

Specification and inventory SWY 45, 2001, Olivia

Construction

The yacht conforms with the essential safety requirements of Directive 94/25EC (Recreational Craft Directive) and categorised A – “Ocean” – (or B whichever is appropriate).

Hull and Superstructure Construction:

End grain balsa core sandwich using fiberglass mat and rowing on both sides.

Balsa core is used from the 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.

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

Deck Construction:

End grain balsa core sandwich with moulded fiberglass 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 larger diameter washers depending on type of fitting.

Teak deck all-over deck is laid from 12 mm first class teak ribs bounded to the deck with polyurethane.

Teak deck renewed in 2022.

Teak in the cockpit and transom also renewed in 2022.

Bolts, nuts, washers and screws used for fastening deck equipment are of stainless steel.

Sealing used between deck and equipment is polyurethane, silicone or specially developed material.

Keel and Rudder:

Wing keel.

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

The balanced spade rudder is moulded in fiberglass, using rowing and mat.

The rudder stock is of stainless steel with two roller bearings.

Machinery:

1 x Volvo Penta TMD 22 P-C, 58,16kW (78 hk) diesel engine with sail drive VP 120 S-E, (annually served).

Volvo Penta original glass fibre bed, moulded integrally with the bottom reinforcement and filled with heavy ballast.

Volvo Penta single controller and instrument panel in cockpit.

Water cooled exhaust system in reinforcement rubber hose through silencer and appropriate fitting.

Easily removable engine housing with interior joinery finish, well insulated with pvc covered foam insulation to prevent oil spillage to impinge foam.

Propulsion and Steering:

Pedestal steering with wheel, brake and stainless steel link arm, 48” stainless steel wheel with elkhide.

3-blade folding propeller.

Bow thruster QL 5 kW.

Electrical Systems:

Main system is 24 V.

Switchboard and control panel in navigator´s area.

2 Main circuit breakers, circuit breakers with automatic fuses and indicator lamps for all individual circuits.

Battery Banks:

4 Batteries 4 x 210Ah AMG Gel, all batteries replaced in 2021.

Battery Chargers:

1 x 50 Amp battery charger, Mastervolt.

Alternators:

1 x 50 Amp/12 V alternator charging the starting battery.
1 x 95 Amp/24 V with charging regulator for the house batteries.

Generator:

Fisher Panda 6,5 kW generator, super silent.

Shore Power:

Shore power inlet.
230 V shore power via isolation transformer, Mastervolt.

Other Electrical:

230 V AC via 1500 W inverter, Mastervolt.
12 V via converter 420 Ah/24 V (equal 840 Ah in 12 V systems) of gel batteries.
Battery monitor to navigation area.

Fresh Water and Heating Systems:

Pressured water supply, hot and cold for forward shower, 2 x hand basins and pantry.
Foot pump in pantry for fresh water as well as for sea water.
Filling and distribution hoses in reinforced polyethene.
Dubble sinks and wash basin trough hull with ball valve seacock.
Hot water from 40 litres calorifier by engine cooling water and 230 V.

Bilge Pumps:

1 x Manual bilge pump operated from the cockpit.
1 x Electrical with automatic switch.

Tankage:

Fuel: Total capacity of 283 litres in 1 X stainless steel tank with level meter, filled and ventilated from transom.
Fresh water: Total capacity 635 litres. 435 litres in 2 x stainless steel tanks with level meters installed under dinette sofa and 200 litres in 1 x 200 litres in stainless steel tank with level meter installed under cockpit sole.
Filler cap from deck.
Tanks ventilated.
Hand holes for cleaning.

Gas:

2 x 2 kgs bottle installed in separate drained compartment in cockpit, electric gas cut-off switch in galley.
Copper tubing, reduction valve for low pressure system, and shut-off valve.

Navigation Equipment:

Navigation plotter Raymarine Axiom+ 12" mounted at pedestal.
Navigation plotter Raymarine Axiom+ 9" mounted in navigation area.
Radar Raymarine Quantum mounted in mast.
AIS Raymarine 700.
VHF Raymarine Ray63 mounted in navigation area and extended microphone mounted at pedestal.
Compass, Suunto with light mounted at pedestal.
Autopilot Raymarine ST 60 mounted at pedestal, as well as in navigation area.
Raymarine ST 60 Multi, mounted at pedestal.
Raymarine ST 60 Deptsounder.
Raymarine ST 60 Log-speedometer.
Raymarine ST 60 Wind speed and direction.

Galley:

4-burner gas stove with oven installed with Sweden Yachts own fixed position/gimballed position device.
Polished stainless steel microwave oven.
Refrigerator.
Refrigerator in saloon,
Under work-top deep freezer.
Extraction fan with light.

Heads/Showers:

2 x WC 's electric heads with fresh water via septi tank in 2 x stainless steel waste tank 65 litre, outlet through ball valves.
Separate shower with folding door in forward head compartment.
Shower in aft head compartment.
Shower basins are drained by electric drainage pump operated by manual switch in shower compartments.
Cockpit shower.
Porcelain sinks with Corian surrounds and polished chrome taps.

Heating and ventilation:

Eberspächer Hydronic 5 kW diesel in combination with separate electric 40 litre calorifier hot water under-floor central heating system.
3 x Dorado ventilators.
Engine air outlet into cockpit.

Entertainment:

Radio with CD multi player.
Cockpit speakers with stainless steel covers.
Radio with CD players in each cabin with iPod connectivity.

Lighting:

Navigation light.
12 x Ceiling spotlights.
3 x Bespoke screened salon lights.
2 x Bed reading lights in each cabin.
4 x Locker lights.
3 x Slim light.
2 x Aft locker lamps.
Night lights over navigation station.

Forward Cabin:

Quine size double berth midships with specially made internally sprung mattress with mattress protector.
Cushions in high quality foam with first class upholstery.
Four drawer and cabinet under berth.
Starboard side dressing table unit with "turn-out" leather covered stool.
Large hatch with Oceanair black-out/flyscreen blinds.
Boxed in mast.

Main Cabin:

Dinette arrangement with inlay-veneered table on port side with bespoke sofa unit.
Starboard side has table between main bulkhead and navigation station.

Galley:

U-shaped galley with Corian countertop.
Drawer section, cutting board, dry food locker.
Sliding cupboards. Storage below sink.

Navigation Area:

Large navigation area with stowage.
Wooden openable instrument panel for electronic equipment on hinges for easy service access.
Electrical master panel included.
Separate chart stowage.
Navigation seat with electric connection boxes.

Starboard and Port Cabins:

Large double bed aft of hanging locker with seat.
Cabinet above bed along hull side.
Door to main cabin for starboard and doors to head and main cabin for port cabin.

Rig:

In-mast furling Seldén white painted oval section.
Double swept back spreaders in white.
White-painted spinnaker pole.
Windex.
Seldén white-painted boom aluminium alloy section. Single line reefing system and outhaul internally in boom.
Check stays.

Deck:

Self tacking jib and track.
2 x Lewmar stainless steel winches no. 52ST 2-speed .
2 x Lewmar stainless steel winches no. 46ST 2-speed.
2 x Lewmar stainless steel winches no. 46ST 2-speed electric.

Sails:

Furling mainsail, North Sails, 2011.
Furling genoa, North Sails, 2012.
Furling Gennaker Code 0, North Sails, 2016.
Furling Gennaker Code 1, Lundh Sails, 2023.
Anchor plough-sail 1,5 m2, Lund Sails, 2021.

General:

Opening transom with stainless steel electrical operated arm.
"Whale-watching" seats in stern rail.
Two-part cockpit table.
Outboard engine brackets.
Swimming ladder and hot/cold fresh water shower.
Cockpit cushions.
Large sprayhood with elk hide handle, stows in recess in front companion way.
Bimi top with cover.
Large cockpit cover.
Elk hide covered wheel.
Furling genoa cover.

Anchoring, Mooring and Safety Equipment:

Electrical Windlass 24 V 1000 W.
Rocna anchor 33 kg with 10 mm chain on bow.
Fortress FX-37 anchor in aluminium alloy.
Double anchor roller.
8 Mooring bollards.
10 Fenders, flagpole, mooring lines and other lines, buoy-hook, mooring hook "Hook Moor" telescopic boy-hook, shore cable, rescue rope-ladder, rock-wedges, life-buoy, 4 fire extinguishers.
Life raft.
Double lifelines.

