# SPECIFICATION





## Valid from 17.3.2016

Copyright by Dehler Yachts. All weights and measures are calculated numbers based on the construction data. Changes in construction and equipment reserved.

D38/17032016/A

## TECHNICAL DATA

Hull length

Draught Standard Competition Shallow 2.00 m / 6'7" 2.20 m / 7'3" 1.60 m / 5'3"

Displacement Standard Competition Shallow 7.20 t / 15,875 lbs 6.75 t / 14,881 lbs 7.40 t / 16,315 lbs

Ballast Standard Competition Shallow 2.20 t / 4,850 lbs 1.90 t / 4,190 lbs 2.50 t / 5,112 lbs

Volvo D1-30 (20.1 kW / 27.3 HP) Engine

Volvo D2-40 (27.9 kW / 38.0 HP)

Fresh water Fuel tank approx. 315 I approx. 160 I

17.82 m / 58'6" 18.55 m / 60'1" Standard Competition

79.30 m² / 854 sq ft 86.50 m² / 931 sq ft

Main sail Standard Competition 43.70 m<sup>2</sup> / 470 sq ft 49.00 m<sup>2</sup> / 527 sq ft

Furling Jib 105 % 35.60 m² / 383 sq ft 37.50 m² / 404 sq ft Standard Competition

Spinnaker 115.20  $m^2$  / 1,240 sq ft 118.10  $m^2$  / 1,271 sq ft Standard Competition

112.00  $m^2$  / 1,206 sq ft 118.00  $m^2$  / 1,270 sq ft Standard Competition

Rig Standard I 15.11 m / 49'7'' J 4.36 m / 14'4'' P 14.50 m / 47'7'' E 5.20 m / 17'1'' Competition I 15.60 m / 51'2" J 4.36 m / 14'4" P 15.30 m / 50'2' E 5.35 m / 17'7"

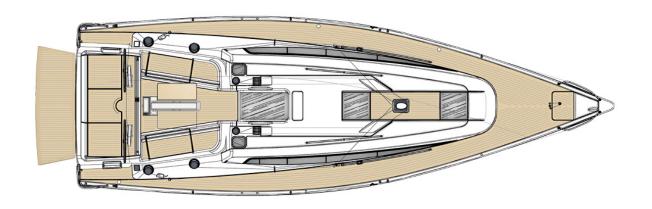
Design



## **SPECIFICATION**

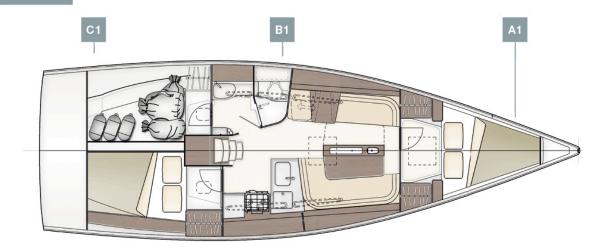


**DECK LAYOUT** 

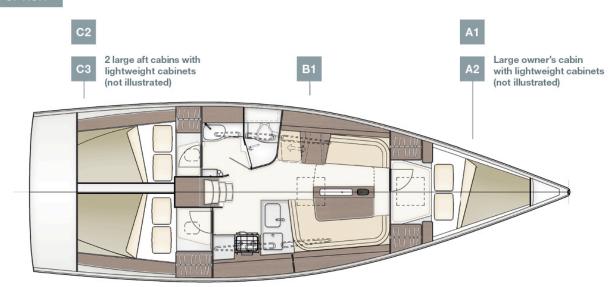


## **INTERIOR LAYOUT**

#### STANDARD



#### OPTION



## ECIFICAT



#### **HULL & DECK**

#### HULL

- GRP hand laid sandwich construction with end grain balsa core for strength and isolation
- Supporting bulkheads bonded to the hull
- Construction of hydrolyses proofed polyester resin, vinylester in first layer and roving fabrics, balsa wood core an unidirectional fabrics
- Guardrail in aluminium for hull protection
- Internally laminate partly sealed with topcoat
  Colour white with blue waterline striping
- Floor beams laminate into the hull to distribute keel and rig forces along the laminate construction
- All thru hull fittings flush mounted
- Hull portlights (aft cabin; cockpit locker, 2 pcs fwd cabin and 2 pcs in salon)

- GRP hand laid sandwich construction with end grain balsa core for strength and isolation
- Aluminium reinforcements laminated/glued inside for all fittings
- Non-slip surface moulded deck area
- Self-draining anchor locker
- Colour white

#### **KEEL & RUDDER**

#### KFFI

- T-keel cast iron with low centre of gravity
  L-keel cast iron for shallow keel (opt)
- T-keel cast iron / lead for competition keel with extremely low centre of gravity
- Stainless steel bolts integrated for fastening to the laminated in floor beams

#### RUDDER

- Double wheel steering systemElliptical balanced rudder
- Aluminium rudder shaft with self-aligning rudder
- Optional: Elliptical balanced competition rudder with stainless steel rudder shaft with selfaligning rudder bearings

### **DECK EQUIPMENT**

- 2 openable large flush deck hatches: fwd cabin
- 2 openable small hatches for each aft cabin
- 6 windows, all openable
- Dehler patented entrance closing system at companionway
- 4 mooring cleats, retractable
- Stainless steel open bow pulpit
- Stainless steel pushpits
- Stainless steel handrails on coach roof
- Filler nozzles for water and fuel
- Genoa tracks adjustable from cockpit
- Halyard winches Lewmar 40 Race, self-tailing, on coach roof
- Genoa winches Lewmar 45 Race, self-tailing
- Mainsheet winches Lewmar 40 Race, self-tailing
- 10 halyard stoppers on coach roof
- Guide rollers at mast foot
- Mainsheet stoppers at winches
- 2 winch handles - Flagstaff holder
- Sheets and halyards adjustable from cockpit

#### COCKPIT

- Large cockpit locker on starboard
- Teak on cockpit seats
- Ergonomic self-draining cockpit
- Safety boarding ladder
- Manual bilge pump
- Mainsheet traveller with adjustable mainsheet
- 2 compasses forward on steering console
- Cockpit lockers under sole, port and starboard

#### **ENGINE & ELECTRONICS**

#### **ENGINE**

- Volvo D1-30 (28.0 HP), sail drive with 2 blade fixed propeller
- Alternator 12 V, 110 A
- Fuel tank, approx. 160 litres with tank indicator

#### ELECTRONIC

- AC Control panel with 230 V Socket
- 230 V Shore supply and 30 A battery charger
- Consumer battery AGM 12 V/165 Ah
- Starter battery AGM 12 V/90 Ah
- Main switches for consumer and engine battery
- DC Control panel with automatic circuit breakers
- Electric bilge pump 12 V

- Interior lights (LED) in all cabins, saloon, head and navigation area
- SLS lighting system for saloon lights with dimmer function
- Indirect lights in saloon and forward cabin
- Reading light at navigation chart table, forward cabin, saloon and aft cabin
- Navigation light (LED) and steaming light

### **NAVIGATION**

- Chart table on port side with stowage for charts.
- Switch panel for electrics
- 12 V socket
- Space for extra navigational equipment

- Electric fresh water pump
- Warm water supply (20 l) with engine heat exchange and 230 V heater.
- Shower with sump pump in head and cockpit
- shower with cold/warm water connection Freshwater tank with tank level and large inspection hatch
- Faucet in galley and head

#### INTERIOR & ACCOMODATION

## FORWARD CABIN

- Convenient double berth (2.00 x 1,60 m)
- Storage shelves and lockers
- Wooden panels on ships side
- Large hanging locker on starboard and port
- Option A2: Lockers in canvas instead of wood for weight reduction

- All joinery and panels in Mahogany satin finish.
- Floorboards in Australian acacia style
- Solid frame woodwork with smooth surface
- Ceiling inner liner in off white, partly covered with textile panels
- L-shaped sofa on starboard and alongside sofa at port
- Detachable backrests

- Aluminium handrails under roof
- Saloon table with foldable sides and drinks
- Large lockers on port and starboard side

#### AFT CABIN

- Roomy aft cabin on starboard with double berth, wardrobe and cupboard
   Standard C1: Large stowage locker on port side
- with entrance from multifunction head
- Option C2: Portside aft cabin with double berth, wardrobe and cupboard, with entrance from multifunction head.
- Option C3: Large stowage locker on port side with entrance from multifunction head, aft cabin on starboard, wardrobe and cupboard in canvas instead of wood for weight reduction

#### GALLEY

- Starboard side L-shape functional galley
- Double sink with mixing water tap
- Lockers for pots and pans
  All drawers self-closing
- Worktop in galley white
- 2-burner stove and oven (gimballed)
- Large fridge (approx. 130 l), top and front loader with light.

#### HEAD

- Spacious multifunction head with separated open washbasin. Separate head and shower unit with marine toilet
- Dehler uni door system: one door closing both shower and washbasin to saloon
- Holding tank with deck extraction and separate sea cock
- Wash basin with water tap
- Locker

- 9/10 aluminium keel stepped tapered mast
- 2 pairs of spreaders
- Aluminium boom
- Boom vang, rigid
- Stainless steel shrouds (Dyform) and stays with roll-formed terminals
- Option: Carbon mast with carbon spreaders, boom and boom vang, rod rigging
- V backstay, adjustable, ratio 48:1
- Halyards for main and jib in Dyneema
- Main sheet and jib sheets
- Dehler quick reefing system - Furlex S200 above deck furling system

- Elvström FCL triradial cut performance main sail, with 2 reefs, 2 full and 2 short battens and
- Selden MDS sliders Elvström FCL triradial cut performance jib, 105 %

