

# Hallberg-Rassy 53 Standard specification

## Hull

Hand lay-up method with woven rovings, isophthalic polyester and NGA-gelcoat. The hull is insulated from the water line up. There is a decorative blue stripe in gelcoat. The under water hull is painted with two coats of epoxy primer and two coats of antifouling. Blue double water line. Built-in longitudinal and athwardships stringers. Lead keel bolted on with 17 stainless steel keelbolts. Rudder in GRP, rudder shaft 80 mm stainless steel. Heavy cast bronze rudder fittings. Rubbing strake with brass strip situated below the blue stripe.

## Deck

White GRP-sandwich construction, 35 mm thick for strength and insulation. Blue decorative stripe around the cockpit. Hull and deck completely joined by overlapping GRP-laminate. Deck, coachroof, handrails and seats are all solid Bangkok teak. 15 windows, 14 of them opening, 5 skylights and 6 Dorade vents. The deck is provided with scuppers which drain under the waterline thereby keeping the hull clean.

## Superstructure and deck fittings

Steamhead fitted with two anchor rollers. Pulpit and pushpit of open type. International navigation lights, anchor light. Double life lines on seven pairs of stainless stanchions, total height 72 cm. Gates amidships PS and SB side. 1,500 W electrical anchor windlass with motor situated under deck for protection. Remote control at the steering pedestal. Mooring cleats 40 cm forward and aft. 30 cm amidships. Variable Genoa track car, block and double footblocks from Lewmar. Mainsheet 1:4, sheeted on a track with one Lewmar 48 CST and one electric 48 CEST. Genoa winches: Two Lewmar 66 ECST electrical. Windshield with toughened glass, aluminium frames and mid panel which opens. Sprayhood with window and stable aluminum pipes. Hard top is available as an option. Chain plates, bathing ladder and other fittings are made from stainless steel.

## Cockpit

Seats and floor covered with teak. Space for wind instrument etc. over the companionway sliding hatch. Wheel steering with hide covered wheel. Single lever engine control, compass, engine instrument panel and space for instruments near the helmsman in the pedestal. A highly varnished folding teak table is also fitted on the pedestal. The cockpit is selfdraining.

## Lockers

Forward a drained locker for anchor chain and space also for fenders and warps. There is a deck locker with space for two gas bottles situated outside the cockpit on the starboard side. There are two hatches aft for covering a huge lazarette locker. In the cockpit there is a large dry locker for cushions, bicycles etc.

## Rig

Sloop rig, 2 spreaders from Seldén Mast AB, Sweden. Mast and boom made from silver anodised aluminium alloy. Removable cutterstay and runners. Stainless rigging screws with protection tubes in silver anodised aluminium. Deck light. Fitting for spinnaker boom and halyard. Flag lines. The mast is provided with special cable conduits. Halyard winches: one Lewmar 48 CST selftailing, one Lewmar 8 C for spinnaker boom lift. Cleats. Deck stepped mast on a reinforced bulkhead. Slab reefing to a reefing winch on the mast. The boom is provided with outhaul and a kicking strap with Seldén Rodkicker. Jib furling and reefing system Seldén Furlex. Windex.

## Sails

Mainsail and working jib from Elvström Sobstad, Denmark. Coded sail bags.

Mainsail 66.7 m<sup>2</sup>

Working jib 64.0 m<sup>2</sup>

Total 130.7 m<sup>2</sup>

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## **Accommodation**

First class workmanship in selected mahogany, sanded and treated to a silk smooth finish. The floor is of teak with holly inlays, varnished and with carpet. White ceiling accentuated with fore and aft mahogany inlays.

This description refers to the basic interior version. A number of versions are available. Other parts of this specification can be influenced of the chosen version.

## **Galley**

Seagoing galley with Corian worktops fitted with fiddles. Deep, double sinks. Two well insulated cold boxes, one with a cooling unit with electrical compressor and one with electrical freezing compressor. Both compressors are water cooled. Pressure water, hot and cold. Drawers, separate locker for china and glass, plus stowage for pots and pans etc. Window opens. Gimballed gas cooker Force 10.

## **Saloon and chart table**

Headroom 2.04 m. L-sofa on the starboard side and a straight sofa on port side. Chart table with drawers. Space for nav. aids directly at the chart table. Comfortable seat, lockers and hanging locker for oil skins. Electrical panel with labelled trip switches at the side of the chart table. All electrical controls can be centered in this area.

## **Heads**

Forward and aft: Head in white formica. Separate shower with curtain. ITT toilet. China wash basin with hot and cold 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. Window opens in the shower area. A large mirror and good lightning. Space for washer/dryer.

## **Forward cabins**

Two comfortable double cabins with access to the forward toilet compartment and shower. Two skylights, opening windows, hanging lockers and good lightning.

## **Aft cabin**

A comfortable double berth in the middle. A seat on each side. Lockers and shelves under the side decks. Mirror. Headroom 1.97 m. Four windows three of which are opening. One skylight. Door to saloon, headroom in the walk-through 1.98 m.

## **Engine**

Engine: Volvo Penta D3-110, 81 kW / 110 HP, 5 cylinder direct injected turbocharged marine Diesel with intercooler. Hydraulic transmission. The engine is fresh water cooled and equipped with oil cooler. Single lever control for rpm and gear shift. The instrument panel includes tachometer, temperature gauge, oil pressure and voltmeter for engine start battery, acoustic and optic warnings. 3 bladed fixed propeller, left hand. Shaft 45 mm stainless steel. Volvo Penta rubbershaft seal.

## **Engine room**

The engine compartment is accessible from both a door in the saloon, starboard of the companionway and from a door in the walk-trough. One can walk into the engine room and around the engine. All pumps, heater, water heater and filters are easily accessible and easy to clean. Special care for good sound insulation. The foam insulation is covered by metal plates.

## **Fuel and fresh water tanks**

Fuel: 850 litres in stainless steel tank. Water: 1,020 litres, also in a tank of stainless steel situated under the floor in the saloon. Access ports are provided for easy inspection and cleaning of all sections. Active coal filter. Pressure water hot and cold at all faucets. The warm water is heated by the engine and also by the shore connection and is stored in a well insulated 80 litres tank.

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## **Electricity**

Lighting: 24 V, 55 A alternator. Batteries: 280 Ah, 24 V.

Engine circuit: 12 V 50 A alternator. Engine start: 140 Ah, 12 V.

Main switch for engine start and lightning batteries. Automatic fuses. Voltmeter for engine and consumer battery. Gauge for fuel and water. Good lightning.

Shore connection and battery charger: 25 A, 24 V. There are 24 V and 230 V power outlets at suitable positions. (12 V outlets and 120 V outlets can be ordered as an option.)

## **Heater**

Two Webasto Airtop 32, Diesel air heaters.

## **Hoses etc.**

All drains from the selfdraining cockpit, sinks, washbasins, etc. are of durable rubber or plastic material. Hoses for cold water are from PVC and is glassfiber reinforced. Special rubber hoses for hot water is used. All through hull fittings are provided with seacocks. All clips in stainless steel. Electrical and manual bilge pumps.

## **Ventilation**

15 windows, of which 14 open, five skylights, dorade and Electrolux vents. Electrical fan over the stove. All lockers are equipped with louvered doors.

## **Upholstery etc.**

Cushions in the sleeping cabins are fully sprung mattresses and the saloon cushions are 13 cm (5") polyeterfoam covered with high class furniture fabrics. Inside of the hull has mahogany lining.

## **Certification**

The boat is CE certified for category A (unlimited ocean voyages) by Germanischer Lloyd and the yacht is delivered with a CE certificate and a CE plaque.

## **Loose equipment:**

CQR-anchor, 75 lbs / 34 kg, 70 m chain 12 mm

6 mooring lines 10 m

6 fenders

Boathook

Flag staff

Four winch handles with lock

Windex

We reserve the right to changes following our policy of constant development.

*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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