

DUFOUR | 455

Grand'Large

« Meant to sail long distance, the new Dufour 455 attracts by her deck design and her exceptional ergonomic layouts.

Her sailing qualities and easy handling were created to meet your exacting dreams. »

New 2005



DECEMBER 2004

PROVISIONAL

CONSTRUCTION

Hand laminated GRP hull with Twaron reinforcements at keel area. NPG gelcoat with first layer of cloth impregnated with NPG resin forming an optimum barrier against osmosis. Inner moulded hull bottom, structural grid laminated to the hull. Hull port-lights in saloon. Deck in Balsa. Draft 2.00m, cast iron keel, bolts 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 laminated 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 lights, and opening cable gate with hook. Stanchions with 2 levels of life line.. 6 aluminium mooring cleats. Single stainless steel chainplate for cap shrouds/aft lower shrouds. 2 chainplates for backstay. 2 deck fillers for water and 1 for fuel. Mainsheet track on coachroof with adjustable traveller. Boom vang with 6 threads tackle. Genoa sheet tracks with piston lead blocks. Genoa sheet turning blocks on coaming. 2 x four sheave deck organizers for halyard returns, mainsail sheet and reefing lines. Stainless steel swan neck electric/electronic cable gland. 2 x 3 clutches on roof. 2 x 44.2 ST halyard winch on roof at starboard. 2 x 53.2 ST Genoa winches on coamings close to the helmsman.

COCKPIT

Teak trimmed seats, GRP sole. 2 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 at hand of the helmsman on starboard. Transom open in centre by 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.

RIGGING & SAILS

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 2 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. Running rigging in pre-stretched textile including : Main and Genoa halyards, boom topping lift, Main and Genoa sheets, 2 reef lines, outhaul line, Mainsheet car control line, furling line, boom vang tackle. Mainsail equipped with 2 broad reef bands, with battens and bag. Special furling Genoa with anti-UV protection.

VENTILATION & LIGHTING

Very good ventilation ensured by:
 *10 deck hatches
 *4 opening port-lights on roof with curtains
 *permanent ventilation by 2 aerators "mushroom" model
 2 hull port-lights as well as 4 fixed pot-lights add to the saloon natural lightness. Electric lighting provided by numerous spotlights and reading lights in chrome finish

INTERIOR

All joinery work in prime choice Moabi mahogany, with fiddles, mouldings and framings in solid wood. All cabin doors have a blocking system keeping doors opened. Soles are in Moabi laminated floor boards. Saloon cushions are in navy blue fabric. Mattresses fabrics are striped beige and cream, cabin seating cushions are in cream colour. The upper cabin linings are in Moabi wood, the bottom is in vinyl (cream colour)

COMPANIONWAY

Headroom : 1,95 m
 Sliding companionway hatch and washboards in Plexiglas with stops and lock. Curved wooden steps and access to engine by lifting step case on jacks. 2 handrails

FORWARD CABIN(S)

Large berth approx. 200cm. 10cm thick foam mattress with washable cover. Water tank of approx. 280 L. Access to stowage locker under berth. Full length shelf with sea-fiddle over berth alongside the hull. Large hanging locker with shelves. Access to navigation instrument transducers.

FORWARD & AFT HEAD(S)

3 cabin version – forward head : large head compartment with shower on starboard.

4 cabin version – forward head : shower compartment on starboard, and toilet on portside.

Aft and front head : manual marine toilet. Moulded washbasin. Large mirror, chrome plated brass mixer tap with shower unit.

Shower with direct drainage by electric pump.

SALOON

Large U-shaped settee on starboard. Cushions out of foam with washable covers. Central fixed settee with stowage access by tipping the settee mounted on hinges.

Stowages under seats and behind backrests. Stowage lockers with doors and bookshelf above the settee.

Saloon table with bottle rack in the centre and fiddles. Stainless steel mast pillar.

GALLEY

Longitudinal shaped galley with large synthetic stone worktop. Double stainless steel sink.

Chrome plated brass mixer tap for pressurised water.

Cooker 3 burner stove/oven with grill on gimbals.

Icebox with minimum capacity 100 L. 12V electric refrigerator unit (150L). Stowage boxes, 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 hinged desk top.

Ergonomic wooden seat with stowage underneath. Instrument console 45° angled. Stowage under chart table with drawer. Oilskin hanging locker.

AFT CABIN(S)

Double berth approx. 200cm. 10cm thick foam mattress with washable cover.

Large hanging locker with double door with shelf above.

Shelf with sea-fiddle over berth. Access behind engine, oddments tray on top.

Fuel tank (250 L) under starboard berth. Water tank (250 L) under port berth.

Battery switches on vertical area of 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 approx. 250 l, gauge on electrical switchboard.

Fuel filter with water separator. Emergency fuel shut-off handle.

Engine room ventilation blower, and 2 ventilation hoses. Two-blade fixed propeller.

Access to the engine from front and both sides. Independent engine bilge. Quality sound proofing high density foam.

PLUMBING

Polyethylene tanks for a total capacity of approx. 350 L with inspection plates and gauges on tanks.

Pressurised water system. Water heater 40L.

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

12 V DC system. Switchboard with circuit breakers, voltmeter, 12V outlet.

1 x 100 Ah engine battery. 1 x 100 Ah house battery. Battery switch for each battery.

MISCELLANEOUS

2 winch handles with holder. Owner's briefcase with owner's manual



For its 40th anniversary, Dufour 455 are dotted very special equipments*.

For more information, please contact your local Dufour dealer.

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Overall length	45'1 ft	13,76 m
Hull length*	44'1 ft	13,45 m
Waterline length	39'1 ft	11,91 m
Max beam*	14'1 ft	4,3 m
Waterline beam	12' ft	3,67 m

Draft	6'6 ft	2 m
Keel weight	6614 lbs	3000 kg
Keel material	fonte	
Light displacement with moorings	24251 lbs	11000 kg

Genoa area (maximum 140%)	626,5 sq ft	58,20 m ²
Mainsail area	454,2 sq ft	42,2 m ²
Asymmetrical spi area	1345,5 sq ft	125 m ²

Icebox volume	150+100 L	150+100 L
Water capacity	530 L	530 L
Water heater capacity	40 L	40 L
Fuel tank capacity	250 L	250 L
Service battery capacity	100 Ah	100 Ah
Engine battery capacity	100 Ah	100 Ah
Max engine power Volvo 41 kW	55 hp	55 cv

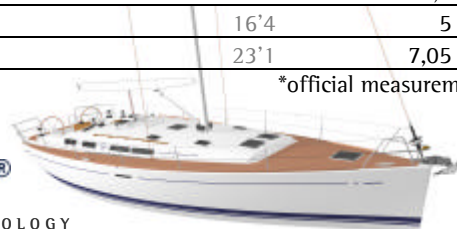
Air draft (incl nav.light but excl antenna)	58'4 ft	17,8 m
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I	51'2	15,6
J	18'2	5,56
P	46'6	14,2
E	16'4	5
LP	23'1	7,05

*official measurement

DAT®

DUFOUR ADVANCED TECHNOLOGY



PROVISIONAL