

NORDSHIP YACHTS

Nordship 40 DS Specification

Nordship 40 DS. Category A Ocean Class Deck Saloon Cruising Yacht. Category A being the highest certificated class within the CE certification system. The CE certification includes the construction of the boat, the materials, building methods and all products delivered by our subcontractors.

Data

Length over all	12,90	m
Length of hull	12,20	m
Length in WL	10,80	m
Draft	1.80 / 2,00	m
Beam	3,90	m
Mast height above WL	18,80	m
Mainsail	47,00	m ²
Genoa	31,00	m ²
Freshwater tank ca.	2 x 200	L
Fuel tank ca.	1 x 375	L
Displacement	10.500	Kg
Lead Keel	3.700	Kg

Hull and deck

Hull and deck is hand laminated using DCP/ORTHO polyester and XGT gel coat. Dark blue sheer and waterlines are moulded into the gel coat. Sandwich construction in balsa, including deck and superstructure is used above the water line. Below the waterline the hull is a solid laminate. The Hull and deck is bonded and bolted. The lead keel is bolted to the hull with 11 x 22 mm stainless steel bolts. GRP Rudder with Aluminium rudder stock. The hull below the waterline is treated with Epoxy primer and antifouling.

On Deck

Teak on side decks, cockpit sole, cockpit seats and bathing platform. A robust and solid teak toe rail ensures safety along with an integral laminated non slip surface. Stainless steel grab rails mounted on deck saloon roof. On the forward cabin top is mounted an integrated self tacking system for the jib, 3 skylights and 2 Dorade ventilators. Windows in aluminium frames with 'Securit' glass in the deck saloon. Skylight mounted in deck saloon. 6 heavy cleats integrated in the toe rail. Guardrail, pulpit and pushpit in stainless steel. Teak and stainless steel bowsprit with teak grating, hinged bow ladder, anchor, bow roller and 30 meters of chain. Anchor locker in foredeck with 1000 watt anchor winch. Bathing ladder on platform is also included.

Cockpit

Cockpit is divided into 2 sections; the forward section is absolutely free of ropes and lines and gives comfortable seating for 6-8 persons

around the large cockpit table. From the forward cockpit section access is made to the deck saloon via the companionway, which includes a sliding acrylic hatch and a folding door in teak. The entrance is protected by the spray hood. On the port side of the forward cockpit there is access to the large cockpit locker / workshop (also accessible from the aft toilet)

In the aft cockpit, is mounted the steering pedestal with wheel covered in leather, rudder brake, electrical throttle and a compass. Behind the wheel there is also a large locker under the aft seat. The engine control panel with rev. counter and alarms is mounted in the coaming.

All sheets and halyards are led back to the helm position and are controlled by the 2 x Andersen ST46 winches. The lead of the lines, from mast to cockpit is hidden under the coachroof and pass through individual continuous stainless steel tubes to ensure no snags and wear or tear by friction.

Next to the companionway, is mounted a Raymarine ST 60 Tri-data log, speed and depth sounder.

On the bridge deck between the 2 cockpits, the traveller is mounted. Both cockpits are self draining.

Mast rig and sails

Silver anodised mast with 9/10 rigging and 2 sets of spreaders. The mast is stepped on deck and supported by a steel compression tube from the deck to the keel. Spinnaker pole is mounted on the mast. The boom is fitted with outhaul, rod kicker and 2 reefs. On the mast there is a winch for the genoa halyard. The main halyard and the reefing lines are lead back to the genoa winch through pipes in the superstructure. Backstay with mechanical backstay adjuster. Furling jib with the furling line lead back to the cockpit and self tacking system. Fully battened main sail. All bottle screws have bronze barrels to avoid binding. Windex fitted in mast top.

Engine

4-cylinder Fresh water cooled Volvo Penta Diesel D2-55 55HP with sail drive fitted and 3 blade folding propeller to ensure smooth and low vibration running. Fitted with a Fuel and Seawater filter. Effective sound insulation with rubber plate with lead and over that a foam also with lead inside. The whole insulation is protected against dirt by an aluminium foil. Good access to the engine room from all sides. Engine control instrument with rev counter acoustic alarms, start and stop, is mounted in the cockpit. One hand gear and speed control is fitted on the steering pedestal. The engine is served by a 375 Litre fuel tank in stainless steel.

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Electric system

12 volt system with 75 AH engine start battery and 3 X 75 AH auxiliary/general use batteries. Isolated circuits. Master switch and control panel with fuses, voltmeter, 12 volt socket and gauges for water, fuel and waste tank. 115 AH 3 phase generator charge level control on engine. 220 volt shore connection with 40 AH charger, Fuse Indicator test panel, and 3 x 220 volt sockets and 220 volt heating for hot water. Lighting through out the boat. Halogen spots in the headlining, reading lamps, working light in galley and chart lamp. International compliant navigation lights, steaming light, anchor light and deck light. Automatic bilge pump, automatic shower drain as well as electric pump for pressurised water. Refrigerator. Combined Speed and echo sounder.

Heating, water and waste water

Eberspächer 5 KW air heating with 5 outlets. Heat exchanger on the engine and 220 volt shore power provides hot water. Electric pressurised water to sinks and shower. 2 x 200 Litres freshwater tanks in stainless steel. 90 Litre Waste tank with vacuum drain in deck or draining into the sea via seacock. Electric shower drain (over board) and electric and manual bilge pumps.

Interior Finish

Top quality mahogany in Matt finish varnish. Panelled doors and locker doors with solid frames. Floors in matt varnished teak on ply with inlaid bright stripes. Ceiling cover in white leatherette with mahogany inserts. Choice of high quality upholsteries. Curtains / blinds to all side Windows and skylights.

Deck Saloon

To port the deck salon has a large U-shaped sofa around a spacious dining table, which is raised to ensure, a panoramic view trough the extensive windows while seated. Below the table is an integral bottle storage. Under the raised floor is storage in a drawer.

To starboard there is a large chartable with switchboard and space for numerous instruments. An internal helm position is offered optionally.

At the chart table there is offered a height adjustable chair, which can be lifted off its bracket and used at the saloon table while docked in a harbour. Cupboards and storage abound.

Galley

To starboard forward of the saloon, there is a large longitudinal galley with white work surface,

gimballed oven with 2 burners. Double sink with hot and cold pressurised water, 110 litre build in refrigerator with mahogany veneer door trim. Lots of drawers and cupboards, of which one is laid out for the storage of plates, cups and glasses for 6 persons, which is also included.

Fore cabin

The fore cabin includes a large double berth. Aft of the berth there is a hanging locker. The hull is panelled with horizontal solid mahogany stripes. Above the berth on both sides there are cupboards and shelves. In the roof there is a large skylight with blind.

Guest bed

To port of the galley area is access to an exceptionally comfortable guest bed built under the seats of the deck saloon. Large hanging locker and lot of storage

Toilet compartments

2 x toilet rooms with bulkheads in white laminate. One in the front, between fore cabin and the guest bedroom and one in front of the aft cabin to the port. Doors and trim in mahogany, and beige tiles on the floors.

The forward toilet room is equipped with marine w.c. and wash basin, the aft one is further equipped with shower and automatic shower drain. From the shower there is access to the cockpit locker/ workshop, where the heater and hot water boiler are placed.

Walk way to aft cabin / evening saloon / Library / Snug

The through fare to the aft cabin provides an excellent retreat providing armchairs, library shelving and drinks cabinet to the starboard side of the evening saloon.

The drinks cabinet creates 2 arm chairs but can be lifted clear to create an excellent sea berth for when on passage.

To the opposite there is an additional armchair and the engine box, which can be used as a table, over the engine there is a fine place for a television.

Aft cabin

A luxury "owner's cabin" with a large double bed and access from both sides.

Many cupboards and lockers provide storage. The hull is panelled with horizontal solid mahogany stripes.

Further equipment

4 fenders, , ensign staff, 2 winch handles, boom cover, 4 warps, emergency tiller, and 3 fire extinguishers.

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Nordship 40 DS

Boat and equipment are built according to EU guidelines for CE certification and approved to Category A-ocean.
Nordship 40 DS Standard Specification:

Hull and deck

- Below the waterline treated with epoxy primer and antifouling
- Teak on side decks, cockpit sole, cockpit seats and bathing platform
- Solid teak toe rail
- 6 stainless steel integrated mooring cleats
- Stainless steel bowsprit with teak grating, hinged boarding ladder and anchor with 30 metres of chain
- Electric anchor winch
- Stainless steel pulpit, pushpit and guard rail with wire
- Bathing ladder in stainless steel
- 4 skylights
- Windscreen wiper at starboard front screen
- 2 Dorade ventilators

Cockpit

- Wheel steering with rudder brake, leather on wheel, and engine control
- Cockpit table
- Mainsheet mounted on bridge deck between the two cockpits
- 2 x Andersen ST 46 self tailing genoa winches
- Cave lockers in cockpit coming
- Raymarine ST60 Tridata speed and echo sounder
- 4 lines lead back from mast to cockpit through friction free s/s pipes in the superstructure

Rig and sails

- Fully battened mainsail
- Jib with headsail roller reefing and self tacking system
- Boom supplied with outhaul, 2 reefs and rod kicker
- Spinnaker pole mounted on mast
- 1 x Andersen 28 halyard winch mounted on mast
- Mechanical backstay adjuster.

Engine

- 4-cylinder Fresh water cooled Volvo Penta diesel D2-55 55HP
- 3 blade folding propeller
- Engine control panel with alarm, start and stop and rev counter
- Stainless steel fuel tank. Capacity. 375 litres

Electric system

- 12 volt system with 75 AH starter battery and 3 X 75 AH auxiliary/general use batteries
- Electrical control panel with gauge for water, fuel and waste tank and a 12 volt socket
- 220 volt shore connection with 40 AH charger and 3 x 220 volt sockets
- 220 volt heating of hot water
- International approved navigation lights and deck light
- Halogen spots in the ceiling, up lights / reading lights on bulkheads, working light in galley and chart lamp

Heating, water, waste water

- Eberspächer 5 KW air heating with 5 outlets
- Stainless steel freshwater tanks ca. 2 X 200 litre (400 litres total)
- Waste tank ca. 90 litre
- Pressurised water system with hot and cold water
- Hot water prepared by the engine and shore connection
- 2 Marine WC's
- Electric pump for shower drain
- Electric- and manual pumps for the bilge

Galley.

- Gas oven with 2 burners
- 110 litre built in refrigerator
- Plates, cups and glasses for 6 persons

Additional equipment:

- 4 fenders
- 4 warps
- Spray hood and boom cover
- Ensign staff
- 2 winch handles
- Emergency tiller
- 3 fire extinguishers

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