

## Malö Yachts 45 - SeaUsoon



### 1. General Specifications

- **Model/Yard:** Malö 45 Classic (Yard No. 108 / 45108).
- **Construction Year:** 2000.
- **Identification (HIN/CIN):** SE-MAL45108H999.
- **Dimensions:** Length Overall (Loa) 14.65 m, Beam 4.12 m, Draught 2.08 m.
- **Category:** CE-category A (Ocean).

### 2. Hull, Deck, and Interior Materials

- **Hull Material:** Hand-laid GRP (Glass Reinforced Polyester) sandwich laminate with a balsa core. Winter storage in heated warehouse during 6 months per year for over 25 years.
- **Hull Finish:** NGA Gelcoat for protection against water penetration.
- **Deck Construction:** GRP sandwich with a **Teak deck**.
  - **Update (2012):** Teak deck was sanded.
  - **Update (2024):** Underwater hull was blasted; adhesive primer and two layers of antifouling applied.
  - **Update (2025):** new antifouling
- **Interior Woodwork:** Selected mahogany, matte-varnished and hand-polished.
- **Worktops:** Corian "Sierra Dusk" in the galley; Mediterranean Magna Blue in the washrooms.
- **Interior Textiles:** Blue upholstery.
  - **Update (2019):** Steering wheel covered with new leather.

### 3. Engine and Propulsion

- **Engine Model:** Nanni 4.330 TDI (based on a Kubota block).
- **Power:** 115 hp (84.6 kW).
- **Hours:** 1420 (Aug 2025)
- **Transmission:** Shaft drive with a hydraulic gearbox.
- **Propeller:** Flexofold 3-blade folding propeller with a line cutter; spare fixed bronze 3-blade propeller.
- **Propeller Shaft:** 40mm stainless steel.
- **Fuel Capacity:** 495-litre stainless steel tank.
  - **Update (2024):** Diesel tank cleaned

### 4. Electrical Systems

- **System Voltage:** 12V, 24V, and 220V.
- **Batteries:** Total of 9 batteries.
  - **Update (2026):** Installation of 6 x 225 Ah MVG Gel consumer batteries and 1 x 130 Ah starter battery with new battery management system (Mastervolt Easy View 5 with MasterShunt 500 with C Zone)
- **Monitoring/Control:** Mastervolt Power System Control Panel (PSCP 4).
- **Charger/Inverter:** Mastervolt Mass 24/75 Charger (75A) and a 2,500 Watt inverter.
- **Solar Panels:** 2 x SP40 138W (2026)
- **Generator:** Mastervolt Whisper 4 kW.
  - **Update (2023):** Full electrical system check performed.

### 5. Navigation and Electronics

- **Chart Plotter:** B&G Zeus 3 (2021)
- **Radar:** B&G Halo 20+ pulse compression radar on a stern post with a semi-gimbal dome. (2024)
- **Autopilot:** B&G Triton 2 controller and NAC-3 autopilot computer (2021)
- **Windvane:** Hydrovane (2026)
- **Instruments:** B&G Log, Speed, Depth, and Wind gauges.(2021)
- **Communication:**
  - B&G VHF with AIS and an ICOM M71 handheld unit.(2021)
  - Starlink mini (2026)
  - PredictWind Data hub (2025)
- **Sensors:** Precision-9 Compass and H5000 Graphical display.

### 6. Rigging and Sails

- **Rigging Type:** Masthead sloop with an aluminium Seldén mast and boom.
- **Furling Systems:** Hydraulic furlers for the mainsail and genoa; manual cutter line furler. Fully serviced in 2026
- **Standing Rigging:** Stainless steel wire.

- **Update (2025):** Full rigging inspection performed (May 2025).
  - **Update (2026):** exchange of standing rigging parts
- **Sails:** Manufactured by Lundh Sails (Sweden) in 2026 - 46 sqm Furling mainsail, 64 sqm Genoa (140%), 35 sqm Cutter Jib, and an achorsail

## 7. Plumbing and Domestic Systems

- **Fresh Water:** 725 litres across 3 stainless steel tanks.
- **Hot Water:** 40-litre boiler.
  - **Update (2021):** Boiler functionality updated via engine and Eberspächer system.
- **Heating:** Eberspächer D10W Hydronic hot air system.
- **Toilets:** Two electric heads equipped with vacuum pumps.
- **Refrigeration:** One fridge and one freezer unit using water-cooled compressors.

## 8. Deck and Safety Equipment

- **Anchor System:** 30 kg Bruce anchor with 60 metres of 10mm chain.
- **Epirb (2025)**
- **Windlass:** Electric with remote control.
- **Covers:**
  - **Update (2017):** New sprayhood and cockpit tent.
- **Bilge Pumps:** One manual and two electric pumps (one small pump also drains the aft shower).

## 9. Bedrooms (Cabins and Berths)

The vessel contains three cabins providing six fixed berths and two extra berths.

- **Owner's Cabin:** Located in the bow, this cabin features an en-suite separate toilet and shower and includes its own Radio/CD player.
- **Guest Cabins:** There are **two double guest cabins** situated in the stern of the vessel.
- **Bedding Features:** All berths are equipped with Neptune mattresses made of 170 mm 100% Vita-Talalay latex core and tailor made slat system for perfect airflow and comfort (2025).

## 10. Bathrooms (Heads and Washrooms)

The yacht is equipped with two internal bathrooms and one separate shower room.

- **Toilets:** The heads are **electric "Lavac" marine toilets** manufactured by Blake, which utilise **electric vacuum pumps** and discharge into two stainless steel holding tanks (160 litres total).

- **Showers:** There are **one internal showers** and one **outside deck shower**, all of which feature **mixer taps**.
- **Finishes:** Washroom worktops are finished in **Corian "Mediterranean Magna Blue"**.
- **Hot Water:** A **40-litre calorifier (boiler)** provides hot water, heated via the engine, the Eberspächer system (2025), or 230V shore power.

## 11. Kitchen (Galley)

The galley is part of the salon area and is designed for functionality at sea with safety stops on all doors and drawers.

- **Cooking:** Features a **3-burner gimbaled gas stove** with an **oven** and an ignition safety system.
- **Refrigeration:** Includes an **ice box** equipped with both **fridge and freezer** units driven by **water-cooled compressors** operating on the 24V system.
- **Sinks and Taps:** Equipped with a **stainless steel top** featuring **twin sinks**, a **double lever water tap** (2025), and an electric pump with pressure equalisation for hot and cold water.
- **Countertops:** The kitchen worktops are made of **Corian in "Sierra Dusk"**.

## 12. General Accommodation Features

- **Lounge/Salon:** Contains a U-shaped couch, two sofas, and a navigation corner.
- **Entertainment:** The salon includes a Radio/CD player connected to four speakers (two in the salon and two in the cockpit).
- **Climate Control:** The entire interior is serviced by an Eberspächer D10W Hydronic II (2025) hot air heating system.
- **Interior Finish:** The inner ceiling is lined with 5 mm white PALIGHT PVC board (fire class DIN 4102).

## 13. Annex

- **Dinghy:** Highfield Roll-Up 280 PVC Light Grey (ALU) – (2026)
- **External engine:** Yamaha 6pk 4-stroke (F6CMH-S) – (2026)
- **Inflator:** Spinera SUP5 high pressure 12V pump 16ps – (2026)