

## HENNINGSSEN & STECKMEST: SCALAR 31



The smallest of the Scalar yacht captivates through her manageable and well-thought-out-details. In the lavish owner version the Scalar 31 is the ideal companion for a crew of two people – through a lot of storage room you won't have to leave anything behind – even on long journeys.

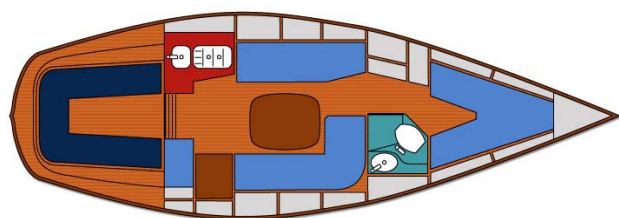
Hardly any other yacht offers the owner as much freedom when it comes to his wishes for the unique build in wood.

The handcrafted teak deck and the elegant design make the yacht an eye catcher.

### Highlights

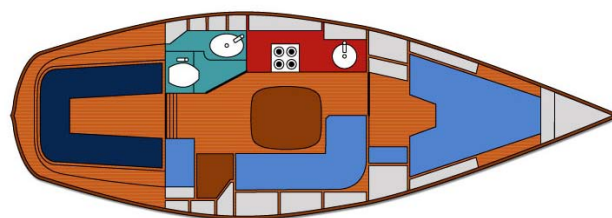
- Lavish owner version
- Timeless classic design
- Individual build in wood
- Safe performance whilst sailing

## HENNINGSEN & STECKMEST: SCALAR 31 FURNISHING SUGGESTIONS



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

**Standard Version**



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

**Owner Version**

### Furnishing suggestions:

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 31:

The Scalar is built in two versions by our dockyard. The first is the standard version with berths and a large salon. The other is the owner version, which was specifically developed to accommodate a two person crew. She is most interesting for those looking for a large bathroom and spacious space for dressing.

### Data:

Length: 9,30 m  
 Breadth: 3,18 m  
 Draft: 1,70 m  
 Weight: 4,85 t  
 Sail surface: 39,70 sqm

## HENNINGSEN & STECKMEST: SCALAR 31 SAIL PLAN



<i>Mainsail:</i>	<i>20,0 sqm</i>
<i>Genoa III:</i>	<i>19,7 sqm</i>
<i>Genoa II:</i>	
<i>Genoa I:</i>	<i>34,5 sqm</i>
<i>Storm foresail:</i>	<i>14,8 sqm</i>
<i>Spinnaker:</i>	<i>83,0 sqm</i>
<i>Blister:</i>	<i>60,0 sqm</i>
<i>Sail surface:</i>	<i>39,7 sqm</i>

### Sail plan Scalar 31

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#### Informations:

The Scalar 31 is always delivered with fore and mainsail.  
 If so wished we can deliver your Scalar with the 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-Yachts**

#### **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. Keel and skeg are connected seamlessly. The lead ballast is fixed to the hull from above and is covered with GfK-laminate. On top of that a strong mahogany floor construction is constructed, that is then laminated into the hull. All bulkheads stand on foam strips and are laminated on both sides. Specially strengthened bulkheads are able to hold the welded steel construction.

#### **Steering gear Scalar 36 and 36 DS**

Wheel steering Type: Whitlock, GfK-oar blade with 40mm Niro-Loom, 3 times embedded, Niro-oar-sagger, Niro-foot fitting, Control column with retaining clip and Ball compass, emergency tiller.

#### **Steering gear Scalar 34**

50 mm V4A Loom with welded anchor arm. Partially pre-balanced GfK-oar blade, 3-times embedded, GfK-oar-sagger fitted above with a roller-bearing, oar tiller with telescope, Tiller boom. 2 Suunto-Compasses in the assembling back wall.

#### **Steering gear Scalar 31**

Built in the same way as the Scalar 36 but with a 30 mm Niro loom und glue-shape oar tiller with Boom, 2 Suunto-compasses in assembling back wall.

#### **Deck**

is built in the conventional way. The deck beams are bolted to the hull and a piece of 8 mm thick glued plywood. On top of this holohedral the 15 mm thick teak-stab deck is glued. Only by doing so we can make a teak deck without a stopper, jointing is poured with Sika 290 DC, teak-foot-rail.

#### **Cockpit**

is self-bailing with 2 drains 1/2". The Cockpit floor is easy to open, so as to reach the motor and the storage space easily. Seating und floor 8 mm Plywood with 15 mm Teak-Wooden floor. The cockpit coaming is mahogany glue-shape and has 4 Caissons. The storage space is divided and fitted with brims. Main-bulkhead-lining with traveler, hand bail pumps.

#### **Cabin assembling**

Side walls in 24 mm mahogany- blue-shape gilled deck beams, one layer of 8 mm thick plywood, 15 mm teak-wooden floor holohedraly glued, Moon-light-windows can partially be opened, aluminium-fronthatch with Plexiglas panes, teak-hand rail, niethegang with teak bulkheads and sliding hatch. The mahogany build and the cockpit are stained and varnished inside and out.

#### **Furnishing**

is Khaya-mahogany and varnished in a silky-matt finish. Niethegang made of teak, floor varnished and fitted with a carpeted floor.

## HENNINGSEN & STECKMEST: SPECIFICATIONS

### Pantry Sclar 36/36 DS und 34

3-flame gas cooker with oven, Niro-Double sink with a panning tap, Insulated cooling box, Storage space, bin-box, china glasses for 6 people fixed seaworthy. The wok surfaces are coated with formica.

### Pantry Sclar 31

The same type of build, but with a 2-flame cooking/washing-up-table section, owner version with oven.

### Gas-construction

From DVGW-6o8 with inspection document, two 5-kg-bottles with a Niro-controller in a separate case with drain, copper gas line to the user with a regulating tap.

### WC-washroom

Formica coated walls and Cupboard fronts, varnished mahogany-Frame, Pump WC RM deluxe, steel covered water provision, Top cupboards with doors, Towel hooks, mirror, water provision for wash room and pantry through powerful pressure pump with 8 ltr compensation canister with foot pump = Sclar 31. Dejection tank with display und Decks disposal.

### Bow

2 bunks in V-shape with insertion triangle, Top cupboards with sliding doors, under the bunks there is a great amount of storage space and GfK-water tank, Sclar 34 GfK-water tank (200 ltr) in the Keel, hull sides dressed with wooden ceiling. All padding in 10 cm foam, the cover material can be chosen (price generally around 60,00 Euro/sqm), carpeted floor 20,00 Euro/sqm, Curtains 15,00 Euro/m).

### E-construction

Batteries-Nautical Gel: Start 67 AH, User 130 AH, separate electrical circuit, Automatic charging through Rotary current-light machine, Battery-main cutout, machine cutout for the separate user, Switchboard with main switch, Volt- and Ammeter, Plug, approved Position lamps, deck lights, Compass lighting. All rooms are fitted with adequate work and reading lamps.

### Deck equipment

Sea rails made of Niro, pulpit with passage a. footboard, pushpit with passage and bathing ladder, Niro-railing shoring with 2 drafts, 1 rescue collar am pushpit, Steven fitting with anchor roll and fairlead, 4 belaying cleats, 2 Spring clamps, 4 moorage lines a 10 m, 4 Fenthe, anchor boxes on the foredeck, CQR plow barrier with 40 m lines and chain feed, 2 geuoa rails with Vibrating grinder, filler for Thesel and Water, boat hooks, flagstaff, 2 two-gear-sheet-winding Niro, (4oer=Sclar 31, 46er=Sclar 34 and 36/36DS), spray hood with hard front pane auf GfK-console, on the Sclar 36 and 34 with instrumental space.

## HENNINGSSEN & STECKMEST: SPECIFICATIONS

### Rig

Mast a. boom Selden: Aluminium-silver anodized, Windex, Mast with empty cable pipe, Standing gear made of Niro 7 u. 8 mm, Current gear made of pre-stretched cordage: 1 main stay, 1 jib stay, 1 topping lift, 1 Dirk, 1 boom niethe fetcher, 2 fall winds, Selden-mooring-reef system, reef winds an back boarder Mast, Spinnaker rail with vibrating grinder, 1 main sail with 2 reef lines, Sail sign u. Number, 1 genoa I, fore sheet.

### Motor Scalar 36/ 36 DS

Yanmar 4 Zylithe 4 JH 4 E, 36,7 kw/54 PS two-circuit-cooling

### Motor Scalar 34

Yanmar 3YM30G, 3 Zylithe, 21 kw/29 PS, two-circuit-cooling

### Motor Scalar 31

Yanmar 3 Zylithe 3 YM30G, 3 Zylithe, 21 kw/29 PS, two-circuit-cooling

### Furthermore

Rotary current -Light machine, Swinging metal storage, GfK-motor fundament with oil basin, single-arm-control, Instrumental board with display for: Temperature, oil pressure, rotary speed, and Tank content. Hard shafting with 25 mm Niro-arbor = Scalar 31 and 34, 30 mm Niro-arbor = Scalar 36 u. 36 DS and Volvo-swing fixed propeller, GfK-Theseel tank in the Keel: 100 ltr = Scalar 31, 110 ltr = Scalar 34, 180 ltr = Scalar 36 u. 36 DS. All Out-board-executions under water can be done through ball valves. We only use hose clamps that don't rust. The under-water-ship is painted twice with tar oxidant and two anti-fouling substances.

The ship is transferred to you in a state in which it is ready to be sailed right away.

No guarantee for prices or possible mistakes.

Yacht- und Dockyard  
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