

HIGHLAND FLING 15 — NAUTOR'S SWAN



Builder: NAUTOR'S SWAN

Year Built: 2016

Model: Cruising/Racing Sailboat

Price: PRICE ON APPLICATION

Location: France

LOA: 115' 4" (35.15m)

Beam: 26' 9" (8.15m)

Min Draft: 14' 9" (4.50m)

Max Draft: 22' 1" (6.73m)

Our experienced yacht broker, Andrey Shestakov, will help you choose and buy a yacht that best suits your needs **HIGHLAND FLING 15 — NAUTOR'S SWAN** from our catalogue. Presently, at Shestakov Yacht Sales Inc., we have a wide variety of yachts available on our sale's list. We also work in close contact with all the big yacht manufacturers from all over the world.

If you would like to buy a yacht **HIGHLAND FLING 15 — NAUTOR'S SWAN** or would like help answering any questions concerning purchasing, selling or chartering a yacht, please call **+1(954)274-4435**

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SPECIFICATIONS

Overview

Basic Information

Category: Cruising/Racing Sailboat

Model Year: 2016

Year Built: 2016

Country: France

Dimensions

LOA: 115' 4" (35.15m)

Beam: 26' 9" (8.15m)

Min Draft: 14' 9" (4.50m)

Max Draft: 22' 1" (6.73m)

Speed, Capacities and Weight

Max Speed Range: 4 Kts.

Gross Tonnage: 143 Pounds

Water Capacity: 396 Gallons

Holding Tank: 66 Gallons

Fuel Capacity: 1003 Gallons

Accommodations

Total Cabins: 3

Sleeps: 6

Total Heads: 3

Hull and Deck Information

Hull Material: Carbon Fiber

Deck Material: Teak

Hull Designer: Frers

Engine Information

Engines: 1

Manufacturer: Marine Drive Systems

Model: Marine Diesel Sweden 400 VGT 450
hp @ 3500 RPM

DETAILED INFORMATION

Overview

Highland Fling 15 is Germán Frers design along with the demanding requirements of a highly experienced, serial Swan yacht owner. Built to the highest standards of performance. She has a minimalist interior and flush deck. With a full carbon hull and deck. Highland Fling 15 is a proven cruiser/racer; 1st Americas Cup SYC 2017, 3rd Palma SYC 2018 and 3rd Rolex Maxi 2016.

Construction

The layup is of a foam cored carbon fiber epoxy reinforced construction in a female mold. The hull is pre-preg carbon fiber foam sandwich. The laminate is vacuum consolidated and oven cured at +70C. The core is M-Grade Corecell SAN Foam with high density used in the high loaded areas. A high proportion of the fibers are unidirectional resulting in a stiff structure. The stiffeners and structural bulkheads are made using Carbon SE70 Pre-preg and Nomex, vacuum consolidated at +70C. Special care is taken to assure rigid foundations and adhesion to the hull. Additional carbon reinforcement is applied around areas where there are openings and cut outs.

Keel

Lifting keel optimization: Stroke 4.5m - 6.75m (standard is 4.5m - 6.5m) Keel trunk laminate and core optimization Chord length 1.738m (standard is 2.073m) Weldox 900 material (standard is Weldox 700) Titanium bottom plate and tapping bars (standard is stainless steel) Titanium bearings and side wedges (standard is stainless steel). Light weight lifting keel cylinder instead of standard. Custom 23.3t bulb

Steering Systems

The steering system is a twin rudder and twin wheel sprocket with chain and cables. The rudders are custom designed by Owen Clark, Isotop supplied, carbon fiber, foam core, epoxy construction with custom tubular carbon fiber stocks and sacrificial tips. JP3 rudder bearings are supplied. Custom performance steering system with weather rudder float system and composite quadrants instead of standard.

Deck

The main deck is of carbon fiber pre-preg sandwich construction with Nomex Honeycomb Core. The coach roof and coamings are of a carbon fiber pre-preg sandwich construction with Corecell Core. High density core is used in the high load areas and in way of deck fittings. The deck is bonded to the hull using high strength structural adhesives. The teak deck consists of teak

battens 65 x 6mm with grey 5mm caulking. The teak decking is vacuum bonded with epoxy adhesive. **Deck Equipment** All winches are hydraulically driven by CCHE Hydraulics.

Winches Two Harken B1235.3 STR AAA HY primary cockpit winches with base sheave Three Harken.3 STR AAA HY cockpit halyard winches Two Harken B1235.3 STR AAA HY main sheet winches reduced Two Harken B1235.3 STR AAA HY running backstay winches One Harken B1125.3 STR AAA HY utility winch One anchor windlass **Sail Handling Systems**

There are Harken hard anodized aluminum tracks for two jib cars and harken mainsheet traveler with custom cars and stoppers. Spinlock ZS jammers for halyards, preventer, tack and reef lines Reckmann UD5 furling headstay with Carbo-link torsional headstay Eight pad eyes on bulwark

Pushpit and Pulpit The pushpit and pulpit and lifelines are with spacing and in accordance with ISAF/ORG requirements 32mm polished stainless tube. The pushpit has an access gate for the gangway. Lifelines and Stanchions The stanchions are 610mm high with 2 wire lifelines of 5mm and 4mm, spacing and in accordance with ISAF/ORG requirements. **Cleats and Fairleads** Six custom titanium pop-up cleats and 4 custom titanium fairleads **Other** Custom titanium toe rails forward of mast One custom carbon fiber mast collar One flag pole socket Two custom carbon fiber railing between steering pedestals, by aft deck hatch Carbon side boarding ladder Passerelle

Hatches and Windows

Teak covered Deck Hatches One 600 x 600mm Anchor and windlass hatch One 1600 x 1600mm sliding hatch to forward sail storage One 1200 x 1200mm aft lazarette hatch Two large dingy well hatches **Main Companionway** The main entrance has a manually operated forward sliding hatch with a drop board for closure, with removable canvas spray hood. **Crew Entrance** One raised forward sliding hatch just forward of the steering pedestals, with removable spray hood. Cockpits Seats and Tables Two removable seats either side of the cockpit, with cushions. **Dingy Well** One 4m long x 2.4m wide x 0.7/0.9m deep dingy well with teak covered carbon hatch doors. Large well drains installed. Sea cover provided. **Other** Under deck system for two asymmetric tack line tensioners including chain plates, Equiplite 4 ton Autolocks and hydraulic rams by Harken. Tack slider in stainless steel. Deck flange is similar Reckman UD5-SC furler / headstay tensioner Fixed custom carbon fiber bowsprit. Installation of customer supplied lash tangs on bulwark. Two lash tangs on stern bulwark. Equiplite Code-0 tack line lock upgraded from 4t to 6.5t. Spinnaker sheet lead under deck through sheave box angled 20° outboard in bulwark. Load pins on backstays. Removable painted carbon fiber radar post on aft deck with aluminum platform for scanner and three antennas.

Accommodations and Interior

The interior is open-plan minimalist design using white vinyl panels in the head liners and hand rubbed satin varnish white oak veneers and hardwood to create a bright lively atmosphere. All furniture the joinery are built with best yacht practice and wood selection is in accordance and first grade materials. **Master Cabin (Fwd)** The Master Cabin has been left for the new owner to choose a custom arrangement, or leave it as is. Presently the configuration of Highland Fling 15,

as a performance cruiser the owner preferred to have the forward part of the interior as sail storage. **Heads** There are six heads on board, one per cabin. Tecma carbon fiber toilets throughout. Carbon fiber painted countertops with Perspex mirrors, acrylic shower doors with custom carbon fiber foam floorboards. **Galley** Galley worktops in painted carbon fiber sandwich. Built-in cupboard storage, above counter, painted white. Built-in cupboard storage, below counter, white oak veneer with satin varnish finish. Double sink in clear carbon fiber. One microwave oven Miele M 8261-2171, 2.17 kW, 800W. One dishwasher Miele G5985 scvl XXL, 230VAC, 202kW. One refrigerator Frigonautic 24VDC 600 liter. One freezer Frigonautic 24VDC, 370 liter. One electric oven Miele H 6090 B, 230VAC 3.7kW 900mm wide. One induction hob 5 cooking zones Miele KM 6387, 400VAC 11.1kW. **Forward VIP Cabins** There are two cabins located either side of the mast, with double size berth, outboard. The cabins are finished with satin varnished, white oak veneer panels and doors with white vinyl overhead with removable panels. Ensuite heads. **Aft VIP Cabin** There is one VIP cabin located on the port side, athwart the main companionway entrance. The cabin is finished with satin varnished, white oak veneer panels and door with white vinyl removable overhead panels. Ensuite heads. **Nav Station** The Navigation Station is on centerline in the crew quarters with direct access to deck. The station consists of a chart table, instrument panels and a forward-facing floor-mounted swiveling chair.

Engine and Systems

Propulsion System Type: Retractable Drive System, including the main engine Marine Diesel Sweden 400 VGT. Tuff Torque gear box TTM61A (2.43:1) 4 blade fixed pitch propeller. **Thrusters** OYS H-300-V Custom Vertical tube bow thruster Titanium vertical tube and a carbon tunnel **Plumbing Systems** Pressurized hot and cold water throughout. The pressure water system is multi layered press fitting system. Hot water tubing is insulated with integrated water tanks, baffles, inspection covers and vent lines. Side deck filling of from the desalination system. Two x 750 liter fresh water tanks. **Desalination System** Recovery Aqua Whisper Mini with a capacity of 118 l/h. **Drainage System** The bilge is divided into 4 sections: forepeak, sail storage, accommodation area, engine room and lazarette. The bilge areas are equipped with a drainage pipe connected to the main bilge pump as well each bilge section is fitted with an automatic 24vdc drain pump to keep them dry. Two grey water tanks collect all drain water from the washer and dryer, sinks and showers, refrigerator and freezer and air conditioning drip trays.

Electrical System

The electrical system is made up of 230VAC, 400 V @ 50Hz and 24 VDC Power supplied by a single-phase Panda diesel generator 18 Kw or shore power. 24VDC power is supplied by a single battery bank 720 Ah. PLC controlled power shedding system, single bus. There are also a number of 230VAC/50Hz appliances fed through DC / AC inverters. **DC System** The yacht has a 2-pole 24V insulated return DC system. The batteries are Mastervolt MLII Ultra 24/5000 lithium ion 24V/180Ah. The onboard 24VDC system is made up of a single bank of four batteries with 720Ah capacity. There are also a number of 230VAC/50Hz appliances fed through 24VDC

inverters. **AC System** The yacht is supplied with AC power fed through a diesel generator or shore power. The diesel generator is a Panda 45PMS 18Kw 50Hz single phase, variable speed. The shore power inlet connector is 230/400V, 5 pole, 63 Amps. **Chargers/Inverters** There are two Mass Combi Ultra charger/inverter 24/3500-100 with 3 step 100 Amp chargers, for charging batteries. The inverters are Master volt Mass Combi Ultra charger/inverter converting 24VDC to single phase 230VAC, 50Hz. One 24VDC/140Amp Bosch alternator on the main engine to charge service batteries.

Electronic Systems

Navigation Instruments B&G Zeus Navigation System marine processor B&G ZM 19T / ZC1 19" touch screen controller at navigation station B&G ZG 100 GPS antenna Broadband 4G radar antenna Class B AIS transponder Simrad NAIS-400 including GPS and VHF antenna splitter Gyro Compass Sperry Marine Navigat X Mk2 **Sailing Instruments** B&G H 5000 40/40 Displays Six B&G GFDs **Communications Systems** 704 Handheld DSC VHF radio, Simrad HH36 integrating GPS B&G V90 VHF with wireless VHF handset in cockpit Yachtspot internet 4G+WiFi system Yachtspot WiFi terminal Globesurfer GSM/3G terminal. Panasonic DECT wireless telephone Livewire FB 10 PRO KVH Mini VSAT Satellite telephone terminal **Entertainment Systems** Denon CEOL Piccolo network receiver with two pair of B&W CCM 362 ceiling speakers. Connects through Airplay to any iPod/iPhone/iPad. The systems are installed throughout VIP cabins and crew mess. **Video Systems** One 22" LED TV Samsung Series 4 connects to Samsung Blu-ray player DB-D6500 Located in the crew mess.

Mast and Rigging

The mast and boom are custom high modulus, uni-directional, pre-preg carbon fiber, supplied by Hall Spars. SRC Carbon rigging Carbo link furling headstay Reckman Furler UD5-SCLW Sailplan as follows: • P = 45000 (Plus 1.5M) • E = 13750 • ISP = 48200 **Equipment** B&G H 5000 Auto Pilot Controller One 150Kg riding anchor One Fortress FX-125 second anchor One removable anchor roller for Fortress anchor 120m 14mm galvanized high tensile chain for primary anchor 20m 12mm galvanized high tensile chain for Fortress anchor 125m 25mm plaited nylon anchor rope Four mooring Lines 20m 20mm Four mooring lines 40m 20mm Eight inflatable fenders with custom covers Anchor light with cable and plugs Two boat hooks **Safety Equipment** One foghorn Marco EW 3 24VDC EPIRB McMurdo G-5-M with built in GPS MOB button installed at each helm station Hydraulic system emergency stop installed at each helm station and pit SART McMurdo S4 rescue SART Two Life Rafts Type: Sea-Safe Pro-Light 12 Man Solas B

Sails

Race Sails: North 2016/2017 staysail KZ Furling on cable	Main 3DI Raw A0, A3, KZ furling on cables	J1, J2, J3, J4 3DI RAW A2, A4	Spin GS/storm
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jib Trysail Doyle 2016/2017 A2, A4 Delivery sails 2016 Main; hounds hoist
with two reef Staysail. KZ Furling on cable J3 furling on headstay Running rigging
Full set race rigging Full set delivery rigging

Exclusions

Owner's personal belongings.

Disclaimer

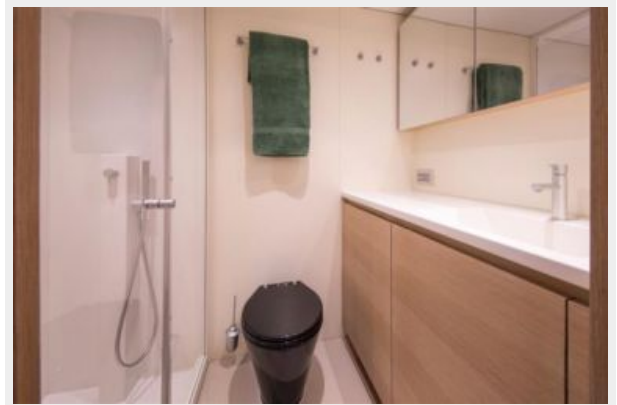
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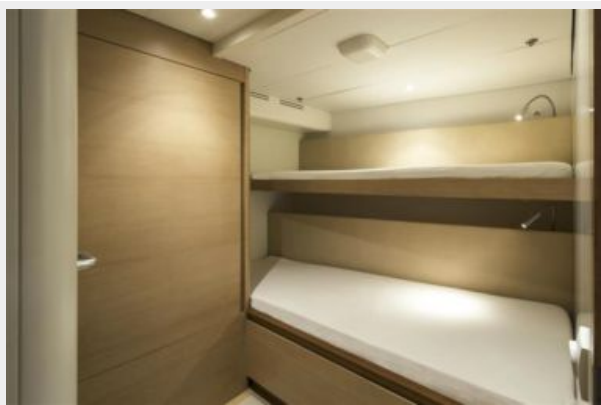
PHOTOS















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