

HARDY 40DS Specification #1 June 2013



HARDY 40DS - Specifications

Main Dimensions (Approx.)

Length (hull)	12.8 m
Beam	4.3 m
Draft	1.2m
Height above waterline (mast down)	TBC m
Dry weight	14 t
Fuel capacity (1 stainless steel tank)	1710 lt
Water capacity (2 plastic tanks)	430 lt

Performance (approx.)*

Maximum speed	19 knots
Cruising speed	8 to 14 knots
Fuel consumption	TBC
Range	TBC

*Assumes reasonable weather, normal loading and that the boat is clean underwater

ACCOMMODATION

Forward Stateroom

- Large sized double bed with material headboard.
- Extensive lockers and drawer units.
- Dressing table with mirrors and suitable lighting.
- Optional TV built into aft bulkhead.
- Overhead deck hatch.
- En-suite door into heads unit.
- Carpet and curtains throughout and where necessary.

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Guest cabin

- 2 full length twin berths
- Hanging locker and storage lockers below berths.
- Carpet and curtains throughout and where necessary.

Forward Heads

- Main access from companionway with en-suite access from forward cabin
- Electric toilet with manually pumped holding tank (electric upgrade available)
- Washbasin and toilet set into moulded GRP unit for easy washdown
- Separate shower stall with Perspex shower door
- Washing machine locker in shower stall for future fit of unit if required
- Mirror with appropriate lighting
- Towel rail, tooth brush holder fitted as standard
- Electric fan.

Deck Saloon

- Comfortable seating for 6 or more around u-shaped settee. Forward seatback creates large storage drawer
- Dining table with folding leaves
- Large saloon windows to give ample natural light. Aft side windows opening to aid ventilation.
- Dedicated drinks and glasses locker
- Locker units with an optional built-in TV on a retractable bracket
- Daily access hatch to the engine room
- Complete sole may be removed for more extensive maintenance access around engine and gearbox and to the stern gland
- Large opening stern "patio" style door with foldaway panels to give access to the aft cockpit
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Galley

- Electric 4 burner ceramic hob (induction hob upgrade available)
- Electric fan oven/microwave oven combined
- Large sink and mixer tap
- Various lockers and drawers
- Fridge as standard with optional freezer
- General lighting with dedicated lighting above work surfaces
- Waste bin

Helm Area

- Good all round visibility for helm
- Opening hatch in deck above helm seat.
- Adjustable steering position
- Engine and thruster controls
- Basic navigation equipment with extensive upgrade options
- KAB seats as standard

ON DECK

- Teak decking standard for side decks and aft cockpit. (optional teak deck on forward coachroof)
- Side decks enclosed by bulwarks and solid handrails round the whole boat.
- Windlass on fore deck with local controls, plus controls at the helm position
- Anchor and 60m of anchor chain

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Aft cockpit

- Moulded seat lockers with seat cushions and backrests along the transom which are also deck lockers.
- Optional curtains to enclose cockpit area.

Large bathing platform

- Accessed via opening gate in transom.
- Teak decking laid onto platform.
- Extending MOB/ bathing ladder.
- Optional liferaft holder above bathing platform

Access via steps from aft cockpit

EQUIPMENT

Main engine

- Single Yanmar 6LY3STP diesel engine 440hp at 3,300rpm
- Twin engine can be fitted as an option which includes a change to the underwater profile of the boat to accommodate twin stern gear.

Gearbox

- KMH61A gearbox with 2:1 ratio

Steering

- Hydraulic steering mechanism to lower helm position

Thrusters

- Electric bowthruster
- Electric stern thruster with proportional control as option

Stern gear

- Fixed pitch propeller driven by solid shaft in cutlass bearing. Traditional simple packed stern glands for reliability and safety

Electrical system

- Dedicated 24v start battery for engine
- 24v domestic battery bank
- 240AC shore supply system with 3kw inverter and 80 amp battery charger
- 24v electrical system controlled by a data cable system for ease of monitoring and offering premium levels of control
- AC or DC generator can be fitted as an option.

Navigation

- Raymarine Ray55E VHF radio
- Raymarine c97 chartplotter with depth and speed transducer. Display will be used to control the electrical monitoring and control system
- Magnetic Compass

Heating system

- Forward wheel house windows electrically heated for de-misting with options for side window heating
- Optional diesel fired heating system circulating hot water to separate controllable units in each cabin and the saloon. The hot water calorifier and towel rails can also be heated if required.

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Water system

- 24v DC pressurized hot and cold water provided by a calorifier with coils from engine plus 240V immersion heater.
- Optional water maker.

Black water system

- approx. 227lt holding tank with Offshore Systems electrical gauge system. Manual pump overboard plus deck suction pump-out facility.
- Electric macerator pump for holding tank can be fitted in place of manual pump out as an option.

Grey water system

- Shower and basin in heads are piped to mini sump tanks with automatic electric pump-out overboard.

Bilge system

- Electric submersible pumps with automatic sensors are installed in each of the 3 watertight compartments. There is additional stripping pump in the engine space bilge with an automatic sensor, and a hand emergency bilge pump with an extended suction hose that will reach any of the compartments

Ventilation System

- Forced ventilation and extraction to the engine space. Extractor fan in the heads compartment and galley. A dedicated cooker extractor unit is available as an upgrade.

Entertainment

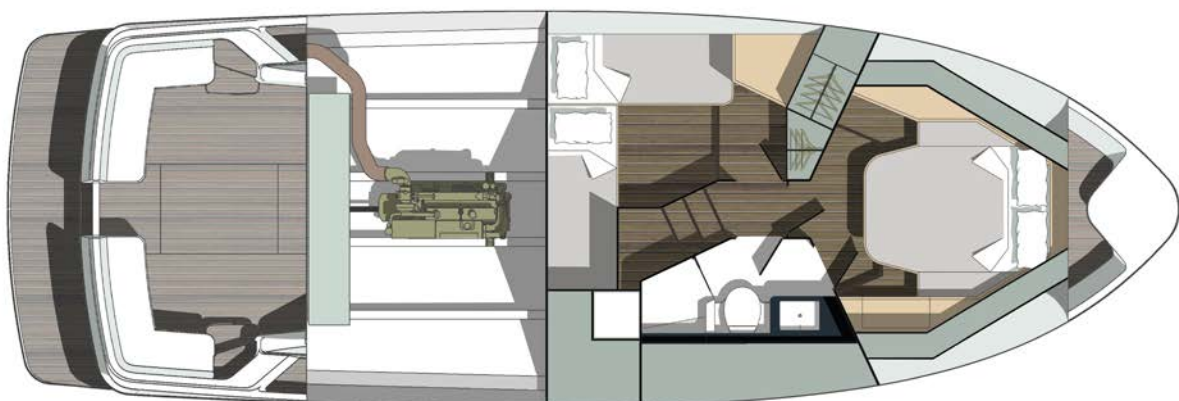
- FM stereo inc. mp3 and Bluetooth input with remote control and speakers in deck house.

Lighting

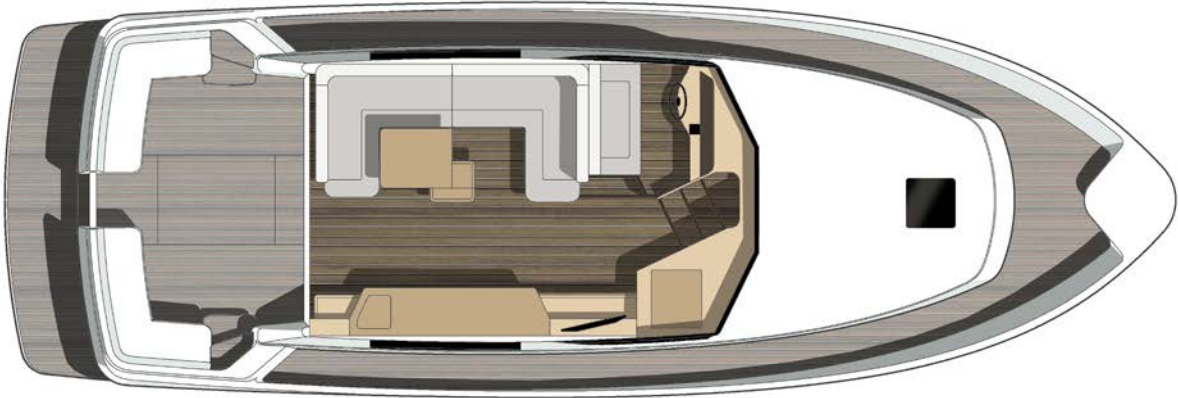
- Main lighting is provided by LED lights throughout..
- Each berth has its own bulkhead reading light
- Engine and service area lit by fluorescent and LED lights.

General

- 2 Perry buoys with light and lines.
- Fire blanket, fire extinguishers throughout and auto fire extinguisher in engine room.
- Echo max radar reflector fitted on mast.
- Fenders, fender lines and mooring lines supplied



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These are preliminary sales details and are subject to change without notice. As with any Hardy the specification can where practicable, be changed to suit individual requirements.