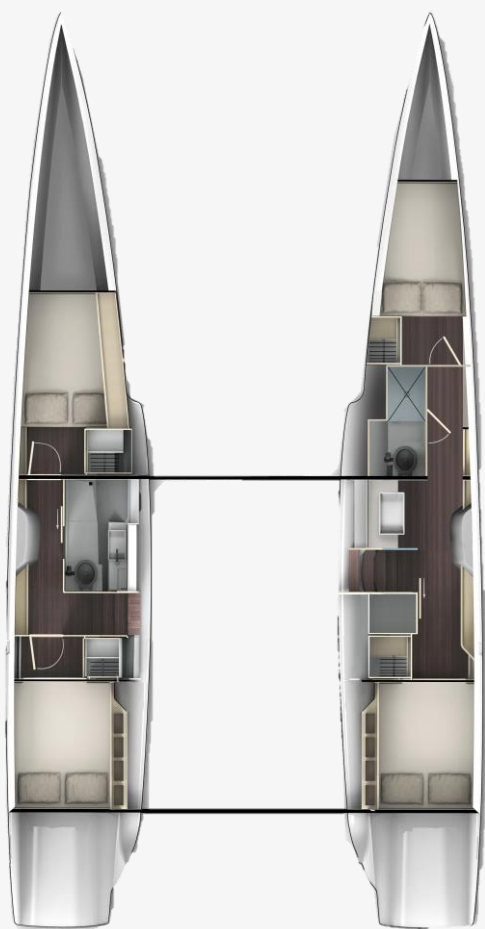
Sink basin with mixer tap
Manual sea toilet
Shower 64cm x 64cm (2,2 x 2,2 ft)
Opening portlight to the inboard hull side

FORWARD CABIN

Longitudinal berth 195cm x 164cm (6,4 x 5,4 ft) at the head and HR mattress
Large fixed rectangular portlight on the outboard side of the hull
Wardrobe, shelves, storage and large storage below the berth
Opening deck hatch with integrated blackout curtain and mosquito net
2 LED lights at the head of the bed

FORWARD SAIL LOCKER

Opening deck hatch
LED lighting
Ladder



4 CABIN VERSION

STARBOARD HULL

COMPANIONWAY

Sliding door separating the owner's hull from the saloon
Wardrobe, storage
Opening deck hatch with integrated blackout curtain and mosquito net
Sink basin with mixer tap

AFT CABIN

Longitudinal berth 195cm x 164cm (6,4 x 5,4 ft) and HR mattress
Large fixed rectangular portlight on the outboard side of the hull
Opening deck hatch with integrated blackout curtain and mosquito net
Portlight opening onto the scooped stern
Wardrobe, shelves & storage below the berth
2 LED reading lights at the head of the berth

BATHROOM

Manual sea toilet
Separate shower
Opening deck hatch

FORWARD CABIN

1 berth + wardrobe, shelves & generous storage below the berth
Opening hatch with integrated blackout curtain and mosquito net

FORWARD SAIL LOCKER

Opening deck hatch
LED lightning
Ladder

PORTSIDE HULL

Identical to the 3 cabin version

DECORATION & UPHOLSTERY

DARNET DESIGN CONCEPT

Full interior upholstery, mattresses, cushion covers, saloon, and cabins:
removable covers with high resilience foam
Floors in foam core sandwich
Side, lower and upper interior sections in synthetic hard-wearing veneering

DECK LAYOUT

DECK GEAR

- 1 winch at the mast for the halyards (except the mainsail) and the reefing lines
- 2 winchs at the helm for the mainsail halyard and sheet, genoa sheet and reefing lines
- 1 winch on the roof on starbord for the genoa sheet
- 2 winchs in the cockpit for gennaker sheets, daggerboards, furler, dinghy
- Mainsail track
- Quick-release clutches on deck and mast
- 8 mooring cleats
- Carbon longitudinal beam, integrating the bowsprit
- Trampolines
- Swimming ladder

RIGGING

- Rotating carbon mast painted black positioned on the coachroof: 1 single spreader
- Single-stand stay
- Kevlar topmast shrouds
- Aluminium boom painted black fitted with cam clutches for the reefing pennants and mast wand
- Wind vane
- Lazy bag and Lazy jack
- Genoa furler
- Gennaker rigging

COCKPIT

- L-shaped seating on port side + opposing bench seat on starboard side
- Cockpit table
- Bimini: central fixed companionway + Dralon extension on a carbon tubular removable structure
- 13 kg gas bottle arrangement
- Lockers
- Carbon davits

HELM STATIONS

- Carbon fiber wheel to portside
- Engine controls, steering compass, electronic navigation panel

TECHNICAL

SAILS

- Fully-battened mainsail with square top in high-tenacity Hydranet,
- 3 reefs
- Genoa in high-tenacity Hydranet, triradial cut on furler

ENGINES

- 2 x 30 hp sail drive engines
- 336 liters fuel tank
- Propeller
- LED lighting in engine rooms

WATER

- 407L Tank + 40L hot water tank (220V or 110V + engine exchanger)
- 2 blackwater tanks
- Shower in the scooped stern (hot/cold fresh water)

ELECTRICITY

- 2 x 115A alternators
- 1 x 220V/12V 25A charger
- Electric control panel. Multiplex system.
- Pack USB outlets + 12V outlet
- Battery monitor
- 2 x 12 V, 70 A/h engine starter batteries with bipolar battery isolating switches
- 2 x 180 A/h Lithium-ion service batteries with bipolar battery isolating switches
- 6 electric bilge pumps (2 per engine room + 1 per hull)
- 1 600 W vertical electric windlass
- Navigation lights (LED), masthead light, mooring light (LED) and decklight.
- Shore power outlet with differential circuit breaker and galvanic protection

STEERING SYSTEM

- 2 balanced rudders on self-aligning bearing
- Mechanical transmission with tillers + 2 ergonomic helming seats

SAFETY

- Crash boxes and watertight bulkheads
- 2 opening hull hatches for compliance and ventilation
- 60 cm high stainless steel stanchions, double row of guardrails (dynema)
- 2 jacklines
- 5 fire extinguishers
- Location for liferaft in the trampoline

CONSTRUCTION

HULLS

- Special NPG gelcoat
- Vinylester barrier coating on the external skin
- Manual lamination of the hull/deck bond
- Laminated bulkheads assembled with flanges on both sides
- Bulkheads in foam/carbon sandwich

DECK AND OTHER

- Composite daggerboard trunks
- Composite daggerboards
- Composite rudders on aluminum stocks