

OE62



OceanExplorer 62 Specification

Length Overall	21.0m	68.1'
Length At Waterline	18.9m	62.0'
Beam	9.2m	29.8'
Draft Board Up	0.9m	3,0'
Draft Board Down	3.2m	10,6'
Height of Mast (DWL)	28.27m	92.9'
Main Sail Area	125.3m ²	1,349ft ²
Jib Sail Area	72.26m ²	778ft ²
Fuel Capacity	800L	237.75gal
Water Capacity	600L	158,5 gal
Hot water boiler tank	2 x 50L	13.2gal
Blackwater	400L	105,67gal
Grey water	2 x 150L	79,25gal
Cabins	4	
Heads with glass enclosed shower	4	
Watermaker	150L/h - Schenker	
Propulsion	Yanmar 2x80hp saildrive	
Generator	11 kW Fisher Panda	
CE Certification	Ocean - A	

HULL & DECK

Hull construction

Epoxy + e-glass, vacuum infused in female molds
Bulkheads and stringers, carbon fiber, pre-preg lamination
Centerboard cassettes in carbon fiber
Shroud chain plates made in carbon fiber integrated into the hull
Each hull is divided into 3 watertight sections
Crashbox in bows for collision protection Hull, Awlgrip 9016 white
Deck, Awlcraft 9016 white

Deck & deckhouse roof

Main deck, Epoxy + e-glass, Carbon reinforced, vacuum infused Deckhouse framing structure made of Carbon
Deckhouse roof, Epoxy + e-glass, Carbon reinforced, vacuum infused Forward crossbeam carbon infused with integrated trampoline net track
Longeron carbon fiber infused, integrated anchor system and trampoline net track
Davits custom made with electrical lifting through winch
Carbon hatches for storage (5)
Carbon engine room hatches (2)
Glass hatches (8)
Dual helm station outboard
Windows laminated/tempered glass. Grey STL-42 film between the layers
Non-skid in Matterhorn white on deck and appropriate places on deckhouse roof

Centerboards, rudders & steering

Straight carbon daggerboards
Daggerboard lifting system electrical with indicators and backup system
Rudders in composite
Electro-hydraulic steering system

Deck Equipment

Halyard winches Harken 70.3 STEA (2) 3 speed, self-tailing alu-electric
Mainsheet winches Harken 70.2 STEA (2) 2 speed, self-tailing alu-electric
Primary winches Harken 70.3 STEA (2) 3 speed, self-tailing alu-electric
Secondary winches Harken 60.3 STEA (2) 3 speed, self-tailing alu-electric
Stand up block (2) Harken H3254
Padeyes (11)
Removable padeyes (2)
Line deflector, Harken (2)
Through deck U-bolt (2)
Lock-off foot block, Harken (2)
Reckman hydraulic furler for genoa
Windlass Vetus HRC10-10 (24V)
Ultra Anchor and swivel 85 m chain (Galvanized)
Mainsheet traveller system, hydraulic
Guardrails stainless steel, polished
Fixed cleats (12 pcs)
Passarelle fittings (2)
Bathing platform with swimming ladder
Toe rails forward of mast
Spinlock Halyard jammers (3 pcs)
Steering wheels made in carbon fiber, painted or clear coat finish
Grab rails on deck house and at appropriate places on deck
Trampoline net track integrated
Composite davits for dinghy
Pull-pit with seating
Push-pit
Transom fairlead
Chafe plates for mooring lines
Helm station seats

Aft cockpit

Aft cockpit has (2) U-Shape sofas
Storage in sofas
Rope locker in sofa backrest
Twin tables for the sofas with Corian surface
Deck painted non-skid in cock-pit area

Forward cockpit

Seating area and storage
Line organizer (Stainless Steel Bar)
Steps to foredeck
Self draining deck

INTERIOR**General**

Wood veneer natural Oak
Doors - Oak glued on a Divinycell core
Walls and roof surface panels with Silvertex material
Removable floorboards in hulls
Carbon floorboard supports
Handrails and door handles in stainless steel

Saloon

Navigation station is located on port forward side
Kitchen island
Fridge 190 DR Inox - (2) Pull-Out Drawers
Gas stove, 4 cook tops and oven
Extraction fan
Double stainless steel sink with Franke water tap
Storage locker in saloon floor
Hidden TV with lift function
Corean worktops in galley
Sofa with dining table
Storage next to dining area
Glass storage forward
Door to forward cockpit with ventilation opening

Navigation station

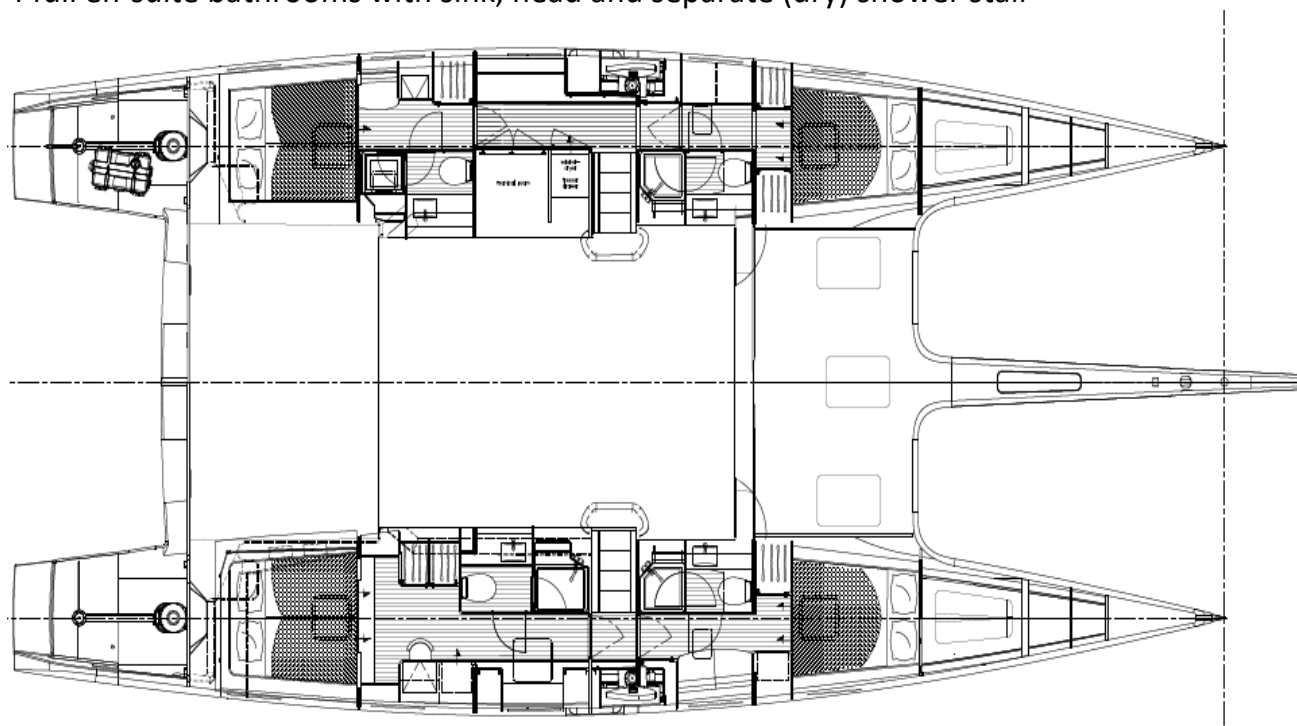
Swivel chair
Work desk with storage
Storage lockers
Navigation instruments
Automation Instruments (PLC)
Water maker panel
Generator panel
Reading light

Work station

Swivel chair
Work desk
Storage
Reading light

HULL ARRANGEMENT

Hull accommodation (4) cabins
4 full en-suite bathrooms with sink, head and separate (dry) shower stall



Note drawing above includes option for hybrid electric propulsion

Aft cabins starboard & port side

Queen size double bed longitudinal positioned
Storage in cabinets and under the bed
Laptop table
(2) Hull side windows
Fabric surface, Silvertex
Tecma 24V toilet
Cabinet in bathroom with mirror
Toilet and shower stall separated with glass door midship
Storage in lockers or drawers
Reading lights

Forward cabin starboard

Queen size bed
Storage cabinets
One sofa with storage space located outboard
Laptop table
Large side hull (2) windows
Fabric, Silvertex
Reading lights

Forward cabin port side (crew cabin)

Queen size bed
Storage under the bed and in cabinets
Large hull windows
Fabric, Silvertex
Reading lights

ENGINES

2 x 80 hp Yanmar Diesel engine (4JH80)
2 x Yanmar SD60 Saildrive
The engines are located aft and access through deck hatch.
Well insulated with fire retardant insulation materials
Electrical production

- Fisher Panda 11000i PMS generator
- Both engines fitted with Alternators

HVAC

Through hull fittings & seacocks in engine spaces in brass

Hull through fittings in composite

Bilge pumps Rule 24V in each watertight section

(4) Toilets, 24V Tecma

(2) Watertank approx (2) x 300L in each hull (600L) transfer between hulls with electrical pump

Heated water, 2 x 50 L (100L), water heaters connected to main engines

Black water tank (2) x 200L + overboard and deck discharge

Grey water tank 2x 150L

Water outlets in galley, showers and heads produced Hans Grohe

Ventilation and air condition

Ventilation provided via hatches and doors

Forced ventilation system

Engine room forced ventilation system

Sail locker forced ventilation

ELECTRICAL SYSTEM

The electrical system is grounded to the water by grounding plates, one in each hull

The main electrical system is based on 24V

The system is charged by a Fisher Panda 11000i and one 100 Amp charger

Battery bank: Mastervolt Li-ion 24V Ah (6) x 200 Ah.

Engines have separate start batteries

Inverter Mastervolt 5 Kw

Navigation Instruments

B&G instruments

- (3) B&G Zeus SR chartplotters
- B&G Depth and Speed
- B&G VHF
- B&G AIS

Siemens automation system

- Touch screen control at nav station
- Battery monitoring
- Tank monitoring
- Bilge, smoke and fire monitoring
- Light control system
- Fuel transfer system
- Water transfer system
- Touch button - Sail controls

Electrical outlets

- At chart table 230V
- Galley, salon and aft cockpit 230V
- Each cabin and each toilet 230V
- Engine room 230V
- Each cabin has reading lights at the head end of the beds. In the roof separate illumination lights. All lights in the boat low energy led lights, separate lighting plan done during the project. Led downlights under the bridge

Spars and Sails

Lorima carbon mast no spreaders Lorima carbon boom

Stainless steel standing rigging

Sails and running rigging to be specified with client based on use and preferred supplier. Not included in base price.

SAFETY EQUIPMENT

Fire extinguishers 2kg located in each sleeping cabin (4)

6kg extinguisher in the deckhouse.

Man overboard equipment at the guardrails on each transom (2)

Fire protection system according to legislation of CE Ocean A, automatic upon request Interconnected fire alarms with cabin and main alarms connected

SERVICES

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

- Progress reporting
- Quality reporting, reporting of findings and non-findings during the build
- 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.

Build time from signing of contract:

14 Months