

FLYER 12

General specifications

Over and above the Flyer's recognised qualities - seaworthiness, safety, practicality - the Flyer 12 shows our capacity to innovate to keep improving Performance and Comfort under way.

Performance with a new hull and a revolutionary propulsion system giving increased speed, range and manoeuvrability.

Comfort with the possibility of (re)configuring a part of the accommodation according to use when under way and when added to this are elegant lines as well as luxurious and sophisticated accommodation, we can be sure that this boat is already a benchmark for the most demanding owners.

PRINCIPAL SPECIFICATIONS

- Design: Bénéteau and SARRAZIN DESIGN.
- Length overall*: 12.62 m.
- Hull length: 11.96 m.
- Hull beam: 3.99 m.
- Light displacement weight: 9240 Kg.
- Air draught: 4.59 m.
- Draught: 1.16 m.
- Fuel capacity: 1200 L.
- Fresh water capacity: 320 L.
- Maximum engine power: Volvo IPS500 2x370HP (2x272KW).
- Minimum engine power: Volvo D4 2 x 300 HP (2x220KW).
- CE Certification: B10 / C12 in progress.

*with bathing platform.



DESIGN

Designed in accordance with European RCD requirements and CE certification, these regulations ensure that the Flyer 12 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.

CONSTRUCTION

- HULL -

The hull is laminated single-skin GRP construction for the topsides, whilst the underwater section is constructed in polyester balsa sandwich to reinforce the structure.

The structural inner moulding ensures better insulation (thermal and sound) and an improved finish to the accommodation.

The hull has white gelcoat as standard; ruby red or steel blue are options.

The Flyer 12 has an evolutionary V-shaped hull with a stiff tulip bow for easy passage through the sea and good spray deflection. It also benefits from the work on hydrodynamics by the Bénéteau Research and Development department, allowing improved performance and comfort under way.

- DECK -

The deck is balsa sandwich construction (fibreglass/balsa/polyester resin) for maximum strength to weight ratio as well as improved thermal and sound insulation.

An inner deck moulding reinforces the structure and completes the finish.

The deck is totally covered with non-slip gelcoat for complete safety when moving around the boat.

DESIGN AND EQUIPMENT

- DECK -

The deck is fitted with:

- Stainless steel stemhead fitting designed for stowage of a 20 Kg anchor.
- 1000 W vertical electric windlass, controlled from the windlass itself and the wheelhouse.
- An anchor well with wide access to protect all the anchoring and mooring gear is fitted with two covers opening respectively into two self-draining compartments.
- Two concealed hatches in the wide side decks give access to the water and diesel tank fillers.
- Salt water washing pump under port hatch (option).
- 6 x 300 mm stainless steel mooring cleats with stainless steel protection to the bulwarks to prevent wear.
- The deck can accommodate a sunbathing platform as an option.

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- PULPIT AND GUARDRAILS -

- A stainless steel pulpit surrounds the deck as far aft as the cockpit allowing movement on deck in complete safety.
- A recess forward in the pulpit has been specially designed to facilitate anchoring.
- Stainless steel handrails to coachroof, on the canopy and to the aft of the wheelhouse make for safe movement.
- Teak capping rails cover all the bulwarks and cockpit.

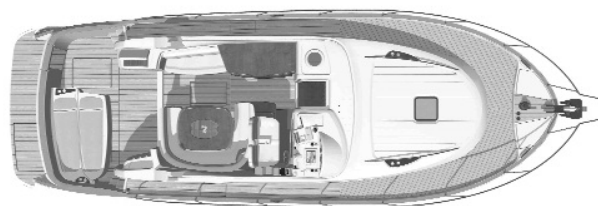
- COCKPIT -

- The self-draining cockpit can be personalised by different fittings: sun bathing bench seat, grill, icemaker etc.
- 3 lockers with gas struts provide 2 stowage lockers and the engine access hatch.
- The starboard bathing ladder, with teak rungs, is built into the bathing platform.
- The transom (teak available as an option) disguises an access hatch to the liferaft stowage (dimensions: 96 cm wide, 46 cm high and 40 cm deep).
- Two underwater spotlights (option) are fitted to the bottom of the hull for manoeuvring at night.
- Gate to port with safety flaps and strengthened hinges allows easy access to the cockpit from the bathing platform.
- Cockpit shower with hot and cold pressurised water.

- HARD TOP -

The hard top comprises a frame to support the radar and an opening roof to allow in natural light and for better ventilation in the wheelhouse.

The opening roof is GRP and tinted PMMA, designed specifically for the Flyer 12 (with electric opening on the instrument panel, and fitted with a security system).



INTERIOR ACCOMMODATION AND WHEELHOUSE

- SALOON -

Woodwork in fruitwood stained Moabi

- Headroom: 1.96 m.
- The cabin soles are in GRP and can be fitted with teak flooring and/or carpet.
- The U-shaped saloon contains numerous stowage lockers.
- The glass sliding door aft consists of 2 panels with stainless steel frames.
- The saloon table is extendable and also height adjustable (for meals or cocktails).
- The elegant sideboard to port hides the galley.
- The windscreen and the sliding side windows are in tinted glass.
- All woodwork is carried out by Bénétteau in pear-coloured Mukali.

B – "Large Saloon" Version:

The saloon is completed by a two-seater benchseat on the port side and comprises:

- Single sink with stainless steel basin.
- 20 L microwave oven.
- Slide-out wastebin.
- 2-ring glass-ceramic hotplate.
- Cutlery drawer.
- 80 L electric refrigerator.

- HELM POSITION -

The instrument panel comprises all operating dials placed around the main navigation screen (see electronics pack).

- Alarm and rev. counter.
- Engine temperature, trim and helm angle indicators, fuel gauges.
- Controls for electric windlass, bow thrusters *, navigation lights and foghorn.
- Controls for opening roof.
- Electric steering control to engines *.
- Steering compass with light.
- Height adjustable 3-spoke sport steering wheel (only with IPS system).
- Headroom at helm position: 1.65 m.

* According to option and engine version.

The driving position is particularly ergonomic, takes 2 people comfortably and offers:

- Double bench seat for driver and co-driver.
- Oddments locker.
- Stainless steel footrest.
- 2 windscreen wipers with built-in washer and demister.
- Radio CD / MP3 player and 4 speakers distributed between saloon and cockpit.

- PORT HEAD (OWNER'S) -

Headroom: 1.85 m.

The toilet compartment is particularly well lit, since in addition to the two opening ports, a wide translucent sky-dome diffuses light from the wheelhouse.

This compartment has a built-in inner moulding for easier maintenance and comprises:

- Marine WC (electric option).
- Glass washbasin, with designer mixer tap and hot and cold pressurised water, in teak surround.

- Shelf.
- Mirror.
- Holders for bathroom accessories.
- Teak slatted separate shower.
- Electric drainage pump to shower.

- STARBOARD HEAD -

Headroom: 1.85 m.

This head compartment is fully equipped as it contains:

- Marine toilet (electric as an option).
- Glass washbasin, with designer mixer tap and hot and cold pressurised water, in teak surround.
- Locker (or space for optional 50 L holding tank).
- Mirror.
- Holders for bathroom accessories.
- Shower.
- Electric drainage pump to shower.

- PORT CABIN -

With 1.90 m headroom at the entrance, the cabin comprises:

- 1 double berth (1.90m x 1.40m).
- Marine mattresses to ensure maximum comfort
- Hanging locker.
- Shelving along the hull and bed head by the entrance for personal effects.

Lighting is provided by:

- 2 LEWMAR opening ports to hull and coachroof.
- 2 deckhead lights.
- 2 adjustable reading lights.

- FORECABIN (OWNER'S) -

With 1.90 m headroom, the cabin comprises:

- Central double berth (2.00 m x 1.40 m) with two large stowage lockers.
- Marine mattresses to ensure maximum comfort
- Stowage units suspended along the hull.
- Hanging locker and lockers.
- Unit supporting flat screen TV (TV + DVD as option).
- One LEWMAR opening hatch with blind.
- 2 LEWMAR opening hull ports with curtains.
- Lighting by means of deckhead lights and 2 reading lights.
- Padded cracked white headlining.
- Dressing table with mirror.
- Wooden sole with black inlay strip.

ELECTRICAL EQUIPMENT

Comprising:

- 15-switch 12V and 220V electrical panel in companionway.
- 220V shore supply.
- One 220V socket to each cabin.
- Two 220V sockets to saloon.
- TV sockets to saloon and forecabin.
- 2 x 12V - 140 Amp. engine batteries and 6 x 12V - 50 Amp service batteries.
- 40 Amp/h battery charger.
- 2 fuel gauges and an engine hour meter.
- 1000 W electric windlass.
- Navigation and anchor lights.

ENGINE

The engines have been chosen according to BENETEAU specifications (reliability, low vibration, reduced smoke emission, compactness).

The whole boat and the hull in particular have been designed in close collaboration with Volvo to improve handling and performance.

This boat is offered with the choice of two propulsion methods:

- IPS twin-engine (IPS500 – 370HP) propulsion system
- Classic twin-engine shaft drive propulsion system with the choice of 2 engines – Volvo D4 300HP (2 x 220.6KW) or 2 Volvo D4 370HP (2x 272KW) engines
- 4-blade double counter-rotating propellers (with IPS).
- Engine room insulated with high-density foam.
- Fire extinguishing system activated from the wheelhouse.
- 1200 litre fuel capacity in 2 aluminium 600 L tanks.
- Fuel filter with sediment reservoir.
- Seawater strainer.
- Fresh air intakes in hull sides for engine room bilge cooling.
- Forced hot air evacuation (electric fans).
- Engine compartment lighting by means of fluorescent tubes.

WATER SYSTEM

- 1 manual bilge pump in cockpit.
- 2 electric bilge pumps, including 1 automatic.
- Pressurised hot and cold water system.
- 25 L calorifier with 220V heat exchanger.
- Shower with hot and cold water.
- 320 L rigid water tank situated under after berth.

OPTIONS

- ELECTRONICS PACK 2008-

- Raymarine Series E 120 multifunction screen.
- Black box depth sounder.
- GPS Raystar 125 aerial.
- 2 Kw 24 Mn radome aerial.
- Raymarine ST6001 Autopilot.

- THRUSTER YACHT CLUB PACK -

- Bow thruster.
- "Quiet flush" electric WC in owner's cabin.
- Seawater washing pump.
- Complete ground tackle: 20 Kg Delta anchor, 10 mm diameter chain.
- 6 person table setting.
- Interior curtains to side and aft picture windows.

- PACK YACHT CLUB JOYSTICK IPS -

- Joystick IPS Volvo.
- "Quiet flush" electric WC in owner's cabin.
- Seawater washing pump.
- Complete ground tackle: 20 Kg Delta anchor, 10 mm diameter chain.
- 6 person table setting.
- Interior curtains to side and aft picture windows.

- OTHER OPTIONS -

- Ruby red or steel blue hull.
- 2nd "Quiet Flush" electric toilet in starboard cabin.
- Washing machine.
- Dishwasher.
- 9.5 KVA generator.
- 20" LCD TV + integral DVD player (owner's cabin/or saloon)
- TV aerial.
- 2 holding tanks with 80 L capacity.
- Underwater spotlights (bottom of hull below transom skirt).
- 220 L grey water tank.
- Teak bathing platform.
- Teak to cockpit.
- Teak side decks.
- Teak in saloon.
- Carpet in saloon.
- Cockpit benchseat convertible to double sunbathing platform.
- Grill + icemaker unit in cockpit.
- External blinds to wheelhouse.
- Ground tackle.
- Mooring kit.
- Saloon convertible to double berth.
- Sunbathing mattress forward.
- Bulwark with fishing rod holder (no teak).
- 2nd engine control (cockpit).
- VHF with DSC.
- Electric bathing ladder.
- Bow thruster.
- Deck washing pump.
- Bar unit.
- 2 pouffes.
- Hydraulic gangway.
- Fresh water shore supply
- 2400 BTU air conditioning
- Heating
- Bedspreads.
- Blue boat label (80L holding tank)

- Raymarine AIS receiver
- High gloss varnish finish
- Raymarine 240E VHF

