



# Alkemi

46' (13.72m) 1999 Malo 45  
Seattle Washington United States



## OVERVIEW

**\$350,000**

Manufacturer:	Malo	Hull Material:	Fiberglass
Engines:	1 Yanmar	Cruise Speed:	
Engine Model:	4JH2-UTE	Max Speed:	
Engine HP:	100	Cabins/Heads:	3 / 2
Beam:	13' 4"	Fuel Type:	Diesel
Max Draft:	6' 6"	Fuel:	108 G (408.82 L)
Water:	191 G (723.01 L)		



## Data Sheet

Category: Cruisers  
Condition: Used  
Model Year: 1999  
Beam: 13'4" (4.06m)  
Max Draft: 6' 6" (1.98m)  
LOA: 46' (14.02m)  
Cabins: 3  
Heads: 2

Fuel Type: Diesel  
Hull Material: Fiberglass

Displacement: 31000 lbs  
Fuel Tank: 108 gal (408.82 liters)  
Fresh Water: 191 gal (723.01 liters)  
Holding Tank: 40 gal (151.42 liters)  
HIN/IMO: MAL45105A999

## Engines/Generators

### Engine 1

Yanmar  
4JH2-UTE  
Inboard  
100HP  
74.57KW  
Fuel: Diesel  
Hours: 2785  
Year: 1999  
Location: Middle

## Summary/Description

This boat is for a very special buyer - one that wants to cross oceans....more appropriately Someone who wants to cross oceans now!

Alkemi has a track record of successful ocean crossings Atlantic Ocean, East Coast, Panama, French Polynesia, Hawaii Seattle.

Malo yachts have an excellent reputation and are the epitome of the much appreciated Scandinavian craftsmanship. With the sheltered and safe cockpit, comfortable sea kindly interior in all kinds of weather and a build quality such that they are considered to be one of the best blue water cruisers.

With a powerful 100 HP Yanmar and big bow thruster - she is easy to get in an out of tight windy places. With an easy to handle Solent rig and a flawless furling systems, all sails can be handled from cockpit.

Great Features and recent upgrades include:

- Powerful Bow Thruster
- 2 largest winches are Electric
- 3 x B&G Zeus Large Chart plotters (2020)
- B&G Hercules Autopilot with 5000 Motion Sensor
- Radar Halo20 (2024)
- CZONE & Comprehensive wiring upgrades (2020)
- HEATER - NEW 2024 Espar diesel - all cabins and heads
- Heads - both electric - Sea Water or Fresh Water
- Stereo - 24 V JBL power AMP and Fusion system connected to B&G
- includes XM radio, 24V JL Power AMP - and DEFINITY studio speakers
- Samsung LCD TV in cabin
- Lofrans 24 vdc anchor windlass (2020)
- 2 ICOM v50 VHF's on separate power supplies and antennas
- 2 ICOM portable radios
- SSB new in 2019
- B&G Wind( 2021) + Raymarine Wind. 2 wind direction and speed sensors - at masthead
- 2020 Highfield Tender with 9.8 Tohatsu Motor

Sails in great shape - Genoa new 2018 and serviced 2022, Solent new 2023, Main older, but serviced in 2022 Running rigging new 2021 Yanmar / Generator / Winches meticulously serviced per Manufacturer recommendations

## Vessel Description

"ALKEMI" is a fiberglass constructed aft cockpit cutter rigged sailing vessel with diesel auxiliary. She has a raked bow with bow thruster, fin keel, skeg-hung rudder, and reversed transom with molded boarding platform. She has an in-furling mainmast and auxiliary power is provided by a 100 Hp Yanmar marine turbo diesel. On deck, starting forward, is a stainless steel bow railing, Harken furling unit for jib, and recessed anchor locker with enclosed electric anchor windlass. Walking aft, there is a second furling unit for the staysail and a deck hatch that opens to the forward cabin. The cabin trunk is fitted with aluminum-framed acrylic deck hatches, dorade boxes, teak handholds, flexible solar panels

on top, and opening ports along the sides. The decks and cabintop surfaces have a teak overlay and there is a teak cap rail with lifeline stanchions mounted on top. All sail control lines lead aft to the cockpit. The cockpit is arranged with a pedestal-mounted wheel helm. The pedestal also supports engine throttle and gear controls, navigation electronics, and a folding cockpit table. Sail control lines lead back to the cockpit and are handled by jammer clutches and winches. The cockpit area is shielded by a wraparound windscreen and further aft is a fiberglass-covered stainless steel targa arch, then a stainless steel solar panel, and antenna arch over the transom area. The arches and windscreen support Sunbrella awnings. There is a wind generator on a stainless steel post located at the aft port corner. A centerline gate in the stern railing leads down to the molded boarding platform with built-in seats on each side and a centerline swing-down boarding ladder.

Down below, starting forward, is a private V-berth cabin, followed by an enclosed head to port and stand-alone enclosed shower to starboard. Walking aft, the main salon is arranged with U-shaped settee to port with leafed dining table that lowers and converts the settee in to a queen berth. Aft of the settee is a U-shaped galley with two-burner LPG stove with oven, top-loading reefer, and double stainless steel sink. There is a top-loading freezer under the aft outboard cushion of the dining settee. Opposite the settee to port are twin bucket seats on either side of a built-in cocktail table, and aft of this is a forward-facing navigation desk, followed by a second enclosed head. Aft of the head and galley are private quarter berth cabins. The engine compartment is located below the cockpit between each quarter berth cabin and is accessible by the swing-up companionway ladder, by removable panels on each side, or by a hatch in the cockpit well. The engine room also houses a diesel generator and a water maker.

## Vessel Construction

The hull, decks, and superstructures are constructed of solid and balsa-cored fiberglass reinforced plastic (FRP). The interior hull structures consist of bulkheads, frames, stringers, and built-ins. The ballast is encapsulated within the keel. The mast is deck stepped. The boat is built to Malo yachts factory specifications.

## Electrical System & Solar

Huge Bow Thruster

12 and 24 VDC

Battery system: (4) Lithium 300 AH Group 8D batteries for the 12 and 24 vdc electrical system.

Circuit isolation fuses, installation, circuit routing, and suspension: (1) CZone fuse modules with five relay boxes (seven fuses per box); main and branch circuits controlled via an iPad mounted at the navigation desk.

Charging: (2) Mastervolt 40 amp battery chargers; (2) 100 amp (est.) flexible solar panels; (4) 80 amp (est.) rigid solar panels; (1) Silentwind wind generator;

(3) MPPT charge controllers; (1) 12 vdc belt-driven alternator; (1) 24 vdc belt-driven alternator.

Battery monitoring: (1) Mastervolt digital battery monitor.

120 VAC:

Shore power: (1) 220 vac shore power inlet.

Shore power electrical cords: (1) 50' marine grade shore power cord.

## Generator

Make: (1) Panda 4000S Model PMS; KW rating: 3.6.

Fuel delivery system: Via main fuel tank.

Exhaust: Wet.

Cooling: Heat exchanger.

Mounting: In factory enclosure aft of main engine.

## **Air Conditioning**

Make and model: (1) Webasto FCF Platinum 16,000 BTU marine air conditioning unit.

## **Ground Tackle**

Anchors and rode:

(1) Rocna 33 Kg anchor with 300 feet of 3/8" diameter chain

(1) 15 lb claw anchor with addition chain and line for stern anchor.

(1) spare anchor - Fortress - Big - in bilge

(1) Windlass new 2020

Windlass: (1) Lofrans 24 vdc anchor windlass

## **Galley**

Stove: (1) Force 10 2-burner with oven.

Refrigeration: (2) Isotherm top-loading reefer boxes; (1) Isotherm top-loading freezer; (2) Isotherm water-cooled marine refrigeration units.

Sinks: Double under-mount stainless steel sink.

Counters: Corian counters.

## **Interior**

Finish: Mahogany.

Upholstery: Cloth.

Doors: Cabin and head doors, in good condition.

Sole: Hardwood.

Head fixtures: In good condition.

Lighting: LED overhead and bulkhead lighting throughout.

## **Safety Gear**

Life raft: (1) Viking RescYou 6-person in hard canister; raft mounted in cradle

on stern railing, raft recertification was due 7/2019.

EPIRB: (1) 406 MHZ EPIRB located in starboard quarter berth; battery expires 6/2022; NOAA registration expired 2/22/22.

Personal flotation devices (PFD's): (6) Type V (inflatable) and (4) Type I USCG approved adult PFD's.

Type IV throwable: (1) 24" orange life ring.

Visual distress signaling: (1) SOS light and day flag.

Man overboard recovery: Via stern ladder.

Searchlight: Hand held.

First aid kit:

## **Navigation and Communication**

VHF: (1) B&G fixed V-50 VHF with whip antenna and H-50 wireless handset;

(1) ICOM M-73 handheld VHF; (1) ICOM M-88 handheld VHF.

SSB: (1) ICOM IC-M802 with auto tuner and antenna.

Satellite phone: (1) Iridium Go satellite phone.

GPS: (2) B&G Zeus3 12" multifunction chartplotters.

Radar: (1) B&G broadband radar.

Navigation lights: Meets U.S. Coast Guard requirements.

Magnetic compass: (1) Plastimo 6".

Autopilot: B&G autopilot with two control heads.

Other instruments: (2) Raymarine ST-60 4" multifunction displays; (2)

Raymarine ST-60 wind direction and speed 4" displays; (1) Raymarine ST-60

speed 4" display; (1) Raymarine ST-60 depth 4" display; (1) Raymarine

heading sensor.

Sound signaling: Handheld air horn and brass bell.

Charts and publications: Extensive chart inventory.

B&G Wind new 2021+ Raymarine Wind There are 2 wind direction and speed sensors - on top of the mast

## Running Rigging

Spar: (1) Selden aluminum double swept spreader in-furling deck stepped main mast and aluminum Selden boom; 1x19 standing rigging with swaged terminal end fittings; the standing rigging was reportedly renewed in 2019 in Annapolis, Maryland.

Harken Mark III Unit 2.5 for the genoa and Harken Mark IV Unit 2 for the staysail; Seldon Rodkicker boom vang; boom brake; Harken blocks, tracks, and cars; sail control lines lead aft and are controlled by jammer clutches and winches in the cockpit; high modulus sheets and halyards, in serviceable condition.

## Sails

(1) Dacron roller furling genoa, sighted furled; (1) Dacron roller furling staysail, sighted furled; (1) Dacron roller furling mainsail, sighted furled

## Winches

Anderson two-speed self-tailing winches in the following sizes:

(2) #58; (1) #46; (4) #40.

## Spares

Spares include - yanmar starter motor - most every hose and belt - service parts for regular Yanmar and fischer panda for 4+ Services - many extra impellers for important pumps - most every fastener and clamp - electrical hardware - extensive - NEMA networking hardware - extensive - A/C water pump - bilge pump - bow thruster solenoid - buttons for all Anderson electric winches - every anode onboard - a few times - 3 spare CZone circuits wired - every running rigging has at least one spare - 40 meters of 8 mm dyneema

## Safety

Jack lines both sides Pad-eyes around cockpit Lanyards - 3 Storm sail - under master bed Drouge - under master bed

## Cruising Arch, Solar and Dinghy

Stainless Arch and Solar

- Boat has heavy duty stainless steel cruising arch to support Dinghy
- Solar - 4 150 AMP Solana Panels on rear arch

Dinghy

- Dinghy Highfield new 2020 - not used much in great almost new shape
- Dinghy OUTBOARD motor - 2 stroke 9.8 HP Tohatsu with spare prop.

- Light and easy to mount on rear rail with a 4:1 purchase lift
- Dinghy on plane with 4 ppl.
- Solar - 4 150 AMP Solana Panels on rear arch

## Disclaimer

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