

Sweden Yacht 390 – 1995

Designed by Peter Norlin / Jens Östmann

Skovshoved Havn 18
DK-2920 Charlottenlund

+45 29 72 55 01
dbc@dbcmarine.dk

Construction

dbcmarine.dk

- Hull

End grain balsa core sandwich using fibre-glass mat and rowing on both sides, gives a light, rigid and well insulated hull. Balsa core is used from toe rail to below water line. Solid laminate is used in high stress areas around keel, mast foot and in the joint between the hull-halves. Bottom reinforcements are longitudinal and transversal solid laminate design. Transom build with integrated platform **)
- Deck

End grain balsa core sandwich with moulded fibreglass on both sides. Stress areas where winches and major deck fittings are fixed, are reinforced by replacing the balsa core with plywood, or by using backing plates or large diameter washers.
- Hull/deck joining

The hull and deck is bonded to-gether using polyester filler. The toe rail is then bolted through deck and hull flange, using a special sealing material.
- Ballast

Ballast keel wing keel *) is lead casting with antimony. Cast-in keel bolts are stainless steel. Lifting lug is fastened to the keel bolts.
- Rudder

The balanced spade rudder is moulded in fibreglass, using rowing and mat, for maximum strength. The rudder stock is of stainless steel with three bearings; 2 ballbearings () and one bronze bearing in the heel.
- Motor bed

Volvo Penta original glass fibre bed, moulded integrally with the bottom reinforcement and filled with heavy ballast for maximum stability.
- Mast step

A stainless steel mast step is bolted to the bottom reinforcements.
- Chain plates

Sweden Yachts designed and specially developed.

- Teak-Deck
Teak deck is laid from 12mm first class teak ribs bonded to the deck with polyurethane and secured by stainless steel screws. Expansion joints sealed with special silicone. Teak in the cockpit. Renovated in 2014, rubber sealing and soft grinded (protected with Boracol)
- Cockpit table
Original small table, replaced with 50% larger table. Stowable in cockpit lockers **)
- Interior joinery
Marine grade water proof core, faced with selected mahogany, is used in all bulk-heads and major joinery. Specially selected solid mahogany in frames and doors. Marine grade lauvan in bottoms, shelves etc where not visible. All main bulkheads bonded to hull and deck, using glass fibre and polyester. All main visible hull sides covered by mahogany planking ribs. Ceiling, top-sides and minor visible hull sides with foam backed vinyl. Hull sides, bottom, bilge, etc top coated throughout the interior. Cabin sole teak with inlaid light wood stripes. All mahogany is varnished in satin finish. Cabin sole teak is oiled – all woodwork in outstanding quality.

Accommodation description

- Forward cabin
Spacious double-berth utilizing full width of the cabin. Large sail stowage under berths, easily accessible via fold-up berth bottom boards. Shelves with dividers along hull-sides to port and sb. Double hanging lockers, locker with shelves and a seat on port side, across from toilet cabin.
- Toilet compartment master cabin
Entire moulded compartment fitted between bulkheads. Two lockers with mirrored doors above wash-basin unit. Two recessed mirrors in forward sections. Recess for toilet with fold-away extra seat. Corian shower grating. Integrated holding tank. Shower drained by electric pump. Towel hangers. Door both to aft cabin and salon.
- Toilet compartment aft *)
2 lockers above wash-basin unit. Shower drained by electric pump. Towel hangers. Door both to aft cabin and salon.

- Main cabin
 - L-shaped sofas on both sides (water tanks below).
 - Stowage behind backrests, and drawer below transversal part of SB sofa. Table with fold-down wings and buildin bar in fixed mid section. Cabinets and bookshelves above sofas on both sides of salon. Doors to forward cabin and toilet.
 - Floorboards have hinged lids for easy access to stowage space below.
- Aft cabin(s)
 - Shelf with dividers along hull-side. Double bed, 2 seats with stowage under, and a wide hanging locker. Stowage shelf with doors along hull-side. Doors from main salon to main cabin and toilet. Build to be fitted with divider for separate cabins *).
- Galley
 - L-shaped galley with Formica counter top. Drawer section, cutting board, dry food locker. Gas stove with two burners and oven. Double overhead cupboards. Waste basket and storage below sink. Water supply; see under "Fresh water system
- Navigation area
 - Large navigation table with stowage. Moulded, detachable instrument panel for electronic equipment on hinges for easy service access. Electrical master panel included. Separate chart stowage space above instrument-panel.
 - Adjustable navigation seat with stowage space underneath.

Deck equipment

- Windows
 - 4+2 fixed aluminium framed windows in cabin trunk, 2 open able aluminium framed windows in cockpit. Total of 8 windows.
- Hatches
 - Large hatch to forward cabin, large hatch to main cabin and small hatches to toilets (all Lew-mar). Plexiglas companionway sliding-hatch and washboard.
- Ventilation
 - 3 Dorade ventilators, 3 extraction venti-lators. Engine air inlet from cockpit.
 - The batteries are ventilated directly outboard.

- Winches
 - 2 Lewmar S.S. no. 54ST 2-speed Genoa sheet winches, electric (***)
 - 2 Lewmar S.S. no. 44ST 2-speed winches with 1 Lewmar S.S. no. 40ST main sheet winch 2x4 rope clutches for halyards and trim functions *) 3 10" handles with lock. Lead blocks, cleats, etc.
- General Hardware
 - Aluminium toe rail bolted to deck/hull. 4 + 2 midship mooring bollards, 10 stanchion bases and tapered SS stanchions, pulpits and ladder in SS, double lifelines, navigation lights, and aluminium Genoa tracks with 2 roller fairleads each side. Double anchor roller (***)). Main sheet track with ball bearing slider, car trim lines to steering position.
- Steering
 - Edson pedestal steering with wheel, brake and stainless chain and wire. 40" stainless steel wheel.
- Compass
 - Riviera, Italy with navigation lights.

Interior equipment

- General hardware
 - All hanging lockers equipped with aluminium tube with hooks. Doors with marine locks. Locker doors have snap locks and are hinged with chromed brass hinges.
- Fresh water system
 - Water capacity 380 litres divided in 2 stainless steel tanks with level metres installed at the nav station. Filler lines from deck. Tanks ventilated. Hand holes for cleaning. Pressure water, hot and cold for pantry and toilets. Fresh water foot pump in pantry and toilets, salt water foot pump in pantry, shower arrangement in toilet cabins (***)). Filling and distribution hoses in reinforced polyethylene. Double sinks and wash basin drained through hull with ball valve sea cocks. Hot water (***) via engine and shore power, 22 litres isolated tank.
- Fridge installation
 - 160 l icebox with freezer in GRP with Plexiglas dividers, drained to a separate sump. Isotherm 2309 with Danfoss compressor (2007). Fridge compartment.

- Gas installation
 - 2 x 7,5 lbs bottles installed in sepa-rate drained compartment in cockpit. Copper tubing, reduction valve for low pressure system, shutoff valve and gastester (leaks). Techimpex 2 burner gas stove with oven installed with Sweden Yachts own fixed position/gimballed position device.
- Heating & ventilation installation
 - Air heating in all cabins and toilets - Eberspächer 45+ with temperature control 4,5kw heater (from 2013^{***})
- 12volt electrical installation
 - Switchboard and control panel in navigator's area. 75 amp starting battery, 4 x 75 Amp hours' marine batteries, 2 main circuit breakers. Circuit breakers with automatic fuses and indicator lamps for all individual circuits. 12 ceiling spotlights (type Roca Industries), 5 bed reading lights, 3 locker lights, 3 slim light, 2 screened salon lights (indirect lights for navigation), 2 aft locker lamps.
- 220volt electrical installation
 - 220volt sockets inte-grated in all cabins ^{***}). Sterling Power Pro Combi Inverter / charger with 1.500watt output ^{***})
- Toilet installation
 - One electrical operated marine toilet ^{***}) and one manual operated marine toilet with sea intake and outlet through ball valves, incl. 80 litres S.S. waste holding-tank (in front toilet)
- Shower
 - Shower basins are drained by electric drainage pumps operated by manual switches in shower compartments.
- Bilge & shower pumps
 - 2 whale / Jabsco pumps, one in front and one aft. Johnson Ultima 800gph/hour emergency bilge pump in main bilge (all ^{***})
- Boat radio system
 - LG FM/AM radio with CD player and digital-in (MP3 players). Speaker system surround type (4 small speakers and 2 x 30cm speakers ^{***})

- Cushions
Cushions in high quality foam with first class upholstery as well as curtains in a choice of colours

- General
Bolts, nuts, washer and screws are of stainless steel as standard. Through bottom fittings and other piping fittings are brass. Double hose clamps on all through hull points. Hoses are of reinforced flexible PVC polyethylene.

Engine installation

- Engine
Volvo Penta D2040, 3 cylinders, 40 HP *** (28hp standard) freshwater cooling., sail drive 120S and selfadjusting propeller, Aqua prop ***)

Engine controls

Volvo Penta single controller and instrument panel in cockpit with remote operation of windlass in front ***)

- Bow propeller
Vetus BOW6012 4hp and 600N force, new from 2010 ***)
- Fuel
150 L diesel tank in stainless steel with level meter and hand hole, filled and ventilated from transom.
- Exhaust system
Water cooled exhaust system in reinforced rubber hose through silencer.
- Alternator
1 x 70 Amp alternator charging the electrical system. Blocking diodes are used for simultaneous charging of all circuits.
- Engine housing
Easily removable engine housing with interior joinery finish, well insulated with aluminium foil covered foam insulation to prevent oil spillage to impinge foam.

Mast and rigging

Skovshoved Havn 18
DK-2920 Charlottenlund

+45 29 72 55 01
dbc@dbcmarine.dk

dbcmarine.dk

7/8 fractional rig with double sprays, large fore-triangle, high aspect main, inner forestay, removable cutterstay, and checkstay runners (for severe conditions).

- Main mast
 - Seldén silver anodized aluminium alloy oval section (non-tapered).
 - Double spreaders in aluminium. All halyards are internal. Spinnaker pole track.
 - Appropriate blocks and exits for halyards. Sound insulated.
- Main boom
 - Seldén silver anodized aluminium alloy section. Single line reefing system and outhaul internally in boom. Lines lead to cockpit winches. Selden racing Rod-kicker w. gas strut *)
- Spinnaker gear
 - Spinnaker boom w. jockey poole ***)
- Standing rigging
 - Forestay and backstay in 10 mm wire, top shrouds 8-10 mm, lower shrouds in 8 mm wire. Intermediate in 7 mm wire and linked to top shrouds, inner forestay in 8 mm wire. Removable cutter-stay in 8mm wire and check stays in 6 mm Dynex rope. All turnbuckles are Lloyds approved Hasselfors forged stainless steel. 5 off 5/8" and 3 off 1/2".
- Hydraulic backstay adjuster Navtec, type 17 *)
- Running rigging
 - 2 main halyards: 5 mm-133 SS wire and terylene
 - 2 jib / genua halyard: 6 mm-133 SS wire and terylene
 - 1 main sheet: 12 mm terylene with appropriate blocks
 - 2 jib sheets: 14 mm terylene
 - 2 reefing lines+1 main outhaul: 10 mm terylene
- Miscellaneous
 - Deck flood light with switch on instrument panel.

Navigation systems ***)

Autohelm ST ST50 Plus wind, echosounder, log, VMG
Autohelm system 300 / 7000 autopilot
Standard Horizon 7" GPS chart plotter w. Jeppesen CMAX wide-chart (updated 2013)
Simrad serie 8300 VHF radio

Anchors & moorings

Main anchor 21kilos (world class concept in stainless steel ***)
and 60 metres of 8mm chain.
Lofran-Airion electric 1000watt Windlass - remote operation from
cockpit and from mobile transmitter *)
4 mooring lines
6 fenders
1 aft anchor with lead rope ***)
Gangway aft, folding in SS and teak ***)

Sails

Main, fully battened (Hydra Net® by DIMENSION-POLYANT & Quantum 2012) *)
- integrated Lazy Pack *)
Genua 125%(Hydra Net® by DIMENSION-POLYANT Quantum 2012) *)uit
Storm jib
Spinnaker (North *)
Genaker (North *)

Safety equipment ***)

Autoflug 6 pax liferaft
Fire extinguishers

Please contact DBC Marine for more information