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# **NEW BUILD - Mumby 48 Performance Alloy Sailing Catamaran**



# **Listing ID - 4761**

**Description** Mumby 48 Performance Alloy Sailing

Catamaran

Date Built to Order

Launched

**Length** 14.63m (48ft)

**Beam** 7.5m (24ft 7in)

**Draft** 0.9m (2ft 11in)

**Location** Cambodia

**Broker** Franklin Taylor

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**Price** USD 460,000

Price Notes Build Time 14 months from date of

contract signing.

LOA: 14.6m/48ft LWL: 14.4m/47ft Beam: 7.4m/ 24.3ft

BWL: 1.176m/3.85ft - hull waterline beam

Hull Draught: 0.55m/1.8ft

Kick up rudders down: 0.720m/2.4ft

Draught with dagger board dow:n 1.8m/5.9ft

Light displacement: 6.100kg

Designed cruising displacement: 7.400kg Max displacement for performance: 8.700kg Bridge deck clearance at: 7.4 tons 0.89m/2.92ft

MCT 180 kg per cm. Moment to trim.

Hull Wetted surface area including rudders 38.4 sq metre.

LCB 7.732meters aft from waterline.

Total drag at 9kts 278kg

Effective power required 29 hp

Engines 2 x 30hp shaft drive with folding propellers

Water tanks: 2x at 250L- 400L customizable

Fuel tanks: 2x at 185L and 470L. A total range of 1960\*nm at 6kt one eng or 1000\* at 8kts 2 eng

Mast: 18.5m/61ft.. Air draught 21m/69ft

Boom: 6.2m/20.4ft

Sail area main 76sqm; Genoa 48sqm; Spinnaker 145sqm; staysail/storm 10 / 6 sqm; Screecher 90sqm

Winches. Primary 2pc x 52 st2sp. [Trims 62st2sp] main sheet, furling line 2pc x.52st2sp. on mast halyards reefing lines 3pc x 42 2sp.

Hulls are 4mm 5083 aluminium. cabin top, decks are 3mm 5083 aluminium.

\*Our average day run on "Trim" after the last 32000 n miles {circumnavigation via south Africa} was 238 miles / 24 hours. top speed reached a few times was 22kts.

#### **Structural**

Hull, Bulkheads, Main Deck, Superstructure constructed using certified (DNV or similar class) marine grade 5083 aluminum.

Designed by Tim Mumby.

Propeller Shaft Stern Tube

Rudder Shaft Tube

Fully welded Thru hulls for S/W cooling and ancillary supply

Overboard discharges integral, welded

Davit to launch and retrieve tender

### Mast and rig

AllYacht Spars mast, boom, rigging, running rigging and halyards.

AllYacht Spars Headsail foils package.

Mainsail traveller system Deck Layout and Gear: 3 m radial track

behind cockpit with Lewmar or similar mainsheet traveller and 2 x

40ST self-tailing winches.

Primary winches 2 x 46ST. Mast winches 2 x 40ST. Halyards, outhaul

etc are also handled at the base of the mast. Roller furling on jib.

Standard Lewmar or similar deck equipment fitted for jib and screecher

furling.

Aluminum forward beam.

Aluminum pulpit and pushpit rails

Heavy Duty PVC Mesh (10mm sqaures)Trampoline

## Sails

Mainsail Offshore Fully Batten
Measurements TBA: Area 79 m2
10 oz US Dacron Crosscut with Twin Ply Leech
Webbing on batten pockets both sides
3 reefs, flying foot, Overhead Leechline
PNP Batten Receptacles included
Battens and Battcars included

Furling Headsail Offshore Measurements TBA : Area 48 m2 10 oz US Dacron Crosscut UV Cover Sunbrella Luff Foam

Asymmetric Spinnaker Offshore Measurements TBA : Area 145 m2 1.5 oz Nylon FullRadial Cut Spinnaker Sock included 3 Colours included Stand Sailbag

Staysail Offshore 10 m2 / 6 m2 with hanks on 10 oz Dacron Storm Orange Crosscut

# **Hull Finishing**

Primer- Epoxy- Maestria, 2 coats interior & exterior

Fairing Compound

Paint- Enamel, Maestria, 2 coats, yacht finish

Antifouling paint Jotun 2 coats

Zincs- Bolt on Type- 4 Minimum

Saloon Door to Cockpit- Weatherproof hinged aluminum commercial door with Window - Seamac

Windshields- 10 mm clear safety glass

Windows- tempered 6mm glass tinted 4 opening in Salon, storm covers

Window Screens on all opening windows in salon

Deck hatches built per plans or Lewmar or similar manufacture

## Tanks, Piping & Pumps

Calorifier- immersion heater?

Grey water Tank - 200 Gal Fiberglass

Sewage Tank - 60L aluminum

Fresh Water Tanks 2 - aluminum 500L Total

Diesel Fuel Tanks - 2 at 185L and 470L

Diesel Fuel Piping

Fresh water piping and fittings

Shore Water Supply Fitting

Accumulator Pressure Tank

Salt Water piping PVC/drains

Through hull fittings - welded aluminum

Seacock Valves - Marelon

Sea Strainers

Check Valves

Tank Vents

Tank Fill Plate s/piping

Tank monitoring system BEP Marine

Hydraulic Steering Lines/helm pump, Seafirst

Bilge Pumping- Manual Amazon

Bilge pumps-electric with float switches and control panel, Jabsco

Salt Water washdown Pump, Jabsco

Shower Drain Pump with Float Switch, Rule

Fresh water Pressure Pump, Jabsco 38LPM, accumulator tank

Grey Water Discharge Pump with Y-Valve

Waste Macerator/Discharge Pump with Y-Valve

Waste Piping, low odor

Waste pump-out fitting

#### Mechanical

Propeller- 2 or 3 blade – Gori or similar folding x 2

Propeller Shaft Coupling x 2

Propeller Shaft- 38mm minimum 316 L standard SAE Taper x 2

Cutlass Bearings, Johnson x 2 sets

Dripless Shaft Seal, Duramax or Deep Sea x 2

Spur Line Cutter on Propeller Shafts

Main Diesel Propulsion 2 x FNM 13HPE 40HP@4,000rpm

Marine gear 2 x Hurth ZF or Technomarine

Main Engine Exhaust Pipes

Engine Space Ventilation Blowers - 1 inlet, 1 exhaust

Main Engine Mufflers - Halyard or similar

Parts Locker

Rudders - per plan

Rudder Stock- S/S 316L

Rudder Stock Packing Box

Rudder Bearing/Upper

Rudder Bearing/Lower

Steering per plan

**Battery Ventilation System** 

**Engine Room Ventilation Ducts** 

**Engine Room Soundproofing** 

#### **Electrical**

DC-AC Inverter/Charger-Victron 3000W

SOLAR PANELS - 8 Panels at 365W each. 2880 watts

Mechanical Engine Starting Battery- 2 x 8D Lifeline

House Batteries- 6 x 8D Lifeline

Battery Boxes with Covers for all battery sets

**Battery Switches** 

Power management system and battery monitoring, Victron

50 Amp Shore Power Cord Reel,

Electrical Wiring- Tinned Copper- Marine

Grade- Ancor- color coded per ABYC

Electrical Panel 230/120 VAC / 24VDC with Ammeters & Voltmeters

Lighting System Wiring 12 VDC

Light Fixtures- Quartz Ceiling/LED

Light Fixtures- Fluorescent LED

Light Fixtures- Weatherproof LED

Light Fixtures- Courtesy LED

Light Fixtures- Reading Lights LED

Sockets 230/120 VAC in each cabin & Passageway

Sockets 12 VDC- Cockpit and Saloon

Light Switches- Wall type for cabin & exterior lighting

PVC Conduit for all power wiring

Radio/TV Wiring

**Engine Alarm System** 

#### **Electronics**

Client Supply

## Main Deck Equipment

12VDC Windlass/Capstan with local control at Bow

Waterproof hatch for Dual Chain Locker

Bow Roller, Anchor 60lb CQR, chain 3/8" High Test, rope 3/4" Hawse Plates

Stainless Steel Bollard

Mooring cleats welded on aluminum

Vents

Escape/Ventilation Hatch- Lewmar or similar

Handrails- Welded 32mm aluminum with 38mm Stanchions H/C Fresh Water Cockpit Shower

Salt/Fresh Water Washdown Taps- Bow & Stern

Deck Filler Fresh Water- Port & Starboard

Deck Filler Diesel Fuel- Port & Starboard

# **Cockpit Equipment**

Navigation Anchor Lights

Red/Green Side lights

Mast head light

Flood lighting on mast

**Engine Instrument Panel** 

Stainless Steel Destroyer type steering wheel

Engine Throttle/Transmission Controls- Cable, Morse, twin engine

Engine Tachometer – Digital / Analogue

**Engine Water Temperature** 

**Engine Oil Pressure** 

**Engine Oil Temperature** 

**Engine Ammeter** 

**Engine Hour Meter** 

Compass- Binnacle Mount

Rudder Angle Indicator

Pilot's Seat

Passenger Seat

Dinette Seating /Storage

Pedestal Table

Gear Lockers

Access Ladder- Stainless & Teak Air Horn with compressor Rigging for Flags Welded aluminum Railings

#### **Interior Finish**

Marine plywood or Nidacore subfloor- painted Composite panel for walls and ceilings Solid timber – Trim Floor coverings Cork Flooring – Galley GRP moldings for heads/bathroom Interior Doors & quality hardware Upholstery/Cushions

#### Galley

Refrigerator/freezer standalone 10 cu ft Chest freezer 3-Burner ceramic cook top electric/gas 230/120 VAC Outlet, 4 gang Convection/Microwave oven Corian or other Galley Counter Base Cabinets Galley Overhead Cupboards Stainless Steel Double Sink Faucet with pull-out sprayer Cutting Board

## Saloon/Lounge

L-Shaped Dinette Table- Converts to Bed Seating as per plan Safety grab bars, fiddles placed at practical places Radio/TV Outlet 230/120 VAC Outlet, 2 gang

## **Master Stateroom**

Bed Frame- Queen size

Hanging lockers lined, with shelf & light
Bedside Table
Chest of drawers
230/120 VAC Outlet
Reading lights
Recessed Overhead LED lights with wall switch
Radio/TV Outlet

# Forward Cabin [port and starboard]

Double bed Hanging lockers- lined with shelf & light Desk/drawer unit 230/120 VAC Outlet Reading light
Recessed Overhead LED lights with wall switch
Radio/TV Outlet

#### Heads

Porcelain Electric head, Tecma [household size]
Shower
GRP Vanity with Corian or other countertop & S/S sink
Medicine Cabinet with Mirror & Storage
Ventilation Blower
Shower Faucet
Shower Head
Shower Curtain
Soap Dish / Toothbrush Holder
Towel Rod to Handrail Strength

# **Engine Room**

Soundproofing
Perforated Stainless or Aluminum wall sheathing
Aluminum Checker plate Flooring
Fluorescent lights with wall switch
230/120 VAC Outlet, 2 gang

# **Safety Equipment**

Fire Extinguishers

# **Additional**

Electrical and mechanical drawings plus vessel manual







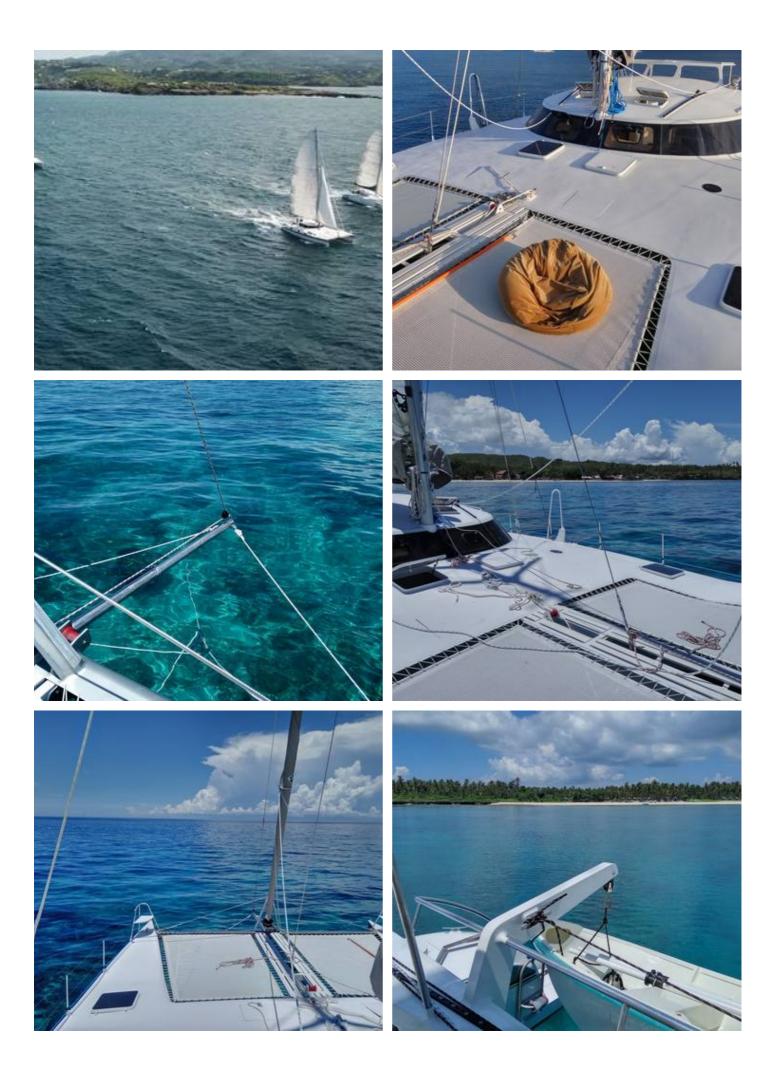




































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