

Swan 60 - 2010

Sail-list at page 12

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Hull Construction

- Hull is constructed using a SPRINT/pre preg carbon fibre/epoxy sandwich laminate over Corecell foam core. Laminated in a female mould to ensure excellent external finish
- Stiff chain plates, mast step and bulkheads in Carbon Fibre pre preg using unidirectional fibre.
- Four Hull windows, on either side of saloon and one in each aft cabin
- Hydraulically operated transom door doubles as a bathing platform

Keel

- Keel is comprised of antimony hardened lead bulb and hi tensile steel fin bolted to hull with hi- tensile bolts, draft (3.6m/11'9")

Hull Finish

- The hull is painted using DuPont paint systems, Snow White, Water and boot top lines, Flag Blue
- Bottom is treated with epoxy primer then International antifouling colour white

Steering System

- The rudder is supplied by Isotop carbon skins over foam core and a carbon rudderstock JP3 rudder bearings, Lightweight alloy quadrant
- Twin 120mm clear coated carbon steering wheels 1.6 turns H.O to H.O. Emergency steering system in lazarette

Deck Construction

- Deck is constructed in SPRINT/pre-preg sandwich using Corecell foam. Hi-density core under hi- load areas Composite surfaces are painted with Snow White DuPont paint system.
- Semi closed transom.Raised aft deck.

Deck finishing

- The side decks, fore deck, cockpit sole and seats are covered with 55 x 9 mm (when new) quarter cut teak battens with white caulking (instead of standard black).
- 30 mm high teak toe rail forward of the mast.
- Two built-in angled adjustable helmsman's supports are located at the steering consoles.

Cockpit

- Large cockpit providing safe access to the interior, designed for comfort both under sail and at anchor Cockpit seats are 2.5m (8'2") long with backrests on either side.
- A 2m (6'6") long white-painted semi-permanent cockpit table with folding leaves is mounted in the centre of the cockpit. Table is mounted on telescopic legs to adjust height, drops down to become a sunbathing area.

Hatches & Portlights

- Custom made flush mounted hatches with gutters in white painted composite, all supported by gas rams Manually sliding companionway hatch and drop-down washboard
- Acrylic port-lights on either side on coachroof

Deck Equipment

- Anchor windlass Lewmar V6 with remote control on foredeck, removable for racing with GRP cover. Folding anodized aluminium anchor arm, supported by gas spring.
- Sanguinetti retractable electrical mooring winch, mounted on fore deck.
- Stainless pushpit, pulpit and stanchions
- Handrails in cockpit
- Removable teak foot chocks for helmsman 6x pop-up mooring cleats
- Teak covered hatches
- Anchor locker
- Lazarette
- Life raft storage
- Gas locker
- Helm foot stands
- Deck locker

Winches (Harken)

- Primary 2x B 990.3 STRAD EH with free-spinning bases
- Halyards 2x B 65.3 STRAD EH with free spinning bases

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Mainsheet

- Single point mainsheet aft of helmsman connected to hydraulically operated Magic Trim system mounted in lazarette.
- Control buttons on steering pedestal

Sailing Hardware

- Removable carbon fibre bowsprit – A-frame type including bobstay
- Harken tracks/cars for jib sheet
- Holmatro hydraulic ram for genoa car adjustment
- Jib Cunningham System, control in cockpit
- Harken foot, halyard and spi sheet blocks
- Spinlock jammers
- Wichard and Harken pad-eyes
- Nautor Custom Flush Hatches - above forepeak, above forward head, above forward cabin, above saloon, Above aft heads and above aft cabins.

General

- Interior woodwork is in white stained teak osmo waxed providing a natural looking satin finish
- Removable overhead panels in all cabins
- Foam cored floorboards teak with koto striping
- Door handles Fusital type with custom leather
- Cotton upholstery fabric Lauritzon for sofas and cabin seating. Leather for nav seat
- Overhead blinds/mosquito nets on hatches
- LED reading lights at the head of each berth and in the saloon
- Headboards in forward cabin padded and upholstered
- Aft cabin outboard berth panels in wood
- Leather detail Including:
 - Mast cover in saloon
 - Cabin door handles
 - Navigator seat Table tops in aft Cabins, and Main companionway handrail.
- Laptop table in forward cabin
- Leather pockets 3 pcs.

Interior Canvas

- Lee cloths for all berths
- Crew covers for berths and settees in Sunbrella
- Dining table cover

Forward Cabin (Owner's Suite)

- Features a queen size berth on the port aft side with two-person settee on the starboard side
- Hanging lockers on both sides forward
- Upper lockers for additional storage can be found on each side of berth
- Large double hatches allow generous amounts of natural light
- Ensuite head located forward and features separate shower compartment, washbasin, mirrors, storage lockers, and Tecma Silence WC

Aft Cabins (Both sides aft, identical mirrored cabins)

- Aft cabins feature twin berths aft.
- An additional filler piece makes the berths in to a double berth when required
- A hanging locker is located outboard at the forward end of the outboard berth
- Counter top with a tray for loose items at centreline
- The visible hull outboard is covered with lightweight teak panels. Mirror
- Hull window to each cabin
- Entrance to the heads are adjacent the cabin entrances
- Opening portholes to cockpit and aft deck allow generous flow of natural air and light into the cabin
- En-suite head with wash basin, WC, shower, mirror and storage lockers

Saloon

- The saloon features an open, voluminous arrangement with an integrated galley and navigation areas
- Dining for six persons is provided on port side consisting of dining table, settee and two loose chairs Dedon Sea X with white frame and leather upholstery
- A three-person settee is located on starboard side with a locker aft of the settee
- Upper lockers for storage are placed outboard on both sides

- The exposed hull outboard is covered with lightweight teak panels
- Deck head at centreline integrates indirect lighting and a handrail
- Access to engine room is located behind the main companionway
- On the aft starboard side, a bar area including custom made cupboard for glasses, and storage lockers for bottles and serving items

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Galley

- The galley is located on the port side of the yacht with direct access to saloon
- Work surfaces are finished in Corian
- The sink, the draining rack and storage for cutlery are located in a centreline galley island
- The gimballed stove is located in the outboard counter with an exhaust fan above
- Microwave oven is integrated in the upper locker aft.
- The fridge-freezer is located near the entrance and the saloon for easy access
- All drawers and storage lockers have been customized to accommodate tableware, pots, pans and galley items.

Galley Equipment

- Front-loading refrigerator 115 litres
- Front-loading freezer
- Four-burner Miele gas stove with electric oven
- Miele microwave oven, recessed in the upper locker aft.
- Exhaust hood over cooker
- Dish washer, Fisher & Paykel - "dish-drawer"
- Lapetek extractor
- Coffee machine

Nav Station

- Chart table with opening top and drawers is outboard facing and located on the starboard aft side of saloon
- Instrument panels outboard with recessed mounting of instruments and controls

Engine Room

- Located centreline between galley and nav station
- Accessible from three sides with removable panels

Engine and Systems

- Main propulsion engine is a Volvo Penta D-3 110 Hp engine.
- 1200 hours in Feb 2018
- Four-blade Brunton Varifold propeller on 38mm shaft
- 500L (132UsG) total fuel capacity in two polyethylene tanks
- Semi dry exhaust by Halyard, water is separated from gas for quiet operation
- Bow thruster MaxPower R200/ 8 swing type, retractable, driven by DC power pack, including extra batteries

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Hydraulic System

- Bosch Rexroth DC power pack with two electric pumps operating: Backstay, Boom vang
Outhaul & Cunningham
- Jib furler length adjuster
- Mainsheet magic trim
- Jib car adjusters
- Jib Barber hauler
- Jib Cunningham

Pneumatic System

- The yacht is equipped with a low-pressure compressed air system, used mainly for transom door sealing.
- Air-conditioning 230v AC Marine Air system circulates cooled or heated water throughout boat, independent fan coils in each cabin and saloon. 36,000 BTU cooling and 39,600 BTU heating.

Ventilation Systems

- Forced air ventilation system draws air from throughout the boat and exhausts through transom area.
- Galley exhaust fan
- Separate engine room and battery box ventilation systems

Water-maker

- Sea Recovery Ultra Whisper 600 series producing 95 l/h
- Water capacity 500L in three polyethylene tanks. Additional 100 litres to standard, under the fwd bed

Plumbing Systems

- Pressurized hot/cold water system distributed to galley, deck shower and all bathrooms.
- Aqua Jet Flowmaster 24v water pressure pump with 2L pressure vessel.
- 50-litre stainless steel hot water tank, heated by engine operation or 220v element.
- Johnson deck wash pump for seawater circuit, hose connection in anchor locker.

Refrigeration System

- Isotherm 24v DC refrigeration compressors for fridge and freezer. Seawater cooled

Drainage Systems

- Grey water from washbasins, showers, condensing water from air conditioning and freezer/ fridge is collected to transfer pumps and pumped out above waterline.
- Black water is collected in 3x 40L holding tanks (one for each head) and pump out via 24v pump.
- All heads are Tecma Silence 24v, fresh water flushing.
- Four separate bilge areas are emptied using 24v electric or Whale manual pumps.
- Automatic bilge pumps in main saloon and lazarette.

Electrical Systems

DC System

- The DC-system is based on Multiplexing Technology
- The CAN-technology allows distributed switching and protection of electrical loads
- All functions can be controlled and monitored on a touch screen at the chart table
- Service battery bank 24v 480 Ah Gel type batteries Handling system batteries 24v 75A
- Engine and generator starting batteries 12v 75A
- Batteries for bowthruster 24v 75Ah
- LED overhead and indirect lighting throughout boat
- Lopolight LED navigation lights
- Masthead tri-colour light

AC System

- The AC system is a 230 V 50/60 Hz single-phase three-wire.
- The 230V can be powered by the diesel generator or by 50/60 Hz shore connection.
- There are also a number of 230 V 50 Hz appliances powered by a DC/AC inverter.
- 230v 50A Shore Power system

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Generator

- 10 Kw Mastervolt Whisper with sound shield, February 2018. 96 hours at 12/02/18

Chargers/Inverters

- 2 x 24v battery charger for service battery bank Mastervolt. 24/100-3 (at forward shower area stbd)
- 24v 20A battery charger for handling battery bank Mastervolt
- Separate inverter for the Dell computer 230/350VA 50 Hz Mastervolt 24/350 AC
- Master 24/2500 Inverter supplying AC consumers Mastervolt

Monitoring System

- The following alarms are displayed on the touch screen including an audio signal at the helm:
 - Bilge levels high
 - Black water tank levels full
 - Water pressure pumps run dry
 - Deck wash pump run dry
 - Water in fuel separators
 - Low battery voltage, service battery bank
 - Low battery voltage, handling system battery bank
 - Navigation light failure (side, stern and motoring lights)
 - LPG leakage
 - Generator overload
 - Level metering: Water tanks, Fuel tanks, Black water tank.

Navigation and other Systems

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Sailing instruments

- B&G H3000 Hercules main processor
- B&G H3000 30/30 displays, 4 pcs, mounted on mast including Hall Spars bracket
- B&G H3000 display on port steering console
- B&G H3000 display at the navigation station
- Vertical Mast head unit
- Speed Sensor Plastic Flush mount

Navigation Instruments

- Furuno NavNet navigation system
 - system includes: Multifunction screen at both steering pedestals
 - Black-box Furuno at the navigation station connected to the LCD display at the navigation station
 - Furuno Navigation is controlled by a trackball positioned at the navigation station
 - Furuno Navtex NX300 at chart table

Autopilot System

- B&G autopilot with one GPD control at port helm.
- Dedicated continuous running 24v Marsili/Bosch Rexroth power pack driving Marsili cylinder Autopilot pump and cylinder removable, 2 pcs quick connection on hydraulic hoses.

Communications Systems

- Fleet Broadband 250 satellite communications system, TracPhone FB250, with antenna on pushpit
- Simrad RS 87 VHF/DSC with additional Simrad RS-87 handset and speaker in cockpit
- Lightweight VHF antenna AC Marine
- Celmar VHF aerial on mast head
- Class B AIS transponder, Simrad NAIS-400 including GPS and VHF antenna splitter
- Simrad NSPL-400
- System connected to VHF antenna on mast top
- GPS antenna positioned on pushpit

Computer Systems

- Dell OptiPlex 780 ultra-compact computer connected to 15.6-inch widescreen monitor at nav station. Internal wireless local area network (WLAN) available throughout the yacht and on deck.
- The Dell computer is connected to the network allowing tactical software control from an iPad or equivalent.

Entertainment Systems

- LED TV 32-inch, Samsung Series installed in saloon
- Bose Lifestyle V48 music system
- Two Bose 131 speakers are installed in the cockpit
- Music is fed to the speakers as an individual zone from the saloon Bose system
- The system is controlled by a Bose Personal Music Centre II radio remote control as well as a volume control knob in cockpit
- Includes IR extender system, Marmitek Infrared control 8

Mast & rigging

- Two-spreader Hall Spars Hi-Modulus MS40 carbon fibre mast finished in clear coat
- Harken Switch track
- Mast jack cylinder with manual pump
- Swept back spreaders 21 degrees
- Hall Spars SCR carbon standing rigging, including titanium turnbuckles from Hall Spars
- Hall Spars V-Boom in carbon fibre clear coat - allowing up to three reefs
- Reckmann UD3 Sphere electric head stay furler with double groove carbon foil
- Cruising Jib halyard on hydraulic cylinder
- Real-time Reckmann UD3 forestay length adjuster
- Boom vang, Holmatro HVG-40 B
- Racing headstay and tuff luff foil
- Removable carbon fibre bowsprit with bobstay for racing

Accessories

- 3 person inflatable dinghy with electronic Torceedo Trail 1003 engine (few hours only at Feb 2018), located in the lazarette
- Transport cradle for yacht. This is currently in Scarlino
- All carbon forestay (in Scarlino)
Tuffloff forestay

Deck Canvas

- Recessed sprayhood forward of cockpit
- Canvas sun awning connects via boltrope to boom and covers entire cockpit area
- Cushions for cockpit area
- Wheel and pedestal covers, new Feb 2018
- Mainsail cover, new Feb 2018
- Canvas covers for main entrance stairs
- Cover for cockpit table, new Feb 2018

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Winch handles

- Basic tools for engine and generator maintenance
- Basic spare parts for engine and generator
- Suction lifters for floorboards
- Sounding rods for fuel and water tanks
- Flagpole
- Boarding ladder
- Full winter cover

Anchoring and Mooring

- One CQR 75lbs (34Kg) galvanized anchor on folding arm 80m
- 12mm high tensile anchor chain
- One Fortress 21.2Kg alloy anchor stowed in lazarette
- 5m 10mm chain with 50m 18mm nylon rode for spare anchor
- Assorted mooring lines
- Avon fenders
- Boathook
- Carbon gangway

Safety Equipment

- Gloria P2G fire extinguishers in each cabin
- Jackstays on deck
- 2x 8-person life rafts

Swan 60, VerticalSmile - Sails

These were all serviced at the sailmaker in Denmark Feb 2018
 They are all-in sails for cruising the Atlantic or for racing and winning
 Sail container, now in Scarlino (may be purchased separately)

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Mainsails

- Mainsails, North Sails, 2010, 3DL
- Mainsails, North Sails, 2010, 3DL - cruising with extra film
- Mainsails, North Sails, 2014, 3Di

Jib

- Furling Jib 106%, North Sails, 2010, 3DL - cruising with extra film
- Jib 105% light, North Sails, 2010, 3DL
- Jib 105% medium, North Sails, 2010, 3DL
- Jib 97% heavy, North Sails, 2010, 3DL
- Jib 105% light, North Sails, 2014, 3Di
- Jib 105% medium, North Sails, 2014, 3Di
- Jib 97% heavy, North Sails, 2014, 3Di
- Trysail, North Sails, 2010, Heavy
- StormJib 60%, North Sails, 2010, Heavy

Asymmetrical Spin

- Asymmetrical Spin, North Sails, 2010, 303,5 m
- Asymmetrical Spin, North Sails, 2010, 350,6 m
- Asymmetrical Spin, North Sails, 2010, 374,6 m
- Asymmetrical Spin, North Sails, 2010, 294,5 m
- Asymmetrical Spin, North Sails, 2012, 395 m
- Asymmetrical Spin, North Sails, 2012, 436 m

Staysail

- Spin staysail, North Sails, 2012, 75 m
- Staysail - furl, North Sails, 2012

Please contact [DBC Marine](http://dbcmarine.dk) for more information