

### MAIN TECHNICAL DATA

Hull length .....	18,00 m / 59'	Displacement with average max. load ..	32,65 t / 72 000 lbs
L.O.A .....	19,00 m / 62'3"	Ballast.....	7,20 t / 15 900 lbs
L.W.L. ....	16,85 m / 55'10"	Main sail area.....	77 m <sup>2</sup> / 829 ft <sup>2</sup>
Beam .....	5,35 m / 17'4"	Genoa .....	88 m <sup>2</sup> / 947 ft <sup>2</sup>
Width at water line .....	4,53 m / 14'10"	Staysail (option) .....	39 m <sup>2</sup> / 420 ft <sup>2</sup>
Draft .....	2,35 m / 7'8"	Diesel engine .....	175 HP / 128 kW
Height from water line .....	26 m / 85'4"	Fuel tank capacity.....	900 litres / 240 US gal
Weight unloaded (without options) .....	28,95 t / 63 800 lbs	Fresh water tank capacity.....	700 litres / 185 US gal

### CONSTRUCTION

- Vacuum resin infusion moulding.
- Monolithic fiberglass (hull bottom) and PVC closed cell foam sandwich (upperworks and deck)
- First layers in vinylester resin, plus isophthalic polyester resin.
- Frame structure in polyethylene omega-foam and plywood, laminated to the hull, as is all the joinery structure (bulkheads, furniture units, lockers, etc.). This system guarantees the highest rigidity of the whole unit and optimises load spread. Compression forces from the mast / rigging are compensated by a support pillar for the mast and bolted chain plate tie-rods for the rigging.
- The deck and bulkheads are glued and laminated together and to the hull (4 safety bulkheads with isolation valves).
- Gangways, cockpit, foredeck and aft deck: teak deck finish moulded into the deck.
- Self-bailing cockpit.
- Cast iron ballast fixed to the hull / keel by stainless steel bolts, sealing by Epoxy treatment.
- 2 monolithic laminate rudders filled with foam, with reinforced laminate edges. Stainless steel reinforced rudder stocks.
- Coppercoat antifouling.

### DECK FITTINGS

- Stainless steel bow nose with integrated anchor fairlead.
- Electric windlass controlled from the cockpit. Galvanised 50 kg Lewmar Delta anchor, 100 m of 12 mm galvanised chain (2<sup>nd</sup> electric windlass in option).
- Chain fastener.
- Stainless steel pulpit, pushpit and side rails (openings in the pushpit and side rails for easy access to quay or pontoon). Stainless steel guard line. Seats in Doussie in pushpit and pullpit.
- Lifelines installed with stainless steel padeyes on the deck, and 2 additional padeyes in the cockpit.
- LED navigation lights.
- 8 mooring cleats in stainless steel.
- Lifteraft support in side rail.
- Stainless steel chain plates.
- Sheet traveller tracks with tidy travellers
- All the controls (manual and electric) of sheets, mainsail tackle and sail furling systems are run to the cockpit.
- Mainsail tackle with electric control.
- 2 electric genoa sheet winches (black anodized Harken Performa).
- 2 manual winches for genoa sheet travelers (black anodized Harken Performa).
- 1 electric mainsail sheet winch (black anodized Harken Performa).
- 2 manual winches on the mast (black anodized Harken Performa), 2 halyard downhauls on the mast.
- 2 halyard clutches.
- 12 opening hatches on the deck, 3 opening portholes.
- On deck, 5 large lockers:
  - At the foredeck: a large sail locker (isolated by a collision bulkhead), with easy access to the chain locker, to the bow thruster compartment and to a wide space for fenders, mooring lines and extra sails. Timed lighting. Interior finish with light coloured gelcoat. Lockable from inside the boat.
  - On the aft deck: a large locker for a possible dinghy, diving equipment, fenders, etc. 230 V socket. Timed lighting. Interior finish with light coloured gelcoat. 230 V shore power socket circuit breaker. 230 V shore power cable. Galvanic isolator. Access to rudder system and autopilot. Locker hood on gas cylinders. Overflow alarm. Compartment for the optional stern thruster.
  - On the port side deck, locker with diesel and water fillers lockable from the inside of the boat
  - 2 long side lockers on aft roof.
- Large sunbathing area on the aft deck.
- The transom opens into a swimming platform, with remote controlled hydraulic opening system. Foldable ladder fitted in dedicated space in the aft part of the platform. Shower with mixing tap. Storing spaces in the transom steps. 2 foldable cleats.
- Emergency ladder into the skirt bottom.
- Carbon gangway.

### COCKPIT / HELMSMAN'S STATION

- Large, deep, comfortable and reassuring cockpit with access step.
- Hardtop strongly built from composite material, made for extremely safe sailing and extremely well protected life on board in all weathers.
- Forward and side windscreens made of glass. The central part opens as do two hatches in the roof.
- The whole unit offers an exceptional panoramic view and perfect ventilation.
- Rigid opening sunroof.
- Helmsman's station and steering wheel on portside.
- Console in front of the wheel for the electronics, together with all the electric controls (engine, windlass, furling gears, etc).
- Helmsman's seat with seat and back upholstery.
- Adjustable cockpit table in Doussie with icebox.
- Locker for varied equipment.
- LED lighting in the wheelhouse with dimmer.
- Easy-opening system for companionway door.

### RIGGING

- Carbon mast with electric in-mast furling system. Aluminum boom and hydraulic clew sheeting system. Finish: 2-component polyurethane paint
- 3 sets of spreaders.
- Adjustable rigid down-haul on the boom.
- LED deck lights: 3 on the mast, and 1 on the boom end.
- LED mooring and masthead lights.
- Dyform stainless steel standing rigging.
- Vectran and Dyneema halyards.
- Profurl electric genoa furling gear.
- 2 additional halyards in the mast.
- Boom extension for handling heavy parts (outboard engine...)

### ENGINE

- Spacious engine room, isolated in case of flooding, gathering all the technical devices.
- High density insulating foam with very efficient sound insulation.
- Several lighting points, 230 V socket.
- Access: full opening of the cockpit bottom assisted by a gas strut.
- Bilge pump.
- Volvo engine, 4-cylinder, low-speed diesel engine, 175 HP / 128 kW, hydraulic gearbox. Electric throttle.
- Shaft line transmission with strut + Aquadrive antivibration system.
- Propeller shaft break.
- Folding propeller. PSS shaft seal.
- Diesel fuel capacity: 900 litres.
- 24 V fans for the engine and batteries compartments
- Bow thruster, Side Power SE 210, 16 HP, with retractable system.

### WATER / SANITARY INSTALLATION

- Fresh water capacity (700 litres) tank under saloon floor.
- Fresh water pump in the engine room.
- 50-litre water boiler for galley and aft head.
- 40-litre water boiler for front heads.
- 60-litre compartmented grey water tank, central, with 2 bilge pumps (1 electric automatic pump and 1 manual pump)
- 3 black water holding tanks (80 litres each)

### ELECTRICAL INSTALLATION

- Generator 17,5 kW.
- 24 V and 230 V distribution boards with ammeter and voltmeters.
- 12 V circuit for engine and generator, with 12 V / 150 A alternator and 2 starting batteries (55 Ah each).
- 24 V service circuit with separate 24 V – 150 A alternator and 800 Ah battery capacity (4 Lithium batteries, Mastervolt MLI Ultra, with EasyView display).
- 230 V circuit with shore power connector at the aft, and 230 V / 24 V charger . 2 x 110 A chargers ; 2 x 4000 W inverters.
- 24 V interior lighting (mostly LED).
- 230 V and USB sockets
- 230 V circuit dedicated to the TV / HIFI (800 W inverter).
- Mastervolt 60 A charger for forward batteries.
- Solar panels on hardtop, 24 V / 525 W, with regulator.



### ALARMS

- Alarm on main sea water inlet
- Overflow alarm in aft deck locker
- Overflow alarm in engine room
- Grey water level
- Smoke detector in the saloon
- Battery temperature
- Battery charge level

### NAVIGATION ELECTRONICS

- Furuno GP330 GPS
- B&G Hydra 5000 central navigation unit: 1 GFD at navstation, 1 GFD in the cockpit, and 1 analogue display in the cockpit.
- Garmin 315 I VHF at navstation.
- Furuno Navpilot 711C hydraulic autopilot.

### SAILS AND ACCESSORIES

- Tri-radial cut Hydranet mainsail with UV protection.
- Tri-radial Hydranet genoa with UV protection.
- 4 x 12 m of mooring lines
- 2 x 20 m of mooring lines
- 8 fenders
- Owner's manual, drawings, diagrams and equipment manuals.

### INTERIOR FITTINGS

#### **Woodwork**

- Wood finish: light Oak or American Walnut with a matt varnish.
- Laminate flooring (light oak finish).
- Many handrails, lighting by spotlights and wall lamps (mainly LED).

#### **Storage**

- Numerous storage spaces on board including cabinets, drawers, lockers, hanging lockers and under sole lockers.

#### **Trimming and upholstery**

- High quality standard upholstery and trim. Different upholstery available on request.
- Black-out blinds on all the port lights.
- Black-out blinds and fly screens for all deck hatches.
- Lee protections for the berths

### SALOON / CHART TABLE / GALLEY

#### **Saloon:**

- Bright and spacious. Provides an excellent view of the outside. 4 opening hatches, 6 fixed roof portlights, 4 large hull portlights.
- Lighting from LED ceiling spotlights with dimmer.
- Numerous electrical sockets.
- Saloon table for 8 guests, with very comfortable L shaped seat and second seat along the central bar cabinet. Close storage for dishes.
- Lounge area: L-shaped sofa with lee-clothe. Central wine/spirit cabinet with storage for glasses and bottles.
- TV screen on the bulkhead near chart table.
- Stereo sound system: Fusion Apollo 2 zones (saloon and cockpit/aft sundeck).

#### **To portside, the navigation station:**

- Chart table with storage space and board for the electronics.
- Easy access to 24 V power sources ; 24 V and 12 V terminal, 230 V outlets, electrical backlit 24 V board.
- Telephone induction charger.
- Very comfortable navigator's seat, swiveling and mobile.
- Excellent view outside via a large hull portlight.

#### **Galley:**

- Situated to starboard, alongside the hull.
- Functional, bright and ventilated: 2 large hull portlight and 1 opening porthole.
- Large working surface made of moulded Corian with surround.
- Double sink in stainless steel with mixer tap. Soap dispenser.
- Combination of low units, drawers and upper cabinets.
- Gimballed Miele 4-zone induction hob with pan holders.

- Gimballed Miele microwave oven.
- Extractor.
- Miele electric oven.
- 180-litre cold column (2 fridge drawers).
- 80-litre freezer with top access.
- Miele dish-washer (12 sets).
- LG combined washer-dryer (8,5 and 5 kg).
- 230 V outlets.
- Easy access to the 230 V power supply and to the generator start.
- Backlit 230 V board.

#### FORWARD: TWO CABINS WITH DOUBLE BEDS (ONE ON PORTSIDE AND ONE ON STARBOARD SIDE)

- Access from the saloon.
- Isolating doors with flood retardant system.
- Automatic bilge pump.
- Brightness and ventilation thanks to hull portlights and opening deck hatches (1 in each cabin).
- LED ceiling lights and reading lamps.
- In each cabin: Large double bed with 2 drawers and great storage space under the bed. Bed lift on gas cylinders. Lee-clothes.
- Many storage places in cabinets and hanging locker.
- 230 V and USB outlets.

#### A BATHROOM FOR EACH FORWARD CABIN

- Access from the saloon.
- Isolating doors with flood retardant system.
- Brightness and ventilation through opening deck hatches (1 in each bathroom).
- LED ceiling lights.
- Storage unit with deep washbasin and mixing tap.
- Cabinets, mirror, towel rail, toilet paper holder, clothes hooks, soap dispenser.
- Electric vacuum marine toilet (fresh water), separated from the shower, with black water tank.
- Separate shower with swing door in PMMA glass, removable floor board in Doussie, mixing tap, storage.
- 230 V outlet.

#### LARGE AFT CABIN (OWNER'S CABIN)

- Access through isolating door with flood retardant system.
- Large central double bed with 2 bedside units. Very large storage space under the bed, bed lift on gas cylinders. Lee clothes.
- Window in the hull bottom for propeller inspection
- Many cabinets, double hanging locker + drawer + 2 individual hanging lockers.
- To portside: desk / vanity (mirror) with comfortable seat.
- 2 hull portlights with blinds.
- 1 large portlight on aft part of the roof, with electric blind. 2 integrated opening portholes.
- 3 opening hatches with blinds and mosquito nets.
- Lighting / power supply:
  - Wall lamps and reading lights on bedhead
  - LED ceiling lights
  - 230 V and USB outlets
  - Telephone induction charger.
- Ensuite bathroom to portside:
  - Separate shower with swing door in PMMA glass, removable floor board in Doussie, mixing tap, storage.
  - Ventilation and brightness through opening deck hatch.
  - Storage unit with deep washbasin and mixing tap.
  - Cabinet, mirror, towel rail, toilet paper holder, clothes hooks, soap dispenser.
  - Big mirror on the door
  - LED ceiling lights
  - Electric vacuum marine toilet (fresh water) with black water tank.
  - 230 V outlet

*This document is informative. The brands of the equipment listed have been selected with the concern to offer the best quality for our sailboats, and we will always strive to keep these references. However, in the event of any supply problems, Chantiers AMEL reserve the right to replace without notice the brands concerned by other brands, maintaining an identical level of quality.*