

## SW78#04 Ocean Horse



<b>LENGTH OVERALL</b>	Meters	23.99	Feet	78.70
<b>LENGTH OF WATERLINE</b>	M	20.50	Ft	67.25
<b>BEAM</b>	M	5.91	Ft	19.38
<b>DRAFT</b>	M	3.80	Ft	12.46
<b>DISPLACEMENT [LIGHT]</b>	Kg	35,526	Lbs	78,321
<b>BALLAST</b>	Kg	12,800	Lbs	28,219
<b>NAVAL ARCHITECT</b>	Reichel Pugh			
<b>INTERIOR DESIGNER</b>	Nauta Yacht Design			
<b>HULL COLOUR</b>	Metallic Silver			
<b>CLASSIFICATION</b>	CE Category A Ocean			
<b>CONSTRUCTION MATERIAL</b>	Advanced Composite Sandwich			
<b>ENGINE</b>	Yanmar 4LH-STE 230Hp @ 3,300 RPM			
<b>TANKS</b>	FUEL 2,000L (528USG) WATER 1,000 (264USG)			
<b>ELECTRICAL SYSTEM</b>	DC 24V : AC 220V			
<b>MAST &amp; BOOM</b>	Southern Spars Carbon mast with furling boom plus racing boom			
<b>DELIVERED</b>	2004			
<b>FLAG – PORT OF REGISTRY</b>	Malta - Valletta			
<b>LYING IN</b>	Genoa, Italy			
<b>ASKING PRICE</b>	EUR 1,800,000 VAT Paid			

## COMMENTS

Built in 2004, Ocean Horse (Ex Allsmoke) is the fourth hull of the 78' miniseries, one of the most successful Southern Wind projects and featuring the design partnership of Reichel Pugh Design and Nauta Design.

The general concept, the interior layout and the exterior styling are drawn by the Italian designers Nauta Design. While the UK based SP Technologies are responsible for the composite structural engineering of the hull, decks and structures, which are made in sandwich (Carbon fibres and Kevlar) with epoxy resin.

The result is an exceedingly well-rounded yacht of excellent performance, whose building philosophy calls for straightforward, simple sailing systems, free from unnecessary complication. Ocean Horse is a real cruiser/racer, ideal both for bluewater cruising and competitive racing. She enjoys an excellent reputation on the regatta circuit and has earned her owner a nice collection of Rolex watches, most notably:

- Maxi Yacht Rolex Cup – winner 2004
- Palma Superyacht Cup - winner 2005
- Maxi Yacht Rolex Cup Rolex – winner Mini-Maxi division 2007
- Maxi Yacht Rolex Cup – Winner Mini-Maxi World Championship 2011

The versatile deck plan incorporates a center guest cockpit protected by a recessed dodger, a generous sunbed area and an aft sailing cockpit with dual steering positions. In 2015, the teak deck was replaced, and the entire yacht was repainted.

Ocean Horse's interior configuration is ideal for cruising and the guest area contains a full-beam saloon plus three cabins. The aft section of the interior is dedicated to the crew and contains two cabins, the nav station and galley.

Currently based in Sardinia, Ocean Horse is available for visit by appointment

## HULL & APPENDAGES

### Construction

The hull is built on a female mould, using infusion technology, with SP SYSTEM epoxy resin.

External skin: outer skin Kevlar and E-Glass

Core: PVC foam

Inner skin: Carbon fibre

### Hull Finish

Topsides painted in PPG metallic silver base coat with Awlgrip clear as top coat.

Fully repainted in 2015

Hull stripes in white Awlgrip

Black antifouling

### Keel

The fixed T-bulb keel is composed of an upper steel fin section and lower bulb section

Total weight 10,800Kg

### Rudder

The single elliptical spade rudder is produced by SWS and composed of carbon fibre pre-preg skins on a closed cell polyurethane foam core. Carbon fibre rudder shaft is supported by two self-aligning bearings.

**Steering Systems**

Twin composite steering pedestals fitted in cockpit with roller bearings and flush mounted consoles, accommodating steering compasses and other instruments

Two 1200mm diameter wheels in carbon fibre.

Steering cables run over sheaves with high load bearings fixed on aluminum brackets.

Steering cable ends linked to a stainless-steel chain and a light alloy steering quadrant.

Emergency steering tiller, mounted in forepeak

**Transom**

Hydraulic folding swim platform, 2x pistons

Hot/cold shower and storage lockers

**DECK****Deck Construction**

The hull is built on a female mould, using infusion technology, with SP SYSTEM epoxy resin

Inner and outer skin are carbon fibre and the core is PVC foam

**Deck Finish**

Superstructure and bright work repainted in 2015

New teak laid 2015

New Perspex in deck hatches in 2015

**Deck Lockers**

Anchor locker with access to chain storage

Forepeak locker with storage for sails, rigging and equipment

Lazarette locker aft with access to transom door and storage for spare tender

Life raft lockers on either side of cockpit

A gas locker for gas bottles with ventilation is fitted in the lazarette.

**Deck Equipment**

Folding stainless steel and teak seats on either side of pushpit

Stainless steel pushpit, pulpit and stanchions with double wire lifelines and gates on either side amidship

**Winches** by Lewmar, grey anodized alloy, all self-tailing

Quantity	Function	Model	Description
2	Primary	111	3-speed, hydraulic
1	Main sail sheet	88	3-speed, hydraulic
2	Secondary	77	3-speed, manual
1	Traveller	40	2-speed, manual
2	Halyard/Pit	66	3-speed, hydraulic
2	Halyard/Pit	58	3- speed, manual

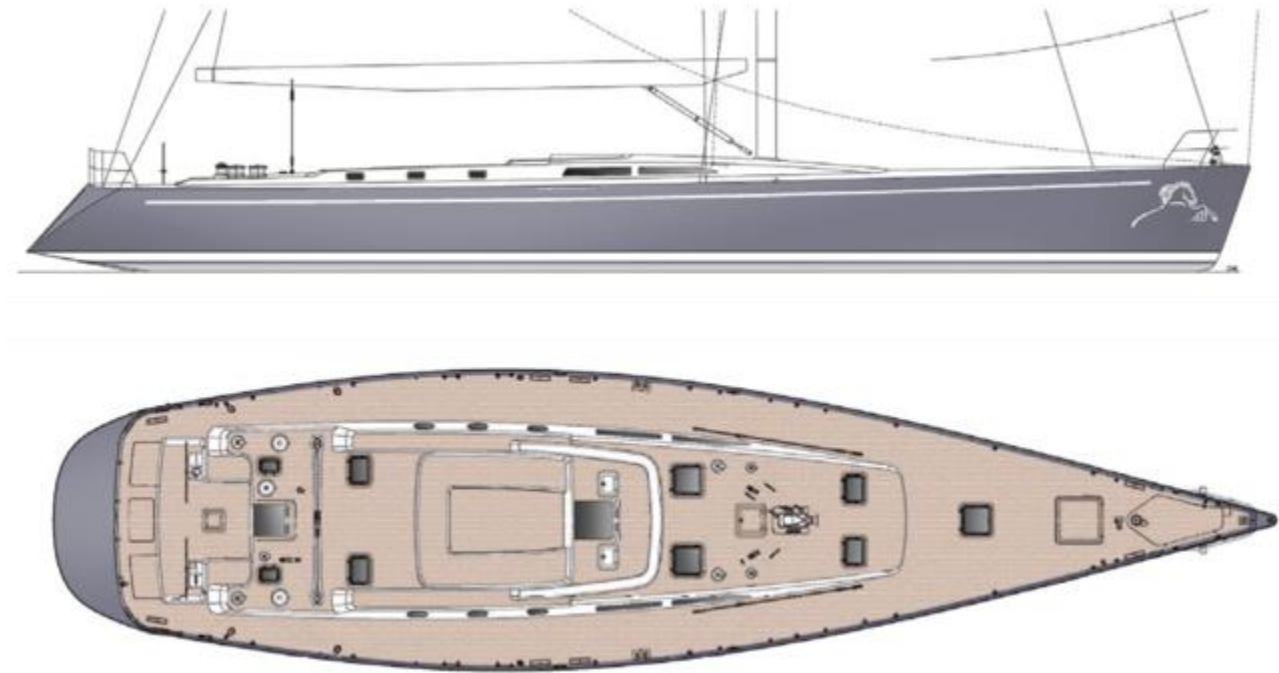
**Sailing Hardware**

All blocks, tracks and travelers by Lewmar

New mainsheet traveler track in 2013

Jammers and clutches by Spinlock

## Deck Arrangement



### Anchoring & Mooring

- Main anchor CQR 105lb with 100m of 12mm chain (new chain 2014)
- Spare anchor Fortress with chain and rode, mounted in forepeak
- Manual retractable anchor arm folds away flush inside the anchor locker
- Maxwell hydraulic anchor windlass with capstan on top (new 2014)
- Eight (8) Versari Delmonte retractable alloy cleats (2x bow, 2x stern 4x midships)
- Six (6) Versari Delmonte retractable alloy fairleads (2x bow, 4x stern)
- Custom stainless-steel fairleads on either side amidship
- Fenders and mooring lines

### Deck Canvas

- Cushions and back rests for center cockpit
- Cockpit table cover
- Sprayhood
- Winch covers
- Pedestal and wheel covers

## INTERIOR



### General

Master cabin and guest accommodation located forward with crew area aft  
Three guest cabins accommodating up to six guests  
Crew area with two cabins accommodating up to four crew  
Interior furniture is made to the highest marine standards, using teak and, where possible, sandwich construction with closed-cell PVC or resin-sealed paper honeycomb core, to reduce the weight.  
Removable sandwich construction floorboards are finished in satin varnished teak and supported by aluminum bearers  
Overhead hatches in guest areas with Oceanair blinds and mosquito screens  
Removable overhead panels are covered in Ledertex Nerini material.  
Additional side paneling in white upholstery  
Flush mounted overhead LED lighting throughout  
Reading lights at the head of each berth  
Saloon upholstery- white cotton  
Carbon fibre countertops in guest heads, Corian countertops in crew heads & galley  
Honeycomb floorboards with teak veneer

### Forward Cabin

Double berth located outboard to port with bookshelves above and storage drawers beneath  
Single berth located the starboard, also converts to sofa.  
Storage drawers beneath berth and lockers/shelves above.  
Hanging lockers, drawers and shelves located forward on either side  
En suite head located forward with double access doors. Tecma WC, double wash basins, mirrors and storage lockers and separate shower compartment

### Saloon

L-shaped settee to port with storage lockers and drawers located outboard  
Multi-function table adjacent to settee that raises, lowers and extends. Seating for eight persons

L-shaped settee to port with seating for up to four persons  
Storage lockers, bookshelves and TV located outboard on starboard  
Drinks refrigerator located aft of settee

### Aft Cabin (Port)

Single berth located on either side of cabin with storage lockers beneath and hanging locker located forward on the outboard side. Bookshelves on aft bulkhead above each berth  
En suite head with Tecma WC, wash basin, mirrors, storage lockers and separate shower compartment

**Aft Cabin (Starboard)**

Fixed lower single berth with folding pullman berth above  
Storage and hanging lockers located forward  
En suite head with Tecma WC, wash basin, mirrors, storage lockers and shower

**Crew Head**

Located aft of the starboard guest cabin head and behind the crew cabin door  
Features a Tecma WC, wash basin, mirrors, storage lockers and shower

**Nav Station**

Located on starboard side of crew area  
Forward facing navigator's desk with opening top chart table  
Instruments and screens are flush mounted on teak finished panels

**Galley**

Located on the port side of the crew area with drawers and storage cabinets  
Corian finished work surfaces inboard and outboard  
Double stainless-steel sinks

**Galley Equipment**

Alpes Inox gimbaled gas cooker with 4x gas burners  
Miele electric 2-burner hob  
Alpes Inox extraction hood over cooker  
Miele microwave  
Miele washer and dryer  
Miele dishwasher

**ENGINE & SYSTEMS**

Yanmar 4LH-STE 230 hp @ 3.300 rpm (6.134 hrs |September 2019)  
Brunton Varifold 4-blade propeller (new 2013)  
Gori 3-blade folding propeller for racing  
Max Power Retract R 300/15 bow thruster, hydraulic operated via PTO on genset

**Fuel System**

Total capacity 2,000 litres in seven storage tanks plus on day tank  
San Giorgio Sein monitoring system with display at electrical panel

**Plumbing Systems**

Total capacity 1,000 litres in three tanks  
HEM 20/1200 water maker 220V, producing 187 litres per hour  
2x G&R Ecoject water pumps, one for freshwater, one for sea water  
220v hot water boiler, also heated by main engine calorifier

**Ventilation System**

Marine Air centralized air conditioning system with reverse-cycle heating  
Fan coils in each cabin  
Hella 24v fans

**Refrigeration Systems**

4x 220 V compressors, can also be operated via inverter (New 2015)  
2x Outboard condensers

2x custom front-loading refrigerator boxes in galley (one is a freezer)  
1x freezer box below cooker in bilge  
Sainless steel custom drink refrigerators in saloon

#### **Drainage System**

24v automatic bilge pumps in saloon, engine room and both sides of lazarette  
Bilge manifold with manual selection of bilge area to drain. Operated by 1x manual and 1x 24v electric pump  
Shower sumps and washbasins drain to sanisplit transfer pumps then overboard

#### **Hydraulic Systems**

Lewmar Commander system for supply to hydraulic winches and genoa furler

## ELECTRICAL SYSTEM

#### **DC System**

Service Batteries: two (2) battery banks with total capacity 800Ah  
Navigation Batteries: One (1) battery bank with 2x 110Ah, 12v cells connected in series  
Engine & Genset start: One (1) battery pack, with 2x 140Ah, 12v cells connected in series.

#### **AC System**

220V / 50Hz AC system supplied by shore power and/or  
Onan 17.5Kw diesel generator (new 2015)

#### **Chargers/Inverters**

Mastervolt 24v 2500watt inverter  
2x Mastervolt 24v 100 amp battery chargers  
Mastervolt 12v 60 amp battery charger  
24v service alternator on main engine

## ELECTRONIC SYSTEMS

#### **Sailing Instruments**

Brooks and Gatehouse H3000 System including processor, mast head unit (wind speed/direction) echo sounder, and speed log sensor  
2x Graphic Functional Display (GFD) on steering pedestals  
2x 20/20 displays in aft cockpit  
2x analogue wind displays in aft cockpit  
2x 20/20 displays in center cockpit

#### **Navigation Instruments**

Suunto steering compasses on each pedestal  
GPS Leica MX412 (New 2012)  
B&G Zeus charterplotter/radar on starboard steering pedestal  
B&G Zeus charterplotter/radar in nav station  
Simrad broadband 4G radar

#### **Autopilot System**

Simrad AP20 with twin hydraulic cylinders connected to rudder stock mounted tiller arm

### Computer Systems

Computer monitor at nav station  
Printer

### Communications Systems

Icom VHF IC-M505 DSC radio distress function (New 2012) with handsets at nav station and aft cockpit  
Satellite telephone - Thrane & Thrane FBB250 Sailor (New 2008)  
EPIRB: Navtec Global 3  
SART: Pathfinder3  
AIS: Navico NAIS 400 (Class B)

### Entertainment Systems

Bose system from 2012, Samsung TV 38-inch, Sony play-station

## MAST & RIGGING

Southern Spars 3-spreader standard modulus carbon fibre mast  
Furling boom from Southern Spars  
Racing boom: Hall Spars box section  
Standing rigging – RDS solid carbon fibre from Future Fibres (2009)  
Vertical side rigging is continuous, diagonal side rigging is discontinuous

Carbon spi pole, stored in Palma de Mallorca  
Carbon racing boom, stored in Palma de Mallorca

### Rig Dimensions

I 30,29 m  
P 30,52 m  
J 8,71 m  
E 10,64 m  
Total Sail Area: 348 sqm

### Rig hydraulics

5 x Functions Navtec hydraulic panel with manual regulation for backstay, vang, outhaul, inner forestay and genoa halyard tensioner.

## EQUIPMENT

### General Equipment

3.2m Inflatable Zodiac tender with 9.9hp Yamaha outboard  
Besenzoni additional swim ladder;  
3 metres carbon fibre foldable passerelle, provision to fit passerelle on the bow  
2 x 5kg propane gas bottles

### Safety Equipment

2x Jon Buoy, on either side of pushpit  
Liferaft  
Fire extinguishers



## SAILS

Sail	Year	Sailmaker	Material/Notes
<b>MAINSAILS</b>			
Cruising main	2013	Doyle	Carbon/taffeta, onboard
Old cruising main		North Sails	3DL, in Portugal
Regatta main	2010	North Sails	3DL
Regatta main	2011	North Sails	Carbon
Trysail	2010	North Sails	
<b>UPWIND</b>			
Cruising Jib #2	2010	North Sails	3DL, onboard
Cruising Jib #1	2003	North Sails	Spectra, onboard
Regatta Heavy jib	2010	North Sails	In Portugal
Regatta Jib #3	2010	North Sails	In Portugal
Regatta Jib #1	2010	North Sails	In Portugal
Regatta Jib	2013	Doyle	In Portugal
Cruising Code 0	2013	Doyle	In Portugal
Regatta Code 0	2013	North	3DL, in Portugal
Storm jib	2008		
Staysail	2012	Doyle	In Portugal
<b>DOWNWIND</b>			
A1	2007	North Sails	Yellow
A2	2010	North Sails	White
A3	2007	North Sails	White
A4	2010	North Sails	Yellow
Spi Staysail	2010	North Sails	

**Price may be changed without notice**  
**Boat is offered subject to still being available**  
**The particulars are believed to be correct but not guaranteed**

