

Standard specification: Greenline Ocean Class 70

C12

Structure

- All structural elements of the boat correspond to the CE rules for Category A Open Ocean
- A two year guarantee on structure and against osmosis
- Hull is built in solid polyester/glass laminate and in balsa-wood / High-Density PVC foam sandwich
- The deck is built in High-Density PVC foam sandwich and polyester/glass laminate
- The hull and deck structural grid is in polyester fiberglass over foam
- The tank-tested hull of Superdisplacement type offers a maximum speed of 20-22 knots. At the same time the yacht will run very smooth at displacement speed of say 8-14 knots giving a very good range at those speeds and a fully seaworthy behavior.
- A half-length keel protects the running gear extending lower than propeller tips gives improved handling in narrow marinas and full control in following seas
- Boot stripe
- Zinc anodes on the shafts and on the hull
- 9 stainless steel portlights in the hull, opening
- Hull colour, RAL 9010

Propulsion

- Engines: 2 x 800 HP diesel engine
- Propellers: 5 blades, designed and built to optimize performance and comfort
- Shafts: high-tensile stainless steel
- Rudders: Stainless steel

Flybridge

- Flybridge: The large fly bridge is accessible from the cockpit via an external stainless steel ladder with teak steps with a watertight hatch. At the same time the bridge is easily accessible from the main steering position in the pilothouse via comfortable steps and a large hatch.
- A large upholstered driving bench/sofa with steering wheel
- Lockers
- A teak table with stainless steel pedestals and with a U-shaped sofa for up to 8 persons

- Bar unit with built-in sink, lockers and garbage bin, including electric grill, an electric refrigerator and icemaker
- A radar mast in GRP supporting navigation instruments and antennas
- Space for hydraulic crane and dinghy/jet with brackets (optional)
- Navigation lights
- 2 watertight loudspeakers connected to entertainment system in saloon
- Front wind breaking shield
- Easy-grip handrails and railings all around
- The helm console includes:
 - Stainless steel wood rimmed steering wheel
 - Electronic engine controls
 - Main engine display
 - Anchor windlass control
 - 12 V socket
 - Trim tab controls with indicator (optional)
- Courtesy lights

Main deck

- Stainless Steel railing on side gunwales in 30 mm tube polished stainless steel and around the bow and a solid-teak-capped railing all around
- Flag poles with holders, stern
- Tempered safety glass windows
- Fuel fillers, stainless steel (one on each side)
- Water filler, stainless steel (port side)
- Two shore power inlets, stainless steel, aft, 32A, with cable
- Black water tank discharge, stainless steel
- Gray water tank discharge, stainless steel
- Anchor windlass 24 V, with brake and stainless steel protection
- 60 kg anchor with 100 m of 12 mm chain
- Bow windlass control, handheld, at flybridge and pilothouse
- A rope capstan on the windlass permits easy powered handling of the bow ropes in the harbor with foot switch
- Anchor locker for chain and fender/rope storage with drain
- Chain washdown, fresh water, in the locker, with 30m of hose
- 3 electric window wipers
- 8 large stainless steel cleats
- 2 small stainless steel cleats on platform
- 4 large stainless steel fairleads with stainless steel rollers
- Sun-lounging cushions over the front cabin

- Large storage compartment over the front cabin to port and starboard, hinged and gas-spring assisted
- Upholstered seating in the front part, U shaped
- Teak covered cockpit, sidewalks and bow area
- Saloon door and tempered glass
- 2 electric winches aft for handling of aft mooring lines with foot controls
- Locker to port of the saloon door, including wash basin with pressured water
- A molded settee centrally in the aft part of the cockpit, upholstered
- A fixed teak table in front of the cockpit settee
- 2 watertight loudspeakers in cockpit connected to entertainment system in saloon
- Portlights (opening) to the aft quarters in the forward side of the settee
- Lights in cockpit ceiling
- Courtesy lights around the cockpit and on the side decks
- 2 x Stainless steel tubing stern gate leading to the swim platform
- Stairs on both sides for stern platform access
- Teak-covered stern platform
- Lights on the swim platform
- Dinghy/Jet cleats, pop-up, stainless steel, on the stern platform
- Shower with hot and cold water on the swim platform
- Telescopic electro-hydraulic gangway with teak finish 3,4 metres, capacity 150 kg
- Removable bathing ladder on swimming platform

Interior layout and equipment

- All wooden parts are fabricated of oak verticals and walnut horizontals veneered marine plywood, varnished with silk-gloss polyurethane paint.

Pilothouse, 2 step above the galley and passageway area

- 1 fully adjustable Pilot seat for the helmsman
- Side door to starboard walking deck
- Staircase to flybridge, stainless steel and walnut steps
- Lockers and railings
- Walnut floor
- Steering wheel, wood
- Steering mechanism, hydraulic, assisted
- The pilot station includes an electronic console (wood and artificial leather):
 - Electronic engine controls with synchronizers)
 - Engine instruments/displays
 - Magnetic compass with light

- Switches for:
 - console light
 - air horn
 - windscreen wipers
 - navigation lights
 - bilge pumps
- Trim tab indicators
- Fuel level display
- Fresh water display
- Black water display
- Gray water display
- 220 V and 12 V socket
- Chart table with chart light (red/white)
- AC and DC main panels , protected by a door
- To port: a dining settee with a walnut table for 6-8 persons, raised 1 step from the pilothouse
- Overhead and worktop lights
- Courtesy lights
- 2 loud speakers connected to entertainment system in saloon
- Grabrails in walnut or artificial leather

Galley to port, at cockpit level

- Storage cabinets and lockers to port
- Extractor hood with extractor fan
- Walnut floor
- Artificial marble worktop with 2 sinks, faucet
- Overhead lockers
- Ceramic hob with four burners
- Combined microwave/conventional oven
- 320 l front-opening refrigerator, 180 l freezer, with ice maker 220 V (inverter)
- Storage units and waste bin
- Cabinets, shelves and wall units
- Dish washer
- Overhead and worktop lights
- Courtesy lights

Saloon, at cockpit level

- Lockers and railings
- Large sofa on starboard

- Low table to port side
- Large L shape sofa on port
- 2 removable armchairs on port
- Storage cabinets and lockers to port and starboard
- Ceiling lights, with a dimmer
- Reading lights
- Courtesy lights
- Entertainment system
- Space for the video system, TV cabinet with a lifting TV screen mechanism, 37" LCD TV
- Venetian wood curtains, carpet floor
- Grab rails in walnut

Lower deck accommodation

- Access from the stairs from the passageway behind the pilothouse to starboard

Corridor

- Leads to :
 - Forward VIP cabin
 - Day toilet
 - Guest cabin to port
 - Aft owner's cabin
- Overhead lights
- Courtesy lights
- Carpet floor

Owner's cabin with en-suite washroom and walk in closet

- Owner's cabin (aft): access from the corridor to the aft
 - Double island bed with headboard and bedside night tables, with mattress
 - Reading lights
 - A settee with comfortable seating and a table to starboard
 - Cabinets
 - Ceiling lights on dimmer
 - Courtesy lights
 - 2 full height large wardrobe lockers with shelves, light
 - Walk in closet to the port
 - Fixed 32" LCD TV at the end of the bed, optional swivel

- Space for lifting TV screen mechanism (optional)
- Space for optional entertainment system with DVD
- Door to washroom
- Carpets and curtains
- Two large none opening port lights

Owner's washroom/head, forward of the owner's cabin, to port

- Large dressing space in the middle
- Marine toilet, electric
- Warm and cold water
- A self standing sink on port, artificial marble countertops, single lever faucet
- Mirror and cabinets
- Exhaust blower, 220 V
- 1 portlight (opening)
- A full size stand-in shower small bench and with tampered glass door, electric pump-out, fiberglass throughout
- Ceiling lights
- Curtains
- Walnut floor

Guest Cabin Port, access from the corridor, with en-suite washroom

- 2 single beds with a mirrored headboard, with mattress
- Hanging locker
- Wardrobe with shelves and mirror
- Locker space under the beds
- Portlight (opening)
- Reading lights
- Ceiling lights
- Courtesy lights
- Carpets and curtains
- Door to washroom

Guest Cabin's washroom/head, forward of the port guest cabin

- Marine toilet, electric
- Warm and cold water
- A self standing sink on port, artificial marble countertops, single lever faucet

- Mirror and cabinets
- Exhaust blower, 220 V
- Portlight (opening)
- Stand-in shower with tampered glass door, electric pump-out, fiberglass throughout
- Ceiling lights
- Curtains
- Walnut floor

Guest head (day toilet) from the corridor to starboard

- Warm and cold water
- Marine toilet, electric
- A self standing sink, artificial marble countertop and single lever faucet
- Mirror and cabinet
- Exhaust blower, 220 V
- Ceiling lights
- Walnut floor

VIP guest cabin: 2 steps up from the corridor, in the bow, with en-suite washroom

- Hanging lockers on both sides
- Reading lights
- A large island double bed with a headboard, mattress
- 2 wardrobes
- Drawers under the bed
- 2 Portholes (opening), 1 each side
- Space for optional 26" LCD TV on the wall, in front of the bed, with DVD player
- Ceiling lights
- Courtesy lights
- Carpets and curtains

VIP guest washroom/head, to starboard, en-suite from the VIP cabin in the bow

- Large dressing space in the middle with small bench on the side
- Marine toilet, electric
- Warm and cold water
- A self standing sink, artificial marble countertops and single lever faucet
- Mirror and cabinets
- Exhaust blower, 220 V

- Portlight (opening)
- A full size stand-in shower with tampered glass door, electric pump-out, fiberglass throughout
- Ceiling lights
- Curtains
- Walnut floor

Aft quarters, access from the stern deck

- Skipper cabin to port:
 - Single bed to port
 - Hanging locker
 - Locker space under the bed
 - Reading lights
 - Ceiling lights
 - Courtesy lights
 - Carpets and curtains
 - Portlight facing forward (opening)
 - Space for optional 20" LCD TV on the wall, with DVD player
- Shower and sink area to the middle:
 - Pressure pumped warm and cold water
 - Shower cabin with tampered glass door, electric pump-out, floor in fiberglass pan with shower water drain
 - A self standing sink, artificial marble countertops, single lever faucet
 - Walnut floor
- Storage/laundry space to starboard:
 - Marine W.C., electric
 - Portlight (opening)
 - Exhaust blower, 220 V
 - Storage space
 - Space for optional combined washing/drying machine
 - Walnut floor

Electrical system and equipment

- The following voltages are used on board: 220 V AC, 24 V DC, 12 V DC
- The main control panels are installed in the pilothouse
- Generator: 16 kW, 220 V, 50 Hz, with water separator on exhaust system, in the engine room
- A 24 to 220 V inverter 5000 W
- Shore power intakes, aft

- Batteries, deep cycle , in battery boxes:
 - Group of 24 V, 810 Ah batteries for services
 - Two groups of 24V, 160 Ah batteries to start engines
 - Group of 24 V, 130Ah batteries to start generator
- Battery condition indicators
- Battery main switches, emergency paralleling
- Automatic bilge pumps (3x2)
- Ground system
- Bow thruster, electric, 20 HP with own batteries
- Space for optional stern thruster, electric, 20 HP with own batteries
- Engine room blowers
- Engine room lights
- 100 A electronic battery charger for service batteries
- 2 x 20 A electronic battery charger for engine batteries
- 20 A electronic battery charger for generator
- 30 A electronic battery charger for bow thruster (additional for optional stern thruster)
- Lighting: 24 V lighting
- Air horn on the flybridge arch
- Air conditioning in all cabins and saloon, reversed cycle
- Additional alternator on engines (optional)
- Navigation lights
- Tank gauges for fuel, water, waste and gray tank
- Space for optional stabilizers, working also at zero speed (TRAC)

Bilge system

- Five electric 24 V pumps: engine room, crew quarters, mid ship (2) and bow
- 5 level alarms
- Manual emergency pump with manifold
- All seacocks in bronze

Fire fighting system

- 6 fire extinguishers in the accommodation and on the flybridge
- 2 special T-sensing automatic fire extinguishers in the engine room

Fuel system

- GRP tanks; max. capacity 7000 l
- Engine fuel filters, Double Racors with alarms, water separators and bypass valves, separate filters already on the engines
- Generator fuel filters, Double Racors with alarms, water separators and bypass valves, separate filter already on the generator
- Electronic gauge in pilothouse
- Optical fuel level gauge on tank with graduated scale
- Electric oil exchange system for engines

Fresh water system

- Stainless steel tank, capacity 1500 l
- Pressure pump 24 V
- A 60 l boiler on engine and 220 V
- Electronic level gauge in the pilothouse

Black water system

- 350 l black water tank for the 3 central accommodation toilets, a separate 50 l holding tank for the aft quarters
- Sensor with alarm in the pilothouse, level indicator
- Black water tank can be emptied outboard (membrane pump) or by suction on deck

Gray water system

- 350 l gray water tank
- Sensor with alarm in the pilothouse, level indicator
- Gray water tank can be emptied outboard (membrane pump) or by suction on deck

Engine room

- Engines, gears and shafts
- Shaft seals, water lubricated
- Cooling water intakes with filters
- Generator
- Batteries

- Fuel tanks
- Exhaust systems
- Exhaust fans
- Lights
- Bilge pump
- Sound insulation
- Fire suppression system
- Space for optional hydraulic PTO pumps on port gearbox and generator (with optional stabilizers)
- Flaps

Accessories

- One boat hook
- 10 fenders
- 6 mooring lines
- 1 Flag pole
- 12 lifejackets
- Remote controlled searchlight
- CE homologation

All specifications and measures are believed to be correct at the time of printing. In the aim of continuous improvement, however, the builder reserves the right to amend specifications, materials or equipment without prior notice.