

*original*



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C O N T I N E N T A L  
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Dimensions:	Length over all	15.25 m
	Length of waterline	12.60 m
	Beam	4.35 m
	Draft standard keel	2.60 m
	Draft wing keel (option)	1.98 m
	Displacement	14.500 kg
	Ballast (lead)	6.000 kg
	I	20.00 m
	J	6.00 m
	P	17.90 m
	E	5.60 m

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GENERAL CONDITIONS

This specification is a supplement to the arrangement drawings. Details may be changed as a result of experience from building and using the yachts. The standard of quality and completion will be maintained.

The owner or his representative will have access to the yacht at all reasonable time during the construction period.

- Insurance    The builder will maintain insurance on the yacht during the construction period until hand-over.
- Tests        The yacht is tested in the test pool. The engine is run for four hours and all controls are checked. Fuel, sea water, fresh water and gas systems are tested for proper function. The electrical installations are checked. The water tightness of the hull and deck and all fittings are checked.
- Trim         The builder reserves the right to add internal ballast for trimming purposes.
- Certification    Lloyd's Register Hull Construction Certificate is supplied with each yacht.

**WARRANTY                    THE YACHT AND THE EQUIPMENT HAVE A ONE (1) YEAR LIMITED WARRANTY AGAINST POOR WORKMANSHIP AND MATERIAL FAILURE.**

CONSTRUCTION

- Hull         End grain balsa core sandwich using fiberglass 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.
- Deck         End grain balsa core sandwich with moulded fiberglass on both sides. Stress areas where winches, sheet tracks etc. are fixed are reinforced by replacing the balsa core with marine plywood or by using s.s. backing plates and/or maxi washers.
- Hull/Deck joining    The hull is laminated to the deck using glass and polyester. The toe rail is then bolted through deck and hull flange using a special sealing material.
- Ballast       Ballast keel is lead casting with antimony. Cast-in keel bolts are of stainless steel. Lifting lug is fastened to the keel bolts.
- Rudder       The balanced spade rudder is moulded in fiberglass using rowing and mat for maximum strength. The rudder stock is of stainless steel with three bearings, two ball bearings and one bronze bearing at the skeg.
- Motor bed     Integrated part of bottom reinforcement system and filled with heavy ballast for maximum stability.
- Mast step     Galvanized mast step bolted to bottom reinforcement.
- Chain plates    Sweden Yachts' designed and specially developed steel beam system, allowing heavy loads to be taken by bulkheads without the need for additional internal reinforcements.

SPECIFICATION  
Sweden Yachts 50  
Rev.2, December 1994

Teak deck	Teak deck is laid from 12 mm first class teak ribs bonded to the deck with polyurethane and secured by stainless steel screws. Expansion joints sealed by special silicone. Teak in cockpit and on bridge deck.
Interior	Marine grade water proof plywood with pine and birch core faced with selected mahogany is used in all bulkheads and major joinery. Specially selected solid mahogany in frames and doors. Marine grade lauan in bottoms, shelves etc. where not visible. All main bulkheads bonded to hull and deck using glass mat and polyester. All main visible hull sides covered by mahogany planking ribs. Ceiling, top-sides and minor visible hull sides padded with foam backed vinyl. Hullsides, bottom, bilge, etc. topcoated throughout the interior. Cabin sole is teak and holly. All mahogany as well as cabin sole is varnished in satin finish.
ACCOMODATION DESCRIPTION	
Sail stowage	Ladder from deck. S.s. grab rails and drained floorboard.
Forward head	Moulded bottom section drained by electric pump. Separate shower stall with curtain. Corian wash basin. Toilet with waste tank. Lockers behind toilet and wash basin.
Owner's stateroom	Queen size double berth to port side with cabinets along hullside. Drawers under berth. Make-up table and seat with cabinets along hullside on SB side. Hanging locker SB side forward and aft. Specially made "Dux" internally sprung mattress.
Main saloon	Dinette arrangement with table port side. In centerline combined engine cover/extra seats over engine compartment. SB side has 2 chairs with table between and cabinet with bookshelf, TV- and stereo space above.
Galley	L-shaped galley with 95 + 125 L icebox, double sink, drawer section and cutting board, gas stove with oven and dry food locker, all below the formica top working area. Fridge with door, ventilation above stove, space for microwave oven and overhead cupboards above the working level.
Navigation area	Large navigation table with room for navigation utensils and drawer section below. Separate chart stowage above electrical panel. Custom built electrical master panel and panels for electrical and electronical instruments. Bookshelf and swiveling navigation chair.
Wet locker	Sump drained to bilge, s.s. tubes for drying of clothes. Fan for ventilation to deck.
SB aft stateroom	Large double berth. Hanging locker to SB with cabinet in front. Across aft section is a large cabinet and forward along the side is a bookshelf. Door to second head.
Port aft cabin	Large single berth and elevated single berth. Hanging locker port side with cabinet in front. Door to second head.
Second head	Moulded bottom section drained by electric pump. Corian wash basin. Toilet and shower. Mirror on doors to cabinet above wash basin, Cabinet below wash basin.

#### DECK EQUIPMENT

Windows	6 fixed aluminum framed windows and 2 openable windows in cabin trunk, 3 openable aluminum framed windows in cockpit.
Hatches	2 large hatches to forward shower and salon, 2 medium size hatches to owner's cabin and 2 small hatches to aft cabins. Plexiglass companion- way sliding hatch.
Ventilation	4 Dorade ventilators, 3 Electrolux ventilators. Engine air inlet from mast. Engine and battery compartment ventilated.
Winches	2 Lewmar no. 66 S/T 2-speed genoa sheet winches 1 Lewmar no. 44 S/T 2-speed main sheet winch 2 Lewmar no. 48 S/T 2-speed halyard winches 1 Lewmar no. 40 S/T 2-speed reefing winch 2 Lewmar no. 16 S/T main sheet car control Lead blocks, cleats, jammers etc. 2 10" handles with lock 2 10" 2-grip handles with lock.
General hardware	Aluminum toe rail bolted to deck-hull. 6 mooring bollards, 12 stanchion bases and tapered SS stanchions, pulpit, pushpit and ladder in SS, double lifelines, navigation lights, aluminum genoa tracks with 4 roller fairleads. 2 Bilge pumps. Double anchor roller. Main sheet track with slider and tag lines.
Steering	Custom made pedestal steering with 12" radial wheel, brake and stain- less chain and wires. 48" stainless steel wheel.
Compass	Suunto or equivalent.
General	Bolts, nuts, washers and screws used for fastening deck equipment are stainless steel. Sealing used between deck and equipment are polyurethane, silicone or specially developed material.

#### INTERIOR EQUIPMENT

Fresh water	Water capacity 700 L in 3 stainless steel tanks with individual level meters Filler lines from deck. Tanks ventilated. Pressure water system hot & cold. Foot pumps in pantry, shower arrangement in both heads. Filling and distribution hoses in reinforced polyethylene. Hand holes for clean- ing all compartments of water tanks. Double sinks and wash basins drained through hull with ball valve seacocks.
Gas install- ation	Gas bottle installed in separate drained compartment on deck. Copper tubing, reduction valve for low pressure system, and shutoff valve close to each consumer. 3 burner gas stove with oven, installed with Sweden Yachts developed fixed position - gimballed position device.
Electrical	Switchboard and control panel in navigators area. 3 ceiling lamps, 10 bulkhead spotlights, 6 tube lights, 4 locker lights, 1 navigators light, 3 fluorescent lights. 3 x 140 amp.hours marine batteries. 12 V refrigeration for overhead fridge cabinet. 2 circuit breakers.
General hardware	All hanging lockers equipped with aluminum tube with hooks, and wire bas- kets. Doors have marine locks. Locker doors have finger snap locks and are hinged with brass hinges.

Toilet installation	Hand operated marine toilet with sea intake and outlet through ball valves in both heads. Waste holding tanks are standard.
Shower	Shower basins are drained by electric drainage pump operated by manual switch in both shower compartments.
Cushions etc.	Cushions in high quality foam with first class upholstery in a choice of colours, curtains in velvet. Carpets are optional extra.
General	Bolts, nuts, washers and screws are generally stainless steel. Hose clamps are all stainless steel. Through bottom fittings and other pipe fittings are brass. Hoses are reinforced flexible PVC or polyethylene.
Miscellan.	1 Bilge pump operated from cockpit and one operated from below decks.

#### ENGINE INSTALLATION

Engine	Volvo Penta TMD 31 4 cylinder 100 HP marine diesel with straight shaft and folding bronze propeller. Fresh water cooled.
Controls	Volvo Penta single lever controller and instrument panel in cockpit.
Fuel	250 L diesel tank in stainless steel with level meter, filled from transom. Ventilated to transom.
Exhaust system	Water cooled exhaust system in reinforced rubber hose through silencer and appropriate fittings.
Engine housing	Easily removable engine housing with interior joinery finish, well insulated with aluminum foil covered foam insulation to prevent oil spillage to impinge foam.
Alternators & batteries	14 V 60 Amp. alternator charging the 12 V electric system used for engine start. One 12 V 140 Amp.hrs battery is separate and for engine start only. 28 V 50 Amp. alternator charging the house system with 2 batteries giving 140 Amp.hrs at 24 V.

#### MAST AND RIGGING

Main mast	Seldén silver anodized alloy oval section (274 x 185 mm). Tripple spreaders in aluminum. All halyards are internal. Spinnaker pole track and mast fully prepared for spinnaker equipment. Appropriate blocks and exits for halyards. Sound insulated.
Main boom	Seldén silver anodized alloy oval section (206 x 139 mm). Slab reef system and outhaul internally in boom with stoppers and central winch. Seldén tubular racing kick/kicking strap.
Standing rigging	Wire rigging: Forestay 12 mm, top shrouds 12 mm, upper intermedia 8 mm, lower intermedia 10 mm, lower shrouds 14 mm, backstay 12 mm, babystay 8 mm and running backstay 8 mm. All turnbuckles are Lloyd's approved Hasselfors forged stainless steel or bronze.

Running rigging

- 1 Main halyard 7 mm - 133 SS wire and 14 mm terylene
- 1 Jib halyard 8 mm - 133 SS wire and 14 mm terylene
- 1 Topping lift 5 mm - 133 mm SS wire and 12 mm terylene
- 2 Running backstay tackles 14 mm kevlar
- 1 Main sheet 14 mm terylene with appropriate blocks
- 2 Jib sheets 20 mm terylene
- 1 Kicking strap 14 mm terylene with appropriate blocks
- 3 Reefing lines 14 mm terylene

All sheets with appropriate blocks and shackles.

Spinnaker equipment      Optional equipment. Rigg, spars, rigging and deck lay-out prepared for full spinnaker equipment.

Cutter stay              Optional equipment. Rigg, spar and deck lay-out prepared to take cutter stay.

Miscellan.              Spreader light with switch on instrument panel.

THE STANDARD EQUIPMENT also includes:

- 4 mooring lines
- 6 fenders
- 1 flag pole with flag
- 1 anchor with chain and rope

Delivery                The boat is to be inspected and approved by the owner before shipment from the yard. Bottom painting with 4 coats of epoxy paint to prevent water impingement of underwater gelcoat. Antifouling, rigging and launching at the yard can be arranged if requested.

Changes to the spec.      Sweden Yachts reserves the right to change the material, equipment and other specifications without prior notice. Only a signed specification is binding for the yard.