

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

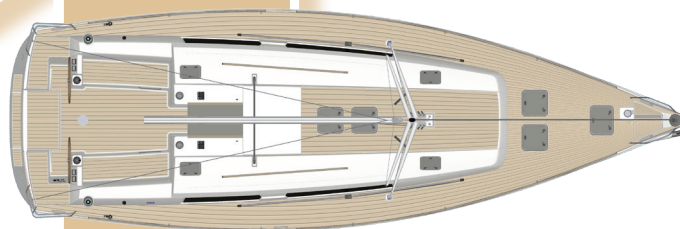
>>> CONSTRUCTION >>>

- 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.