

SWAN 601-008 'CHEROKEE'


LENGTH OVERALL	Meters	18.35	Feet	60.2
LENGTH OF WATERLINE	m	15.82	Ft	51.9
BEAM	m	4.54	Ft	15.52
DRAFT	m	3.61	Ft	11.81
DISPLACEMENT	Kg	18,005	Lbs	40,345
BALLAST	Kg	6,741	Lbs	13,227
CONSTRUCTION MATERIAL	Carbon Fibre			
ENGINE	Volvo Penta D2-75 (75Hp) NEW 2016			
TANKS	FUEL 240LT, WATER 150LT			
ELECTRICAL SYSTEM	DC 24V : DC 12V AC 220V			
DESIGNER	German Frers			
MAST & BOOM	Hall Spars carbon mast & boom with Rod standing rigging			
DELIVERED	2006			
FLAG	Cayman Registar			
LYING IN	Palma de Mallorca			
HULL COLOUR	Blue			
CLASSIFICATION	CE Category A Ocean			
ASKING PRICE	1,350,000 EUR Ex VAT			

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COMMENTS

The Swan 601 is a high-performance racer cruiser that is as competitive today as when the first boats were launched in 2006. Full carbon construction utilizing SPRINT technology has kept the displacement to a very modest 18,000 Kg despite the full cruising interior as expected on every Nautor's Swan yacht.

Cherokee is always maintained by her captain and every system is replaced, upgraded or improved, as an example

- New engine in 2016
- Fisher Panda 8kv 2012
- New Batteries Gel 2016
- New rudder bearings 2016
- New panels and roof 2016
- B&G Hercules 3000 upgrade in 2011

HULL & APPENDAGES

Construction

The hull is of built in a female mould using unidirectional carbon fibre Sprint layers vacuum bagged and oven cured.

Foam cored topsides and single skin underwater.

Structural bulkheads are of Nomex honeycomb cored carbon fibre epoxy pre-preg construction.

Stiffeners are carbon lay-ups with unidirectional flanges and double bias webs.

Engine beds are of CFRP with steel inserts.

Flotation reference marks at bow and stern.

Bottom treated with epoxy primer for improved blistering resistance, and antifouled.

Sea cocks of plastic for all through-hull connections below waterline, closing flush with outside and located in accessible positions.

Topsides

Faired using long boards and epoxy primer, blue painted

Boot and cove stripes white

Underwater

Faired using long boards and coated with white antifouling paint

Ballast Keel

Original keel with narrow steel fin and lead bulb.

Keel bolts are of high-tensile stainless steel.

Fin CNC machined from high-tensile stainless steel.

Bulb and Fin faired.

Steering System

Dual steering gear, sheaves provided with guards to prevent jamming.

Lightweight steering quadrant bolted to rudder stock.

Two 1.2 m destroyer type carbon fibre wheels, 1.7 turns H.O to H.O.

Pedestals with roller bearings and friction brake. Emergency tiller stowed in lazarette.

Foam filled rudder blade with carbon fibre skins and stock, supported by two self-aligning bearings.

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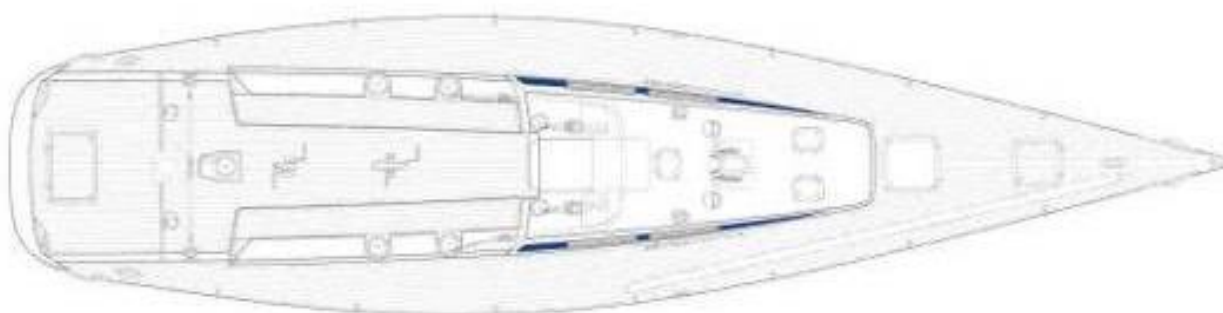
DECK

The ergonomic design on deck ensures the clean, sleek lines of the boat are unbroken and adds to her capacity for high-speed sailing. Deck is of carbon fibre Sprint sandwich construction with foam core, vacuum bagged and oven cured. Glued deck/hull joint. High-density core under deck fittings.

Laid 9mm teak on side and bridge deck, cockpit sole and seats

30mm toe rail forward of chainplates.

Deck surfaces are painted in white



Deck Equipment

Rollers for three pairs of forward stanchions.

Fairleads integrated into stanchions.

Three removable Aluminium mooring cleats, one forward and two aft.

Pulpit, pushpit and lifeline stanchion 640 mm high of stainless steel.

Socket for flag pole.

Composite mast collar.

Stemhead fitting and chainplates

Stemhead fitting for asymmetric spinnaker and code 0.

Carbon fibre chain plates bonded to hull and to reinforced structural knees.

Hatches and Windows

Hinged fore deck hatch to deck stowage

Flush hinged sail hatch and openable deck hatches of composite construction.

Flush side windows.

Portholes Goyot.

Main companionway sliding hatch of tinted acrylic with sliding drop-board.

Aft deck hinged GRP hatch to lazarette.

The lazarette is separated with a watertight bulkhead from the interior.

Open stowage in lazarette with separate locker for LPG tanks.

Winches

Lewmar system

Primaries: 2x Carbon 80 3-speeds with overdrive box

Centre removable pedestal.

Mainsheet: Carbon 80 3-speed with over drive box

Centre mainsheet pedestal clear coated and twisted carbon

2 x Secondary winches: 68 / 3 speeds carbon self-tailing

2 x Halyard winches: 68 / 2 speed carbon self-tailing

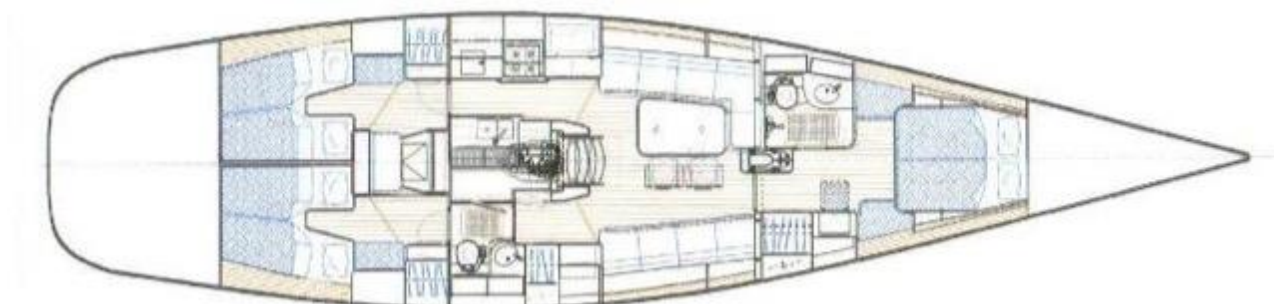
2 x Traveller winches: 44 / 2 speed aluminium self-tailing

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Anchoring and Mooring

Lewmar V5 removable anchor windlass.
 On the port side of the bow is a removable SS anchor roller
 One Fortress FX85 (20 kg) anchor, stowed below deck.
 10 m of 10 mm (3/8") high-tensile anchor chain.
 100 m of 25 mm plaited nylon anchor line.
 Mooring lines.
 Six air fenders with lines.
 One boat hook stowed below.
 Portable anchor light

INTERIOR



General

Interior joinery is finished in hand rubbed satin varnished teak with new white painted composite panelling.
 Varnished Bamboo floorboards (cruising)
 Overhead lined with removable panelling (new 2016)
 Opening deck hatches are fitted with roller blinds and mosquito screens
 Upholstery – foam mattresses for fixed berths and thick foam mattresses for pipe berths.
 Textile covers with zippers
 Exterior and interior cushions

Forward Cabin

Double berth on centre the bed and drawers are all completely removable for racing
 Seats either side aft of berth. Hanging locker and cupboards. Watertight collision bulkhead forward of the bed.
 Ensuite head with integrated shower, teak grating on floor, washbasin, mirror, storage lockers and electrical marine WC with fresh water

Saloon

L-shaped settee in saloon on port side with teak and carbon finished dining table
 Settee (berth) on starboard side. Cushion / headboards on the forward bulkhead both sides. Locker with acrylic shelves for bottles and glasses on starboard side of saloon, aft of which is a wet locker.
 Carbon companionway steps.

Saloon

L-sofa in saloon on port side. Settee (berth) on starboard side. Cushion/headboards on the forward bulkhead both sides. Black covers for chain-plates. Wood saloon table with sliding/removable bench seat.
 Carbon companionway steps.
 2 x overhead carbon hand rails. Ocean Air blinds on overhead hatch.

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Guest / Day washroom area

Guest / day head area which is fitted out with a stainless Wash-basin, mirror, shower, lockers, teak floor gratings and a Tecma marine WC, lies between the two aft cabins

Galley

Located aft of the saloon on port side in the passage to the aft cabin.

The galley has ample work space and storage. The work tops are Corian

There is an insulated and sheathed space for stove with extractor hood over.

Equipment includes:

Four burner Force 10 gas stove with oven, gimballed and provided with fiddles.

Stainless steel sinks. Garbage container.

Front loaded refrigerator and a top loaded freezer (both DC driven)

Lockers behind sinks with plate racks for draining and storage.

Aft Cabins

Aft of the galley to port and aft of the guest head on starboard a doorway leads into the two aft cabins.

Each cabin has: a twin V berth and also a "pipe cot" over with an adjustable rope tackle system attached to the hooks in the ceiling; also a seat and lockers.

Navigation area

Navigation desk with under desk storage

Under seat storage

Mac Mini Computer 2016

Storage area behind mounted computer screen

Emergency cupboard behind the seat with grab bag, first aid etc

Hanging cupboard with rain jackets and 8 inflatable life vests

ENGINE & SYSTEMS

Volvo Penta D2-75 marine diesel engine 2016, 53 kW (70 HP) at 3000 RPM with Sail Drive 150 S

Gori 4-blade folding propeller

Engine space internally sound insulated, fire resistance meeting SOLAS B-15 requirements.

Propeller area sound insulated.

Shut-off valves for each fuel tank.

Fuel valve chest with return valve for each tank.

Fuel filter/water separator with water alarm on feed line to engine.

Tanks are vented to deck edge.

Fuel tanks are of 2 x PVC and one stainless, inspection covers, sounding plug, and vent pipes. Total fuel capacity 240 litres

Plumbing Systems

Tankage:

Fresh-water: 150 litres

One holding tank aft , Hot water tank 22 litres.

Plumbing

Sea water hoses of reinforced PVC tubing.

Fresh water piping of nylon and copper tubing.

Water tanks of PVC.

Shower sump tank is of plastic.

Galley spout with foot pump for salt water.

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Freshwater system

Water can be heated either with engine cooling water or with a heating element working on AC.
Water tank level gauges. Tank vent pipes terminate at galley sink.
Single lever mixing faucets type Oras for washbasins, galley sinks, and showers.

Water-maker Sea Fresh Ocean 400 (removable for racing) 30 litres per hour. 24v

Sinks and wash basins

Galley sinks drain through sea cock. Wash basins and showers drain to sump tank forward cabin only..
Sump tanks are emptied by electrical pumps.

Toilets using salt water or fresh water for flushing, and discharging to holding tanks (aft only) or direct overboard with level indicator

New freshwater flushing electric Jabsco WC in forward cabin head
Holding tank (aft) emptied by electrical pump or deck suction line.

Ventilation System

Ceiling fan in Saloon and fwd head

Drainage System

Two hand pumps 100 litres / minute. Outlets above waterline.
One electric bilge pump in main sump, Forepeak automatic electric bilge pump.

ELECTRICAL SYSTEM

AC System

50 amp shorepower system
Fisher Panda 8KV
Water heater, 1 kW
Outlets, provided with earth fault protection switch
Air-conditioning individual in each three cabins and saloon

DC System

Larger battery capacity 490Ah, instead of standard 350Ah
24 V DC system with insulated return. Wires are dimensioned to minimise voltage drop.
230V AC is a three-wire system.

A lightning protector on the masthead is connected with heavy cable to a keel bolt.
The service batteries are charged by an 80 Amp alternator on the main engine or by a 50 Amp shore powered battery charger with automatic regulation.
The main engine starting batteries are charged by a separate 55 A engine alternator.

Lights

2 x boom lights, one over forward cockpit table and one at aft end of the boom.
Interior down lighters in all cabins Halogen
Lopo LED navigation lights.

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Chargers/Inverters

Mastervolt 75A charger
Mastervolt 2500W inverter

Navigation Instruments

B&G Hercules 3000 (2011) system including
Performance processor
Paddle wheel speed
5 x FFD displays – one at chart table and four outside (2 aft by the helms and 2 at the forward end of the cockpit).
2 x analogue wind displays
5 x 20/20 repeaters on mast
Halcyon Gyro compass
B and G Loadcell pin

Auto pilot (2011)

B&G auto pilot, type 3 drive unit. Control panel by the port helm. System is removable for racing.
Simrad AP27 control head with plug-in GRP box in port side of cockpit.
SUUNTO 135 mm magnetic compasses, one on each steering pedestal.

Computer Systems

Mini MAC with centralite

Communications Systems

Icom IM423 DSC VHF at the chart table

MAST & RIGGING

Hall Spars mast and spars built of carbon fibre and painted white
Double spreader semi-fractional rig with discontinuous shrouds and 20 deg. swept spreaders.
One carbon fibre spinnaker pole and two carbon fibre jockey poles

Dimensions:

IG =	23.75 m	77.92 ft.	Fore triangle	80.6 m ²	868 sq.ft.
J =	6.79 m	22.28 ft.	Main sail	122.2 m ²	1315 sq.ft.
P =	23.60 m	77.43 ft.	107% jib	86.3 m ²	929 sq.ft.
E =	8.37 m	27.46 ft.	Spinnaker	290 m ²	3124 sq.ft.
ISP=	23.845 m				

Mast

Of oval section, with external track / luff groove for mainsail
Tapered masthead with 2:1 main halyard sheave.
Jib and spinnaker halyard sheaves.
Hall spars' standard 5 display bracket:
The mast is stepped through the deck onto a carbon fibre mast step.
Carbon fibre anemometer wand

Boom

Flat regatta boom in carbon fibre

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Rig Hydraulics

2 x Navtex three-function one-gauge central control panel with two-speed pump in aft cockpit for backstay, outhaul, and vang.

Hydraulic mast jack with shims and removable manual pump.

Standing rigging

Rod standing rigging

Tie rods from mast collar to step.

The racing headstay has a Tuff luff with twin groves

Full inventory of running rigging available on request

EQUIPMENT

General equipment

Wheel and pedestal covers

Cockpit table

Cockpit cushions

Rope bags, Winch handles

Passarelle

Owner's Manual in English including manuals supplied by equipment manufacturers.

The Owner's Manual contains directions for use, maintenance and winterising as well as drawings and diagrams for main systems.

Sounding rods for fuel and water tanks.

Two suction lifters for floorboards.

Carbon Flag pole

Plumbing spare parts. Engine spare parts. Electrical spare parts. Engine tool kit.

Dinghy Zodiac Zoom with Yamaha outboard 9.9hp and a custom cover

Safety Equipment

Softex total flooding system for engine space with remote control at main companionway.

Two portable extinguishers in interior.

Two webbing jackstays.

Liferaft

SAILS

SAIL	YEAR	LOFT	NOTES
MAINSAILS			
Cruising main	2011	North Sails	
Furling Jib	2013	North Sails	
Spinnaker	2006	North Sails	Used three times
Code 0	2016	North Sails	
Storm Jib	2006	North Sails	
Storm trysail	2006	North Sails	
Staysail	2006	North Sails	

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