



## 2015 Bieker 53' “Fujin”

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or scheduling a showing?

Please reach out to [connor@usmmasailing.org](mailto:connor@usmmasailing.org)



# Bieker 53' *Fujin*

The B53 is a high-performance carbon catamaran built for speed, strength, and versatility. Its resin-infused carbon/epoxy construction ensures lightweight durability, while innovative bow shapes reduce windage and boost lift. Designed for racing but equally enjoyable for cruising, Fujin—named after the Japanese Wind God—embodies the B53's cutting-edge performance and sleek design.

**Length Overall (LOA):** 16.33m (53ft 7in)  
**Length Waterline (LWL):** 16.17m (53ft 1in)  
**Beam Overall:** 8.00m (26ft 3in)  
**Draught:** 0.40m–3.00m (1ft 4in–9ft 10in)  
**Mast Height:** 23.00m (75ft 6in)

## Sail Areas:

Mainsail: 108m<sup>2</sup> (1,162ft<sup>2</sup>)  
Jib: 46m<sup>2</sup> (495ft<sup>2</sup>)  
Asymmetric: 197m<sup>2</sup> (2,120ft<sup>2</sup>)

**Diesel Capacity:** 380L (64gal)  
**Water Capacity:** 500L (110gal)

## Electronics

Fujin is equipped with a full B&G H5000 racing suite, including radar, AIS, GPS, autopilot, and a Sea Zone 10 navigation computer. The system is supported by dedicated displays for all key crew positions and provides detailed performance and navigation data over an internal Wi-Fi network.

## Mechanical & Propulsion

- Engines: (2) Yanmar 3YM30AE diesels
- HP: 40 HP each
- Drive: Direct drive
- Mounts: Adjustable on carbon stringers
- Oil Change System: Reverso 24V lube transfer pump
- Exhaust: Raw water cooled, carbon risers and mufflers
- Throttle/Shift: Mechanical levers
- Tool Storage: 2x Craftsman toolboxes in engine room

## Fuel & Water Systems

- Fuel Type: Diesel
- Fuel Capacity: 150 gallons (3 composite tanks)
- Water Capacity: 44 gallons (poly tanks)
- Holding Tank: 40 gallons
- Water Heater: Marine grade 120V
- Watermaker: Spectra Ventura 200T



## Construction:

- Carbon fiber sandwich with Nomex honeycomb core
- Corecell foam in high-load areas
- Epoxied hull-to-deck joint
- Carbon daggerboards
- Carbon Pelican striker and structural framing

## Interior & Accommodations

- Cabins: 4 (including master stateroom with ensuite)
- Heads: 2 (Dometic electric)
- Salon: Sectional sofa (port), dinette (starboard)
- Flooring: Teak in galley, dinette, and heads
- HVAC: 16,000 BTU DC dual-mode variable HVAC system
- Heating: Reverse cycle via Marine Air units

## Galley Equipment

- Refrigeration: Vittrifrigo fridge/freezer + chest freezer
- Cooktop: Two-position induction
- Microwave/Oven: Breville Inverter Air Fryer
- Sink: Stainless steel in galley and heads



## Electrical Systems

- DC Power: 12V system
- Battery Bank: (2) Lithionics 150Ah 24V + advanced BMS
- Charging: Dual 175A alternators + 680W Solbian solar
- AC Power: 120V via Victron Multiplus 2000W inverter/charger
- Switching: CZone digital
- Galvanic Isolation: Fail-Safe GI-30A

## Navigation & Electronics

- Systems: B&G H5000 full racing suite
- Displays: 7 dedicated multifunction displays
- Radar: B&G
- AIS: B&G AIS 700
- Autopilot: Dual B&G heads with rams
- GPS/Chartplotter: B&G
- Computer: Sea Zone 10 + Dell laptop
- Satellite Comms: Thales Vesselink 750 kbps system
- Cellular: Integrated system
- Wi-Fi: Internal network for phones/tablets

## Steering & Deck Hardware

- Steering: Dual helm, carbon mechanical chain/cable
- Rudders: Carbon construction
- Traveler: Harken mainsheet traveler
- Winches: 6 total – Electric, 3-speed, carbon
- Line Handling: Color-coded braided halyards, serviceable sheets, clutches, blocks
- Roller Furling: Facnor 15T with halyard lock
- Handrails/Lifelines: Carbon rails, Spectra lifelines, SS stanchions

## Ground Tackle

- Anchors:
  - 145 lb stainless steel plow
  - Aluminum Danforth
- Rode: 1/2" SS chain + 12-strand poly backing
- Windlass: Lewmar 12V

## Tender

- Type: Rigid aluminum-bottom inflatable RIB
- Year: 2015
- Engine: Yamaha 20 HP four-stroke

## Sail Inventory (North Sails)

- Main (2022): 3Di ENDURANCE 780 Square Top
- Jib (2022): 3Di ENDURANCE 780 Solent
- Code 0 (2022): 3Di ENDURANCE 780 Furling Helix 120% Genoa
- A3 Spinnaker (2021): 3Di Downwind 700 Code 65
- A2 Spinnaker (2020): MAXIKOTE 200-150 Asymmetric
- Staysail (2016): North Staysail
- Older Backup Sails: 2017–2018 spares in serviceable condition





