

Trimaran Norman Cross 42 »MINDELO« for sale by owners for 82'500 USD. Currently located in Tahiti with plans to sail further west, location for selling is negotiable (FP, Tonga, Fiji, Australia, NZ or others).

Mindelo is an extremely well-built ketch rigged Norman Cross MK2 Trimaran (single aft cabin design) with three double berths in total. He is equipped for off-grid liveaboard, with 550W of solar and a watermaker.

The current owners sailed more than 11'000nm in which Mindelo proved its safety and performance in various conditions, hosting up to six people in total for several weeks and on one occasion 20 people for a day-trip. Mindelo can be sailed single-handed easily and is a fast cruising boat, but not a high performance trimaran. The current owners usually sail with a cruising speed between 6 to 8 knots and a top speed of 12 knots. The performance in light wind is very good, reaching 3.5 knots in 5 knots of true wind. A fin keel keeps the boat on track and results in minimal drift tacking against wind.

Mindelo (previous Cherokee) was built in 1983 to Norman Cross standards, double diagonal marine plywood planks were cold molded in West System Epoxy and glass. Last survey made in 2023 in California.

Excellent running 50HP Perkins 4.108 with 2000 working hours, straight drive line and folding propeller. Newer sails and running rigging, main mast has new Dynema Rigging (2024). Stack Pack sail covers with lazy jacks, jiffy reefing mainsail, rolling fuller Genoa with UV Cover. New 400Ah AGM Batteries (2024) and 550W of Solar (2023), 12V Katadyn watermaker (2023), radar, autopilot, wind vane (2023) and Raymarine navigation Instruments. Comes with two Dinghies (12' westmarine inflatable and Sabot sailing dinghy). Amas (floaters) offer massive storage but shouldn't be loaded with too much weight to avoid loss in performance.

The current owners sailed Mindelo for two years, from California via Panama to French Polynesia. See „Exploratio-mundi“ on youtube for several videos of the journey. The owners are now selling as they come to the end of their sabbatical period and will resume work. The previous owners had Mindelo in a marina in Long Beach California for 13 years and had a lot of professional work done. They used the boat for weekend trips to the Catalina islands and some longer trips to north of Mexico.

Mindelo is ready to cross oceans, but to look sharp again he needs fresh paint on the hulls above waterline (currently 10 years old AWL GRIP failing on several spots).

Hull and Deck

LOA: 42 feet, BEAM: 23.9 feet, DRAFT: 4 feet

Extremely spacious deck offers space for our extra dinghy, always inflated SUPs, an area to exercise or invite up to 20 people for a daysail. Central Cockpit with hard dodger and canvas extensions gives a lot of safety plus sun protection and can be fully enclosed for harsh weather. The deck is finished in nonskid FRP and AWL Grip paint (snow white).

Three stainless steel bow pulpits and full railing, two Davids on Stb for Dinghy, four clamps on each ama and four in total on main hull.

There are three thru-hulls below waterline, all ball type and in good conditions. Paint on deck is in good conditions but sun and water exposed parts of above waterline paint on hulls is failing in various spots and has to be renewed.

Rigging

Two deck stepped aluminum masts, freshly painted main mast (2023, AWL GRIP) with Dynema standing Rigging (2023) made out of 12mm (upper shrouds) and 10mm (lower shrouds) Liros D-Pro Static. To protect the Dynema from abrasion and sun they are all fully covered in abrasion sleeves. Forestay 8mm 1*19 stainless steel wire (2023). Four new chainplates (2024) for upper shrouds mainmast, from 316 stainless steel.

Mizzen mast with 7mm 1*19mm stainless steel wire (age unknown but regularly inspected). All halyards and reef lines are operated with Maxwell winches on the masts.

Sails

Quantum triradial fully battend race mainsail (very good condition), genoa on rolling furler with UV protection (good condition) and mizzen sail (ok condition).

One big spinnaker in hoisting sock (good condition), medium spinnaker (excellent condition) in hoisting sock, and genaker (good condition). Storm jib (set up as staysail, without track for rolling furler).

Interior layout

Aft cabin with double bed and storage underneath bed and in shelves. Large hatch, two openable small windows and solar fan.

Main cabin consists of: galley with stove, double sink, lockers and two fridges; nav station and electric panel; two double wing berths with plenty of storage; dining table for four (converts into spacious sofa); lounge; toilet with hanging locker; and workshop with lots of storage (could be converted into an extra cabin). Main cabin has two large and one small hatches and two deck vents with dorade box.

Amas have seven hatches, which is very convenient for organising storage.

Winches

Two new #50 Andersen winches and several Maxwell winches as followed: two #14, three #16, three #20, one #23, one # 26 and two #28.

All winches are regularly inspected and maintained.

Steering

Hanged rudder on bronze rudder post connected to leather wrapped stainless steel steering wheel with new stainless steel cables and chain.

Linear drive electric autopilot from Raymarine and excellent working self-steering wind vane „pacific“ from wind pilot (2023).

Propulsion and Machinery

The legendary 50HP Perkins 4.108 served the current owners as a very reliable and powerful engine. With 1800rpm the boat gets pushed up to 7kn and consumption is around 3L/hour. Last big overhaul in March 2021.

Drive line is a straight 1 inch stainless steel shaft passing through a drip free shaft seal (PSS) and ending on a 3 bladed folding propeller (Martec slipstream S5).

Racor fuel filter with water separation between tank and engine.

All services (oil change, filters, cooling liquid,...) are done on the recommended time intervals. The engine compartment is located under a lifting hatch in the cockpit, offering excellent space to access the engine from all sides.

Electronic System

12V DC and 110V AC system (when connected with shore power).

The electrical system is set up to offer full independency, in two years cruising the owners relied only twice on the diesels alternator to keep the batteries charged. This was after several days of overcast weather. All battery charge controllers and monitors are lithium ready.

Two 200Ah deep cycle AGM house batteries and one 100Ah AGM starter battery located in the bilge. All batteries replaced in 2024.

When connected to shore power, a Pro Mariner Pro Nautic12.30P controller charges the batteries, the various 110V outlets have power and the fridge can be changed to 110V operation.

Out of the marina four 100 Watts solar panels on the railing and two 75 Watts panels on dodger keep the batteries level. Solar panels are connected with two separate Wanderer charge controllers to battery, offering more efficiency and redundancy.

With the engine running, a Balmar 75Amps alternator charges the house batteries with a Balmar charge controller. A separate Balmar charge controller keeps the starter battery level, powered from the house batteries.

Two inverters, one 500 Watt 110V inverter from Bestek and a 150 Watt 220V inverter, power small household devices when not connected to shore power.

A Xantrex Digital Battery meter keeps track of the consumption and state of the batteries.

Navigation Instruments

All navigation instruments are from Raymarine: C140W Chartplotter (Charts downloaded only for US territories) at helm and C90W inside main cabin. One Display with wind angle and speed indicator, one multifunction display and one autopilot control. Raymarine RD424D 24" Radar and a linear drive autopilot. Em-trak B100AIS Class B transceiver. Three VHF Radios, one IC-M424G with antenna on railing, one Standard Horizon GX1600 with antenna in masttop and one handheld radio from west marine.

B744 through hull multisensor for depth, speed and water temperature, connected with a DSM30. Plastimo Contest 5" spherical magnetic compass with red background light.

Tricolour, anchor and strobe light in masttop, wind instruments in masttop, steam lights on main hull pulpits. Deck light on main mast (not working) and on mizzen.

Independent Garmin fish finder Striker with separate transducer and GPS.

Further Electronics

All 12V consumers are controlled using a centralised switch board.

Watermaker Power Survivor 40E from Katadyn (2023) with two prefilters and a feeding pump. Its the smallest and most quiet watermaker on the market. It produces six litres of fresh water per hour and draws less than 5 Amps. In an emergency this watermaker can be operated by hand.

All cabin lights are LED, LED strings with warm light in bathroom, kitchen and aft cabin added 2023. Three fixed marine fans from Bora and two portable fans from Koonie (2023).

USB chargers in main cabine, cockpit and aft cabine (2023).

Jabsco freshwater pump and Macerator pump.

Westmarine WM 4000 stereo with two speakers in cockpit.

1500W cabin electric heater Honeywell from Intertech.

Tanks

All Tanks are located in the bilge of the main hull and can be inspected by lifting floorboards.

One Aluminium Diesel Tank with 40 Gallons (150 litres) capacity and Racor fuel filter. 3/8" fuel line USCG Type A-1 Rubber.

Two polyethylene water tanks of a total capacity of 50 Gallons (190 litres) with individual shut offs.

One polyethylene 20 litres tank for drinking water

One polyethylene blackwater tank with 20 Gallons capacity (75 litres) emptied using a macerator pump (fix installed manual pump as backup)

Sanitary

One manual Jabsco toilet normal size (2023) and fresh water tab in head. Saltwater, freshwater and drinking water tab in galley. Saltwater tap operated with foot pump, drinking water tab with hand pump.

One deck shower (2023) installed on the port side of the cockpit, allowing showering on the open deck or enclosed in the cockpit.

Safety

Norman Cross Designs are known for being very safe open ocean boats. The big volume of the amas and the ketch rig make a capsizes extremely unlikely. The owners sailed Mindelo with reefed sails against winds gusting up to 35 knots feeling very safe and experiencing minimal heeling.

The amas and the main hull consist of three separate compartments each. There are three electric bilge pumps, one each in the aft cabin, engine compartment and main cabin. One powerful manual operated bilge pump with a long hose can be moved to where ever needed.

Fire extinguishers: five ABC dry chemical extinguishers, two 2.5kg, two 2kg and one 5 kg. One 4kg 1301 Halon fixed automatic extinguisher in engine compartment.

Life jackets: 10 Type II, four type III and two type V

4 Harnesses with emergency strobe light

One throwable buoy with strobe light and flag on tall pole, one horseshoe and one Lifesling II.

2 canned air signal horns and battery powered hand held search light.

EPIRB Global Fix Pro RLB-37, many hand flares and 4 Orion 12 Gauge HP areal flares (2023) with flare gun and 4 Skyblazer hand launched areal flares.
Complete first aid kit

Galley

Three flamed Princess P43 propane stove with electric remote shut off, two separate propane lockers. Oven is not working, a Omnia stovetop „oven“ serves as temporary replacement.

Fully equipped kitchen, the owners spent two years cruising and prepared nearly all meals on board, for up to 6 people, the kitchen is equipped accordingly.

One 12V Isotherm cruise elegance fridge with small freezer (24V, 110V and 220V ready) and one 12V fridge Nova Kool LT201 with small freezer.

Ground Tackle

15 kg Rocna ancor, new 100 foot 8mm G4 Chain (2023) and 200 foot three stranded line. Bridle connects chain to massive Hardware on amas.

Lewmar Pro Series windlass with up and down control on deck.

Second Anchor is a Danforth with 4m of chain and 100m of three stranded line

Other

Service Kit for water maker and Jabsco toilet pump, plenty of D-Pro Static Dynema 12mm, 10mm, 5mm and 2mm.

Various tools, spare parts, epoxy, fiberglass,...

Top climber mast chair for climbing the mast without support.

Canvas cover for mast and winches

manuals for most gear on board

6HP Johnson 2-Stroke outboard