

Salona 42 PRELIMINARY TECHNICAL SPECIFICATION

1 GENERAL

"EC Type Certificate" for design category A: ocean, issued by acknowledged body "Germanischer Lloyd" (No. 0098)
"EC Declaration of Conformity" issued according to the requirements of the EC Recreational Craft Directive 94/25/EC
Owner's manual

2 HULL

Hull

Handlaminated GRP
White (isophthalic) gelcoat incorporates blue decorative bands
First layers: laminated with isophthalic polyester resin, insuring the optimal antiosmosis protection
Optimal strength/weight ratio - achieved by using unidirectional, biaxial and triaxial glass fibres
Sandwich construction under & above water line; core material is PVC (closed cells)
Internal construction/reinforcement: **stainless steel grid**, bonded to the hull by using a special acrylic glue, taking keel and rigging loads and ensuring high longitudinal and transversal stiffness of hull
Inner moulded hull bottom, bonded to the hull (also) by using a special acrylic glue; structural framing laminated to the hull

Deck

Handlaminated GRP
Sandwich construction; core material is PVC (closed cells)
First layers: laminated with isophthalic polyester resin, insuring the optimal antiosmosis protection
Optimal strength/weight ratio - achieved by using unidirectional, biaxial and triaxial glass fibres
Stress areas (where winches and major deck fittings are fixed) reinforced by replacing PVC core with plywood

Bulkheads

Solid laminate is used for the joint between bulkheads and hull/deck
Watertight stern and bow bulkhead

Deck to Hull joining

Hull and deck are bonded together (by using a special acrylic glue), also bolted in high stress areas
The (teak) toe rail is bolted through deck and hull flange, also with using a special sealing material

3 DECK EQUIPMENT

Stainless steel chain plates
Self-draining anchor/chain locker (including stowage for fenders and mooring ropes)
Teak toe rail
10 stainless steel stanchion bases
Min. 4 pad eyes - for safety harnesses, sheets and pole downhaul - mounted on deck
Under deck mounted furling gear for Genoa
GRP sliding Companionway hatch, with garage/waveshield prepared for assembly of (integrated) Sprayhood **-addition**

Cockpit

8 mm teak ribs/massive on cockpit seats, side trims and on removable stern box
Dry storage locker on stbd side (*cover is integrated in cockpit bench*)
Two storage lockers in mid cockpit
Two storage lockers on port and starboard side
Outboard drained gas bottle (port) compartment
GRP steering pedestal forming a footrest and instruments panel (for navigation instruments, compass)
Stainless steel arch (above compass), also as pedestal for additional GRP instruments panel
Rudder stock head (for installing the emergency tiller)
Single lever engine control
Recessed engine controls panel (with 6 mm transparent plexi glass protection)

Mast

Sparcraft Performance silver anodized aluminium keel stepped mast, fractional
Triple swept back (approx. 18°) spreaders in aluminium
The mast step bolted to the bottom reinforcement
The mast-collar integrated in the GRP deck structure
Mast rests on the main rib
Exits and blocks for halyards
All halyards (main, genoa, spinnaker) and electric cables are internal
Spinnaker pole track
Windex wind indicator

Boom

Sparcraft's silver anodized aluminium boom

This specification can in no way be considered contractual.



Two (internal) reef lines for single line reefing system; one clew outhaul device
Racing kick/kickingstrap

The gas pressured boom vang with an outer purchase block system

Standing rigging

Wire standing rigging

Facnor Genoa Furler - *under deck mounted roller*

Navtec hydraulic backstay adjuster?

Running rigging

The standard mast&boom includes:

- 1 x main halyard	12 mm Spectra
- 1 x genoa halyard	12 mm Spectra
- 1 x spinnaker halyard	12 mm
- 1 x spi-pole uphaul	10 mm
- 1 x boom topping lift	8 mm
- 2 x reefing line	10 mm
- 1 x outhaul	10 mm

Sheets & ropes:

- 1 x main sheet	12 mm
- 2 x main sheet traveller car control	8 mm
- 2 x genoa sheet	14 mm
- 2 x genoa sheet car control	8 mm
- 1 x genoa furling line	10 mm
- 1 x spi-pole downhole	10 mm
- 1 x vang	8 mm

Track system

Harken main sheet track (1 x 1,8 m) on cockpit sole, 5:1 traveller system

Harken genoa sheet tracks (2 x 3,6 m), 5:1 genoa car system with ball bearings

Blocks (by Harken)

Mainsheet system

- 1 x Single 57 mm Black Magic HL
- 1 x Double 57 mm Black Magic
- 6 x Single 57 mm Black Magic

Halyards

- 8 x Single Becket 57 mm ESP

Vang

- 1 x Single 57 mm Black Magic HL
- 1 x Single 57 mm Black Magic
- 1 x Double 40 mm Carbo
- 3 x Single 40 mm Carbo

Deck organizers (by Harken)

- 4 x ESP/3-sheave

Stoppers (Clutches)

- 2 x **Spinlock** 12x3 and 2 x **Spinlock** 12x1 winch clutches - for halyards, reef lines, vang etc
- placed on cabin roof

Spinlock clutch - placed by (stbd side) toe rail - for genoa furling line

Winches

2 halyard 2-speed winches, size 44, placed on cabin roof

2 primaries/genoa sheet 2-speed winches, size 53

2 winch handles with PVC handle holders

4 SHIP EQUIPMENT

Steering system

Whitlock mini-maxi steering wheel 60"

Emergency tiller in stainless steel

Keel

Standard keel (2,00 m draft), **lead**, protected with a layer of Epoxy primary protection

Navigation/Communication Equipment

Magnetic compass fitted on GRP steering pedestal

Low consumption LED navigation lights (bow port, bow stbd, stern), running light, anchor light, deck light

Anchoring & Mooring Equipment

Anchor (galvanised), 20 kg

Anchor Chain (galvanised), 50 m x 8 mm

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Quick Anchor Windlass, 1000W-12V

4 x Mooring stainless steel Cleat with Fairlead

5 EQUIPMENT FOR CREW/PASSENGERS

Low profile openable Portlights on the sides with two openable Portlights in the cockpit

Four **Lewmar** low profile deck Hatches

1 stainless steel deck Ventilator placed on Saloon top

Stainless steel Stanchions & Lifelines

Stainless steel Handrails on the Cabin roof

Removable stainless steel Bathing Ladder

2 fire Extinguishers

INTERIOR: Furniture, Inventory

Standard interior layout (A): Owner's cabin, 2 Aft cabins and 1 Head unit aft

Interior Joinery: marine grade water proof core, faced with selected Maple veneer

All main Bulkheads are bonded to Hull (Sides) and Deck by using glass fibre and polyester resin

Ceiling, top-sides and visible Hull sides are covered by foam backed sky

Invisible Hull sides, Bottom, Bilge etc. are topcoated

Solid Maple is used for door frames, handrails etc.

All Maple is varnished with oil varnish in satin finish

All windows are equipped with curtains

Cushions

Cushions are made in high quality Foam with a selection of different first class Upholstery

Upholstery material/colour sample swatches are available on request

OWNER'S (FORWARD) CABIN

2 single Beds with **infill** to form a double Berth

Mattress in 2 parts

Access to stowage Lockers under Berth

Shelves above Beds along Hull sides

Seats on Hull sides, forming shoe Lockers

Double Wardrobe with Shelves and Hangers

Fresh Water tank(s) under Berth - **addition**

AFT CABINS

2 single Beds with infill forming double Berth

Shelve above Bed along Hull side

Mattress in 3 parts

Large hanging Locker with double door and Shelve above

Seat forming shoe Locker

Fresh Water tank under Berth

HEAD UNIT

Stainless steel Wash Basin

Shower area with Curtain

Hot&cold fresh water mixing tap

Shower directly drained by electric pump

Water-flushed manual pump marine Toilet

Front opening double Locker (with Mirrored doors) placed above wash basin/toilet

Wet Locker for drying of wet sailing cloth; beneath Shelve space for placing of Waste holding tank

Waste holding tank (app. 42 l) fitted with tank level Watch, Macerator waste (electric) pump and deck Outlet

Towel hanger(s), glass Holder, toilet paper Holder

Teak shower Grating

SALOON

Settee to Hull port side

Large sofa to Hull stbd side

Ergonomic backrests and seats in foam

Stowage lockers with doors and a bookshelve above settee along Hull port side

Handrails mounted on top-sides

Stowage compartments under seats

Stowage space behind backrest on Hull port side

GALLEY

U-shaped Galley between Hull port side and Companionway

Twin stainless steel rectangular sinks

Mixing tap for pressurised hot&cold fresh water

Covered gas stove (on gimbals) with an oven and three burners

130 L GRP refrigerator

Storage Lockers - with shelves and doors - above work top along Hull side

Storage - with shelve and door - below sinks; Waste Basket mounted on Storage door

COMPANIONWAY

Gas sprung openable stairs as Engine Compartment cover

Handrails mounted on sides above stairs

This specification can in no way be considered contractual.



ENGINE COMPARTMENT

This specification can in no way be considered contractual.

Sound insulated with high density foam material
Easy accessible through opening the Companionway stairs and/or removing the side (provided in aft Cabin/aft Head unit)
Provided with Automatic Fire Extinguisher

Sanitary systems; discharge systems

Hot&cold pressurised fresh water system
Ventilated Fresh water tank for a total capacity of app. 270 l with inspection hole/cover
Tank level gauge(s) (placed on electric switchboard)
Mixing fresh water taps are fitted in Head unit and in the Galley
Shower with hot&cold fresh water can be fitted in Cockpit (stern)- **addition**
Hot water tank heated by integrated heater run with 220V shore power or by engine cooling (fresh) water
Shower basin is drained direct into the sea by electric shower pump
Electric shower pump is operated by manual switch positioned in Shower Compartment

6 MACHINERY MAIN COMPONENTS

Volvo D2 40 130S (sail drive)
Two-blade fixed propeller
Alternator 60A/12V
Engine control panel incorporates an rpm meter, acoustic alarms and an hour counter as a standard
Engine control panel is placed in a recess and protected with a plexi glass cover
Gear/gas lever control is placed in Cockpit nearby helmsman

7 SYSTEMS FOR MACHINERY MAIN COMPONENTS

1 Fuel oil tank for a total capacity of app. 270 l
Tank inspection hole/cover with incorporated fuel float
Tank level gauge (placed on electric switchboard)
Fuel oil Filter with water Separator
Sea (cooling)water Filter
Automatic Fire Extinguisher in Engine compartment

8 SHIP SYSTEMS

Bilge systems

Electric bilge pump for central - in the Hull bottom incorporated - bilge, operated by automatic and/or manual switch
Electric bilge pump for aft bilge operated by automatic and/or manual switch
Hand operated bilge pump is positioned in the Cockpit

Electrical systems

12 V DC SYSTEM

Main Switchboard includes LED indicators and termomagnetic switches
12 V sockets
Battery Charger **Quick** 12V 30A
1 x 12V 100 Ah engine start Battery
1 x 12V 170 Ah service Battery
Battery Switch for each battery
Safety battery protector Anode
Emergency start crossover system

230 V AC POWER SUPPLY

230 V AC Distribution board
Main Circuit Breaker
230 V AC sockets
Shore Power dock side Cable

NOTICE:

Material and/or Outfit as same as the details may be changed as a result of experience from building and using the sailing boats.