

HENNINGSEN & STECKMEST: SCALAR 40 / DS



The biggest Scalar so far is more sporting than her sisters, the shallow and slimmer hull gives her her potential, nevertheless we kept a slight s-clip shape for better use of energy near the keel and a Skegan suit of sails for higher stability in holding the course.

Beside the approved extraordinary building quality you will enjoy incomparable sailing joy.

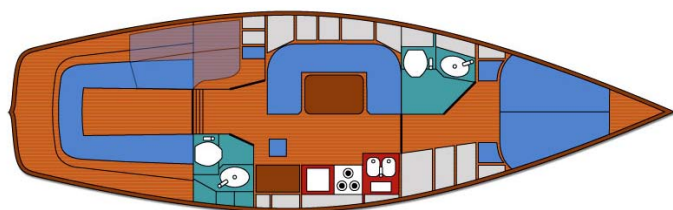
The Scalar 40 can be produced as a Scalar 40 DS.

An incomparable 40 foot yacht.

Highlights

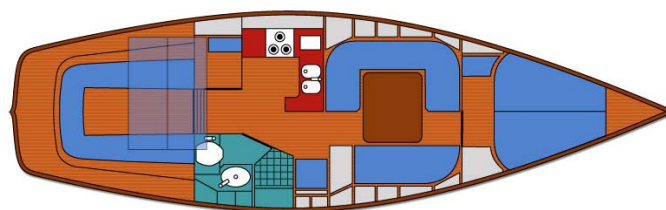
- Lavish build in wood
- Extraordinary amount of storage space
- Can be adjusted to fit your personal wishes
- Sporty sailing features
- High course stability
- Optionally with tiller

HENNINGSEN & STECKMEST: SCALAR 40 / DS FURNISHING SUGGESTIONS



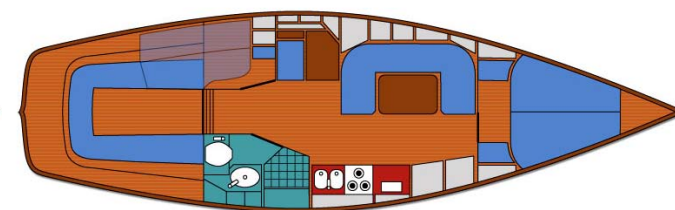
■ Pantry ■ Washroom ■ Seating & Bunks ■ Cockpit Benches ■ Tables ■ Cupboards

Double bunk and 2 WCs



■ Pantry ■ Washroom ■ Seating & Bunks ■ Cockpit Benches ■ Tables ■ Cupboards

Double bunk & Shower



■ Pantry ■ Washroom ■ Seating & Bunks ■ Cockpit Benches ■ Tables ■ Cupboards

Double bunk & shower II

Furnishing suggestion:

Handcrafted building offers us the possibility of furnishing in accordance with your personal wishes.

The pictures of furnishing are only possibilities of how it could be done. We would be happy to accommodate your ideas and developed your personal version.

Scalar 40 / DS:

The furnishing plan of the Scalar 40 can be developed with you, as far as this is possible. Depending on how you want to use your boat we can furnish the Scalar as you wish.

Through this the Scalar is highly individual.

Data:

Length: 11,99 m
 Breadth: 3,70 m
 Draught: 2,10 m
 Weight: 9,30 t
 Sail surface: 95,00 sqm

HENNINGSSEN & STECKMEST: SCALAR 40 / DS SAIL PLAN



<i>Mainsail:</i>	<i>45,0 qm</i>
<i>Genoa III:</i>	<i>38,5 qm</i>
<i>Genoa II:</i>	
<i>Genoa I:</i>	<i>50,0 qm</i>
<i>Storm foresail:</i>	
<i>Spinnaker:</i>	
<i>Gennaker:</i>	<i>110,0 qm</i>
<i>Sail surface:</i>	<i>83,5 qm</i>

Sail plan Scalar 40 / DS

Informations:

We equip the Scalar 40/DS with a modern double sailing rigging made by our own sail producer CO-Segel.

Part of the Scalar delivery is the genoa III and the gross.

All sails are produced specially for the Scalar 40 and are developed in accordance with its specific sailing qualities.

If you wish we can deliver the Scalar with following sails:

- Roll genoa
- Roll groß (mast)
- Roll groß (boom)
- Spinnaker
- Blister
- Additional fore sail
- Kutterstag

HENNINGSSEN & STECKMEST: SPECIFICATIONS

Specifications and standard-delivery for Scalar-Yacht 40 / DS

The hull

The hulls are produced using compact laminate with 4 continuous stringer. The use of best Resin and high amount of fiber glass ensure a very resistant hull. The foam filled rails are attached to the Niro-half-circle. The conservation of the under ship is accomplished by three layers of tar oxides and two layers of anti-fouling material.

Deck

Wooden construction made of 8mm Khaya plywood and glued on the deck arbors and 15mm teak deck are perfectly fitted and completely glued.

The teak decks are produced using 15mm massive-Burma-teak. The teak arbors are glued without a stopper. The closure coat is 10mm thick, through this type of building. The grooves are closed with Sika 290DC on the foot rail.

Build and cockpit sides:

The build-up sides and the cockpit sides are made up of 3-times glued 24mm Khaya-mahogany wood. The wood is varnished 9-10 times. The build-up sides and the cockpit floor and the seating space are handcrafted with 15mm teak wood. Teak handrails are fixed to the build-up roof on both sides.

Furnishing

The furnishing is crafted in Khaya-mahogany and varnished with a silky-matt finish. The floors are made up of 15mm Khaya-deck slabs with light Abachi-veins and Niro lifters.

Pantry

The pantry is equipped with a double sink and single-control-mixing battery, cooling box with a compressor, cooker with 2 or 3 flames, with lifting technique, type Techimpex XL 3. China and glasses for six people are fixed in a seaworthy fashion.

Salon

In the salon you can choose between different types of storage space. Also there is the possibility of using one of the cupboards as a bar compartment, in which bottles and glasses can stand safely.

WC-Raum

The WC-room is fitted with: Pump WC RM 69 deluxe, 1 sink, single-control-mixing-battery, shower-armature, 22l warm water boiler, using Motor cooling water or 220 V land connection. The floor is produced as a showering floor and has a drain basin and pump, Niro dejection tank.

HENNINGSSEN & STECKMEST: SPECIFICATIONS

In the whole ship

In the whole ship the reading and ceiling light are inclusive to this build, execution in messing, chrome and Niro.

The inside of the doors are produced with chrome. The windows and portholes by moonlight. The upholstery in the whole ship is produced in high quality foam and tile quality. Examples came be viewed for all options (Normal price 60,00 euro/sqm) In the bow, or in the owner sleeping rooms a slat system is used as a flexible padding support.

The colors in the pantry and in the WC, as the color of the curtains can be chosen individually (normal price: 16,00 euro/m).

Deck equipment

Deck clamps: 4 fixing clamps, Two spring clamps in Niro, Deck covering: pulpit and Steven bracket with anchor clamp, pushpit with bathing ladder in 25mm V4A, 10 Railing shoring with two rail wires from NIRO Peterson.

Anchor

CQR-anchor 27kg, anchor chain 40 m, 8mm, galvanized, anchor winder Lewmar V2 with foot switches.

Four moorage lines with splices and four fenders.

Two Lewmar genoa winches CST 48, 2 gears or all winches in Niro v. Andersen genoa bulkhead system: Ocean Rails with hole-stop, two genoa wagons Type 2600 with a stopper and two End-switching-rolls 84 34 (deck blocks) Lewmar main- bulkhead-system: traveler-system with wagon 290 32 2200, Lewmar-Main-shot-block-system: LE 199 28 700, Lewmar-mast-collar-blocks; deck switcher and stopper. Plus 2 wenches ST 28 f. catch bolts and sail shortening lines.

Mast & rig

John mast with rod-staying incl. a furlex 300 S role-reef-system and main boom with line-reef-system and kicker brace.

Sail

Sail: A main sail 45 sqm and two reef arrays and boom tarpaulin. A genoa III-38,5sqm with reef equipment and role-fore-sail-tarpaulin. The firm CO-Segel, produces high quality sails, handcrafted specially for your Sclar in the sail-production in Grödersby near Kappeln.

Motor

Two circuit cooled Volvo D2-55 with 39KW/53PS. Sail-drive system with 39 flg. Folding propeller Volvo.

Steering

Wheel steering from Jefa or if you wish also with tiller steering.

HENNINGSSEN & STECKMEST: SPECIFICATIONS

Tank capacities

Diesel	ca. 125 ltr
Water	ca. 265 ltr
Dejection	ca. 70 ltr.

The tanks are produced by Fa. Niro-Petersen in Flensburg with approved tag for our Scalar 40. Depending on the furnishing concept the capacity and place for the tanks can vary.

So long as it is possible, depending on the build variations, the tanks can be placed in the following places:

- Diesel tank under the cockpit floor
- Water tank in the sofa area
- Dejection tank in the WC-room

Electric

On-board electricity and switch board according to CE standard, land access with charging device, separate electric circuits: Start: 60 AH, user: 3 x 130 AH.

Yacht- und Dockyard
Henningsen & Steckmest

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