

- Standard Description -

445



DUFOUR | 445
Grand'Large

- Standard Description - DUFOUR 445 *Grand'Large* - February 2011 -



DUFOUR
YACHTS

DUFOUR | 445

Grand'Large

>>> TECHNICAL SPECIFICATIONS >>>

Architect / Designer :	Umberto Felci
Overall length :	13,5 m
Hull length :	13,25 m
Waterline length:	11,92 m
Maximum beam :	4,34 m
Long keel displacement no load (approx.) :	10 126 Kg
Long keel draft :	2,2 m
Short keel draft :	1,8 m
Short keel weight (approx.) :	3 050 Kg
Long keel weight (approx.) :	2 850 Kg
Air draft: :	18,4 m
Fuel capacity :	250 L
Fresh water capacity :	570 L
Engine power :	55 CV (40 kW)

>>> SAIL AREA >>>

Total area :	98,5 m ²
Mainsail area :	43,5 m ²
Genoa area (140%) :	55 m ²

>>> SAIL PLAN >>>

I (long mast):	15,8 m
J :	5 m
P (long mast):	13,85 m
E :	5,1 m
LP (140 %)	7 m

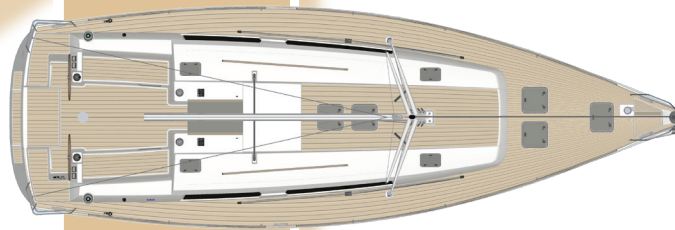
>>> CONSTRUCTION >>>

- Hand-stratified hull in polyester/fibreglass.
- Gelcoat NPG with first layer impregnated with NPG resin creating an optimal protection against osmosis.
- Counter moulded hull structure, reinforced with stratified stringers.
- Sandwiched deck with injection of PVC foam.

- Cast iron keel; keel nuts fastened to stainless steel counter plates.
- Semi elliptical rudder with closed cell epoxy foam. Stainless steel solid stock.

>>> DECK HARDWARE >>>

- Genoa tracks with car.
- 2 Genoa sheet return blocks on coaming.
- 2 port and starboard organisers deck mounted pulleys for return of halyards, mainsail sheet, reefing pendants, and manoeuvres.



- Swan neck stainless grommets for electric system and electronics.
- Roof mounted deckstoppers.
- Roof mounted halyard winches.
- 2 Genoa sheet winches on coaming near the helm.
- Solid wood railings on roof.
- Solid wood toe rails.
- Self-draining anchor locker with anchor clinch and integrated anchor windlass support, with locked hood.
- Bow fittings with double anchor roller.
- Pulpit with seat and separate green/red LED navigation lights.
- Stern pulpits with crown buoy support, staff support, navigation lights, life-lines with snap hook opening.
- 10 stanchions with 2 life-lines.
- 6 aluminium mooring cleats.
- 2 stainless chain plates for backstays and lower and mid shrouds.
- 2 backstay chain plates.
- 2 water tank fillers and 1 fuel tank filler.
- Mainsail track on roof with adjustable car. Downhaul with tackle.

>>> COCKPIT >>>

- Teak covered cockpit benches and helm chair.
- Polyester cockpit floor with grip.
- 2 large side chests with hoods mounted on cylinders and locking system.
- Polyester navigation panel.
- Rudder stock head under the helm chair for emergency tiller fitting.
- Command and engine panel on starboard steering wheel.
- Rear swinging hatch board with integrated telescopic swim ladder.
- Gas bottle storage in aft starboard locker.
- Lifeboat storage in dedicated locker under aft hatch.
- Cockpit shower head.
- 2 wooden footrests.
- Removable tank under port helm chair.
- Storage compartment under starboard helm chair.

>>> RIGGING AND SAILS >>>

- Anodised aluminium deck-stepped mast with two sets of swept spreaders.
- Anchor and streaming lights and deck projector.
- Cleat for boom topping lift.
- Anodised aluminium boom fitted with two automatic mainsail reefs.
- Genoa furling.
- Continuous standing rigging with stainless steel cable and chromed bronze turnbuckle including: backstay, double, intermediate and lower shrouds.
- Running rigging in pre-stretched textile including: mainsail and Genoa halyards, boom topping lift, mainsail and Genoa sheets, boom topping lift, 2 automatic reefing pendants, adjustable outhaul, 2 adjustments or the mainsheet car, furling line, downhaul tackle.
- Mainsail fitted with two large reef strips Genoa furling line with UV protection.
- Stainless steel compression post.

>>> VENTILATION AND LIGHTING >>>

- Optimal ventilation with 8 roof panels fitted curtains and 4 opening mushroom type deck hatches enabling proper and permanent ventilation.
- 8 hull portholes, 4 fixed roof portholes and 3 opening deck hatches with curtains.
- Electrical lighting fixtures: chrome finished overhead and reading lights.

>>> INTERIOR FITTINGS >>>

- All woodwork made out of first choice Moabi, with toe rails, mouldings and cladding made of solid and laminated wood.
- All cabin doors are double-paned with locks and an anti-vibration and blocking system when open, as well as a ventilation system.
- Laminate Moabi floorboards.
- Saloon cushions and mattresses with removable fabric covers.
- Cabin lining in marine quality wood with white lacquered finish.

>>> COMPANIONWAY >>>

- Sliding Plexiglas hatch cover and door with stoppers and lock.
- Curved teak steps.
- 2 handrails.
- Access to engine via wooden hinged hatch with cylinders.
- Exterior storage for companionway door.

>>> SAIL HOLD >>>

- Access via T60 panel with deck-hatch.
- Large storage volume with floorboards.

>>> FORWARD CABIN >>>

- Large berth, approximately 200 x 179 cm.
- 10 cm foam mattress with washable cover.
- Freshwater tank of approximately 180 L.

- Access to storage locker under berth.
- Shelf along hull side.
- 2 hanging lockers with shelves.
- 2 storage drawers.
- Access to navigation instrument sensors.
- 1 large drawer under berth.
- Tall mirror.
- Clothes hook.
- Shelf on front bulkhead with mirror.

>>> FRONT STARBOARD SEPARATE TOILET >>>

- Manual marine toilet.
- Storage facilities.
- Toilet paper holder.
- Access to toilet thru-hulls via latch.

>>> FORWARD PORT WASHROOM >>>

- Synthetic "Corian®" resin clad furnishings.
- Polyester sink with hot/cold mixer tap in chrome brass.
- Storage facilities with sliding hatch for wet laundry.
- Large mirror.
- Electric shower sump pump.
- «Corian®» synthetic resin duckboards.

>>> SALON >>>

- Large port side U-shaped bench.
- Washable bench backs and seats.
- Fixed centre bench (optionally removable).
- Storage units under the bench.
- Large salon table with toe rails fitted with removable latch and "Corian®" crumb collector.
- Storage unit under seats and behind bench backs.
- Cupboards, shelving and bar above bench.

>>> GALLEY >>>

- Galley with large countertop in "Corian®" synthetic resin and wooden toe rails.
- Longitudinal layout.
- Double-basin stainless steel sink. Chrome brass pres-

sure water cold and hot water tap.

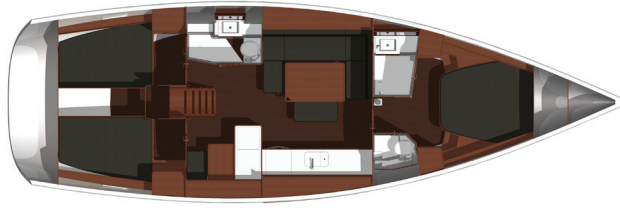
- Gas cooker with two burner stoves and dial.
- Very voluminous 12 V refrigerator (180 L) with access via countertop and front.
- 5 drawers with automatic rails.
- Open or closed shelving.
- Storage unit for microwave oven (optional) on the shelf.
- Crumb collector under floorboards.
- Double wastebasket attached to gas cooker in "Corian®".

>>> CHART TABLE >>>

- Large format charts with desk and accommodation for laptop.
- Wooden hinged seat with storage unit.
- Imitation leather cushion.
- Instrument storage unit.
- 12V electrical panel along the chart table.
- Storage unit under the chart table with 1 drawer.
- Closed panels located above the electrical panel.
- Glove compartment.

>>> AFT CABINS >>>

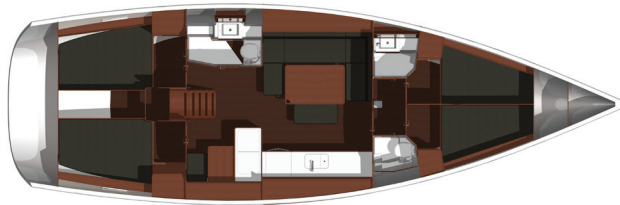
- Starboard aft cabin
- Double berth, approximately 202 x 144 cm.
- 10 cm foam mattress with washable cover.
- Large double hanging locker with shelf.
- Storage unit in front of hanging locker and in the centre compartment.
- Shelf along the lining with toe rails.
- Fuel tank.
- Clothes hook.
- Port aft cabin
- Double berth, approximately 202 x 160 cm (with generator: approximately 202 x 144 cm).
- 10 cm foam mattress with washable cover.
- 2 storage units in centre compartment.
- Large double hanging locker with shelf.
- Shelf along the lining with toe rails.
- Water tank.
- Clothes hook.
- Battery switch on technical module.



- Direct aft access to washroom.

>>> AFT WASHROOM >>>

- Access from salon or from port aft cabin.
- Manual marine toilet.
- Synthetic "Corian®" resin clad furnishings.
- Polyester sink with hot/cold mixer tap in chrome brass.
- Storage unit with sliding door, for storage or wet laundry.
- Large mirror.
- Electric shower sump pump.



- Polyester raincoat hanging locker with Plexiglas door.
- «Corian®" synthetic resin duckboards.

>>> ENGINE >>>

- VOLVO 55 CV (40 kW) Sail drive transmission.
- Heat exchanger, anti-siphon valve.
- Engine dashboard with clock, engine cut-off and REV counter.
- Alternator with load distributor.
- Tank of approximately 250 L, gauge on electric panel.
- Fuel filter with water separator.
- Emergency fuel cut-off valve.
- Ventilation through two natural entrances and forced

exit via an electrical extractor.

- Fixed two-blade propeller.
- Access to engine via front and both sides.
- Independent engine gate.
- Careful soundproofing and insulating foam lining.

>>> PLUMBING >>>

- Polyethylene water tanks with inspection latches and electrical gauges.
- Under pressure water unit. 40 L water boiler.
- Electrical bilge pump with dashboard command switch.
- Manual bilge pump operated from the cockpit.
- Draining system integrate in keel, access to filter.
- Water drainage from shower with sump pumps and evacuation into the sea.

>>> ELECTRICITY >>>

- 12V circuit.
- Board with circuit breakers and 12 volt sockets
- 100 Ah battery for engine. 100 Ah battery for service. Battery switch for each circuit.

>>> MISCELLANEOUS >>>

- 2 winch handles with casing.
- Satchel with user manual.
- Grounding of the rigging.

DUFOUR YACHTS
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The descriptions and illustrations given are for information only.

Our models may be subject to certain production improvements or modifications without notice.



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