

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)
- **Windwane:** 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 (refit 2026)
- **Furling Systems:** Hydraulic Seldön furlers for the mainsail and genoa; manual cutter line furler. Refit 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 anchorsail

7. Plumbing and Domestic Systems

- **Fresh Water:** 725 litres across 3 stainless steel tanks.
- **Watermaker:** Portable 24V Rainman watermaker 140l/h (2025)
- **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

- **EPIRB:** Ocean Signal EPIRB 3 (2025)
- **Personal beacons:** 2 x AIS + DSC PLBs
- **Liferaft:** Offshore liferaft >24h autonomy (2026)
- **Guard rail:** Extra high guard rail with net
- **Anchor System:** 30 kg Bruce anchor with 60 metres of 10mm chain.
- **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 tailormade 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 gimballed 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"**.
- **Gaz:** external storage for two gas tanks

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)