

Preface

The Salona 37ibc combines infusion technology, basalt and carbon. In cooperation with GLspecial craft department and Seaway this yacht was designed to produce a yacht that combines the best in design and structure. Salona 37ibc is competitive within the ORC and IRC class

CONSTRUCTION**Hull**

Vinyl ester vacuum infused GRP
White gelcoat with black decorative bands
Barrier coat vinyl ester based for less print thru
Optimal strenght/weight ratio - by using resin vacuum infusion and triaxial glass fibers without CSM
20mm Sandwich construction above water line
Reinforcements in stainless steel bonded to the hull with Methyl-Methacrylate glue for additional transferring loads from mast and keel.

Deck

Vinyl ester vacuum infused GRP
White gelcoat
Barrier coat vinyl ester based for less print thru
Sandwich construction; core material is PVC (closed cells)
Optimal strenght/weight ratio - by using resin vacuum infusion and only triaxial glass fibers without CSM we gain best properties glass laminate possible
Stress areas reinforced

Deck to Hull joining

Hull and deck are bonded with Methyl-Methacrylate glue
The (teak) toe rail is bolted through deck and hull flange, also using
A special sealing material
Main Bulkheads in ecological Basalt sandwich providing additional stiffness and sound isolation

DECK EQUIPMENT

Stainless steel bow fitting (with anchor/chain roller)
Removable stainless steel anchor fitting
Stainless steel chainplates
Self-draining anchor/chain locker (including stowage for fenders and mooring ropes)
3 stanchions with knee on each side
Teak toe rail fitted on forward third of the boat

Cockpit

8 mm teak ribs/massive on cockpit seats
Storage locker in mid cockpit
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 8 mm transparent plexi glass protection)

Rigging

Nordic High Modulus Carbon Mast, fractional, tapered
Painted, off white
Double swept back (approx. 21°) spreaders,
The mast step bolted to the bottom reinforcements in stainless steel
Prepared for mast jack
The mast-collar in the GRP deck structure
Exits and blocks for halyards
All halyards dyneema with quality shackles (main, genoa, 2x spinnaker)
Uphaul and electric cables are internal
Carbon spi pole

CarboN foil from Harken on forestay
Anchor & tricolour lights on top, engine&deck on forward middle
Adjustable spinnaker pole track
Windex wind indicator
Nordic boom in carbon, two reef lines, one outhaul 8:1
The gas pressured boom van with an outer purchase block system
Discontinuous rod rigging with Nordic tipcups
Navtec hydraulic backstay adjuster/tensioner

Sheets & ropes, in dyneema with tylaska shackles, spliced&undressed:

- 1 x main sheet
- 2 x main sheet traveler car control 6:1
- 2 x genoa sheet
- 2 x genoa sheet car control
- 1 x cunningham 6:1
- 1 x vang 32:1
- 2 x genoa sheet
- 2 x genoa sheet car control 5:1
- 2 x inner hauler for genoa 8:1
- 2 x spinnaker sheets
- 2 x spinnaker sheet tweaker
- 2 x spinnaker afterguy

Track system

Harken main sheet track (1 x 1,8 m) on cockpit sole, 6:1 traveller
System with winward sheeting car
Harken genoa sheet tracks (2 x 3,6 m), 5:1 2xgenoa car system with ball bearings

Blocks (by Harken)

Mainsheet system (German)
- 1 x Single Becket 75 mm Black Magic HL
- 2 x Single 57 mm Black Magic
- 4 x Single 57 mm Black Magic HL upstanding
- 1 x Double 57 mm Black Magic

Halyards

- 6 x Single Becket 57 mm ESP
- 2 x Single Becket 75 mm ESP

Vang

- 36:1 purchase system from Harken blocks

Deck organizers (by Harken)

- 2 x ESP/4-sheave
- 2 x ESP/2-sheave

Stoppers (Clutches)

- 2 x Spinlock 12x3 and 3 x Harken camcleats (swiveling)
- for halyards, reef lines, vang, Cunningham, inner hauler-placed on cabin roof

Winches

- 4 Harken halyard 2-speed winches, size 40.2,
- 2 Harken primaries/genoa sheet 2-speed winches, size 48.2
- 3 winch handles with PVC handle holders

EQUIPMENT**Steering system**

Jefa steering wheel aluminum 55"
Emergency tiller in stainless steel
Carbon rudder on carbon stock

Keel

ORCint or IRC keel, **2.5m**, Modular cast fin with lead bulb coated with epoxy protection. Outlined.

Navigation/Communication Equipment

Magnetic compass fitted on GRP steering pedestal
Navigation lights (bow port, bow stbd, stern), running light, anchor&tricolor light, deck light

Anchoring & Mooring Equipment

Anchor (galvanized), 20 kg
 Anchor Chain (galvanized), 50 m x 8 mm
 4 x mooring stainless steel Cleat with Fairlead

ADDITIONAL

Six low profile openable Portlights on the sides with two openable
 Portlights in the cockpit
 Four low profile deck Hatches
 Deck Ventilator placed on Saloon top
 Stainless steel Stanchions & Lifelines
 Removable stainless steel Bathing Ladder
 2 fire Extinguishers

INTERIOR

Standard interior layout: Owner's cabin, 2 Aft cabins and 1 Head unit
 Interior Joinery: marine grade water proof core, faced with selected ash
 All main Bulkheads are made from basalt fiber reinforced vinyl ester in sandwich construction bonded to Hull (Sides) and Deck. Worktops in kitchen is also done in basalt. Basalt woven twill fabric is visible in clear coating giving beautiful finish.
 Invisible Hull sides, Bottom, Bilge etc. are topcoated
 All is varnished in satin finish

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

Large double Berth towards fwd
 Mattress in 2 parts
 Access to stowage Lockers under Berth
 Shelves above bed along Hull port & stbd side
 Seats on both Hull sides, forming shoe Lockers
 Double Wardrobe with Shelves and Hangers
 Cabinet to stern with Table above

AFT CABINS

Double Berth with Shelf above bed along Hull side
 Mattress in 2 parts
 Large hanging Locker with double door and Shelf above
 Seat forming shoe Locker

FORWARD HEAD UNIT

GRP Wash Basin
 Hot&cold fresh water mixing tap
 Water-flushed manual pump marine Toilet
 Front opening double Locker (with Mirrored doors) placed above wash basin/toilet
 Waste holding tank (app. 40 l) fitted with tank level Watch
 Towel hanger(s), glass Holder, toilet paper Holder

SALOON

Large L-shaped settee to Hull port side
 Settee to Hull stbd side
 Ergonomic backrests and seats in foam
 Shelf above each settee along Hull port & stbd side
 Stowage Lockers under seats and behind backrests

GALLEY

U-shaped Galley between Hull port side and Companionway
 Twin sinks in basalt FRP
 Mixing tap for pressurized hot&cold fresh water
 Covered gas stove (on gimbals) with an oven and three burners
 WAECO C 50 refrigerator
 Storage Lockers - with shelves and doors - above work top along Hull

side
 Storage - with shelves and door - below sinks

COMPANIONWAY

Gas sprung openable stairs as Engine Compartment cover
 Handrails mounted on sides above stairs

ENGINE COMPARTMENT

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 pressurized fresh water system
 Ventilated Fresh water tank for a total capacity of app. 100 l with inspection hole/cover under salon bench
 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) - see additions
 Shower basin is drained direct into the sea by electric shower pump
 Electric shower pump is operated by manual switch positioned in Shower Compartment
 Shakewell seacocks

MACHINERY

Yanmar 30hp
 Racing Two-blade folding 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 plexus glass cover
 Gear/gas lever control is placed in Cockpit nearby helmsman
 Fuel oil tank for a total capacity of app. 86 l under seat bench
 Tank inspection hole/cover
 Tank level gauge (placed on electric switchboard)
 Fuel oil Filter with water Separator
 Automatic Fire Extinguisher in Engine compartment

SHIP SYSTEMS**Bilge systems**

Electric bilge selfpriming membrane pump for central bilge, operated by automatic and/or manual switch with 3wayL-valve with 3m flexible pipe
 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 100 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