

Hallberg-Rassy 41 Standard specification

from 1977

Hull:

GRP in hand lay up. Colour: White. Bottom treated with antifouling. Built in longitudinal stringers and tanks in GRP. Ballast keel in iron, moulded in and completely protected in GRP. Rudder blade in GRP. Rudder main piece Ø 40 mm bronze. Heavy cast rudder fittings in bronze. Hull and deck, with rudder and chainplates etc, are built under the supervision of Lloyd's for "Hull Moulding Certificate".

Deck and superstructure:

GRP-sandwich construction, 25 mm with polyvinylcellular plastic as core material for strength and insulation. Colour: Ivory white. 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, cappings on cockpit, coamings, companionway, hatch guides, sole and seats in cockpit are all in solid natural teak. Laid teakdeck on top of GRP deck, 1/2". The deck is provided with four 1" scuppers draining below the waterline. Two 1 1/2" scuppers from the watertight and self draining cockpit.

Spars and rigging:

Mast and boom in anodized light alloy profiles. Main mast: 239x162, 6,1 lbs/foot. Mizzen mast: 162X104, 2,6 lbs/foot. The masts are provided with a special channel for later installation of cables for electrical equipment. The masts are stepped on the cabin tops directly over strengthened bulkheads. Modern jiffy reff for the main. 2 halyard reel type winches Lewmar 2 or equiv. and one Lewmar 8 for mizzen. On the main boom are two Lewmar 8 for reef and outhaul. Boom vang tackle for main and mizzen. Internal halyards. Deck lights in both masts. Fittings for spinnaker halyard at masthead, pennantlines, fittings for mizzen staysail at mizzen masthead. Mainsheet 6-part with Lewmar 25 or equiv. Mizzen sheet 3-part with clamcleat. Two sets of foresail sheets. Four Lewmar adjustable track cars for the foresail sheets on 10' Lewmar light alloy track. Two heavy footblocks for better lead to winches. Main shrouds and stays in Ø 8 mm (5' 1/16") 1x19, one backstay insulated. Mizzen shrouds and stays Ø 6 mm (1/4") 1x19. Turnbuckles 5/8" resp. 7/16". Jib and main halyards 6 mm (1/4") 7x19. Mizzen 4 mm (3/16") 7x19. Boom lifts. Stainless chain plates and stemhead fitting. The outer forestay is equipped with jib roller: Varioturn 3 or equiv.

Sails:

First class workmanship in terylene or dacron, soft treated cloth.

Main and mizzen sails with slides for track in masts.

Mainsail: 34.5 m² - 300 gr/m² (380 sqft).

Workingjib: 34.0 m² - 300 gr/m² (375 sqft).

Mizzen: 11.7 m² - 300 gr/m² (130 sqft).

Genoa: 55.5 m² - 220 gr/m² (610 sqft).

All sails are delivered in bags with eventual battens. Sail covers for main and mizzen sail.

Equipment:

Sheet winches - two Lewmar 44, three speed.

Three winch handles 10", "lock in"

Four 15" mooring cleats.

Two 10" mooring cleats, amidships.

Davits for dinghy.

Pulpit, open type for easy embarkment.

Built in rubbing strake with bronze profile.

Double lifelines with seven pairs of conical stanchions.

Gates portside and starboard side.

The yacht is delivered with permanent windscreens with heat treated glass in light alloy frames. In the wind-screen one window is opening and provided with electric wiper. A canvas canopy attached to windscreen protects the forward part of the cockpit.

Portlights in heat treated glass in light alloy frames.

Bowsprit with electric anchor windlass. Two double rollers. One self stowing 45 lb CQR anchor. The chain is lead to a self draining chain locker. 40m (135') of 3/8" chain is provided.

Steering with Edson wire rope steering, easy adoptable for autopilot.

Compass: Sestrel Moore or equiv.

One electric bilge pump and one manual, type Whale Gusher 10.

International navigation lights, 4".

One anchor line 30m (100').

Six mooring lines 10m (33').

Six fenders 6".

Boathook.

Bathing ladder on transom.

Engine:

Volvo Penta Diesel MD 21 A. 75 hp SAE at 4.500 rpm. Used output 33 kW (45 hp) at 3000 rpm. Four cylinder Diesel of swirlchambertype, crankshaft in five main bearings.

The engine is fresh water cooled and equipped with oil cooler. Reverse and reduction gear type RB 1.91:1.

12 V electrical system with 38 A alternator, four batteries each 114 Ah, one for engine starting and three on separate circuit for lightning etc.

Instruments comprise Tachometer. Temp gauge and optic and acoustic warning signal.

Propeller: 3-blade, pitch 11", diameter 17", left hand. Propeller shaft Ø 30 mm stainless steel.

Engine and shaft carefully aligned and rubber suspended. The engine compartment is sound insulated for lowest possible sound level.

Shaft bearing. Cutlass water lubricated rubber bearing. "Wet" exhaust line with compensator, water lock and effective rubber silencer.

Two fuel tanks 460 litres (121.5 US gallon) with separate pump for draining of eventual water or sludge.

Accommodation:

First class workmanship in selected mahogany, hand rubbed and treated to a silk smooth finish. The accommodation consists from forward: Water and gastight stowage for propane bottles, anchor chain below. The space is accessible from deck and drained overboard. Forepeak with two comfortable berths. Length of berths: 2,05 m (6' 8"). Filler between berths gives 0,8 m (2' 8") width at shoulder. Below the berths are stowage area, accessible through doors. The inside of the hull is lined with mahogany. Shelves at sides. A sliding door separates the forepeak from the passage to the main cabin. On the starboard side of the passage is a good sized hanging locker. On the port side is an enclosed toilet compartment with a marine toilet. 10 US gallon holding tank. Wash basin in china, sunk into the countertop. Running hot and cold water with telephone type shower. Manual fresh water pump in reserve. Shower curtain, mirror and lockers. The floor is dished and drained for showering. The walls are covered with light colour linen texture vinyle. The main cabin is built with fair size sofa berths port and starboard side. Port side sofa is made as a 7' 0" L-sofa. The starboard sofa is 6'8". Bookshelves and lockers outside the sofas. The inside of the hull above berths is paneled with mahogany. The ceiling is lined with somvyl. Aft in the main cabin is a L-shaped galley equipped with 2-burner stove with oven in gimbals. Permanent tubing with shut of valve for liquid gas from stove to gas bottle. Icebox 220 litres, drained and with refrigeration

unit. Stainless sink 13"x16" with running hot and cold water, manual pump in reserve. The working surfaces on countertop in easy cleaned teak texture plastic laminate. Locker for china, drawers etc.

Under the floors in the main cabin is a freshwater tank 560 litres (148 US gallon). On the port side is navigators table with chart locker, drawers, el. switch panel with voltmeter and meters for freshwater and fuel. Oilskin locker behind the accommodation ladder.

In the passageway to the aft cabin is a workbench with stowage lockers. The engine room is reached from the passageway through big insulated doors.

In the aft cabin there are two berths 1,95m (6' 10") x 0,8m (2' 9"). The inside of the hull is lined with mahogany. Shelves at sides. The roomy separate toilet compartment in the aft cabin is similar equipped as the forward. Headroom 1,90m (6' 8"). Thermostat shower. On the port side in the aft cabin is a hanging locker and drawers. Door to main cabin, escape ladder to cockpit. The cushions are all in heavy 5' polyester foam. The upholstery in high quality furniture fabrics.

The floorboards are all teak, covered by wall to wall carpets.

Curtains in all windows.

24 cabin lights and 2 fluorescent lights, one in galley and one in engine room.

The cockpit is self draining. Seats and gratings in teak. Stoweroom accessible from cockpit. Upper chart table and cockpit table.

Steering stand in GRP and steering wheel in teak.

Panel for instruments.

Permanent stowage for a life raft, mooring- lines etc. on the aft cabin top.

Ventilation:

Forepeak: opening skylight.

Passageway and head: opening skylight and two opening portlights.

Main cabin: One opening skylight and four dorade vents.

Aft cabin: Two opening portlights.

Aft toilet compartment: one opening portlight.

Ventilating panels in main and escape hatchways.

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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