

DUFOUR | 455

Grand'Large



>>> TECHNICAL DATA >>>

Architects :Umberto Felci / Patrick Roséo
L.O.A.:13,76 m
Hull length:13,45 m
Waterline length:11,91 m
Max beam:4,30 m
Light displacement (approx.) :10 426 Kg
Standard draft :2,20 m
Optional draft:2,00 m
Keel weight (approx.)3 000 Kg
Air draft:17,90 m
Fuel capacity:250 L
Water capacity:530 L
Engine power: 55 CV (41 kW)

>>> SAIL AREA >>>

Sail area, close-hauled: 96,20 m².
Mainsail: 41,20 m².
Genoa: 55,00 m².

>>> SAIL PLAN >>>

I :15,60 m
J :5,56 m
P :14,20 m
E :5,00 m
LP (140 % overlap)7,05 m

TECHNICAL INVENTORY

>>> CONSTRUCTION >>>

- Hand laminated GRP hull with Twaron reinforcements at keel area.
- The NPG gelcoat (the first layer of cloth is impregnated with NPG resin) forms an optimum barrier against osmosis.
- Inner moulded hull bottom, structural grid laminated to the hull. Hull portlights in the saloon. Deck in Balsa core sandwich, made by Infusion process.
- Draft 2.20m, cast iron keel, bolt loads taken up by stainless steel backing plate.
- Semi-elliptical rudder, filled with closed cell epoxy foam. Stainless steel, solid stock.

>>> DECK & DECK FITTINGS >>>

- Teak handrails on coachroof. Wooden toerail.
- Self-draining chain locker with eye bolt and integrated windlass bracket, lid with locking bolt. Stemhead fitting anchor roller.
- Pulpit with wooden step and separate green/red navigation lights.
- Pushpits with horseshoe buoy bracket, flag pole holder, navigation light, and opening cable gate with hook.
- Stanchions with two levels of life line.
- Six aluminium mooring cleats. Single stainless steel chainplate for cap shrouds/aft lower shrouds. Two chainplates for the backstay.
- Two deck fillers, one water and one for fuel.
- Mainsheet track on and adjustable traveller on coachroof. Boom vang.
- Genoa sheet tracks with piston lead blocks. Genoa sheet turning blocks on coaming.
- 8 sheave deck organizers for halyard returns, mainsail sheet and reefing lines.
- Stainless steel swan neck electric/electronic cable gland.
- Two x three clutches on coachroof.

- Two x 44.2 ST halyard winches on the roof to starboard.
- Two x 53.2 ST genoa winches on coamings close to the helmsman.

>>> COCKPIT >>>

- Teak trimmed seats, GRP sole. Two large side lockers with lids fitted with padlock hasps. GRP steering pedestals.
- Rudder stock head under helmsman's sole for installing the emergency tiller.
- Engine lever and control panel easily to hand for the helmsman on the starboard side. Transom open in centre with a tipping helmsman's seat giving access to the swim/boarding platform.
- Gas cylinder locker in aft port seat. Life raft stowage in dedicated locker under helmsman seat.
- Cockpit shower in aft locker. Folding stainless steel bathing ladder.

>>> SAILS & RIGGING >>>

- Anodised aluminium mast with double swept backed spreaders, rigged 15/16, deck stepped.
- Anchor and steaming lights. Boom topping lift cleat. Anodised aluminium boom equipped with two single line reefing system.
- Genoa furler. Grounded rigging system.
- Continuous standing rigging in single strand stainless steel cable and chrome plated bronze turnbuckles including: forestay, double backstay, cap shrouds, inter and lower shrouds.
- Pre-stretched running rigging including: Main and Genoa halyards, boom topping lift, Main and Genoa sheets, two reefing lines, outhaul line, Mainsheet car control line, furling line, boom vang tackle.
- Mainsail equipped with two broad reef bands, with battens and bag. Furling Genoa with anti-UV protection.

>>> VENTILATION & LIGHTING >>>

Very good ventilation is ensured by:

- 10 deck hatches with integrated ventilators
 - Four opening port-lights on roof with curtains
 - Permanent ventilation with two aerators, «mushroom» models
 - Two hull port-lights as well as four fixed pot-lights add to the saloon's natural brightness.
- Numerous spotlights and reading lights come in a chrome finish.

>>> INTERIOR >>>

- All joinery work is finished in prime choice Moabi mahogany, with fiddles, mouldings and framings in solid wood.
- Cabin doors have a blocking system in order to keep them open where necessary.
- Soles are in Moabi laminated floor boards.
- Saloon cushions and mattress fabrics have removable covers. The upper cabin linings are in Moabi wood, the bottom in cream coloured vinyl.

>>> COMPANIONWAY >>>

- Headroom : 1,95m
- Sliding companionway hatch and washboards in Plexiglas with stops and lock.
- Curved wooden steps and access to engine by lifting step case on jacks. Two handrails.
- Dedicated stowage for companionway door inside the boat.

>>> FORWARD CABIN >>>

- Large berth approximately 2m long with a 10cm thick mattress with washable cover. 280 litre water tank.
- Access to stowage locker under berth. Full length shelf

with sea-fiddle over the berth alongside the hull. Large hanging locker with shelves.

- Access to navigation instrument transducers.

>>> HEADS >>>

- The three cabin version has a forward head and a large head compartment with shower on the starboard side. The four cabin version has a forward head, a shower compartment on starboard, and toilet/shower unit on the port side. The aft and front heads have a manual marine toilet, moulded washbasin, large mirror and chrome plated brass mixer tap with shower unit.
- The shower has direct drainage by an electric pump

>>> SALOON >>>

- A large U-shaped settee is on the starboard side with cushions made out of foam with washable covers. A central fixed settee has a hinged stowage area underneath.
- Further stowage is available under seats and behind backrests. Stowage lockers with doors and bookshelf above the settee.
- The saloon table has a bottle rack in the centre and fiddles. Stainless steel mast pillar.

>>> GALLEY >>>

- Longitudinal shaped galley with large Corian® worktop. Double stainless steel sink.
- Chrome plated brass mixer tap for pressurised water.
- Cooker - three burner stove with oven and grill on gimbals.
- Icebox with minimum capacity 100 litres. 12V electric refrigerator unit (150 litres). Stowage boxes, with separated compartments.
- Cutlery drawer and PVC stowage baskets. Upper cabinets, one of which can house a microwave oven. Crumb tray under sole.

>>> CHART TABLE >>>

- Large format chart table with a hinged desk top.
- Ergonomic wooden seat with stowage underneath. White vinyl cushion. 45° angled instrument console. Stowage under chart table with drawer. Oilskin hanging locker.

>>> AFT CABIN(S) >>>

- Double berth approximately 200cm long. 10cm thick mattress with washable cover.
- Large hanging locker with double door and shelf above.
- Shelf with sea-fiddle over berth. Access behind engine, oddments tray on top.
- 250 litre fuel tank under starboard berth. 250 litre water tank under port berth.
- Battery switches on the vertical area of the starboard berth.
- Technical area between aft berths.

>>> ENGINE >>>

- Volvo 55 hp (41 kW). Sail-drive transmission.
- Heat exchanger, anti-siphon valve. Large capacity sea water strainer.
- Control panel close to helmsman with hour meter, engine stop and tachometer.
- Alternator with battery isolator.
- Fuel tank gauge on electrical switchboard.
- Fuel filter with water separator. Emergency fuel shut-off handle.
- Engine room ventilation blower, and two ventilation hoses. Two-blade fixed propeller.
- Access to the engine from front and both sides. Independent engine bilge. Quality sound proofing using high density foam.

>>> PLUMBING >>>

- Polyethylene tanks have a total capacity of approximately 350 litres with inspection plates and electric gauges on tanks.
- Pressurised water system, 40 litre water heater.
- Electric bilge pump with strainer and controls on switchboard.
- Bilge integrated in hull and keel with easy access to strainer under floor boards.
- Manual bilge pump operated from cockpit.
- Drainage of shower water by pump(s) direct to the sea, easily accessible under the washbasin(s)

>>> ELECTRICITY >>>

- 12V DC system. Switchboard with circuit breakers, voltmeter, 12V outlet.
- 1 x 100 Ah engine battery. 1 x 200 Ah house battery. Switch for each battery.

>>> MISCELLANEOUS >>>

- Two winch handles with holder.
- Owner's briefcase with owner's manual.

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