

HORNBLOWER

Swan 45-011



Asking Price: 380 000 EUR Tax paid

Delivery date	October 2002	LOA	13.83 m
Designer	German Frers	LWL	12.07 m
Lying	South of France	Beam	3.92 m
Flag		Draft	2.80 m
Displacement	8850 Kg	Engine	Volvo Penta D2-55 /40.5KW – 55HP
Ballast	4 124 Kg	Water	350 ltr
		Fuel	150 ltr

Hornblower is an excellent example of this hugely successful one design fleet. Since her delivery she has mainly been used for class racing.

HULL Construction

Glass / vinylester laminate with carbon reinforcements in selected areas.
Sandwich topsides and single skin bottom
Fibre reinforcements are multiaxial or unidirectional
Bottom stiffeners reinforced with unidirectional carbon and multiaxial glassfibre in selected areas.
GRP engine beds.
NGA-type gelcoat. - White hull.
Epoxy primer and prior to durapox racing finish achieved by Camper and Nicholson's using keel templates laser rudder and keel alignment etc. (no antifouling) on bottom.
Composite mast step with movable shoe.

Keel

Antimony alloyed lead bulb and fin with upper flange recessed into hull. Fin bolted to hull with high tensile steel bolts. Race fared.
Keel is at maximum weight and depth.

Rudder

Foam filled rudder with carbon/epoxy stock. Raced fared and templated.

Steering

Aluminium quadrant. Cable steering with roller bearing sheaves.
New steering cables July 2007.
1.87 m Aluminium recessed steering wheel with racing binnacle.
0.8 turns H.O. to H.O.
Aluminium emergency tiller.

DECK

Advanced laminate sandwich deck with unidirectional skins and low density closed cell foam core.
Stowage for liferaft and gas bottles below cockpit sole. Stowage locker in SB seat.
- Teak deck in cockpit and on side decks, glued and vacuum bagged.
- Main companionway sliding hatch garage flush with coachroof.

Deck hardware

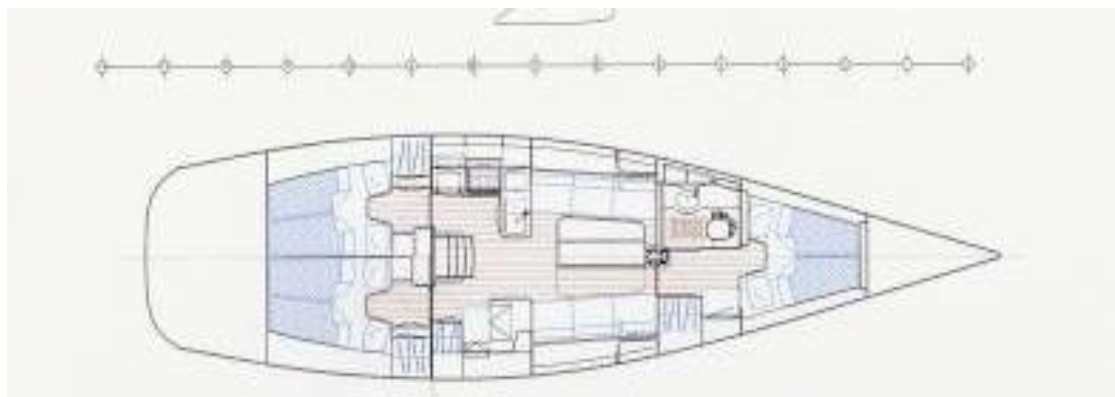
Grand prix winches in lieu of standard
Primary sheet winches Lewmar 55/3
Mainsheet winches Lewmar 50 Stor-SNR
Halyard winches Lewmar 48 Stor -SR
Harken aluminium jib sheet tracks
Harken aluminium main sheet track.
Harken halyard lead blocks.
Spinlock clutches.
Stainless steel pushpit, pulpit and stanchions with gate in port and stb side
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30 mm high teak toe rails forward of mast.
Boarding ladder aft.
Composite mast collar..
Removable stainless anchor roller
Mooring eye on fore deck
Folding eyes for harness attachment in cockpit.
Custom sliding seats in aft cockpit
Windlass – Lewmar V2/3 electric windlass for 12-16mm chain with two piece chain locker fitted in bow with deck cover plate when required.

Hatches and windows

Anchor stowage hatch
Cockpit hatch for steering system access.
1 foredeck hatch Lewmar size 60
1 saloon overhead hatch Lewmar size 60
1 ventilation hatch in fwd head Lewmar size 03
4 fixed coaming windows
4 openable coaming portlights - in both aft cabins, galley and navigation area
1 portlight from both aft cabins to cockpit
Tinted acrylic main companionway sliding hatch with Swan custom dropboard.

INTERIOR



A large portion of the visible interior is varnished teak with hand rubbed satin finish.
Teak bulkheads and topside slats in fore and aft cabin.
Floorboards of sandwich lightweight construction, covered with teak and holly veneer.
Lightweight overhead liner.
Foam mattresses over Scandi-Flex battens.
Curtains for side windows
Canvas leecloths for saloon and aft cabin berths
Set of green canvas anti chafe on all exposed timber work including saloon table, nav area and galley.

Fore cabin



Double berth with stowage under
Hanging locker and seat
Mattress covers Colico no 35

Heads



White GRP interior module to half height
Corian Cameo White wash basin. Fresh water tap, shower, mirror and waste container.

Main cabin



Folding leaf table. Lockers outboard
Settee backrests fold up and convert into Pullman berths.
Tanks below settees.
Saloon seating Calico no 30 with cream water proof racing covers.

Galley



Gimballed two burner stove with oven, protected by stainless steel guard
Stainless steel double sinks with fresh water tap
Corian Cameo White counter tops and sink cover
Drawer and lockers
Front loading refrigerator 80 ltr, top loading ice box 60 ltr. Ice box convertible to freezer.
Garbage bin

Navigation area



Forward facing chart table with seat.
Chart stowage under table top. - Electronics recessed in panel above
Chest of drawers - Oilskin locker

Aft cabin Port and Starboard side

Double berth. - Stowage under berth.
Hanging locker
No second head

Engine space

Removable front part of engine box.
Service hatch.
12V starting battery
Engine control panel in cockpit (replaced june 2007)

ENGINE

Volvo Penta D2-55 marine diesel 40.5 kW 55 HP @3000 RPM with saildrive unit and 2-blade folding propeller.
150 ltr fuel in one tank of aluminium

PLUMBING AND VENTILATION

Composite sea cocks for all through hull fittings below waterline.
Sea water for toilet flushing.
Fresh water 320 ltr in polyethylene tank consisting of three interconnected compartments.
Pressurized hot and cold water with back-up foot pumps in galley and head.
Oras single lever mixing faucets.
Polyethylene holding tank 60 ltr with level indication for forward toilet..
Manual toilet discharging to holding tank. Tank emptied by hand pump or deck suction.
Two manual and one electric bilge pumps
Tank level indication for fuel and water.
Battery driven refrigeration unit
Exhaust blowers in galley and head.
Engine space air inlet from deck, outlet with blower to transom
Remote control fire extinguisher in engine space

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ELECTRICAL

12 V DC insulated return system for lighting and general service
Service battery of gel cell type 12V 290 Ah (20h) GRP box under saloon table.
Starting battery 12 V 46 AH in same box.
Bottom of mast, shrouds and stays grounded to keel.
12 V outlet at chart table and in cockpit
One reading light above each berth.
Recessed halogen dome lights overhead.
Flexible chart light and red night light at navigation station.
Separate entrance light.
Navigation lights:
Red and green side lights on pulpit. (new LED lights either side as per modification)
White stern light on pushpit.
White bow light on forward side of mast.
Main switchboard 12 V DC outboard of chart table
130 A alternator with three step regulator for service and 60 A alternator for starting.
230v Shorepower
Mass 12/80 battery charger

INSTRUMENTATION

One SUUNTO magnetic compass, mounted on steering pedestal
Autopilot – B&G Hydra with hydraulic Ram
B and G 2000 system including sonic speed, paddle wheel, 4 x 20/20 at mast, 1 x FFD on pedestal(removed for racing), 1 x FFD at nav station and 4 x FFD on coachroof and 2 analogue - wind and magnified wind with updated software
Deckman race computer with screen at chart table and live charts.(new july 2007).
Stereo radio CD with speakers in saloon and deck. (New deck speakers)
ICOM VHF radio with DSC
Leica GPS interfaced to B and G and race computer

RIG

White painted carbon fibre double spreader 15/16 fractional rig swept 20 degrees.
Carbon Fibre spreaders.
Windex/VHF Ariel with light
Tall wand for B and G instruments
Harken Unit 2.5 furler.
Tuff luff racing headstay
Carbon fibre main boom.
Single line reefing arrangements for two reefs
Main sheet continuous.
2 Spinnaker halyards.
Navtec rod rigging with discontinuous shrouds, Series 800 deck turnbuckles.
Combined mainsail Luff groove and Antal track system
Mechanical vang, hydraulic backstay adjustment and main outhaul with control panels each side in cockpit.
Removable hydraulic mast jack.

1 x tack line for asymmetric
Instrument bracket – Carbon for 4 x 20/20's
Carbon fibre spinnaker pole track & tackle
Racing Hydraulics including backstay Outhaul.
12:1 Inhaul & 12:1 racing Harken genoa car system

Sails

UK Main sail – 2006 (used only one week)
North 3DL
Mainsail – 2002,2004,2007
#1 2002 , 2004,2006
#2 2002 , 2004.2006,2007
#3 2002 , 2004(has been recut to make a 3+ 2007),2007.
#3+ see above
#4 2002
Cruising sails in soft Norlam
Mainsail with reefs
Furling Genoa
Both sails have very light use and mostly required for deliveries
Spinnakers
North asymmetric code 1 (light) 2002 and 2005,2007
UK S-1 2006
North S 1-5 2007
North asymmetric code 5 (heavy)
UK sails symmetric 0.9
UK sails symmetric 1.5
North symmetric code 2 July 2010
UK Runner



MISCELLANEOUS

Owner's Manual

16 kg DELTA anchor and 7.5 kg bruce with 10m chain

50 m 14mm anchor line spliced to 10m 8mm

Grade 40 chain

Six mooring lines

Six airfenders

One boathook

Anchor light with cable

5 x double grip and 3 x single grip winch handles

2 x spring lines for Med mooring

2 x spectra jack lines

1 x 10 foot weed stick

six winch handle holders

Bosun's chair

Flag pole

Safety belts for navigator and cook

Engine spare parts

Engine tool kit

Export cradle

Tarpaulin

Sprayhood over entrance dark green.

Green canvas deck covers covering 90% teak

Wheel cover

2 x halyard bags

2 x cotpit bags

2 x nav bags aft

Carbon bow deck plate

2 x carbon helmsman foot chocks

2 x carbon mainsheet foot chocks

4 x carbon deck chafe plates

Windlass – Lewmar V2/3 electric windlass for 12-16mm chain with two piece chain locker fitted in bow with deck cover plate when required.

New cushions cover for the interior – never used



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

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NAUTOR'S SWAN France

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