

Hallberg-Rassy 46 Standard specification

Hull

GRP, colour: white 1000. Marine blue decoration stripe colour No 1560. Insulated above the water line. Iso-phthalic gelcoat and isopolyester is used. Underwater hull treated with two coats of two component primer and two coats of antifouling paint. Blue boat top. Built in longitudinal stringers. Ballast keel in lead with stainless steel bolts. Rudder blade in GRP, rudder main shaft diameter 80 mm stainless steel. Heavy cast rudder fittings in bronze. Rubbing strake with brass-strip under the blue stripe.

Deck

GRP-sandwich construction 35 mm for strength and insulation. Colour: white 1000. Marine blue decoration stripe around the cockpit. Hull and deck completely joined by overlapping GRP-laminate. Bulwark formed in the deck and hull mouldings and fitted with a solid capping in teak. Handrails, companionway, hatch guides, sole and seats in cockpit and bathing platform are all in solid Bangkok teak. Laid teak deck on top of the GRP deck and coach roof. 13 windows, twelve of them open, five skylights and Doradeventilatores. The deck is provided with four 1" scuppers draining below the waterline. Separate compartment sb of the cockpit for gas bottles. Superstructure and deck equipment Stemhead fitting with two incorporated anchor rollers. Fore and aft pulpit of open type. International navigation lights. Double lifelines on seven pairs of stainless stanchions, total height 72 cm. Gates amidships P and SB. One 1200 W electric anchor capstan with motor protected below deck, operated from cockpit. Anchor light. Two 40 cm polished cleats forward and aft. Two 30 cm cleats mid-ships for spring lines. Fittings for spare tiller, genoatrack, double travellers and double footblocks. Mainsheet: 4:1, is led over 2 winches Lewmar 44 CST selftailing, Genoawinches: Lewmar 64 CST selftailing. Permanent windscreens in tempered glass in light alloy frames. The mid panel opens. On the sidepanels handholds. Sprayhood in syntethic material with aluminiumframes. Hardtop is available as an option. Chainplates, bathing ladder and other fittings are made of stainless steel. Cockpit Seats and floor covered with teak. Space for instruments. over the companionway. Hide covered stainless steel steering wheel on GRP pedestal, 100 cm diameter wheel. Cardan links with roller and ball bearings. Single lever control for engine on steering pedestal, instrument panel with enginestart near the helmsman. Compass with light. A highly varnished teak cockpit-table is fitted on the pedestal. Selfbailing with two 50 mm diameter scuppers. Lockers Forward a drained locker for anchorchain and space also for fenders, lines, approx. 825 l. A separate locker on the starboard side of the cockpit for two gas bottles. Aft: two hatches for sails, lines etc. approx. 960 l + one locker for "dry" things as cushions etc. in the cockpit, approx. 725 l.

Rigging

Slooprig, 2 spreaders. Rigging from Seldén Mast AB. Manual foresail reefer and furler, Seldén Furlex. Mast and boom made from silver anodised aluminium alloy. Removable cutter stay. Tumbuckles made of stainless steel with protectors made of silver anodised aluminium. Internal jib and mainsail halyards. Decklights, fitting for Spinnakerboom and -halyard, flaglines. The mast is provided with separate cable conduits. Halyard winches: Two Lewmar 44 CST selftailing. One Lewmar 8 C for spinnakerboom lift. Cleats for flag lines. The mast is stepped on a base on the cabintop directly over a reinforced bulk head. Boom: Slabreefs. Reefwinch: Lewmar 16 C. The boom is provided with outhaul, kickingstraps and rodkick. Mainsail with slides for track in mast. Mainsail: 50.0 m² Working jib: 50.0 m² Total: 100.0 m².

Accommodation

First class workmanship in selected mahogany, handrubbed and treated to a silk smooth finish. Teak interior is available as an option at additional price. Floor: Teak with light inlays, varnished and with carpet. The ceiling is lined with panels. Wooden inner frames for skylights. This specification refers to a basic interior version. Since a

number of alternatives are available other parts of this specification can be influenced of the chosen version.

Galley

Seagoing galley, so arranged that one can work safe even in heavy seas. Deep, double sinks. A well insulated fridge with sea water cooled 24 V electric compressor. Pressure water hot and cold, foot pump, also for fresh water, as reserve. Drawers, separate lockers for china and glass, plus stowage for pots and pans etc. Openable porthole. Gimballed gas cooker "Force 10" with three burners.

Main cabin

See sketches. Headroom 1.97 m.

Navigation table

Chart table, 108x73 cm with drawers, lockers etc. Space for fitting the navigation. instruments direct near the table and by the passage way to the engineroom, Curved navigators seat. Aft of this, cupboard and oilskin hanging locker. The electric switchboard with circuit breakers and light diodes indicating circuits in use, is situated directly aft of the navigation table. The control of all system can be centered to this area.

Heads

Fore and aft: Toilet room in white laminate. Separate shower with curtain, PAR pump toilet. China wash-basin with hot and cold running water, worktop and cupboard. The floor is a formed GRP-showerstall drained in a tube through a filter and then pumped overboard, without going to the bilge. Openable window in the shower. A large mirror with light.

Forward cabin

Three alternatives. **Alternative 1:** Forward toilet. One cabin on each side. The cabins are separated with a bulkhead. 2 hatches, openable windows, cupboards, lockers lights and electric outlets. Door between fore- and main-cabin. **Alternative 2:** Berths port and starboard, all 75 cm wide with cupboards and lockers for sails etc. Large hatch. The walkthrough to maincabin with a berth, 65 cm, which also can be used as a sofa. Hatch, openable window and three cupboards. On the portside big toiletcompartment with a door that opens inward. The shower 60 x 80 x 115 cm. **Alternative 3:** Toilet compartment with a separate shower on the starboard side. Double cabin on port side and a traditional forward cabin with two berths. A separate walk through on the starboard side. Infill between forward berths.

Aft cabin

Either double berth in the centre with seat to port, or two separate berths port and starboard, on starboard side extra wide. Hanging locker in the walkthrough. Lockers and shelves under the sidedecks. Stowage under the berths. Headroom 1.92 m. 4 windows, three of them open. Door to the maincabin, headroom in the walk-through; 1.91 m.

Engine and engineroom

Engine: Volvo Penta TAMD31S. 74 kW/100 HP. 4 cylinders, 2.4 litres/146 cubicinch, direct injected marine diesel with turbo and aftercooler. The engine is fresh water cooled and equipped with oil cooler. Single lever control for rpm and gear shift. The instruments comprise RPM-meter, temperature gauge and oil pressure. Acoustic and optic warning. 3 bladed fixed propeller. Shaft in stainless steel. Cutlass water lubricated rubber shaft bearing. AquaDrive flexible link. Good sound insulation plus an additional heavy carpet. Hot water calorifier. The engine is accessible either from a bolted hatch in cockpit or from the passageway between main- and aftcabin. All pumps, even shower & bilge pump + filter can easily be cleaned from here.

Fuel- and freshwater tanks

Diesel: 660 l, in stainless tank under the floor in the saloon Water: 920 l also in stainless tank under the floor in the saloon. Manholes are provided for easy inspection and cleaning. Carbon filter. Full hot and cold water at all faucets through electric pressure system. The water is heated over the engine and stored in the hot water calorifier, 40 l and will be kept warm for 24 hours. Manual bilge pump as well as an electrical emergency bilge pump.

Electricity

For the engine circuit one 12 V, 60 A alternator, one battery 12 V, 140 Ah. One 24 V, 80 A alternator for the general purpose el. system. Batteries 24 V, 280 Ah. Tankmeters for diesel and water. Lights and el. outlets.

Hoses etc.

All drains from the selfbailing cockpit, sinks, washbins etc. are of durable rubber or plastic material. Hoses in pressure system glass fibre reinforced. All through hull fittings are provided with Seacocks. All hose clips in stainless steel.

Ventilation and heating

Double heating system, two Webasto Airtop 3500 Diesel, with outlets in all cabins. 13 indows, 12 of them open, 5 hatches, Dorade vents. All lockers are equipped with slatted doors and there is a ventilation panel in the main hatchway.

Upholstery etc.

Cushions 12 cm (5") covered in high quality furniture fabrics, Inside of hull selected first class mahogany. Ceiling: Lined with vinylpanels. In the saloon, aft cabin and walkthrough vinylpanels with mahoganyinlays. Curtains at windows and skylights.

Loose equipment

Anchor, CQR 75 lbs
60 m chain Ø10 mm
6 mooring lines 10 m
6 fenders. (Two 10x25, four 12x30)
Boat hook
Flag staff
4 winch handles
Main sail cover

Certification

The boat is being built under supervision by Germanischer Lloyd and is certified by Germanischer Lloyd and delivered with a CE certificate and a CE plaquette for category A (unlimited ocean voyages).

Modifications reserved. Chosen extra equipment may affect this standard specification. Drawings are for orientation only. Measurements are not to be taken from these. Drawings may show optional equipment.

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