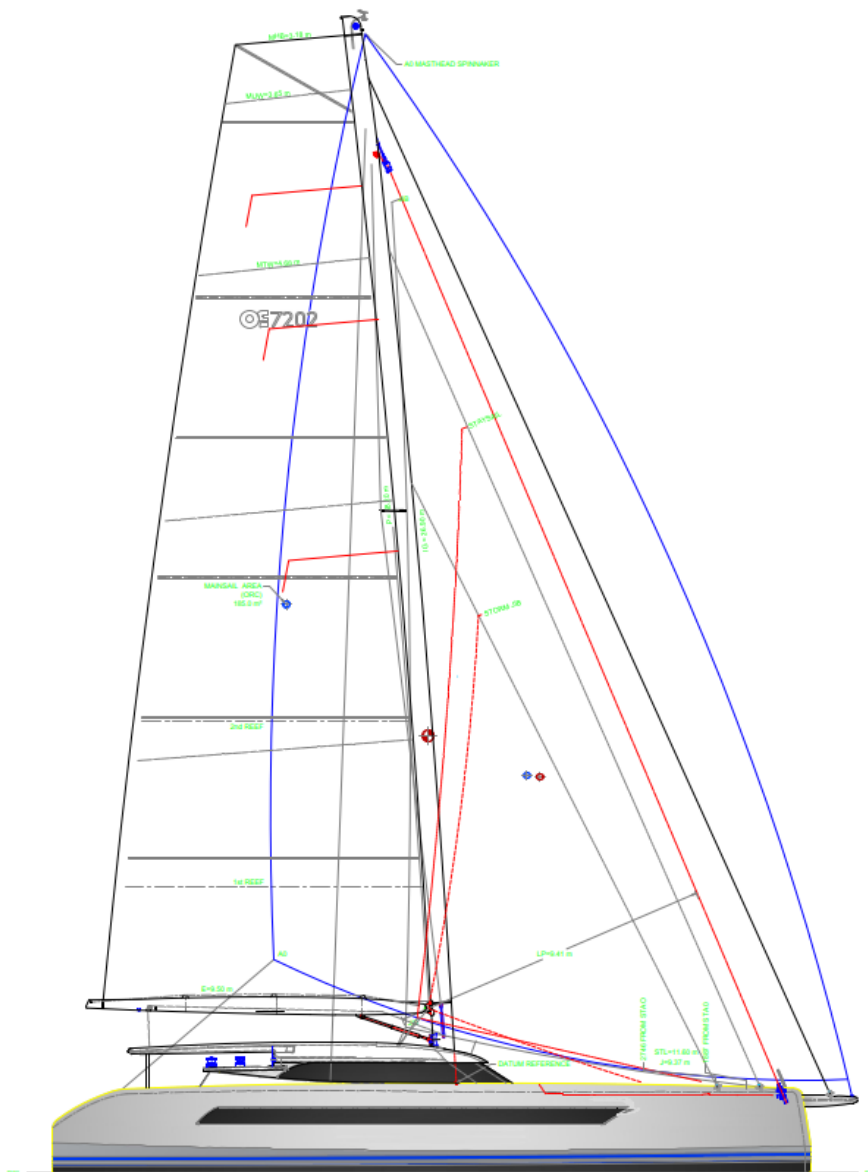


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Page 1 of 8

2025

OE72



Note: Sail plan and rig as high performance option

OQS Ocean Quality Systems
Alholmsvägen 62
68600 JAKOBSTAD, FINLAND

OE72 Specification and Base Price

SPECIFICATION

Length overall (LOA)	23,35 m	76.6 ft
Length at waterline (LWL)	21,96 m	72 ft
Beam	10,92 m	35.8 ft
Dagger board down	3,50 m	11.5 ft
Rudder draft	1,9 m	6.23 ft
Height of mast from water	32,6 m	107 ft
Main sail area	158 m ²	1700 ft ²
Jib sail area	134 m ²	1442 ft ²
Displacement Lightship	32 tons	72311 lbs
Engine	Yanmar diesel	
Propulsion	V-drive and Shaft	
Fuel capacity	1600 L	422 Gals
Water capacity	1400 L	195 Gals
Grey water	2 x 300 L	80 Gals
Black water	2 x 300 L	80 Gals
Heated water	2 x 75 L	2 x 19.8 Gal
Solar Energy area (option)	20,6 m ²	222 ft ²
Classification	CE-Ocean A	
Naval architect	Germán Frers	
Builder	Ocean Explorer by OQS	

HULL & DECK

Hull construction

- Epoxy + e-glass, foam core, vacuum infused in female molds
- Bulkheads and stringers carbon fiber pre preg laminated
- Daggerboard cassettes in carbon fiber
- Shroud chain plates made in carbon fiber integrated into the hull
- Each hull is divided into 3 watertight sections
- Crash box in bows for collision protection

Hull finish

- Hull, Awlgrip 9016 white standard paint color
- Hull stripe at waterline stripe in Awlgrip Flag blue
- Hull side stripe at windows Awlgrip Dark grey
- Antifouling option to be determined

Daggerboards, rudders & steering

- Straight carbon daggerboards
- Daggerboards hydraulic lifting system with indicators and backup system
- Rudders made in e-glass with a foam core, attached to stainless steel stocks
- A weed deflector forward of the rudder
- Mechanical steering system
- Carbon steering wheels
- Twin rudder, twin wheel sprocket with chain system and steel cables.

Deck & deckhouse roof

- Main deck, Carbon , vacuum infused
- Deckhouse framing structure made of carbon fiber
- Deckhouse roof, Epoxy + Carbon reinforced, vacuum infused
- Forward crossbeam carbon infused with integrated trampoline net track
- Longeron Carbon infused with integrated anchor system and trampoline net track
- Davits with hydraulic lifting, made in aluminum max weight 600kg.
- Windows laminated/tempered glass. Grey STL-42 film between the layers
- Awlcraft Matterhorn white standard non-skid deck paint

Deck Equipment

2 x Mainsheet winch Harken B990.3 (3) speed, self-tailing alu-electric, accessible at the helm station
2 x Trimming winch Harken B990.2 (2) speed, self-tailing alu-electric, accessible at the helm station
2 x Secondary trimming winch Harken B990.3 (3) speed, self-tailing alu-electric, Aft of the helm station on deck level
Deck hardware – according to deck plan.
Mainsheet system Harken hydraulic traveler
Boom support (vang) and traveler
Quick release system
Recessed hydraulic genoa furler by Reckmann
Tackline winch Harken ST80 (2) speed, self-tailing alu-electric
Removable helmsman chairs with backrest
Windlass Lofrans Falcon

Aft cockpit

Aft cockpit fixed furniture as base layout with L-Shape sofa port and starboard
Lockers and storage in aft coaming
Non-skid painted floor in aft cockpit area and steps
Drop-down windows between aft cockpit and saloon
Different options for aft coaming available, including sofa, barbeque etc.

Spars and Sails

Mast and boom carbon (Lorima)
White painted mast with one set of shrouds and diamonds
Bracket for radar antenna
White painted fishbone boom
Composite standing rigging

Sails and running rigging including sail handling not permanently attached to deck, owner supplied.

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INTERIOR

Wood veneer Oak
Light interior with foam core at appropriate areas
Carbon structures
Doors - Oak glued on a Divinycell core
Walls and roof surface panels with Silvertex material

Salon

Saloon
Kitchen island
Fridge 190 DR Inox - (2) Pull-Out Drawers
Gas stove, 4 burner and oven
Double stainless steel sink with Franke water tap
Hidden TV
Corean worktops in galley

HULL ARRANGEMENT

Hull accommodation in four cabin cruising version.
Option to up to 6 cabins.
Owners cabin, 2 guest cabins and crew cabin.

Owners cabin starboard aft

Large walk around Queen size bed with bedside tables
Double large hull windows
Storage outboard and inboard
Comfort seat inboard
Hanging and shelf lockers forward inboard
Large enclosed shower and head

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Crew cabin starboard fw

Double bed fw with bedside table
Storage under bed and inboard in cabin
Large hull window
Place for storage, washer drier, extra fridges and freezer aft in fw cabin
Large enclosed shower and head

Guest cabins port side

Double beds fw and aft with bedside tables
Storage under bed and outboard
Hanging lockers
Large enclosed showers and head

ENGINES

Yanmar diesel 110hp
Gori propellers
Auxiliary generator Fisher Panda 19 kw

HVAC

Through hull fittings & seacocks in engine spaces AISI 316 stainless, seawater resistant brass
Hull through fittings of composite
Bilge pumps Rule 24V in each watertight section
Toilets, 24V Tecma
Water tank approx (2) x 700L in each hull transfer between hulls with electrical pump
Hot water tanks
Black water tank
Overboard and deck discharge
Water outlets in galley, showers and heads
Deck hose in locker at mast area
Forced ventilation

ELECTRICAL SYSTEM

The main electrical system is based on 24V
Engines have separate start batteries in each engine room

Navigation equipment by Navico includes:

- B&G Zeus 3S 16" 2pcs one on each side at outside helm station
- B&G Zeus 3S 24" Glass helm, 1pcs at navigation desk
- B&G H5000 Autopilot Controller on both sides SB side and at inside navigation desk, with double autopilot units.
- B&G V100 VHF at port and STB helm + one at navigation desk spare outlet at aft pole
- SIMRAD NAIS500 B&G V3100 AIS
- Radar B&G Halo 24 4 G Located on first spreader
- B&G Hercules H5000 Hydra CPU with 3 B&G graphic display

Siemens PLC for monitoring and control

- Touch screen
- Tank monitoring
- Bilge pump monitoring
- Light control system for navigation lights
- Sailing functions on pedestal and automatic quick release system

Electrical outlets

- At chart table 230V
- Galley, salon and aft cockpit 230V
- Each cabin and each toilet 230V
- Engine room 230V
- Each cabin have reading lights at the head end of the beds. In the roof separate illumination lights.

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Page 8 of 8

2025

General

- Canvas protection for aft cockpit
- Sunbrella cushions for aft cockpit
- Covers for steering pedestals
- Carbon Gangway
- 8 pcs Maxistow inflatable fenders

SAFETY EQUIPMENT

Fire extinguishers 2kg located in each sleeping cabin and 6kg extinguisher in the deckhouse.

FirePro – Semi-automatic extinguisher system

2 rescue system containing 40 m floating rope

2 Liferafts six person

Safety equipment

- 1 EPIRB
- 12 inflatable life jackets
- 10 tethers with lifelines
- 2 horseshoes
- 2 life buoy light
- Flare pack
- First Aid Kit

SERVICES

Project Management through out the new build. The services from project management includes but is not limited to following.

- Progress reporting
- Quality reporting, scanning of critical areas
- Customer care, keeping the customer up to date on bi-weekly bases with decisions needed to be taken and critical items to be decided on
- Customer visits and meetings

Testing and sea-trials of the boat. When the boat is ready and launched OQS will together with the customer make all necessary tests for the boat according to agreed program. This program includes a minimum of 5 sea-trials of which one is overnight sea-trial in the archipelago of Finland. The boat is sail away ready as standard.

Build time from signing of contract

24 Months

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