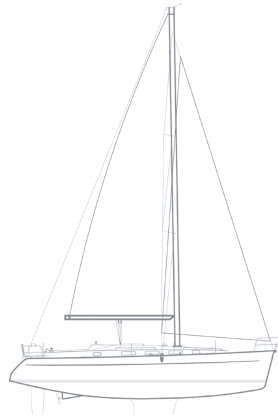


CYCLADES 50.5

General specifications

PRINCIPAL SPECIFICATIONS

- Design: Berret-Racoupeau.
- Length overall: 16.65 m
- Hull length: 15.24 m.
- Hull beam: 4.90 m.
- Light displacement: 12680 Kg.
- Draught - Standard cast iron keel: 2.10 m. (3950 Kg approx).
- Air draught: 20.90 m.
- Fuel capacity: 400 L.
- Fresh water capacity: 980 L.
- Maximum engine power: 110 HP.
- CE Certification: A13 / B14 / C16.



SAIL AREA

- Sail area upwind: 110 m².
- Mainsail: 60.5 m².
- Genoa: (110%) 49.5 m².
- Asymmetric spinnaker: 140 m².

SAIL PLAN

- I : 18.25 m.
- J : 5.45 m.
- P : 16.74 m.
- E : 5.90 m.
- LP (110 % overlap) 5.59 m.

TECHNICAL SCHEDULE

Designed in accordance with European RCD requirements and CE Certification, these regulations ensure that the Cyclades 50.5 incorporates the minimum safety requirements including:

- Safety and protection of persons on board.
- Durability of materials.
- Stability and safety.
- Safety when manoeuvring.
- Fire protection.
- Protection of the environment and reduction of engine emissions.

- HULL -

The hull is single-skinned balsa sandwich construction with reinforcement point.

A built-in **structural inner moulding** is bonded and laminated to the hull at intervals. **Its structural role** is important as it takes and absorbs the stresses **at pressure points** (keel, rudder etc) and spreads any loads guaranteeing reduced strain on the hull.

The inner moulding with **its perfect surface** gives extra stowage space under the sole and makes cleaning easier.

A skeg is moulded into the hull to protect the propeller shaft.

- DECK -

The deck is sandwich construction (glass fibre and balsa) for an optimal strength/weight ratio as well as excellent sound and thermal insulation.

A 'diamond point' **non-slip surface** increases safety over all areas of movement on deck.

The deck is **reinforced** single-skin under deck fittings (winches, tracks, U-bolts, cleats).

A built-in inner deck moulding gives the deck a perfect finish.

- HULL / DECK JOINT -

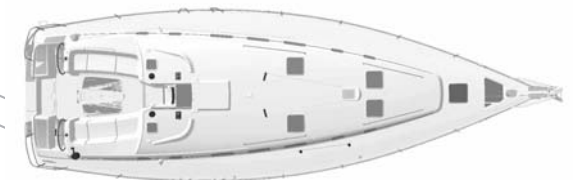
Straight deck line with aluminium toerail and teak insert forming the hull/deck joint.

This mechanical joint ensures a watertight assembly and improves safety when moving around on deck.

The transom/hull joint is secured with a rubber rubbing strake.

- KEEL -

To improve their durability the keels are given an anti-corrosion treatment and improved finish in the factory before assembly, using epoxy based coatings and paint. The wide-based keel is fixed to the boat by a system of screws and stainless steel backing plate.



- STEERING SYSTEM -

- 2 stainless steel 915 cm diameter steering wheels.
- Cable transmission system taken back to the steering quadrant
- Under-hung rudder with fibreglass stock.
- Stainless steel emergency tiller.
- 2 steering compasses (one in front of each steering wheel).
- 1 deck access to emergency tiller point on cockpit floor.

- MOORING AND ANCHORING -

- Self-draining anchor well forward with closing hatch and housing for electric windlass remote control.
- Clinch fitting.
- 1700 W horizontal electric windlass with remote control.
- 2 stainless steel bow rollers (permanent anchor stowage possible when under way).
- 6 x 400 mm aluminium mooring cleats.
- 8 fairleads.

- SAFETY -

- Stainless steel open pulpit.
- 2 stainless steel pushpits aft.
- Lifebuoy support, ensign staff support and outboard motor bracket.
- Two rows of guardrails supported by 4 stainless steel double stanchions and 10 'vertical' single stanchions surround the boat. These are fitted to stainless steel bases bolted to the deck.
- 2 large gates in guardrails.
- 2 stainless teak handrails to coachroof.

- COCKPIT -

- Self-draining cockpit with non-slip GRP floor.
- Good sized cockpit benches with non-slip finish.
- Cockpit coamings: very comfortable and safe.
- Large GRP cockpit table with hinged leaves.
- Table fitted with oddments locker, glass holder,

bottle rack and handrail, as well as a forward sloping panel for fitting the electronic navigation screen. (electronics available as an option).

- Cockpit fitted with 2 large lockers to starboard and port.
- Cold water cockpit shower to starboard.
- Liferaft locker built into deck aft of cockpit with easy access and opening.
- Hinged gate over liferaft locker to close off cockpit and for easy access to bathing platform.

- BATHING PLATFORM AND TRANSOM -

- Wide bathing platform with non-slip finish.
- Stainless steel bathing ladder with retainer.
- Two lockers to transom skirt: two-bottle gas locker to port and watertight locker to starboard for miscellaneous stowage.

- MAST AND BOOM -

- Fractional 9/10 anodised aluminium deck-stepped mast with twin 20° aft swept spreaders.
- Mast fitted for slide system.
- Mast with stainless steel halyard exits.
- Anodised aluminium boom.

- STANDING RIGGING -

- Discontinuous stainless steel rigging.
- 2 shroud chainplates on deck line.
- Inner shrouds.
- Double backstay with bottlescrews and 2 stainless steel chainplates.
- 1 classic forestay.
- Stainless steel stemhead fitting.

- RUNNING RIGGING -

- 1 mainsheet led back to the cockpit.
- 1 main halyard led back to the cockpit.
- 1 boom topping lift with cleat on the mast.
- 2 reefing lines and 2 Cunningham led back to the cockpit
- 1 mainsail foot outhaul led back to the cockpit.

- 1 boom vang with 4-part tackle and led back to the cockpit.
- 2 genoa sheets.
- 1 genoa halyard led to winch with jammer and cleat on the mast.

Handling the running rigging:

- 2 mainsheet U-bolts on coachroof.
- 6 jammers to starboard: mainsail foot outhaul, main halyard, reefs 1 and 2, mainsheet, boom vang.
- 2 jammers to port: Cunningham for reefs 1 and 2.
- 1 x 6-sheave foot block and 1 x 3-sheave foot block.

- MAINSAIL SYSTEM -

- 1 mainsheet tackle with U-bolts on coach roof and led back to the cockpit.

- GENOA SYSTEM -

- 1 PROFURL furling gear with furling line.
- 2 blocks for genoa furling line, 3 lead blocks and jammer to port side deck (led back to cockpit).
- 2 genoa sheet tracks (L 1500) adjustable cars with lead blocks and piston.
- 2 single genoa sheet return blocks.

- WINCHES -

Self-tailing aluminium HARKEN winches:

- 2 x H 53.2STA genoa sheet winches.
- 1 x H 44.2STA winch on coachroof to starboard.
- 2 aluminium winch handles with 2 holders.

- SAILS -

- 1 furling genoa with anti-UV strip and 110% overlap for easier handling.
- 1 semi-fully battened mainsail with logo, slides and 3 reefing points.
- Lazy jack.
- 1 blue/sand colour lazy bag.

- PORTS, HATCHES AND COVERS -

- 10 opening ports.
- 1 fixed port.

- 7 opening hatches with blinds and mosquito screens.
- 1 sliding companionway hatch.

- ENGINE -

- Engine: Yanmar 110 HP with shaft transmission.
- Engine mounting built into the inner hull mould.
- Soundproofed engine compartment.
- Engine control lever and panel with key start built into the steering console.
- Three-blade fixed propeller.
- 2 rotomoulded fuel tanks (200 litres x 2) under aft berths, with electric gauge connected to electrical panel.
- Fuel filter, sediment reservoir and seawater filter.

- ELECTRICITY-

Supply:

- 1 engine battery (12V, 110 A).
- 2 service batteries (12V, 140 A).
- Coupling relays for battery charging.

Electrical equipment:

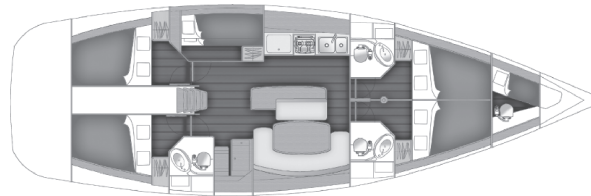
- Back-lit electrical panel with 21 x 12V switches and 4 x 220V switches.
- 1 x 220V and 12V voltmeter.
- 12V circuit is protected by fuses (one per switch).
- 220V circuit doubly protected: one thermal breaker per switch and a 30mA general differential breaker on the panel.
- 2 x 25 A battery chargers.
- Battery state alarm on panel.
- Electrical shore supply cable (in aft starboard cockpit locker).
- 8 x 220V electrical sockets.
- Halogen deckhead lights with built-in switches.
- Fittings in place for optional cables.
- Radio / CD / MP3 with 2 interior speakers and 2 watertight speakers in cockpit.

Lights:

- Bi-colour navigation light on pulpit.
- Stern light on transom.
- Anchor light and steaming light on mast.

- WATER SYSTEM -

- Hot water system with 40 litre calorifier.
- 980 L fresh water capacity stored in 3 rigid rotomoulded water tanks under berths in forecabin and saloon. The tanks are fitted with an electric gauge.
- Fresh water system with pump.
- Fresh water foot pump.
- 2 bilge pumps: one manual and one electric with release mechanism.



ACCOMMODATION

- Accommodation layout: 5 cabins, 3 heads.
- Parquet style laminated sole.
- Interior lighting by means of numerous halogen deckhead lights and reading lights.
- Upholstery - Astra Chanvre PVC in saloon and 'Océanie' fabric in cabins.

- SAIL LOCKER -

- T 60 deck hatch.
- Stainless steel step.
- Side shelving.
- Light.
- Headroom: 1.81 m.

- PORT / STARBOARD FORECABINS-

- Headroom over berth: 1.90 m.
- Triangular berth 2.02 m x 1.48 / 0.90 m.
- Doors and access to private heads.
- Shelving along hull.
- 1 hanging locker.
- 4 lights.
- Hull lining.
- T44 opening deck hatch with blackout blind and mosquito screen.
- T1 opening port in coachroof coaming.

- PORT / STARBOARD FORWARD HEADS-

- Headroom: 1.95 m.
- Laminated bulkhead.
- Large bowl marine WC.
- Shower tray and washbasin unit built into the head compartment.
- GRP washbasin, high unit, mirror, bathroom accessories.
- Electric wastewater drainage pump from shower to sea.
- 1 x T1 opening port in coachroof coaming

- SALOON -

- Headroom: 2.02 m.
- Saloon fitted with U-shaped settee with a central saloon table 2.20 m x 0.50 m.
- Aluminium feet to table.
- Central unit with top-opening 130 L icebox, bench seat with backrest (and under seat stowage), drawers, lockers, shelves, doors, wastebin and sideboard with wraparound moulded wood handrail.
- Refrigeration system with eutectic plate operated by the engine when running or by shore supply.
- Shelving along hull behind settee backrests.
- Hull lining.
- 2 lights.
- 1 x T44 opening deck hatch with blackout blind and mosquito screen.
- 2 x T 4 opening ports in coachroof coaming.



BENETEAU

CYCLADES 50.5

- GALLEY TO PORT -

- Headroom: 2.00 m.
- Laminated work surface surrounded with wood handrail.
- 2 plastic wastebins under sink.
- Cutlery drawer and stowage under sink.
- Shelving along hull for stowage.
- Gimballed 2-burner gas hob and oven.
- 3 opening ports to coachroof coaming (T4).
- 1 x T44 opening deck hatch with blackout blind and mosquito screen.
- 170 L icebox with 12 V refrigeration unit (top opening).

- CHART TABLE TO STARBOARD -

- Headroom: 1.95 m.
- Chart table facing forward.
- Unit under chart table with shelves.
- Panel for navigation instruments.
- Electrical panel (12V and 220V).
- Gauges for water and diesel fuel.
- Seat with locker.
- 1 x T 4 fixed port in coachroof coaming.

- STARBOARD AFT HEAD COMPARTMENT -

- Headroom: 2.00 m.
- Laminated bulkhead.
- Large bowl marine WC.
- Shower tray and washbasin unit built into head compartment.
- GRP washbasin, high unit, mirror, bathroom accessories, mixer tap and shower.
- Electric wastewater drainage pump from shower to sea.
- 80 L holding tank (deck/sea pump out) as standard.
- Light.
- 1 x T1 opening port in coachroof coaming.

- COMPANIONWAY -

- Headroom under hatch: 2.05 m.
- Companionway with laminated side panels and GRP treads with non-slip surface.
- Engine access under companionway (held open by a prop).
- 2 solid wood handrails.
- The companionway is closed by a perspex sliding hatch and a louvred, hinged teak double door.

- PORT/STARBOARD AFT CABINS -

- Headroom: 2.00 m.
- Double berth 2.02 m x 1.52 m / 1.03 m.
- Hanging locker.
- Shelving along hull.
- Central shelf between the two cabins.
- Hull lining.
- 3 lights.
- 2 x T 1 opening ports (cockpit, coachroof).
- 1 x T10 opening hatch (with blind and mosquito screen).

- PORT AFT CABIN BUNK BERTHS -

- Headroom: 2.00 m.
- Bunk berths with folding upper bunk.
- Triangular berths 2.02 m x 1.35 / 0.40 m.
- Stowage locker with oculus on forward bulkhead.
- Hanging locker and stowage with oculus by bed head on aft bulkhead.
- Hull lining.
- 2 lights.
- 2 x T1 opening coachroof ports.

OPTIONS

- C2 ELECTRONICS PACK Raymarine brand -

- Cockpit port: ST60+ Tridata, log, speedo, depth sounder, wind vane, ST60+ anemometer.

- Cockpit starboard: ST6002 automatic pilot, computer, hydraulic ram and controller.
- Cockpit table: C84 8.4" multifunction screen, GPS, plotter, chart reader (chart not included) compatible with Navionics Gold.

- YACHT CLUB PACK -

- Captain Blue' coachroof sprayhood, or fixed bimini, or classic bimini.
- Teak slatted cockpit seats.
- H44.2STA winch to port with jammer.
- Leather covered steering wheels.
- Saloon table convertible to double berth.
- 10 person table setting.
- Mooring lines – ground tackle - fenders.

- OTHER OPTIONS AVAILABLE -

- In-mast furling.
- 2 flag halyards.
- Asymmetric spinnaker and sock.
- Asymmetric spinnaker gear – 1 spinnaker halyard, 2 spinnaker sheets, 2 articulated U-bolts.
- 44.2 STAEH electric winch to starboard.
- 'Captain Blue' cockpit cushions.
- Bow thruster.
- 220V microwave oven.
- 33,000BTU air conditioning.
- Victory Oyster bed covers.
- Port and starboard black water holding tanks.
- 7.5 KVA generator.
- 2 supplementary 140 Amp service batteries.
- Raymarine RAY 49E VHF.

Sail locker replaced by crew cabin comprising:

- Bedhead unit with washbasin and mixer tap (hot/cold).
- Large bowl marine toilet.
- Folding bunk berth 1.95 x 0.4m.
- Wood kit for double forecabins / owner's islandberth conversion.