

## Hakvoort Shipyard Spada



Elegant and Luxurious

Model: Hakvoort Shipyard Spada  
Builder: Hakvoort Shipyard  
Designer: Ken Freivokh

Price: POA  
POA

Contact: Hakvoort Shipyards B.V.  
Custom ID: 0

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LOA: 111 ft 2 in  
Draft: 8 ft 6 in  
Beam: 26 ft 1 in

Guest Berth(s) Min Max: 8

Crew Berth(s) Min Max: 3

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Engine: 2 x 485 hp Caterpillar  
Engine Model: 3406E  
Top Speed Kts: 12  
Cruise Speed Kts: 2

Fuel: Diesel  
Hull Material: Aluminium

Displacement In Tons: 260

## Equipment

### Navigation

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Compass  
Log  
Echo Sounder  
Wind Direction Finder  
Anemometer  
Autopilot  
GPS  
Plotter  
VHF-Radio  
Radar  
Self Steering Gear  
Fishfinder  
GMDSS

### Inboard

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Heating  
Air Conditioning  
Radio  
TV  
CD-player  
Toilet  
Bathroom  
Holding  
Fresh Water  
Hot Water

### Accessories

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Anchor  
Liferaft  
Dinghy  
Fenders  
Life Ring  
Winter Rest  
Winter Tarpaulin  
Trailer

### Toys

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Tender  
RIB

### Galley

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Cooker  
Oven  
Refrigerator  
Dishwasher  
Washer-Dryer  
Freezer  
Ice Maker  
Cooling Box

### Power

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Generators  
Solar Panel  
125V/220V Shore-Power  
Batteries

### Miscellaneous

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Anchor Winch  
Guardrail  
Bathing Ladder  
Swim Platform  
Anchor Winch Electric  
Bow Propulsion  
Flaps  
Stabilizers

### Other Equipment Navigation

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<P align="justify">The following equipment is installed:

Immersat B satellite comm. system, Immersat C satellite comm. system, Furuno SSB radio telephone HF transmitter, VHF S.P. radio, MF-LWO, handheld VHF, Two Furuno radars, Raytheon GPS receiver, Raytheon Video plotter, Jupiter magnetic compass, Tokimec gyrocompass, 5 Gyro repeaters at each wing position and FB station, Furuno weatherfax, Raytheon colour echosounder, Raytheon speed / log / depth / wind-system / logging, barometer, inclinometer, 3x binocular holder, computers to manage ship systems. All equipment is installed according to GMDSS regulations.  
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### Other Equipment Deck

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<P align="justify">All of the exterior decks are teak

planked with first quality burmese teak. On the foredeck two Ascon windlasses are installed in a stainless steel base / drip tray. Chain size 24 mm, 350 M of chain length on each side. The fully hydraulic operated Ascon boarding ladder is installed in the maindeck bulwark on starboard side. Aft on the portside is the main E.R. entrance. On the boatdeck are two hydraulic operated Ascon cranes with a lifting capacity of 1200 Kg each. The four wing controls are placed fore and aft of the boatdeck, with a fifth station on the flybridge.</P>



## Hakvoort Shipyards B.V.

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### Construction

Fully welded Lloyds/MCA approved seawater resistant Steel hull and aluminium superstructure with round bilged, level keel, five watertight bulkheads, flared bow and round stern, tanks in double bottom.

**Design and Classification**The complete yacht and all of its systems are build according to Lloyd s Register of shipping, certified with +100A1 SSC Yacht Mono G6 +LMC, and also complies with the M.C.A. regulations for charter yachts under British flag. Navel architecture by Willem de Vries Lentsch, de Ruyterkade 143, 1011 AC Amsterdam, Netherlands. Interior design and shopdrawings by Ken Freivokh Design, Ash Studio, Crocker Hill, Fareham, Hampshire PO 17 5DP, United Kingdom.

**Hull Construction and Outfit**Hull material is Lloyds certified mild steel grade A. The superstructure is made of seawater resistant AL MG 4,5 MN. All tanks are double bottom tanks and have longittudinal bulkheads. Anchor arrangement is made of welded stainless steel contruction with stainless steel chafing plates and ditto half round bars on deck with a stainless steel recess in the hull for the anchor head. The chainlockers is located in the forepeak.

**Main Engines**The main propulsion are two (2) diesel engines Caterpillar 3406E Turbocharged and Aftercooled, Rating 356 kw (485 bhp) at 2100 rpm. with Reintjes WAF 242 gear boxes, reduction ratio  $\pm 3,5 : 1$ .

**Generators**Electrical power by means of two Northern Lights 80 KW and one 50 KW diesel generator at 1500 rpm, three phase, 4 wire, 50 cycles, 220/380. The generators are both installed on flexible mountings and in a soundproof box. All three exhausts of the generators are fitted with STARS catalytic converters.



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### Stabilisers

A pair of hydraulically operated non-retractable fin stabilizers are installed, make Vosper Thornycroft 175 series, Fins approx 2M<sup>2</sup>. The stabilisers are controlled from the wheelhouse. The stabilizer are designed to have a 90% damp efficiency at 10 knots.

**Watermakers** Two Sea Recovery watermakers with capacity of 5600liters a day are installed with all the necessary pumps and piping.

**Bow / Sternthruster** 60 KW Vosper Thornycroft electric bow and stern thrusters are installed in watertight compartments fore and aft. Both bow and stern thruster can be operated from all 6 steering positions.

**Propellers / Shaft System** 2x five-bladed custom designed Lips propellers are connected to the Rubber Design oil lubricated shaftlines with aquamet shafts and thrust bearings installed.

**Fire Systems** A CO<sup>2</sup> fire extinguishing system is installed in the E.R. Smoke detectors are located in all of the accomodation spaces, each of the cabins have two fire extinguishers. Five salt water fire connections are located on the aft deck, boat deck, flying bridge and in the engine room. An Ultra Fog mist system has been installed in all accomodation spaces.

**Fuel System** The main double bottom tanks feed to a central tank that is located between the main engines through an Alfa Laval fuel separator. The central tank has a capacity of approx. 2650 litres. All consumers take their fuel directly from the central tank through dual Racor filters. All tanks are provided with level alarms.

### Bilge System

Each watertight compartment has it s separate bilge suction leading to a central bilge manifold in the engine room. From the manifold it leads to het bilge separator, make Nelson to the dirty oil tank. The system is backed up by a dedicated diesel driven bilge pump.

**Sewage System** All drains of sinks, showers, baths discharge to the two 2400 litre capacity grey watertanks. The tank can be emptied overboard or through a deck connection. All heads discharge to the Microphor sewage treatment plant.

**Electrical System** The primary installation is a 3 phase, four wire system, 220/380V 50Hz, Neutral earthed to the hull. For harbour use a 40 KVA Atlas frequency/voltage coverter is installed.

The following electrical systems are installed:

Alarm system engine room equipment

Fire alarm system

Mist system

Telephone system

Steward call system

Buzzer system

Computer network

Emergency system

Camera/security system

**Air Conditioning and Heating system** The central AC compressor plant is installed in the E.R. supplying cold water to the fancoil units located in each cabin. Fresh air is pre cooled and dehumidified in the central fresh air unit after which the air is transported to every fancoil unit where it is mixed with the air in the cabins. Heating can either be done through the reverse cycle of the fancoil units or through a seperate electrical heater. (for winter conditions) All cabins have independant temperature controls.



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### Accommodation

The interior is made of solid Teak wood and teak wood veneer. Although the VIP cabin is located just in front of the engine room, the cabin is extremely quiet with a maximum noise level at 58 db with the engines running at full r.p.m. The VIP cabin has a generously sized bathroom with a jacuzzie, separate shower, wasbasin with lockers under, toilet and heated floors.

Forward of the vip-cabin there are two guest cabins all with a dedicated bathroom fitted out with electrically heated floors, shower, toilet and wasbasin with lockers under. The spacious guest cabins both have two single beds with drawers under, night stands, book shelves and a cabinet with built-in TV and music centre. Located in the foreship are the three crew cabins, crew mess, laundry, storage and walk-in freezer/fridge.

On the main deck is a large salon with bar, writing desk, electrically operated curtains, build-in T.V. and lockers on both sides. Through the electrically operated curved glass panelled sliding doors is the hallway giving access to the owners quarters and the galley.. The galley is equipped with: stainless steel counter tops, stainless steel sinks, and two well sized refridgerators/freezers.

Forward through the hallway you enter the owners office. The office gives acces to the owners quarters. In the owners cabin there is a kingsize bed with drawers under, built-in T.V. and hanging lockers. Going up the stairs in the central hallway you enter the lounge/dining area. Forward of the lounge a spacious wheelhouse with central console, chart tables and three helmsman seats.

## Photo Gallery

