

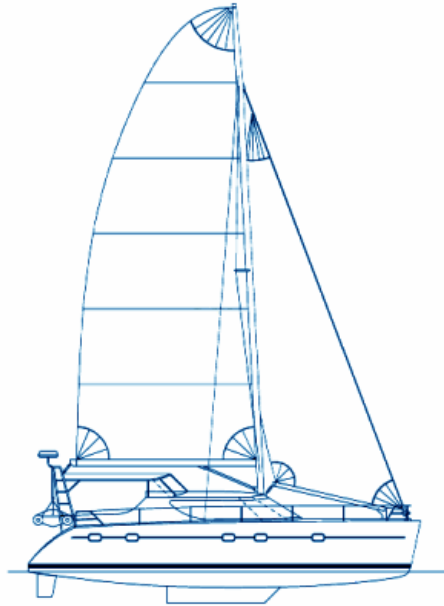
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Superior Yachts with Breakthrough Technology **FastWater 50 SailCat**



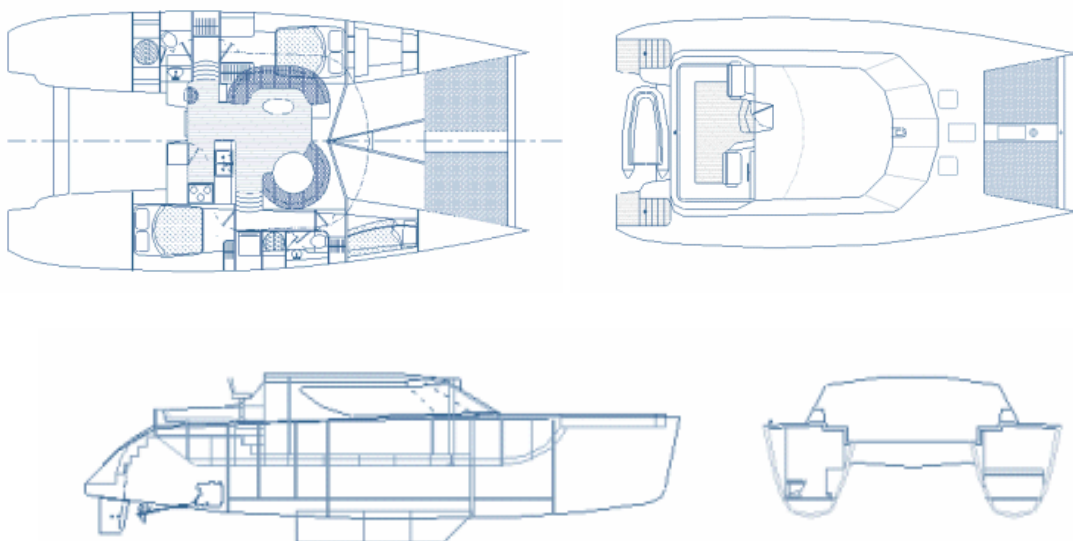
Specifications

Length Overall	50' 0" – 15.28m
Length Waterline	48' 6" – 14.81m
Beam, Max	25' 0" – 7.65m
Draft	4' 0" – 1.22m
Displacement (Half Load)*	25,775 lb.- 11,716Kg.
Sail Area (Actual)	1,435 sq. ft.
Main	1,000 sq. ft.
Jib	435 sq. ft.
Mast Height Above DWL	72' 0" – 21.98m
Sail Area / Disp. Ratio	26.4
Displacement/Length Ratio	101
Hull L/B Ratio	11.0
Bridge Deck Clearance	2' 10" - .865m
Fuel Capacity	200 gal. US – 800Litres
Water Capacity	200 gal. US – 800Litres
Waste Capacity	80 gal. US – 320Litres
Engines: Twin	56 hp Yanmar™ 4JH3E

Eurotech Design's FastWater™ 50 SailCat was designed to offer a high strength blue water cruising catamaran that can provide the speed, comfort, and safety required for extensive offshore passages. She is intended for both experienced sailors and new comers alike who are in search of a yacht that will compliment their active life styles. The protected cockpit offers excellent visibility while the interior focuses on the needs of one couple with room for guests and children.

The hull shapes have been developed for performance, safety and sea kindliness. Each hull features a long waterline with a narrow waterline beam for efficiency, and a fine entry forward with broad stern for speed and reduced pitching in a seaway. The generous overall beam provides the stability required for offshore sailing, without limiting the ability to fit into marinas. The bridgedeck between the hulls offers excellent clearance above the water and is v-shaped in order to minimize impact with waves. The topsides are flared to keep the deck dry and to increase the interior volume for living accommodations. The sheer and cabin house profiles have been kept clean and simple for a long sleek look and to minimize weight. Each hull is outfitted with a high lift balanced rudder, and high lift shallow fin keel eliminating the need for complicated dagger boards which would otherwise interfere with the interior layout. The keels are hollow with the forward and aft sections sealed off with collision bulkheads ,creating a centrally located bilge sump in each hull for the collection of bilge water. The twin 56hp diesels with three blade feathering propellers offer fast motoring speeds, and precise control with the standard bowthruster and electronic shift/throttle engine controls. The sail plan consists of a high performance fractional sloop rig featuring the EuroTech *Soloboom*™ roller furling, self tacking jib, with all controls leading to a self tailing electric winch at the helm for true single handed sailing.

The hull and deck of the FastWater 50 SailCat have been designed for strength and lightweight utilizing EuroTech's *FastForm*™ computer aided solid sheet aluminum construction technique, *Alustar*™ 5059 alloy and *CeRam-Kote*™ protective coating. The internal structure consists of aluminum longitudinal stringers and aluminum ring frames with honeycomb-cored fiberglass center sectioned bulkheads. The entire hull and deck are insulated for thermal and acoustic considerations. The interior structural soles and bulkheads are of honeycomb cored fiberglass sandwich construction and the interior joiner work is a combination of lightweight wood veneered panels with hardwood trim. This method of hybrid construction offers light weight,. with high strength, and when combined with EuroTech's *SemTech*™ (systems, equipment & materials) advanced outfitting technology provides a seaworthy vessel that is truly easy to maintain and operate.



Construction

- Hull and deck constructed of *Alustar*[™] 5059 aluminum alloy, utilizing *SailTech FastForm*[™] construction method.
- All aluminum surfaces interior and exterior hull coated with *CeRam-Kote*[™].
- High gloss polyurethane topcoat on all hull and deck surfaces.
- Silica nonskid incorporated into *CeRam-Kote*[™] on horizontal deck surfaces.
- Internal structure consisting of longitudinal stringers bonded with advanced epoxy and methacrylate adhesives, and welded aluminum ring frames, with honeycomb cored composite center sections.
- Entire hull and deck is insulated for thermal and acoustic considerations.
- Watertight crash bulkheads/compartments in the bow of each hull and keels.
- Interior of all deck and anchor lockers coated with polyurethane protective lining.
- Twin aluminum spade rudders.
- Aluminum rudder shafts with *PYT*[™] bearings.
- Antifouling paint below waterline and running gear.
- Flush mounted hull zincs
- 10-year structural warranty.
- Construction in accordance with *ABYC*.
- Factory rigging and commissioning.

Mechanical

- Twin 56hp *Yanmar*[™] marine diesel engines with C-type engine panels.
- *PYT*[™] flexible couplers, engine mounts, and dripless stuffing boxes.
- Stainless steel propeller shafts, with *Spurs*[™] weed/line cutters.
- *Max Prop*[™] three-blade feathering propellers.
- Two *Powerline*[™] 120amp alternators with 3 step reg. and temp. sensing.
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Mechanical Con't

- Two *Reverso*[™] oil change pumps.
- *Puratec*[™] fuel purification system.
- *Groco Hydromatic*[™] seawater intake/strainer system.
- Twin single lever *Glendinning*[™] electronic engine shift/throttle.
- Engine rooms exhaust blowers.
- Engine spare parts and workshop manual.
- *Whitlock*[™] mechanical steering system.
- Independent aluminum baffled fuel tank with inspection ports, *CeRam-Kote*[™] coating, and level gauge.
- Emergency tiller system.
- Twin *Fireboy*[™] MA-2 manual/automatic fire extinguishing systems with automatic engine shut downs.
- Three *Fireboy*[™] portable fire extinguishers

Plumbing

- *Sea Tech*[™] fresh water plumbing system with manifold.
- *ITT Jabsco*[™] water pressure system.
- Two *Sealand Vacuflush*[™] head and holding tank systems with level gauge, y-valve, macerator pump and deck fitting.
- Polyethylene baffled water tank with level gauge.
- Separate sealed shower sumps with auto pumpout.
- *Isotemp*[™] twelve-gallon 120vac water heater with engine heat exchanger.
- Four 2000gph 12vdc bilge pumps with auto switch.
- Two *Whale Gusher*[™] manual bilge pumps.
- Manual fresh water foot-pump in galley.
- *Seagull*[™] water filter at galley sink.
- Two 20 lb. aluminum propane bottles with gauge.
- All seacocks *Forespar Marelon*[™].
- Hot and cold deck shower.

Electrical

- All AC-DC tinned and irradiated wiring.
- All wiring run through isolated conduit.
- Isolated DC ground system throughout.
- *Paneltronics*TM AC-DC electrical panel with LED digital meters, and plexiglass door.
- *Charles*TM 12kw isolation transformer.
- 50amp 220vac shore service split to 120vac.
- Dockside cable TV and telephone.
- *Glendinning Cablemaster*TM shore cord storage system for shore power and TV/telephone cable.
- 800 amp *Lifeline*TM AGM house battery banks with emergency isolation switching.
- Two 105amp *Lifeline*TM AGM engine starting batteries.
- *SALT*TM battery monitoring meter.
- Battery isolator/combiner/parallel system.
- *Vanner*TM 2600 inverter/120amp charger.
- *Taylorbrite*TM 12vdc CCF interior lighting with dimmer switches.
- 12vdc running lights.
- 12vdc masthead light.
- 12vdc steaming/foredeck light with guard.
- LED courtesy lighting throughout including all hanging lockers.
- Remote shut-off for propane.
- 12vdc interior fans for each cabin space.
- Central vacuum cleaner system.

Sails and Rigging

- Full batten Dacron mainsail with two reefs.
- Main cover.
- Mainsail lazy jacks.
- *Strong*TM sail track.
- Rigid boom vang.
- *Dutchman*TM boom brake.
- Dacron jib with vertical battens.

Plumbing Con't

- Dockside water.
- Fresh water wash at stern.
- Seawater anchor wash down.

Cockpit and Deck

- Hardtop/radar arch/ dinghy davit with integral tempered glass dodger and port and starboard windshield wiper/washer, opening center window, dual overhead sliding hatches, and cockpit lighting.
- Starboard helm station with bulkhead mounted destroyer wheel, wheel brake, adjustable double helm seat with footrest, console for instrumentation, and line storage.
- Port crew station with adjustable double seat and footrest.
- 5" compass with binnacle.
- 32" anodized aluminum stanchions with double lifelines, and boarding gates port and starboard.
- Two aluminum bow pulpits with bow rail seats.
- Walk-thru coaming to cockpit port and starboard.
- Athwartships walkway aft of cockpit.
- Integral step in cabin topsides and hull at amidships and bow.
- Decks cambered for quick draining with integral toe rail and *HullShield*TM rubrail.
- Port and starboard integral safety harness rail.
- Aluminum bow, amidships, and stern cleats.
- Aluminum handrails.
- Aluminum opening ports with integral screens and blinds in hull sides and forward main salon.
- Four *Nico Fico*TM solar/12vdc ventilators. Aluminum opening hatches in deck with integral screens and blinds.
- Locking companionway door with integral rollaway screen.
- Tempered glass salon windows.
- Foredeck lockers with locking latches.

Sails and Rigging Con't

- *SoloBoom*TM roller furling self-tacking jib boom with integral brake, and outhaul adjustment.
- All running rigging color coded
- *Harken*TM roller furling for jib.
- Main halyard, main sheet, two single line reefs, jib furler, jib sheet, and jib and main boom brake, lead to *Harken*TM 46 electric self tailing winch and *Harken*TM 30 working winch at starboard helm.
- All deck hardware by *Harken*TM .
- 1x19 stainless steel standing rigging with chafe protection.
- Aluminum boom with 6:1 outhaul/clew adjustment, single line reefing, boom rails, and internal mainsheet.
- Tapered aluminum mast with swept spreaders, internal halyards, electrical conduit, and *Harken*TM halyard sheaves.
- Flag halyards and cleats.

Interior

- Interior finish consists of naturally finished lightweight wood joiner work set against light colored vinyl fabrics, padded hull side panels, and soft headliner.
- Simulated wood soles in living areas, and composite soles in heads.
- Counter tops and sinks manufactured of a decorative solid surfacing material.

MainCabin Galley

- U-shaped galley to starboard with easy access to cockpit and interior.
- Generous counter space fabricated of a decorative solid surfacing material.
- Molded double sink with hot and cold mixer/spray faucet
- Front-opening *WAECO/Adler Barbour*TM AC/DC refrigerator.

Cockpit and Deck Con't

- Cockpit seat storage with locking latches.
- Cockpit integral ice chest.
- *Marinedeck 2000*TM exterior synthetic simulated teak decking on cockpit sole, cockpit seat tops, and transom steps
- Two stowaway cockpit tables.
- Large cockpit drains.
- Dual swim platforms with integral folding/telescoping swim ladders, and cutaway for dinghy access.
- Vinyl coated polyester mesh trampoline with three year limited warranty.
- Box crossbeam and strut with integral anchor well.
- *Lighthouse*TM 1501 stainless steel 12vdc horizontal anchor windlass mounted in recessed anchor well with dual chain gypsy and capstan, reversing deck switches, and remote switch with chain counter.
- Anchor bridle with attachment eyes at bows.
- One model #140 *Spade*TM 33lb. aluminum anchor with 200 feet of 3/8" stainless steel anchor chain, and one model #100 *Spade*TM 20lb. aluminum anchor with 150 feet 5/8" nylon rode and 20' of 3/8" stainless steel chain.

MainCabin Salon

- U-shaped settee with storage below and adjustable coffee table.
- Navigation station with drawers, chart storage and book shelves adjacent to companionway.
- Circular dinette with ventilated pantry storage within, accessible from starboard hull corridor.
- Space for entertainment center and TV

Galley – con't

- Top opening *WAECO/Adler Barbour*TM DC freezer.
- *Broadwater*TM four-burner propane stove and oven with drop in cover.
- Overhead galley exhaust fan system.
- Upper and lower cabinet storage.
- Space for microwave and trash compactor.

Engine Rooms

- Separate engine room port and starboard with access from on deck.
- Sound and thermal insulation.
- Separate 2000gph bilge pump.
- Enclosed engine sumps.
- Storage shelves and lockers.
- Fresh water faucet.
- 110vac outlet.
- 12vdc fan.
- Tool storage.
- Mini work bench and vise.
- Paper towel holder.
- Anodized aluminum sole.
- Watertight bulkhead.
- Ducted for air conditioning.

Options

- 10kw generator
- *CruiseAire*TM 36,000 BTU reverse cycle air conditioning system.
- *MST Guardian*TM engine flush system.
- *Spectra*TM 400 watermaker.
- *SailTech SoloRig*TM .
- *Furlboom*TM .
- Roller furling reacher with bridle system, and *Harken*TM 46st electric winch.
- Tri-radial *Spectra*TM mainsail and jib.
- Navigation and communications electronics.
- Stereo and TV.
- 450watt solar panels.
- Trash compactor.
- Icemaker.
- Safety Equipment.
- Microwave oven

Port Hull

- Master stateroom with queen-sized berth with large storage and wire bins below, accessed by hinged bunk top supported by gas springs.
- Large cedar lined hanging locker, dressing vanity and drawers.
- Space for entertainment center.
- Full width master head with freshwater *Vacuflush*TM toilet, separate shower stall, mirror, vanity with decorative solid surface countertop and molded sink.
- Wet locker located in hallway.
- Forward utility room accessible from deck.

Starboard Hull

- Forward stateroom with bunk beds and cedar lined hanging locker and drawers.
- Aft stateroom with queen sized berth with large storage and wire bins below, accessed by hinged bunk top supported by gas springs.
- Cedar lined hanging lockers and drawers.
- Central head with shower stall, freshwater *Vacuflush*TM toilet, mirror, vanity, and decorative solid surface countertop with molded sink.
- *Splendide*TM washer/dryer

Note: Specifications are subject to change without notice. The builder reserves the right to make alterations as considered desirable. No such alterations however are to be considered retroactive with respect to yachts delivered, under construction or under contract. Draft, displacement, and performance can all vary based on load. This is neither a warranty nor are any warranties implied. The manufacturer's liabilities are strictly limited to the warranty as described in Limited Warranty documents provided.