



GARCIA
y a c h t s

Garcia Exploration 52



General Description - Standard version

3 Cabins / 2 Bathrooms

I. Key specification

A boat designed to sail and live aboard both in high latitudes and tropical waters

- ✓ Integral aluminium centreboard
- ✓ Deck saloon with 270° visibility and internal steering position
- ✓ Watch position / pilothouse in the front of the cockpit with forward view
- ✓ Watertight companionway door
- ✓ Watertight forward aluminium bulkhead
- ✓ Watertight aft aluminium bulkhead with watertight hatches to access the stern compartments from the aft cabins
- ✓ All through-hull fittings made of welded aluminium - all valves positioned above waterline
- ✓ Double glazed saloon windows, one opening above the galley, one in the workshop, and one in the aft bathroom - coachroof extends beyond the windows and acts as a sun-awning
- ✓ Thermal and acoustic insulation above waterline using automotive-grade polyethylene foam panels
- ✓ Insulated floor (thick foam core)
- ✓ Chain locker centrally positioned at the foot of the mast – electric windlass located in locker below deck just forward of the mast
- ✓ Centrally located large capacity tanks - water and fuel tanks can be ballasted port/starboard
- ✓ Centrally located service battery set
- ✓ Generous storage space available throughout the boat
- ✓ Forefoot chainplate for towing and ice breaking
- ✓ Integrated aft arch for electronics, wind generator, solar panels, dinghy
- ✓ Twin aluminium rudder configuration to ensure optimal control in heavy seas with protective skeg and sacrificial end-fitting
- ✓ Large aft platform with easy access to/from the water
- ✓ Liferaft stowage in locker accessed from aft platform
- ✓ All essential lines controlled from the cockpit

II. Construction features

Hull, deck and coachroof construction

- Hull, deck and coachroof structure in marine aluminium alloy
- 5083 H111 for aluminium structure and sheets
- 6060 T6 for extruded profiles
- Interior and exterior welding: MIG and TIG in inert (argon) gas
- Hull welding quality controlled by dye penetrant inspection
- Chainplates and reinforcement plates directly welded onto hull and deck structure
- Watertight forward and aft bulkheads directly welded onto hull and deck structure
- Built-in large capacity twin fuel tanks with ballast pump

Coachroof

- Vacuum infusion composite construction (fibreglass, PVC high density foam, polyester resin)
- Interface with deck and roof structure by gluing and bolting

Ballast and appendices

- Fixed, centrally positioned and resin-insulated ballast sited in lower compartments
- Fully retractable aluminium centreboard with NACA-type composite profile
- 2 NACA-type profiled aluminium rudders with sacrificial end-fitting and protective skeg welded to the hull

Insulation

- Thermal and acoustic insulation above the waterline by automotive grade polyethylene foam (thickness 74 mm for the hull and 37 mm for the deck)
- Thick foam core insulated floors

Coating and painting

- Deck, roof structure, cockpit and rubbing stakes: comprehensive treatment consisting of a first primer coat of two-component epoxy, undercoats of two-component epoxy finish primer and coats of two-component polyurethane topcoat in Oyster White + non-slip finish in all necessary areas
- Cockpit floor, cockpit benches, transom and side decks : Marine Deck finish (composed of cork and resin)
- Hull topsides: finish with adhesive acrylic covering. Matt color.

Options

- *Lower hull preparation and anti-fouling (included in Marina preparation and delivery option in Cherbourg)*

- *Synthetic teak Flexiteek finish instead of Marinedeck*

Cathodic protection

- 2 fixed sacrificial anodes on keel skeep
- 1 sacrificial anode on centreboard
- 1 sacrificial anode on propeller

III. Rigging and sails

Mast and boom

- Aluminium alloy anodised double spreaders mast
- Mast track fitted with 8 blocks slider system
- Mast foot with turning cars
- Wind vane, Led navigation and mooring lights, steaming light, and deck light
- Aluminium alloy anodised boom
- Dyneema boom vang
- 2 retractable mast steps at the foot of the mast and 2 at the top

Options

- *Retractable mast steps along the mast*
- *Boom lightning*
- *Spreader lightning*
- *Canoe boom*
- *Furling boom*
- *Furling mast*

Standing rigging and furling system

- Single strand stainless steel wire
- Solent furling system
- Fixed inner forestay (when staysail)
- Rigging screw covers on V1 and D1

Options

- *Backstay with isolation for SSB*

Running rigging

- 1 Mainsail with reeved halyard (polyester/dyneema mix)
- 1 Solent halyard polyester
- 2 Mainsail polyester sheet (double German system)
- 1 Mainsail outhaul line (polyester/dyneema mix)
- 1 boom topping lift (polyester/dyneema mix)
- 3 automatic reefing polyester lines and Cunningham for R3
- 2 Solent polyester sheets
- 2 Solent traveller control lines
- 1 centreboard lifting polyester line
- 1 centreboard lowering polyester line
- 1 boom preventer polyester

Sails

- 1 x 62.5 m² Dacron cross-cut fully-battened mainsail with ball bearing mast slider system and 3 reefs and anti-chaffing patch
- 1 x 58 m² Dacron cross-cut furling Solent with anti-UV and anti-chaffing strips
- Lazy bag Sunbrella made – labelling Exploration 52 - lazy jacks adjustable

Options

- *Staysail (surface 31.5 m²) with furling system, with anti-UV and anti-chaffing strips, running backstays, dedicated aft cockpit Lewmar ST45 winches and tackle*
- *Fitting for downwind sails (Asy/ Sym Spinnaker, Gennaker , Code Zéro)*
- *Additional spinnaker halyard with jammer at the foot of the mast)*
- *Gennaker (130m²) or code zero (85m²) with furling system and custom banana-type bag*
- *Symmetrical (186m²) / Asymmetrical (170m²) / A3 (130m²) spinnaker*
- *Dousing sock for spinnaker*
- *Carbon spinnaker pole with fittings and storage along the mast (detailed in appendices)*
- *Upgrade to Hydranet triradial cut sailcloth (mainsail, Solent and staysail)*
- *Labelling on lazy-bag*
- *Logo labelling on spinnaker*

IV. External fittings

Saloon windows, hatches, hull portholes and deck fillers

- Double glazed 270° forward windows with one opening above gas stove, one opening in workshop and one in aft bathroom
- 1 deck hatch (sail locker)
- 1 deck hatch (forward bathroom)
- 2 deck hatches (forward cabin)
- 3 deck hatches (coachroof above deck saloon)
- 4 opening portlights (interior cockpit - 2 in each aft cabin)
- 7 fixed horizontal rectangular hull portholes (3 forward cabin, 2 in each aft cabin)
- 4 fixed vertical rectangular hull portholes (2 galley, 2 storage area under saloon)
- 2 fresh water deck fillers
- 2 diesel fuel deck fillers with anti-spill device
- 2 black water deck outlets

Options

- *2 hatches integrated into the aft of the coachroof (above watch position)*

Sailing hardware

- 2 Solent sheet deck curved tracks with lead block
- 2 Twin turning blocks with clutches (Solent + Mainsail)
- 4 Jammers (Solent + Mainsail)
- 2 Jammers (Solent sheet traveller lines)
- 1 Jammer for Solent furling system
- 2 ST65 self-tailing 2 speed primary Lewmar winches located in the center of the cockpit
- 2 ST55 self-tailing 2 speed secondary Lewmar winches located on cockpit coamings
- 1 ST45 self-tailing 2 speed Lewmar winch located on a plate fixed to the mast
- 3 locking winch handles
- 11 Jammers on the cockpit coamings
- 1 Jam cleat to lock the centreboard in the down position

Options

- *Additional mast winch*
- Winch electrification for primary and/or secondary cockpit winches – change to Andersen winches in the cockpit included manual aft winches (Staysail option)

Mooring and anchoring

- Bow roller for main anchor
- Electric vertical windlass 2000W located below deck in locker at the foot of the mast, controlled at the foot of the mast
- Windlass control at helm and at foot of the mast
- Windlass command radio-controlled
- Chain locker centrally positioned at the foot of the mast with electrical draining pump and interior access
- Secondary anchor well incorporated in transom
- 10 aluminium 450 mm mooring cleats welded onto deck (2 double cleats at the bow, 2 double midships, 2 cleats at the stern on each side)
- 2 aluminium 160 mm mooring cleats on each side of the arch
- 1 double fairlead at the bow, 2 single fairleads at stern

Options

- *Anchoring pack (detailed in appendices)*
- *Mooring pack (detailed in appendices)*
- *Chain & deck rinsing sea water pump in sail locker*
- *Electric capstan 1000W*
- *2 tackles with strops for tender lifting*
- *Rigid davits on arch, with tackle and strops, for tender lifting*
- *2x70 m – 4T- strap fitted on removable winch drum to be fixed to pushpits or granny bars*

Safety and protection

- Self-draining cockpit
- 4 pushpits, 1 pulpit and 8 stanchions
- 2 boarding gates for port and starboard side access
- 6 handrails on each side of the coachroof
- 6 safety harness eyes in the cockpit
- 2 granny bars at the mast
- All pushpits, pulpits, stanchions, granny bars and coachroof handrails in polished stainless steel
- 6 cockpit handrails and 2 transom handrails
- Triple lifelines made of 5 mm uncoated single strand stainless steel rod with fixed fork end and snap hooks
- Welded aluminium toerail with chainplates and composite teak rubber covering
- 4 welded aluminium handrails on transom

Options

- *Safety and emergency pack (detailed in appendices)*
- *Stainless steel fence*
- *Welded aluminium perforated toerail*

Deck hardware and storage

- Aft arch with 2 integrated waterproof LED spotlights and 2 attachment points for possible tender
- Swimming ladder and shower on transom (cold and hot water)
- 1 Cockpit table with folding leaves, fiddles, glass and bottle holders
- 1 Glass holder at each helm position
- 1 foldable footrest at each helm position
- 1 Large, deep bow sail locker with ladder, flooring and spotlight
- 2 Cubby holes in the cockpit coamings under the coachroof
- 2 Lines storage compartments integrated in the backrest of the cockpit benches
- 2 Lines storage compartments integrated under the primary winches, with bottle and winch handle holders
- 2 Large dry transom side lockers (400 liters each)
- 2 Lockers under the floor of the transom (secondary anchor etc)
- 1 Gas bottles storage locker (volume for 2x13 kg bottles)
- Life raft storage under the steps from transom to cockpit
- 2 Cockpit bench lockers (600 liters each), with rubber carpet and 12 storage boxes
- 1 Port helm seat locker
- 1 Large storage area under starboard helm seat accessible via watertight hatch from the transom
- 2 Brackets for outboard engine, one on aft platform, the other in sail locker
- 2 Sunbrella covers for steering wheels and one sunbrella cover for cockpit table
- 1 Stainless steel flagpole
- 1 Multifunction bracket welded at stern, with his aluminium plate

Options

- *Removable textile protections to convert watch position into pilothouse*
- *Bimini*
- *Canvas cover surrounding the cockpit*
- *Cockpit Silvertex upholstery*

V. Interior fittings

General characteristics

- Woodwork in solid timber, marine ply, and white laminate
- Main bulkheads and furniture in plywood with veneer
- Clear oak ambience
- Furniture base flaps in marine ply
- Heads compartments in white laminate
- foam core insulated floors – 40mm - with laminate cover
- Floor openings with locking mechanism
- 8 mm CTBX marine ply head linings covered with fabric or imitation leather
- Marine quality hardware
- Dimable lighting
- Indirect lighting and lighting under steps
- Door retainers on all communication doors
- Blinds on port lights in front and aft cabins
- Blinds and mosquito nets on hatches in saloon and front cabin
- Blinds on opening hatches in aft cabins
- Upholstery in 130 mm thick highly resilient 40 kg/m³ foam with removable fabric cover from colour chart (Trojan line)
- Mattress in 100 mm thick highly resilient 38 kg/m³ foam with removable cover

Options

- *Afrormosia ambience, instead of clear oak*
- *Saloon leather / microfibre / Sylvertex upholstery from colour chart*
- *Isolating foam for deck hatches*

Companion way

- Watertight 2-leaf double glazed door with aluminium frame and 4 locking points
- Curved bond laminated wooden steps with non-slip tape
- 2 Handrails

Deck Saloon

- Located in the central/starboard part of the boat on an elevated platform with 270° panoramic view
- 1 U-shaped bench to starboard, with seats, backrests and storage area - can be converted to daybed and/or sea berth when on watch
- 1 central bench with large storage area beneath accessible from the galley
- 1 folding central table with fiddles
- Storage lockers along the hull
- 7 LED overhead spotlights and reading lights
- LED stripes
- Sockets 1x220V + 1x double USB
- Stainless steel hand rails with leather covering
- 1 dorade vent
- 1 Extracting ventilation dorade

Options

- *Height adjustable central table, support and complementary upholstery for double large berth*

conversion

- Internal blinds *for side saloon double glazed windows*

Pilothouse/chart table area

- 1 forward facing chart table with panoramic view
- Bench with removable backrest back
- Hammock for resting when heeling
- Front panel with controls for instruments
- Storage area under chart table and storage pockets
- 1 Red/white LED spot at the chart table
- Sockets 1x220V, 1x12V and 2xdouble USB

Galley

- Kitchen unit located to port along the hull with large synthetic resin worktop and two vertical hull portholes behind the gas stove
- Large double stainless steel sink with pressurised hot and cold mixer tap
- 2 bins
- Seawater / fresh water foot pump with 3-way valve
- Double glazed stainless steel oven Force 10 and 3 burners electric ignition gas stove on gimbals with fiddles
- 1 x gas shut-off valve
- 1 x integrated microwave oven and multiple storage space under port sidedeck
- 1 x stainless steel 144 litres vertical two-drawer refrigerator unit
- 1 x built-in stainless steel freezer 75 litres drawer
- Storage unit under the sinks including a double waste bin and a combination of storage compartments with boxes on shelves with fiddles
- Storage space under gas stove
- Central bench with synthetic resin worktop, drawers and ample storage space
- Stainless steel handrail
- 4 LED overhead spotlights, with 1 red/white for night vision
- LED stripe
- Sockets 2 x 220V
- 1 x butane bottle (13kg) in outside gas locker
- 1 Dorade vent
- 1 Extracting ventilation

Options

- *Electric gas shut off valve*
- *GN Espace Ocean Chef gas stove 3 burners and GN Espace sink*
- *Force 10 electrical oven and ceramic hob*

Forward cabin

- 3 large horizontal non-opening hull portholes with plexiglass for double isolation and 2 hatches
- 1 double bed offset to starboard with 2 separate mattresses and slatted base
- 2 lee board
- Drawers and storage space under bed, with locking system when heeling
- High mounted storage cabinets on port and starboard
- Bed headboard with fiddles and storage compartments

- 1 large hanging locker with hanging storage and shelves to port
- 1 low cabinet to starboard
- 1 dressing table with mirror, drawers, rotating seat and book shelves to port
- 2 handrails
- 2 articulated bedside reading lamps
- 4 LED overhead spotlights
- Sockets 220V + 2xdouble USB + 12V
- 2 hooks for clothes
- 1 Daurade vent
- 1 Extracting ventilation
- Ensuite bathroom forward

Forward bathroom

- Access via forward cabin, one deck hatch
- 1 vanity unit with synthetic resin worktop and mixer tap, built-in mirrored locker
- 1 watertight hatch behind mirror to access the sail compartment
- 1 separate shower unit with evacuation pump
- 1 marine toilet located in the shower unit and protected with a teak cover
- 1 black water 40 litres tank
- 2 LED overhead spotlights
- 2 handrails
- 2 hooks for clothes
- Ventilation with hatch
- Bathroom equipment (toothbrush holder, toilet brush, toilet paper holder)

Starboard aft cabin

- Located aft to starboard with 2 large non-opening portholes on the hull with plexiglass for double isolation , 2 portlights opening to cockpit
- 1 rectangular 150 cm wide double bed with 2 separate mattresses and slatted base, drawers and ventilated under bed storage
- 1 lee board
- 1 large hanging locker with hanging storage and shelves
- Wooden shelves and storage compartments on both sides of the bed
- 1 watertight hatch on the aft bulkhead to access the stern compartment (steering mechanism)
- 2 articulated bedside reading lamps
- 2 LED overhead spotlights
- Sockets 1x220V + 2xdouble USB
- 1 hook for clothes
- 1 handrail
- 1 natural vent
- 1 Extracting ventilation

Starboard workshop / storage locker

- Located under the deck saloon, 2 large non-opening portholes on the hull
- 1 opening in the double glazed window
- 1 large storage area
- 1 door accessing the technical area under the chart table
- Vent by opening in the window, by dedicated dorade and by extracting ventilation

- LED overhead spotlights
- Sockets 1x220V + 1x12V
- 1 handrail

Options

- *Fitting of the storage area including boxes on shelves with fiddles, workbench*
- *Workshop / storage locker converted into additional cabin ("Multi Version"), cabinet and reading lights*

Port aft bathroom

- 1 opening in the double glazed window
- 1 vanity unit with synthetic resin worktop and mixer tap , built-in mirrored locker
- 1 separate shower unit with evacuation pump
- 1 wet gear hanging and drying area connecting to the aft part of the shower
- 2 handrails
- 1 marine toilet
- 1 black water 100 litres tank
- 2 LED overhead spotlights, with 1 red/white for night vision
- 2 hooks for clothes
- Vent by opening in the window, by dedicated dorade and by extracting ventilation
- Bathroom equipment (toothbrush holder, toilet brush, toilet paper holder)

Options

- *Electric toilet instead of manual*

Port aft cabin

- 2 large non-opening horizontal portholes in the hull with plexiglass for double isolation, and 2 portlights openings to the cockpit
- 1 individual bed with mattress and slatted base, drawers and ventilated under bed storage
- 1 lee board
- 1 articulated bedside reading lamp
- 1 locker with hanging storage and/or shelves , with blocking system when heeling
- 1 watertight door on the aft bulkhead to access the stern compartment
- 2 LED overhead spotlights
- Sockets 1x 220V + 1x double USB
- 1 hook for clothes
- 1 handrail
- 1 natural vent
- 1 Extracting ventilation

Options

- *Additional individual bed with mattress and slatted base, foldable to maintain access to stern compartment*
- *Work desk with rotating seat and storage, instead of individual bed*

VI. Systems

Motorisation

- Volvo Penta D3-110 diesel engine mounted on flexible engine mounts
- Electrical control
- Volvo Trip Computer and Cruise control module
- Reduction/reverse gearbox, ratio 2.43/1
- Aquadrive flexible coupling
- Fuel pre-filter
- Engine compartment acoustic insulation by visco-elastic mass absorbing foam
- Twin pole electrical engine insulation
- Aluminium stern tube
- F16PH alloy steel propeller shaft and shaft seal
- 5 foldable blades propeller Maxprop Boomerang
- Cooling via sea water intake with quarter turn seacock and filter
- Forced air ventilation
- Spotlight in engine compartment
- Engine instruments panel with alarms
- Fuel tanks 2x600 litres with individual fillers, vents and transfer pump for ballasting

Options

- *Upgrade to Volvo Penta D3-150 diesel engine*
- *Spare propeller with fix blades, and shaft brake, for navigation in icy areas*
- *Additional electrical engine control in pilot house*
- *Integrated electric engine oil drainer*
- *Spurs rope cutter*
- *Dual fuel Racor filters with changeover valve*
- *Algae-X fuel conditioning system*
- *Racor fuel polishing system*
- *Additional 400 litres fuel tank*

Rudder and steering gear

- 2 leather-covered cockpit steering wheels each fitted on an independent JEFA cable steering mechanism, linked to each other by removable connecting bar
- 2 aluminium NACA-type profiled rudders with sacrificial end-fitting mounted on self-aligning JEFA roller bearings incorporated in aluminium tubes directly welded to the hull structure
- 2 solid aluminium rudder stocks
- 2 upper rudder protection skegs welded to the hull

Ventilation

- Natural ventilation via multiple hatches, portholes and air vents under protected areas
- 6 dorade boxes (2 on the front deck, 2 on the coachroof and 2 vertical units on the coamings)
- 3 electrical extracting ventilation units, extracting each cabin, saloon / galley, aft bathroom and workshop

Electricity

The electricity pack is designed to be connected to all shore power supply situations: 220V/50Hz or 110V/60Hz

- 1 primary diesel engine coupled 12V/150Amps alternator for 12V batteries
- 1 secondary diesel engine coupled 24V/110Amps alternator for 24V batteries
- 1 x 12V / 108Ah Lead-Calcium engine battery with bipolar cut-off switches
- 1 x 24V / 216Ah service batteries set (4x 12V 108Ah Lead-Calcium batteries) with bipolar cut-off switches
- 1 x 110/220V 3600W isolation transformer with autoswitch 110/220V and 50/60Hz on on-board sockets
- 1 x 220V / 12V / 30Amps battery charger
- 1 x 220V / 24V / 35Amps battery charger
- 1 x 24V / 220V / 2kW inverter
- 1 x batteries and tanks monitor with 2 touchscreen displays
- Shunt for measuring 24V producers contribution (alternator) and producers chosen as options (wind gen, hydrogen, ...)
- 1 x 220V shore power socket with 25 metre cable
- 1 x 220V multi-function electric panel with 2-pole circuit breakers
- 1 x 12V/24V multi-function electric panel with 2-pole circuit breakers, electrical leak detector, navigation lights controls, bilge pump alarms and controls, ballast pumps controls, voltmeter, water fuel and black water gauges
- 1 x 24V / 12V converter for navigation lights and 12V on-board sockets
- 8 x 220V sockets (forward cabin (1), aft cabins (1 each), galley (2), chart table (1), deck saloon (1) and workshop (1))
- 9 x USB double sockets : forward cabin (2), aft cabins (2 each), chart table (1), deck saloon (1) and cockpit (1)
- 4 x 12V sockets : chart table (1), deck saloon (1), workshop (1) and cockpit (1)

Options

- *Additional Lead-Calcium batteries (2x108AH-12V) with box*
- *Upgrade service batteries to gel batteries or to lithium batteries*
- *Genset pack (detailed in appendices)*
- *Additional charging equipments : hydrogenerator, solar panels, ... (detailed in appendices)*
- *Additional batteries*
- *Additional 220V /12V / USB sockets (inside/outside)*

Plumbing and pumping

Fresh water circuit

- 2x 440 liters polyethylene fresh water tanks with vents, level gauges and ballast pump
- 1 x 24V pressurised water system with expansion tank
- 1 x 40 litre calorifier (220V and engine heat exchanger)
- Water distribution by manifold to allow for the isolation of each circuit
- 1 hot/cold water circuit to galley
- 1 hot/cold water circuit to forward heads compartment
- 1 hot/cold water circuit to aft heads compartment
- 1 hot/cold water circuit to shower on transom

Options

- *Upgrade to 75 litres 3 energy source calorifier (220V, engine heat exchanger and from optional Webasto water based heating system)*

Black and grey water circuits

- Grey water from galley and bathroom sinks evacuated by gravity
- Grey water from showers evacuated by drainage pumps
- Black water from forward toilet evacuated to 40 liters black water tank
- Black water from aft toilet evacuated to 100 liters black water tank
- Black water tanks emptied by aspiration via deck outlet and under waterline by gravity (front heads) or by drainage pump (aft heads).

Options

- *250 liters grey water tank, reduced to 100 liters if also additional diesel tank.*

Bilge pumps

- 2 primary 24V electric bilge pumps in the bilge compartment
- 1x 24V electric bilge pump in the sail locker
- 2x 24V electric bilge pumps in the forward compartment
- 1x 24V electric bilge pump in the stern compartment
- 1 heavy-duty manual bilge pump in the cockpit
- 1 mobile manual pump
- All electric bilge pump with switches and control at chart table.

Fire protection

- 1 x fix extinguisher with automatic outbreak with spraying network in the engine compartment
- 4 x mobile extinguishers
- 1 x anti –fire cover
- Remote control for switching off diesel tank valves
- 2 x smoke detectors

VII. Documentation and formalities

All necessary documents provided:

- Owner's manual including diagrams of all circuits
- Electric diagrams corresponding to the effective built ("as built")
- Instructions, manufacturer technical instructions for the engine and the various equipment installed
- Equipment guarantees
- CE compliance certification documents

Administrative formalities for registration in Cherbourg (legal fees to be borne by owner)

VIII. Additional options

Preparation and delivery of the boat in the Cherbourg Marina, including

- Hull preparation and anti-fouling
- Craning and launching
- 150 litres of fuel
- Commissioning
- Tuition and handling (5 half-days)
- Availability of berth at Cherbourg Marina for 10 days

Fittings for downwind sails (symmetrical / asymmetrical spinnaker, gennaker, code zero) including:

- Chainplate on bow roller
- Constrictor jammer for tack of the sail, tackle hoist with halyard shackle, dyneema tackle rope
- Dyneema halyard with hollow pin deck block, block at mast foot to return to cockpit, jammer in the cockpit
- Polyester halyard with hollow flip-flop block and jammer at foot of the mast
- Sheets, turning blocks, fabric loop to connect to aft chainplates
- Pair of barber haulers with hoists, blocks and cleats
- Fittings for furling line returning to the cockpit

Spinnaker Pole with storage, including

- Carbon spinnaker pole with storage mechanism along the mast, and lifting system for handling the outboard engine into the sail locker
- Spinnaker rail on mast with plug, line and jammers
- Spinnaker topping lift with block at the foot of the mast to return to cockpit
- Cleat at the foot of the mast and jammer in the cockpit
- Spinnaker downhaul with turning blocks and cam cleats on the cockpit coamings

On-board comfort

- Compact 3 kg 220V washing machine
- Large 7 Kg 220V washing machine and dryer
- Duo 24V/220V, 60 or 100 litres per hour Dessalator watermaker
- Additional refrigeration or conservation capacity
- Safe box with key

Energy

- 24V Watt&Sea hydrogenerator, with spare propeller and storage bracket in sail locker
- 24V Silentwind wind generator including support and load controller
- 24V 520W solar panels fitted on aft arch including MPPT load controller
- 4KW Generator Pack including:

- 1x 220V Fischer Panda 5000 I Néo generator
 - 1x starting battery 12V-108Ah
 - 2x additional 108A 12V service batteries
 - upgrade of the 24V / 220V inverter, to 3KW
 - upgrade of the 220V / 24V to 60A
 - Switch for selecting the 200V supply
- 6.4KW Generator Pack including:
 - 1x 220V Fischer Panda 8000i generator
 - 1x starting battery 12V
 - 2x additional 108A 12V service batteries
 - upgrade of the 24V / 220V inverter, to 3KW
 - upgrade of the 220V / 24V to 60A
 - Switch for selecting the 200V supply

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Electronics / Audio

- B&G 12" electronic pack including:
 - 2x 12" Zeus³ touchscreens
 - 1x NAC3 autopilot drive
 - 1x Precision9 compass
 - 1x JEFA power unit
 - 1x VHF V50 unit with remote wireless handset H50
 - 1 wind vane
 - 1 speed/depth/water temperature sensor
 - 5x Triton2 display units outside
 - 1x Triton2 display unit inside
 - 2x Triton pilot controls
 - 1x AP44 pilot control
 - 1x ZC2 remote Zeus control
 - 1x WR10 wireless autopilot control unit
 - 1x PC / USB interface NMEA data
 - 1x GPS active antenna ZG100
 - 1x NAIS 500 B&G Class B AIS transponder
 - 1x 4G B&G broadband radar
- Spare autopilot calculator and power drive unit with switch
- Forward scan sensor
- Audio Fusion Marine Pack including:
 - 1x Marine stereo AV755 (CD/DVD) or UD755 (Dock station)
 - 1x USB connection kit
 - 1x Bluetooth MS-BT200 kit
 - 2x 100W MS-BX3020 indoor 2-way speakers
 - 2x 200W MS-FR602 200W outdoor waterproof 2-way speakers
 - Hifi / VHF switch
- Audio-Video systems upon request

Communication

- SSB Icom 801, with Pactor Modem
- Iridium active antenna on arch for iridium phones
- Iridium Go terminal
- Iridium phone and his dock (Motorola 9575 Extrem)
- Iridium Pilot, antenna and phone
- Wifi/ 4G+ antenna + wifi amplification unit and access at the chart table

Thrusters

- Tunnel bow thruster – thrust 195Kg - with battery 24V – 55Ah and charger 12V/24V
- Stern retractable thruster – thrust 116Kg, with battery 24V – 55Ah and charger 12V/24V; control coupled with bow thruster

Air conditioning and heating

- Air conditioning units for saloon and 3 cabins - 45 000 BTU – 220V
- Fuel burning water heating system with fans
- Fuel burning water heating system with radiators
- 6 x fans for saloon and cabins

Safety and security pack (6/8/10 people)

- 1 x liferaft Viking Rescyou 8UKL Container Pack II 6/8/10 persons
- 1 x grab-bag 24h - 6/8/10 Man
- 1 x Epirb distress radio Kannad GPS SafePro Manuel
- 1x portable and watertight VHF Icom IC-M23
- 6/8/10 x Spinlock Auto lifejackets
- 6/8/10 x safety lines Spinlock
- 1 x foghorn
- 1 x Mob Boy Horseshoe Set
- 1 x safety mirror
- 1 x offshore flare pack
- 1 x offshore medical kit
- 1 x iris 50 hand bearing compass
- 1 x CRAS measuring rule
- 1 x COASTAL 17cm divider
- 2 x 10 litre plastic buckets with 1,5m line
- 1 x safety plugs pack
- 1 x set of 3 30x40cm flags (NAT, C & N)
- 2 x 180mm plastic flashlights
- 1 x black ball (at anchor) signal
- 1 x black cone signal
- 1 x 30 metre lead line
- 1 x safety blanket
- 1 x set of 3 spare compact navigation lights (battery operated)
- 3 x 10m white jackstays
- 1 x rescue sling
- 1 x IOR device and light

Anchoring pack

- 1x 35 kg Spade galvanized anchor with 1x 100 m galvanized 12 mm chain with flip swivel and snubber line for bow anchor
- 1 FX37Fortress light anchor with 50 m nylon 16 mm warp of which 20 m are metal weighted for aft anchor
- Other anchor models and sizes upon request

Mooring pack

- 6 inflatable 91 x 36 cm fenders, with electric pump
- 2 fender hull protections
- 1 fender step
- 4x 15 metre 18 mm polyester braided hawsers in black
- 2x 20 metre 18 mm polyester braided hawsers in black

Diving pack

- 220V Junior 2 Bauer compressor with accessories (requires generator)
- Storage for diving tanks

Tender and engine

- Foldable tender F-Rib 275 and Honda 8CV outboard engine

IX. Basic specifications

| | | | | |
|-----------------------------|-------|--------|--------|------------|
| Length Overall | 16.65 | Metres | 54.63 | Feet |
| Hull length | 15.84 | Metres | 51.97 | Feet |
| Waterline length | 14.59 | Metres | 47.87 | Feet |
| Beam | 4.80 | Metres | 15.75 | Feet |
| Draught (centreboard down) | 2.90 | Metres | 9.51 | Feet |
| Draught (centreboard up) | 1.27 | Metres | 4.17 | Feet |
| Air draught (excl. Antenna) | 21.50 | Metres | 70.54 | Feet |
| Displacement | 19.5 | Tonnes | 43,000 | Lbs |
| Fixed ballast | 6.574 | Tonnes | 14,500 | Lbs |
| Diesel capacity (est.) | 1 200 | Litres | 317 | US Gallons |
| Water capacity (est.) | 880 | Litres | 232 | US Gallons |
| Black water capacity | 140 | Litres | 37 | US Gallons |
| Number of cabins | 3-4 | | 3-4 | |
| Number of berths | 5-6-8 | | 5-6-8 | |

Architect/Designers

- Naval Architect: Berret-Racoupeau Yacht Design
- Designer: Berret-Racoupeau Yacht Design

Construction

- Built in France by Garcia Yachting SAS

Certification

- Category A CE certification

Layouts

Standard Version

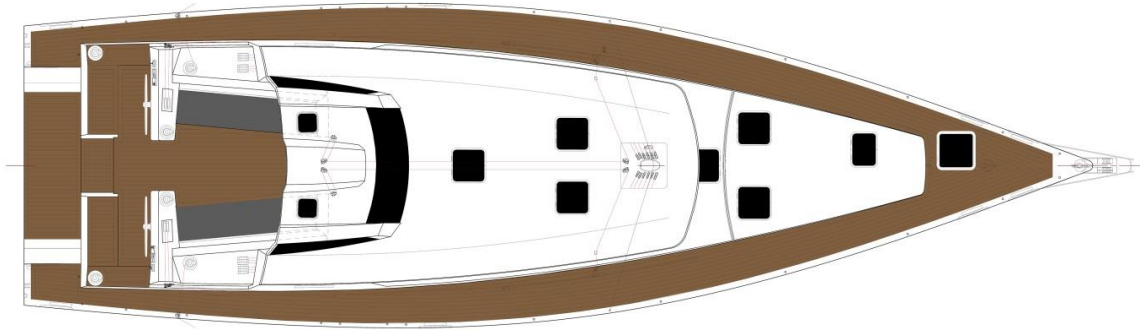


Multi Version

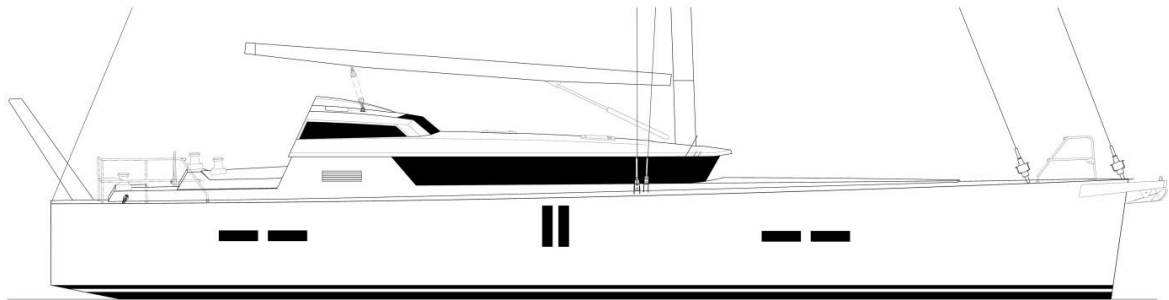


Main views

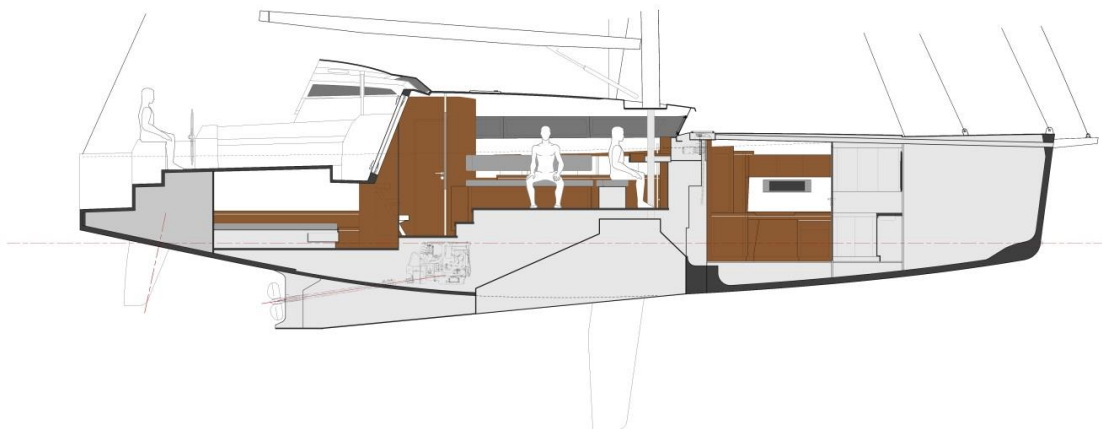
Deck plan



Profile



Axial cut



Sail plan

