

DUFOUR | 525

Grand'Large

>>> TECHNICAL SPECIFICATIONS >>>

Designers:	Umberto Felci / Patrick Roséo
LOA:	15.32 m
Hull length:	14.99 m
LWL:	13.74 m
Beam:	4.90 m
Displacement (empty):	16,200 Kg
Draft, standard cast-iron keel (shallow):	2.00 m
Ballast weight (shallow):	4,850 Kg
Draft, optional cast-iron/lead keel (deep):	2.35m
Ballast weight (deep):	4,500 kg
Fuel capacity:	500 L
Fresh-water capacity:	750 L
Engine power:	110 hp



>>> SAIL AREA >>>

Sail area (upwind)	124.30 m ²
Mainsail:	55.50 m ²
Genoa (140%):	68.80 m ²
Asymmetrical spinnaker (approx.):	164.00 m ²

>>> SAIL PLAN >>>

I:	17.60 m
J:	5.58 m
P:	17.25 m
E:	5.78 m
LP (140 % overlap)	7.81 m

>>> HULL >>>

The sandwich hull construction provides optimum thermal insulation and soundproofing. Plate floors lamination strengthens the hull and spreads the load of the keel and rigging. The counter mould with its perfect surface finish offers additional storage space under the floor and is easy to clean. NPG gelcoat enhances osmotic resistance.

>>> DECK >>>

The infused deck has an optimum stiffness/ weight ratio as well as an excellent thermal insulation and soundproofing. Its counter mould liner is flawless. "Diamond head" non skid surface in all the working and traffic areas. Solid laminate reinforcements are built-in for mounting hardware and fittings (winches, tracks, chain-plates, cleats). To extend the boat life, Dufour's engineering department elected to minimize the use of wooden structural inserts positioned below the deck hardware.

>>> HULL/DECK JUNCTION >>>

A straight deck line forms the hull to deck joint. It ensures a watertight hull/ deck assembly and improves the safety when moving about on deck. The wooden deck edge profile highlights the deck line and acts also as a non-aggressive foot protection. The flat joint between the transom and the hull contributes to the overall aesthetics.

>>> KEEL >>>

The keel undergoes a factory life-extending treatment before assembly (anti-corrosion and improved finish with epoxy-based paint and coatings). The large sole-plate keel is bolted to the boat through a

stainless steel backing-plate. The (bulb) keel is made of cast iron - draft 2.00 m. An optional deep keel made of cast-iron and lead with a 2.35m draft offers better sailing performances (reduced heeling and improved upwind sailing) with a reasonable draft, a lowered center of gravity and increased stability.

>>> STEERING SYSTEM >>>

- 2 stainless steel, leather-wrapped, steering wheels. Diameter: 1,100mm
- The wheels can be comfortably steered from the helmsman's side bench. Transmission system via chain and cranks connected to the rudder quadrant.
- Semi-elliptical rudder blade – based on latest hydrodynamics research – filled with high density cellular epoxy to prevent water infiltration.
- The solid stainless steel stock of the rudder blade is mounted with self aligning bearings offering lighter and more accurate steering in all weather conditions.
- Stainless steel emergency tiller with deck access trap.

>>> MOORING AND ANCHORING >>>

- The mooring and docking equipment includes:
- Self-draining anchor locker with hatch cover.
 - 1.5 kW Electric windlass, vertical mounted. Remote control box located in the sail locker.
 - 1 chainwheel.
 - 2 bow rollers with stainless steel stemhead fittings (boat can be sailed with anchor secured on deck)
 - 6 stainless steel cleats for mooring lines and springs.
 - 6 stainless steel rubbing plates.
 - Fender storage in stern locker or sail locker.
 - 1 Delta anchor 25kg
 - 30m anchor chain Ø 12 and 60m cable Ø 22
 - 2 x 15m mooring lines Ø 18, 1 x 42m mooring line Ø 18
 - 6 large fenders.

>>> SAFETY >>>

- Open bow pulpit in stainless steel facilitating boat access and spinnaker handling. 2 stainless steel stern pulpits with life buoy, flag and outboard engine brackets. The boat is ringed by double life lines with 2 large gates. The life lines stanchions are held by stainless steel plates bolted to the deck.
- 2 cabin top teak handrails ensure safer mobility on deck.
 - 1 handrail aft of the cockpit table.

- 2 handrails above the companionway.
- Padeye for safety harness.

All lines are running below deck in order to leave an uncluttered coach roof. 1 line storage locker in front of the companionway provides convenient line storage in the cockpit.

>>> COCKPIT >>>

- Self-draining cockpit, with floor made of non-skid polyester.
- Large cockpit benches with teak trims. Comfortable and safe cockpit side coamingss with teak covered winch areas.
- Large fixed cockpit table with teak top, stainless steel handrails and drop-down leaves. Lots of space around the table with seating accommodation for a large number of people.
- Open storage compartment behind each helm console.
- 1 line locker at the entrance of the companionway to store Loose lines.
- Sliding Plexiglas® companionway hatch.
- The companionway spray hood (with 3 bows) - Dufour Yachts' colors - is built into the coach-roof and fitted with leather-wrapped stainless steel handrails.
- Instrument panel above the companionway.
- Gas locker.
- Cockpit lighting with a spotlight built into the boom.

>>> SWIM PLATFORM and TRANSOM >>>

- Large aft swim platform with teak trim.
- Removable swim ladder with teak steps. Removable ladder with teak steps for side gates. Cockpit shower with hot and cold water.
- The transom storage compartment with a hinged and hydraulic ram mounted door offers a large enclosed space (the size of a tender) above the life raft locker. It turns into a pleasant swim platform when door is closed.

>>> MAST AND BOOM >>>

- Deck-stepped, anodized aluminum, 9/10 fractional rig.
- Double spreader design with 20° swept back spreader bars.
- Slide equipped mast.
- Mast steps.
- Anodized aluminum boom.
- Deck flood light.

>>> BOWSPRIT >>>

Retractable spinnaker bowsprit with tack position adjustable from cockpit.

>>> SAILS >>>

- 140% furling genoa with UV protection.
- Standard mainsail with roller-type traveler and two reef bands.
- Drakkar logo on the mainsail.
- Lazy jack.
- 1 Lazy bag (Dufour Yachts colors).
- Mainsail tackle and traveler with lines return aft to cockpit.

>>> GENOA FURLING SYSTEM >>>

- FACNOR LS290 twin-groove genoa roller furler with furling line.
- Genoa furling line led aft to cockpit with 2 lead blocks, 6 fairleads and 1 line jammer on deck port side.
- 2 genoa tracks with Harken piston-adjustable travelers.

>>> STANDING RIGGING >>>

- Continuous-type Dyform rigging.
- Backstay bridle with twin turnbuckles.
- Single forestay.

>>> RUNNING RIGGING >>>

- 1 Mainsheet returned to cockpit.
- 1 Mainsail halyard returned to cockpit.
- 1 Boom topping lift with mast cleat.
- 2 automatic reefing lines returned to cockpit. 1 Mainsail outhaul returned to cockpit.
- 1 Rigid boom vang with twofold purchase returned to cockpit.
- 2 genoa sheets.
- 1 Genoa halyard returned to halyard winch.
- Operation of the running rigging: Mainsail track on coach-roof, 10 Spinlock XTS jammers, 2 Spinlock XAS jammers. 2 x 5 sheave deck organizers.

>>> WINCHES >>>

- Aluminum self-tailing winches (HARKEN):
- 2 x H 60 STA genoa winches.
- 2 x H 48 STA house top winches
- 2 aluminum winch handles with boxes.

- Thanks to their aft position winches are within easy reach of the helmsman.

>>> PORTS, HATCHES, and COVERS >>>

- 5 opening ports in coach-roof.
- 6 fixed ports in coach-roof.
- 6 hull ports.
- 4 opening ports in cockpit.
- 5 Lewmar T60 opening deck hatches with built-in blinds and mosquito screens.
- 2 Lewmar T44 opening deck hatches with built-in blinds and mosquito screens.
- Sliding Plexiglas® companionway hatch. Companionway door sliding down in cockpit floor. T70 deck hatch access to sail locker.

>>> ENGINE >>>

- Factory installed 110 hp Volvo engine with prop shaft transmission.
- Efficient foam soundproofing.
- Engine compartment ventilation with 100 mm ducts leading to invisible transom vents.
- Engine sump.
- Engine control lever and control panel built into aft swim platform, behind the port helm console.
- Rev counter and hour meter.
- 3-blade fixed propeller.
- 2x 250 L rotomoulded fuel tanks under aft cabin berths, with electric fuel gauge display at navigation station.
- Fuel filter with water separator, plus sea-water filter and anti-siphon valve.
- Light in the engine compartment.

>>> ELECTRICAL >>>

Power:

- Engine start battery (12 V / 135 Ah)
- 3 house batteries (12 V / 3 x 135 Ah)
- The battery bank is fitted with a relay. House batteries are stored under the floor at the landing of the companionway.
- 300 W power converter with laptop outlet.
- High-output 120 Ah generator.
- Electrical equipment:
- Electrical panel with 21 functions on 12 V and 6 functions on 220 V, including:
- Voltmeter for engine and house batteries (220 V and 12 V).

- Amperage consumption meter.
- Electrical water level gauges.
- Electrical fuel gauges.
- The 12 V electrical circuit is protected by circuit-breakers.
- The 220 V circuit has 2 protection levels: 1st level - magneto-thermal circuit-breakers (one per function), 2nd level - overall 30 mA circuit-breaker at the electrical panel.
- 60 Ah battery charger.
- Shore supply inlet forward of swim platform.
- Deck flood light.
- LED cockpit light at boom end.
- 220 V power sockets in all parts of the yacht — 2 in forward cabin(s), 1 for the chart table, 1 each in aft cabins, 1 in galley.
- Chrome-finish halogen ceiling lights.
- Chrome-finish reading lamps.
- Boat pre-fitted for optional wiring.
- Navigation lights:
- LED port and starboard navigation lights on bow pulpit.
- LED stern light on stern pulpit.
- LED steaming and anchor lights on mast.

>>> PLUMBING >>>

- Hot-water supply system with 60 L water-heater located in the saloon to starboard.
- Fresh water (750l) is stored in:
- 1 x 280 L rigid rotomoulded water tank below berth in forward cabin.
- 2 x 210 L rigid rotomoulded water tanks in saloon to port and starboard.
- Tanks are fitted with electrical level gauges.
- Fresh-water system with electric pump.
- Foot pump for fresh and sea water.
- 2 bilge pumps: one manual and one electric.
- Cockpit shower with hot and cold water.

INTERIOR

8 layout versions: 3, 4 or 5 cabins; 2, 3 or 4 heads; L-shaped or linear galley.

Floors are made of Moabi. (Wenge wood also available - see pricelist). Interior woodwork uses first-grade Moabi and Wenge wood. Beadings, trims and locker door surrounds are all solid wood. All the closet doors are equipped with upper venting louvers. Interior lighting is provided by a large number of halogen ceiling lamps and reading lamps. All the cushions have easily-removed covers..

>>> COMPANIONWAY >>>

- Headroom below hatch: 2.05 m.
- Wooden companionway.
- Engine access beneath companionway (holding jack keeps cover open, compartment light). Stainless steel hand rail.
- A sliding Plexiglas® hatch covers the companionway.
- House batteries stored beneath floor at companionway landing

>>> CHART TABLE TO STARBOARD >>>

- Headroom: 1.95 m.
- Forward-facing chart table with laptop slot.
- Cabinet with shelf under the chart table.
- Upper cabinet along hull.
- Bookcase.
- Instrument panel.
- Chart reader.
- 12V and 220V panels with engraved function tags in both English and French.
- 1 x 12V socket.
- 1 x 220V socket.
- Water and diesel fuel gauges.
- Navigation seat with back and seat cushions
- Fixed ports in coach-roof side.

>>> AFT HEADS PORT/STARBOARD >>>

- 1.88 m headroom.
- Polyester bulkheads protecting the woodwork from water sprays.
- Sea-toilet with lid.
- Shower tray.
- Synthetic resin wash-basin, upper cabinet, mirror, toilet accessories, single-lever mixer tap and shower-head.
- Electric shower waste pumps discharging into sea.
- 45 L rotomoulded toilet waste tank (deck pump out and macerator pump) in starboard aft cabin.
- Light.
- 1 opening port in coach-roof side coamings.

>>> AFT CABINS >>>

- 1.88 m headroom.
- Double berth 2.02 m x 1.52 m / 1.03 m.
- Storage under berth.
- Hanging locker with light and shelves.
- Upper cabinet along the hull.
- Central locker between the two cabins.

- Hull / ceiling liner in wood and leatherette.
- 4 lights.
- 2 ports opening into cockpit and 1 hull port.
- 220 V power socket.

>>> SAIL LOCKER >>>

1 x T70 deck hatch. Stainless steel ladder. Rail for hanging lines. Ceiling light. Lewmar vent. Water drainage into the bilge. Headroom 1.8m

Single forward cabin version

(versions 1, 3, 5, 7)

- 1.92 m headroom
- Door and access to en-suite head.
- Cabinets with doors along the hull on port and starboard.
- Hanging locker with light and shelves to port, and a cabinet to starboard.
- 6 lights.
- Hull liner.
- 3 opening deck hatches with vents, black-out blinds and mosquito screens.
- 2 hull ports.
- Central berth.
- Seat in front of hanging locker on port side.
- Storage under berth with 2 drawers.
- 2 sockets 220V.

>>> FORWARD HEAD >>>

- Headroom: 1.92 m.
- Polyester bulkheads protecting the woodwork from water splash.
- Marine head with lid.
- Shower with Plexiglas® door behind bulkhead.
- Synthetic resin wash-basin, upper cabinet, mirror, toilet accessories.
- Shower drainage electric pump (discharge into the sea).
- 1 x T44 deck hatch.

Twin forward cabin version

(versions 2, 4, 6, 8)

- 1.92 m headroom
- Access door to en-suite heads.
- Cabinets with doors along hull.
- Hanging locker with light and shelves in port cabin; cabinet in starboard cabin.
- 4 light fittings.



- Hull liner.
- Opening deck hatch in each cabin with vent, black-out blind and mosquito screens.
- 2 hull ports.
- Berth.
- Seat with cushion against the hull at the foot of each berth.
- Storage under berths.
- 220 V socket in each cabin.
- Dressing table with storage space on the port side.

>>> FORWARD HEADS >>>

- Headroom: 1.92 m.
- Polyester bulkheads protecting the woodwork from water spills.
- Sea-toilet with lid.
- Shower tray.
- Synthetic resin wash-basin, upper cabinet, mirror, toilet accessories.
- Shower drainage by an electric pump (discharge into the sea).
- T44 deck hatch.

L-shaped galley version

[versions 1, 2, 5, 6]

>>> SALOON >>>

- Headroom: 1.96 m.
- Saloon with U-shaped lounge banquette to starboard and long lounge banquette to port. A central settee can be used to accommodate 2 extra guests at the table.
- 2 low cabinets are used as arm rests for the port lounge banquette and offer extra storage.
- Cabinet against forward bulkhead.
- Storage to port behind backrests.
- Fixed saloon table: 1.2 m x 0.9 m with aluminum legs and central bottle storage.
- Lockers and cabinets with doors along the hull, storage behind the lounge backrests.
- Wood finished hull liner.
- 6 ceiling lights and 4 bulkhead lights.
- T60 opening deck hatch with built-in black-out blind and mosquito screen.
- 1 vent.
- 2 hull ports.

>>> L-SHAPED GALLEY DESIGN >>>

- Headroom: 1.96 m.
- Corian® worktop surrounded by a wooden handrail.
- Double sink with resin cover also used as a cutting-board.
- Waste bin below sink.
- Under-sink storage and cutlery drawer.
- Sliding storage bins.
- Storage lockers along hull.
- Gimballed stainless steel gas cooker.
- Model: 'Bretagne Evolution' with oven and 3-burners, stainless steel handrail and anchoring for safety strap.
- Bottle storage.
- Crockery securing system in dish cupboard.
- 2 opening ports in coach-roof coamings.
- 6 ceiling lights and 1 spotlight.
- 175 L top-loading cooler with 12 V cool-box.
- 130 L front-opening fridge.
- Optional: 100 L freezer.

Linear galley version

[versions 3, 4, 7, 8]

>>> SALOON >>>

- Headroom: 1.96 m.
- Saloon with U-shaped lounge seating to starboard and central lounge seat that can be used to accommodate 2 more guests at the table.
- Storage cabinet to port of companionway and large oilskin locker.
- Cabinet to starboard against forward bulkhead.
- Fixed saloon table: 1.2 m x 0.9 m with aluminum legs and central bottle storage.
- Lockers and cabinets with doors along the hull, book-case behind the lounge backrests.
- Wood finished hull liner.
- 5 ceiling lights and 2 bulkhead lights.
- T60 opening deck hatch with built-in black-out blind and mosquito screen.
- 1 vent.
- Hull port on starboard.

>>> Linear GALLEY >>>

- Headroom: 1.96 m
- Corian® worktop surrounded by wooden handrail.
- Double sink with resin cover doubling as a cutting-board.

- Waste bin below sink.
- Counter top waste bin.
- Under-sink storage and cutlery drawer.
- Sliding storage bins.
- Storage lockers along hull.
- Gimballed stainless steel gas cooker.
- Model: 'Bretagne Evolution' with oven and 3-burners, stainless steel handrail and anchoring for safety strap.
- Bottle storage.
- Crockery securing system in dish cupboard.
- Central hull port.
- T60 deck hatch, 1 hull port.
- 5 ceiling lights, 1 spotlight.
- 175 L top-opening 12 V cool-box

Miscellaneous

- Crockery set bearing the Dufour logo for 10 people.



DUFOUR YACHTS
11 rue Blaise Pascal
FR - 17187 PERIGNY
www.dufour-yachts.com

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