

Specifications, KOOPMANS 48, Aluboot no 49

Boat: Koopmans 48, 1987, "Ellinor"	L: 14.50 m W: 4.00 m D: 1.35/2.70 m
Builder: Aluboot in Hindeloopen - Holland,	Depl: 15,5 tonnes, ballast: 8 tonnes (lead integrated in the lower part of the hull and sealed with epoxy)

Engine and bowthruster

Yanmar 100 HP, (2007), 650 hours

Max prop propeller (2007)

Cutlass bearing (2007)

Water lubricated propeller shaft (2007)

Flexible mounting engine – propeller shaft (2007).

Consumption: approx. 7 litres per hour. Speed: approx. 7,5 knots.

Rheinstrom 5 kW electric bowthruster

Mastervolt Whisper Generator 3,5 kw (2005)

Tankage

Diesel: 2 hull-integrated tanks of 300 plus 400 litres, Wema gauges. 1 day tank, s/s, 50 litres with electrical filling and manual backup pump.

Fresh water: 2 two aluminium hull-integrated of 300 plus 400 litres, Wema gauges (2004)

Black water: 120 litres (2004).

Hull, Deck and Cockpit

✓ **Hull**

- Aluminium. Round-bilged white with light blue striping, repainted in 2002
- Electric hydraulic operated centre board with 90 kg ballast
- Bottom epoxy treated 2005

✓ **Deck**

- Aluminium.
- New Awl Grip 2016
- Double wired stainless steel stanchions with opening ports on each side, Leacloth (2004).
- 5 dorades,
- Anchors: Spade 30kg, 15kg leight weight
- Deck wash pump
- Gangway
- Outboard bracket on pushpit

- Deck shower
- Wash down pump and hose
- ✓ **Cockpit**
 - Aluminium.
 - Repainted 2016.
 - Whitlock mechanical wheel steering on a custom made aluminium pedestal
 - Sprayhood (2015)
 - Bimini (2015)
 - Sunshades (2015)
 - Cockpit table, teak
 - 2 lazareths aft
 - Large cockpit locker aft of pedestal
- ✓ **Superstructure**
Aluminium.
- ✓ **Hatches and Port lights**
4 small and 5 large deck hatches. 8 opening port lights in superstructure and in cockpit. All Lewmar deck hatches and port lights refitted with new glass and Plexiglas in 2002

Akkommodation

Interior: Classic teak. Saloon + 3 cabins with a total of 7 berths. Ample headroom in all cabins.

Aft cabins: 2 mirrored cabins (port and starboard), each with a double berth, lockers, cupboard, enough light and ventilation through opening ports and deck hatches.

Forward cabin: 1 double berth to starboard, sofa to port. Extensive numbers of drawers and lockers. Huge deck hatch.

Peak: Large sails storage, watermaker and chain, accessed via forward head.

Fwd head: New Jabsco toilet (2015) with a 120 litres holding tank (2004). 4 lockers above and beneath the worktop. S/S washbowl (2011) and a single handled faucet. Shower with removable teak floor. Finish in white formica with teak trims.

Aft head (port): New Jabsco toilet (2015). 4 lockers above and beneath the worktop. S/S washbowl (2011) and a single handled faucet. Shower with removable teak floor. Finish in white formica with teak trims.

Saloon: U-shaped sofa to starboard and a straight sofa to port, both with cupboards and lockers behind and below.

Galley: U-shaped, forward-facing in front of companionway. Teak varnished worktop, 8 drawers, 1 dustbin. Double s/s sink, single handled faucet, hot and cold pressure water (2014). Foot operated fresh and saltwater backup pump (both 2004),

Refrigerator: Two large top opened s/s boxes, Isotherm (2015)

Hot water: Isotherm (2007), 36 litres s/s. Engine and 220 Volt AC heated

Cooker: SMEV, three burners with oven and grill, s/s (2004).

Gas detector: Vetus, with automatic shut off valve on gas bottle (2004).

Heating: Eberspächer D5 hot air heating system (2004) with outlets in every cabin. Automatic temperature control. Not used since 2005, needs an upgrade

Electrical equipment and Watermaker

Current: 12V, 24V and 220V shore power,

Batteries: 6 x 120 Ah, Sonnenschein gel, 24 Volt. 2x 50 Ah (2013), Optima 12 Volt (2008 and 2011) for engine and generator start.

Mastervolt hard and software:

- ✓ automatic battery charger, Mass 24/50 (2004) with Mastervolt charger control system for gel batteries and 2* Ctec for starter batteries
- ✓ battery monitoring system for both 12V and 24V (2004)
- ✓ Inverter, Mass Sine 24/1500, (2013)
- ✓ Isolation transformer 35 kW (2004),

Generator: Mastervolt Whisper 3,5 kw (2005)

Watermaker: Echo tech (2008)

Lewmar Commander 200, hydraulic power pack (2005)

Navigation

Cockpit

Pedestal:

- ✓ Magnetic compass, Sestrel
- ✓ Wind direction (360), B&G
- ✓ Wind direction magnified (0- 60), B&G
- ✓ Wind speed, B&G
- ✓ Centerboard lift and gauge
- ✓ B&G network navigator (GPS repeater)
- ✓ Depth, B&G

Autopilot Raymarine hydraulic (2009) plus one spare, P70 (2016)
Gauge and filling of day tank

Chart table

Depth Speed, Log, Wind: B&G Hydra 2000 in cockpit (repeater) at chart table and captains cabin,

GPS: Furuno GPS, Waas GPS (2011),

VHF: Sailor Compact RT2047 VHF (secondary VHF, Atis). Furuno RB 2721 VHF with Atis and DSC 25 W and separate speaker in cockpit (2004),

Weather: Navtex (2016)

AIS: Navtex (2015)

Radar: Furuno FCR 903 9.410 MHz range 36 NM

SSB: Icom IC 718 HF SSB transceiver 150W. Automatic antenna tuner (2004),

E-pirb: Jotron class II (2004),

Antenna: Sart Tron (2004)

Kommunic: Inmarsat C Sailor H 1622D-Sat-C transceiver (2004)

All equipment NMEA connected

Miscellaneous

- ✓ Several fenders and spare parts
- ✓ Clock and barometer
- ✓ Safe

Safety

- ✓ Nimbus life raft for 6 persons (last inspection 2004)
- ✓ Fire extinguishers: 2x 2 kg of 2004 + 2x 2kg (checked 2004)
- ✓ 1 manual and 1 electric bilge pump, Jabsco (2015d van).
- ✓ Emergency tiller.

Winches

Windlass: Electric Lofrans project 500 (2008) - operated from cockpit as well on fore deck

Cockpit

- ✓ Lewmar 55 primary winches, hydraulic *2 (Yankee)
- ✓ Lewmar 46, secondary winches *2 (Maim sheet, main out)
- ✓ Lewmar 43 secondary winches *2 (Jib)

Mast:

- ✓ Lewmar 40 *2
- ✓ Lewmar 30

All Lewmar 2-speed selftailing winches

Lewmar Commander 200, hydraulic power pack (2005)

Repainted (2016)

Rigging

Cutter-rigged sloop. New rigging 2005

Mast: Deck-stepped white aluminium, 2 spreaders. In mast hydraulic furling, Rondal Spriboom and boom.

Backstay and vang: Hydraulic backstay and vang, Navtec, pump in cockpit, s/s fittings

Sails

Genoa: Yankee, Doyle, Vectron (2015) on Rondal hydraulic furler (new 2007)
Staysail: Doyle, Vectron (2015) on Rondal hydraulic hydraulic furler (served 2007)
Main: Doyle, Vectron (2015) on Rondal hydraulic hydraulic furler (served 2007)

Spinnaker: Asymmetric, Hood (1987) with cocoon,

Lewmar tracks and cars for headsails sheets and mainsail traveller in front of companionway

Dinghy

Carib 8 (2014)
Mercury, 8 HP, 4 stroke (2012)

Upgrades, 2004 – 2016

2004

All electric wiring
All VVS
Mastervolt panel,
Mastervolt Inverter
Mastervolt Isolator
Sailor, Inmarsat C
Webasto heater (need upgrade)
ICOM 718 SSB
Furuno VHF
Glass on all windows, hatches and port lights
Awl grip on full exterior
All fabric

2005

Standing rigging
Blastering bottom. New EPOXI layer
Mastervolt Whisper Generator 3,5 KW
Lewmar Commander 200, hydraulic power pack
Hydraulic hoses
Spade anchor 30 kg
Spade anchor light weight (15kg) with kettle and leaded line
Measurer electric leaks
Towing generator (3-4 amps, 24V in 6 knots)
Day tank with gauge and manual filling
Racor filter
Ladder on transom
Stainless Steel battery boxes
Ancharolina 2 * 70 meter

2006
SSB antenna, ground plane Lewmar cars
2007
Yanmar 100 HP Max prop propeller Cutlass bearing Water lubricated propeller shaft Propeller shaft Isotherm water heater B&G Hydra 2000 All hydraulic serviced New hydraulic genoa furler New hydraulic switches Carbon filter for drinking water B&G log
2008
Raymarine hydraulic Autopilot *2 B&G in Captain's Cabin Lofrans project 500 Windlass Watermaker, Echo tech Gas bottles in composite
2010
FitPC, navigation computer Cockpit cushions
2011
GPS, Furuno Battery, Optima 50AH, Yanmar Screen, Dell 24' Electric airpump for the dinghy
2012
Mercury, 4 stroke, 8 HP
2013
Centerboard remounted , repaired and checked All hydraulic systems overhauled

Harbor lines
Sheets
Raymarine hydraulic autopilot motor
Mastervolt charger
Batteries, 360AH, 24V, Sonnenschein gel

2014

Warning system for all bilges compartment (*3)
Fresh water pump
Dinghy, Carib 8

2015

Sails (Yankee, jib and main, Vectron)
Main halyard
Hoisting halyard (long)
Awning. Sprayhood, bimini, sunsides
New turbo
Isotherm fridge
Stationary webb antenna with amplifier
WiFi, Bad Boy
Jabsco toilettes (2)
Jabsco bilge pump
Navtex AIS

2016

Navtex weather
Wind vane
Raymarine P70 autopilot control unit
Battery 50 AH Whisper
Black water pump, Vetus
Teak deck replaced with Awl Grip paint
Mast, boom and cockpit repainted