

## GENERAL SPECIFICATIONS

- Architect : Groupe Finot.
- Length overall : 6.40m.
- Hull length : 6.25m.
- Waterline length : 6.00m.
- Light displacement – CE Standard : 1245Kg.
- Beam : 2.48m.
- Draught : 0.70m / 1.80m.
- Air draught : 10.40m.
- Maximum outboard engine power : 8KW.
- Gross tonnage : 3.99 Tons.
- CE Certification : B4 / C6 / D6.
- Unsinkable (French Merchant Navy).

## SAIL AREA

Sail area :	25.20 m <sup>2</sup> .
Mainsail :	13.03 m <sup>2</sup> .
Genoa 110% :	11.54 m <sup>2</sup> .
Asymmetric Spinnaker :	31.11 m <sup>2</sup> .
Symmetric Spinnaker :	34.77 m <sup>2</sup> .

## SAIL PLAN

I :	8.59m.
J :	2.40m.
P :	8.24m.
E :	2.85m.
LP :	2.64 m. (110 % Foretriangle).
SL :	8.47 m.
SMW :	4.32 m.

## TECHNICAL SCHEDULE

The FIRST 21.7 is designed in accordance with European RCD requirements and CE Certification. These regulations ensure that she incorporates the minimum safety requirements, including :

- Safety and protection of persons on board.
- Durability of materials.
- Stability and safety.
- Safety when manoeuvring.
- Fire protection.
- Environmental protection.

### - HULL -

The hull is a single-skinned GRP laminate. A **structural inner moulding** formed with unidirectional materials is bonded and laminated to the hull at various points. This **plays an important structural role** by absorbing the loads and pressure points (shroud chain-plate tie rods, keel, rudder, etc.) throughout the structure, **spreading** these to reduce stresses on the hull. The surface material of the inner moulding makes it **easier to clean** and provides a **better finish**.

Buoyancy foam sections are distributed within the hull structure.

The hull gel coat is grey in colour.

### - DECK -

The deck is of injection moulded (glass fibre/balsa/resin sandwich) construction for enhanced strength and optimal insulation.

### - HULL DECK JOINT -

The hull deck joint is formed by an unvarnished teak toerail, bonded and screwed in position. Its mechanised assembly ensures that the hull deck joint is watertight, and provides extra safety while moving about on deck.

### - KEEL -

A manual worm-screw system, operated by a winch handle, is used to pivot and manoeuvre the cast-iron keel.

To improve their durability, the keels undergo treatment prior to assembly in the factory (anti-corrosion and improved finish, being coated and painted with an epoxy-

compound based material). Adjustable runners are used for controlling this assembly.

### - STEERING SYSTEM -

The twin GRP rudders are raised by a sleeve system. The teak tiller has an extension with universal joint.

## ON DECK

### - MOORING AND ANCHORING -

- Aluminium bow fitting with stainless steel fairlead roller.
- 2 fairleads on the bow fitting.
- 2 aluminium bow mooring cleats.
- 2 aluminium stern mooring cleats.
- Self-draining chain well.

### - PULPITS AND GUARDRAILS -

The boat has a stainless steel pulpit with three supports to simplify anchor handling, and two stainless steel pushpits.

The deck is surrounded by a stainless steel guardrail supported by 4 stainless steel stanchions with flush anodised aluminium bases.

### - COCKPIT -

The cockpit is equipped with:

- 2 locking wet lockers.
- Manual bilge pump.
- 2 teak toerails on the cockpit benches.

### - BATHING PLATFORM AND TRANSOM -

The transom has a stainless steel bathing ladder and handrail.

### - MAST AND BOOM -

The mast is a classic anodised aluminium 9/10 with a single aft-swept spreader.

The boom is anodised aluminium with two reefing lines and a mainsail outhaul.

**- STANDING RIGGING -**

This is 1x19 wire rigging and comprises :

- 2 shrouds.
- 2 aft lower shrouds.
- Stay.
- Backstay with tensioner tackle.

The standing rigging is fixed by stainless steel chain plates on the shrouds and lower shrouds anchored to the hull deck joint.

**- RUNNING RIGGING -**

The principal control lines are led back to the cockpit and comprise :

- Jib furler line.
- Jib halyard.
- Mainsail halyard.
- 2 reefing lines.

The running rigging is controlled by :

- 2 flat deck blocks to lead the halyards back to the cockpit.
- 4 jammers and 1 jam cleat for genoa furler line.
- 2 coiling cleats.
- Winch handle.

**- GENOA SYSTEM -**

- Genoa furler supplied as standard.
- 2 jib traveller tracks on the coachroof with adjustable cars with ball bearings.
- 2 jib sheets.
- 2 cleats.

**- MAINSAIL SYSTEM -**

- The mainsail tackle is snap-shackle mounted on the cockpit sole to leave the cockpit unimpeded for mooring or when in port.
- The tackle consists of a 4-part sheet with jamming cleat.
- Boom vang.
- Outhaul tackle on boom.

**- WINCHES -**

The winch system comprises :

- 2 Harken H08A aluminium winches (1 port and 1 starboard) for genoa sheets, halyards and reefing lines.
- 1 winch handle.

**- PORTS, HATCHES AND COVERS -**

- 2 oval fixed hull ports.
- Circular opening deck hatch for the forward cabin.
- Articulated companionway hatch for increased headroom.

**- ELECTRICAL EQUIPMENT -**

- 1 x 12V 50Amp battery.
- 6 switch 12V electrical panel.
- Navigation lights.

**INTERIOR FITTINGS**

The light coloured woodwork is pear-coloured Mukali.

**- FORWARD CABIN -**

- Double berth with 1.90m x 1.40m mattress.
- "Ilet" upholstery.
- Wood shelving units along hull sides.
- Under berth stowage.

**- GALLEY -**

- Sink.
- Port and starboard stowage.
- Small varnished wood sole area.
- Space for hob.

**- SALOON -**

- 2 single berths 2.20m x 0.60m with mattresses.
- Cream coloured PVC "Frégate" upholstery.
- "Ilet" fabric curtain with pole separating cabin from saloon.
- Stowage under cockpit and berths.

- 2 fixed hull ports.
- Manual bilge pump.
- GRP non-slip treated sole.
- 2 hooks for hanging oilskins.
- Stowage space for saloon/cockpit table below companionway.
- Lined inner ceiling finish to coachroof.
- Lighting (striplight on beam).

**- YACHT CLUB PACK (optional) -**

- 4 full hull-length movable storage nets fixed on 2 stainless steel bars to port and starboard.
- 4 person table setting with Bénéteau logo.
- Stainless steel movable hob with storage case.
- 35L fresh water tank with manual pump.
- Saloon or cockpit table.
- Bulkhead steering compass.
- Teak-slatted cockpit benches.

**- SAIL KIT (optional) -**

- Mainsail - 4 battens with 2 reefing lines.
- Furling genoa with anti-UV strips (110%).
- Lazyjack.

**- SPINNAKER OPTIONS -**

- Asymmetric spinnaker rigging with small pole (2 sheets, halyard, small pole + base, articulated pad eye, block with snap shackle).
- Symmetric spinnaker rigging with pole (2 sheets, halyard, jam cleat, aluminium pole, pole uphaul, pole downhaul, 2 blocks with snap shackle).

**- PACK NAV (optional) -**

Pack n°1 2005.