

# Information about Aguila

**Design:** J & J Design

**Place of construction:** Giebelstadt/Tyskland

**Build in year** 2000

**Length over all:** 13,45 m

**Waterline at rest:** 11,15 m

**Draft:** 1,65 m

**Displacement:** 8,5 ton

**Keel:** Iron, 2,8 ton

**Sail area with working jib:** 94,6 m<sup>2</sup>

**Engine:** Volvo Penta MD22L-B

**Power:** 37kW/50 HK

**S-drive:** 120-E

**Propeller:** 3 blade folding, VP

**Bow thruster:** QLBP800 5 kW / 7 HP

**Diesel tank:** 210 l

**Water tank:** 150 l bow + 210 l

**Hot water:** 15 l

**Cabin:** 2 cabins in the stern and owners cabin in the bow

**Toilets:** 2 toilets, shower in the forward is greater

**Showers:** In the forward toilet and on swim platform

**Mast height:** above water incl. antenna 19,1 m

**Two radar masts:** the stern of the antenna to broadcast and GSM phone and boom for outboard between radar masts located on solar 165W

## Aguila is equipped with the following:

**Mast:** Seldén 19/20 standing on the deck, with dual injectors and roller reefing

**Furling:** Seldén Furlex genoa furling

**Whisker pole:** Telescopic rail on the mast

**High:** Seldén rod kick with gas lift

**Mast trim:** Seldén backstays with winch handle

**Winch:** Harken, 46ST (2); 40ST (2); 40ST (2)

**Shippers:** Rutgerson RC750, 12 and 2 on mast

**Mainsail:** North Sails, 42.6 m<sup>2</sup>, standing carbon battens, Pentax Laminate DCP66 (2007)

**Genoa:** North Sails, 52.0 m<sup>2</sup>, SoftNorlam XP 6.2 / 7.2 incl roll compensator (2007)

**Gennaker:** G3 on 117 m<sup>2</sup>, full radial, 3 colors (2006)

**Anchor Sails:** Small sail part (2008)

## Engine:

**Engine:** Volvo Penta, MD 22L-B, 37kW/50 HK

**Propeller** Volvo Penta, 3 blade folding

**Thruster:** QL BP800 5kW, 12V

**Fuel:** Diesel, 210 liters, radius about 70 hours alto 370 NM

**Fuel-Water separator:** Micro Separator

**Fuel Stabiliser:** Micro Stabiliser

**Diesel protection:** Racor Diesel Biocide for eliminating bacteria in diesel

## Electricity

**Batteries:** Batteries Consumption Victron, 3 pcs GEL, 12V, 3 \* 200 = 600 Ah Ah

**Start Battery:** Victron AGM 12V, 80 Ah

**Battery thruster:** Optima 12V, 62Ah + Charger Run-X

**Shore / Inverter:** Victron Phoenix Multi PMP 12/16-70 70 amp charging, 1300 VA inverter

**Isolation Transformer:** Mastervolt Mass GI 3.5

**Solar cell:** GPV 165W with a regulator

**Instrument:** Bavaria's electrical panel 418, Battmeter2, Control panel for charger / inverter, PMC-5

## Steering

**Steering:** Whitlock Constellation with wire

**Emergency Steering:** Tiller directly from the cockpit to the rudder stock

**Autopilot:** Raymarine ST 6000

## Navigation

**Compass:** Suunto on the steering pedestal.

Raymarine, high speed fluxgate

**Navigation system Raymarine:**

**Navigation Location:** RL72RC Radar / Plotter

**Steering pedestal:** ST60 Tridata (speed, log, depth);

Radar/Plotter RL72RC, slave station

ST6001 Auto Pilot control

**In mast:** 2kW radar antenna

**Radar Reflector:** Blipper 210 on mast

**GPS:** Raymarine Raystar125 SDGPS to Raytheon system in navigation plotter

**GPS:** Garmin 152 to VHF with remote antenna under gunwale

**AIS:** Trueheading CTRX Class B with VHF splitter masthead antenna, own GPS

**Multiplexer NDC-4:** A box that handles NMEA data from different sources computer

**Interface box:** Transforms SeaTalk data to NMEA data

**Chart:** C-MAP NT +; Paper charts

## Communication

**The navigation station:**

**VHF:** Navicom RT 650MOB with DSC, hand free unit and MOB unit;

reserve is Sailor A1 VHF with DSC,

**Round Radio / CD:** Panasonic CQ-DFX 444 AM / FM with CD Player

**Radio Speaker:** 2 in saloon and 2 cockpit

**In the cockpit:** Portable wireless device to Navicom VHF

**Antennas:**

**In the masthead:** VHF DELTA 1000S, DSC, AM / FM and GSM

Class B VHF antenna splitter that sends a signal to VHF respectively. AIS.

**On the Radar posts:** VHF Comrod AV51-BI to Sailor A1 VHF reserve,

VHF Comrod AV51-BI as reserve the masthead antenna fails,

GPS to AIS

GPS GA 29 to the Garmin 152 and PC

W-lan: Comrod AV55M2, 8dBi

**For shortwave radio:**

**Antenna:** Reconciled with backstay antenna insulators from Ronstan

**Grounding:** 2 Glomex ground plates, sintered, giving approx. 6 m<sup>2</sup> soil surface

**Wireless:** The antenna is a Comrod AV55M2 on 8dBi

**Security**

**Liferaft:** Zodiac 6 person, repacked 2007

**Fire extinguisher:** 1 x 6 kg and 3 x 2 kg extinguishers

**Bilge Pumps:** Whale Gusher manual bilge pump,  
Electric bilge pump with level sensor L2200

**Lifebuoy:** Plastimo,

**Ladders:** 2 bow trays in different lengths

**Safety line:** two safety lines

**Flares:** Hansson Pyrotech

**Horn:** Roca, located on the port radar pole

**Anchoring and mooring**

**Bow Anchors:** Delta 25 kg with 50 m 10 mm chain

**Stern Anchors:** Bruce 15kg with 75 m leaded line

**Windlass:** Fore, Simpson Lawrence Horizon Express 1000W

**Stern,** Engbo 34 3-S 1000W with remote

**Anchor light:** Sure-A-Light hoisted the backstay, the masthead

**Cordage:** 4 \* 15 m multi-plate, 2 \* 17m, 2 \* 25M, 2 \* 50M,

**Suspension:** Aronowitsch & Lyth AB Anchor Suspension "Bungy" Steel springs with 18mm multi-plate line

**Alighting:** Gates on the port or starboard bow 2 ladders of different length

**Kitchenette, Heating, Water and Comfort**

**Stove:** Gas stove with 2 flames and oven

**Fuel stove:** Butane 2 x 3kg continental bottles

**Remote switch:** Truma GSE

**Hot water:** 15 L Isotherm Slim 15, heat from the engine and / or shore

**Heater:** Eberspächer D5LC 5kW with outlets in cabins, saloon and toilets

**Pressure Water Pump:** Johnsson WPS 4,0

**Fresh Water Filtration:** Seagull IV X-In

**Sea Water** Jabsco: Aqua Jet WD 5.0 seawater pump

**Fridge:** Waeco Cool Matic

**Toilets:** Jabsco 1 with stainless steel holding tank (60 liters for aft toilet) 1 without tank

**Ventilation:** Rutgeron: 6 skylights 8 opening windows 2 dorado valves in saloon

**Water Tanks:** 150 l and 210 l

**Shower Pump:** Jabsco Pump 37202 for pumping water in the shower Bow toilet

**Water:** Whale Quick Connect Plumbing 15 mm, red for hot and blue for cold water

**Cockpit Tent:** From Yacht Technics

**TV antenna:** Glomex 9112/00 digital

**Soft, indoor lighting** in the auditorium: LED Flexible Strip with 3 cm between the bright spots