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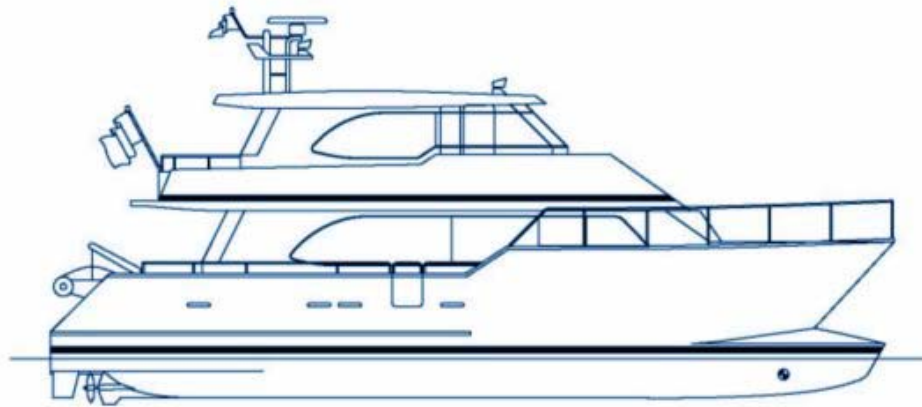
New Yacht, Commercial & Military Construction in Aluminum

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**Superior Yachts with Breakthrough Technology**

## FastWater™ 55 Wave Piercer PowerCat



### Specifications

Length Overall	55' 0" – 16.80m
Length Waterline	53' 11" – 16.46m
Beam, Max	21' 0" – 6.40m
Draft	3' 0" – 0.92m
Displacement (Half Load)*	45,400 lbs. – 20,640Kg.
Hull L/B Ratio	12.0
Bridge Deck Clearance (center nacelle)	1' 6"/0.46 - 6' 8"/2.04m
Fuel Capacity	1200 gal. US – 4,800Litre
Water Capacity	300 gal. US – 1,200Litre
Holding Tank Capacity	80 gal. US – 320Litre
Engines: Twin	370 hp Yanmar™ 6LYAP-STP

\* Half Load displacement is defined as weight of yacht with all standard equipment, fuel and water tanks at half full.

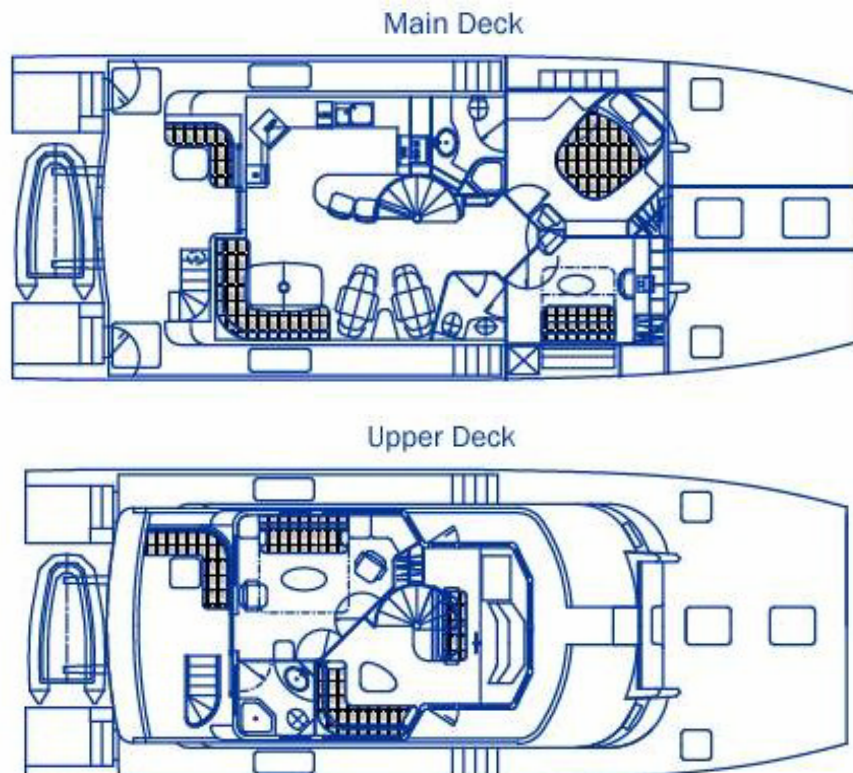
**Specifications may change without notice**

EuroTech's *FastWater™ 55 Wave Piercer PowerCat* was designed to offer a long range live-a-board motor cruiser with high stability both when under way and at anchor, a soft ride in a seaway, shallow draft with full propeller protection, and home like accommodations. The streamlined pilothouse with Portuguese bridge offers a climate controlled helm station as well as additional living space.

To achieve the desired qualities the *FastWater™ 55 Wave Piercer PowerCat* was developed so that it maintains all of the living spaces on or above the main deck with only machinery and tanks in the hulls. This configuration allows the individual hulls to be narrower offering improved speed and motion, while reducing overall weight. It also provides for improved isolation of noise, heat, odors and vibrations, typically experienced with vessels that share living and mechanical spaces. Additionally the hulls can be outfitted with larger than usual tank capacities and the weight of these heavy items can be kept low and concentrated amidships. These features when combined with the generous overall beam result in a lower and more centralized center of gravity, yielding better ultimate stability and reduced pitching in a seaway.

The design of the *FastWater™ 55 Wave Piercer PowerCat* incorporates semi-displacement wave piercing hulls that deliver unparalleled performance and sea kindliness at both low and higher speeds. The propellers and rudders are protected through the use of shallow tunnels and protective skegs while the underside of the bridge deck is v-shaped in order to minimize impact with waves. Powered with twin 370hp diesels, the *FastWater™ 55* will be a breeze to handle with the standard electronic shift/throttles engine controls and bow thruster.

The hull and deck of the *FastWater™ 55 Wave Piercer PowerCat* 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 hybrid method of 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*<sup>™</sup> 5059 aluminum alloy, utilizing *SailTech FastForm*<sup>™</sup> construction method
- All aluminum surfaces interior and exterior hull coated with *CeRam-Kote*<sup>™</sup>
- High gloss urethane topcoat on all hull and deck surfaces
- Silica non-skid incorporated into *CeRam-Kote*<sup>™</sup> on horizontal deck surfaces
- Internal structure consisting of longitudinal stringers bonded with methacrylate adhesive or welded, and welded aluminum ring frames with honeycomb cored composite center sections
- Entire hull and deck are insulated for thermal and acoustic considerations
- Watertight crash bulkheads/compartments in the bow of each hull
- Interior of all deck and anchor lockers coated with polyurethane protective lining
- Twin aluminum rudders
- Aluminum rudder shafts with *PYI*<sup>™</sup> bearings
- Shallow propeller tunnels in each hull with integral propeller shaft log and protection skeg
- Antifouling paint below waterline and running gear
- 10-year structural warranty
- Construction in accordance with ABYC
- Factory commissioning

## Mechanical

- Twin 370hp *Yanmar*<sup>™</sup> marine diesel engines with C type engine panels
- *Maxpower*<sup>™</sup> 12vdc bowthruster
- *Floscan*<sup>™</sup> fuel monitoring system
- *Glendinning*<sup>™</sup> automatic engine synchronizers
- *PYI*<sup>™</sup> flexible couplers, engine mounts, and dripless stuffing boxes
- Stainless steel propeller shafts, with *Spurs*<sup>™</sup> weed/line cutters
- Four blade bronze propellers
- Two *Reverso*<sup>™</sup> oil change pumps
- *Puratec*<sup>™</sup> fuel purification system

## Electrical

- Electrical System by *Mastervolt*<sup>™</sup>
- All ac/dc wiring tinned and irradiated
- All wiring run through isolated conduit
- Two 90amp alternators with three-step regulation and temperature sensing
- *Mastervolt*<sup>™</sup> ac/dc electrical panel with LED digital meters
- *YachtGard*<sup>™</sup> ac/dc surge protection
- *Mastervolt*<sup>™</sup> 10 kw isolation transformer
- 50amp 220vac shore service split to 120vac
- Dockside cable TV and telephone
- *Glendinning Cablemaster*<sup>™</sup> shore cord storage system for shore power and TV/telephone cable
- 800 amp maintenance free gel cell house battery bank (2 volt cells), with emergency parallel switch
- Two separate 85 amp gel cell engine starting batteries
- Battery isolator
- *Mastervolt*<sup>™</sup> 2000 watt sine wave inverter
- *Mastervolt*<sup>™</sup> 80 amp battery charger with temperature sensing
- *Mastervolt*<sup>™</sup> 12 kw ac generator with water gas separator exhaust system and *Reverso*<sup>™</sup> oil change pump
- *CruiseAir* 41,000 btu reverse cycle air conditioning system ducted to main deck, upper deck, and engine rooms
- *Electro-Guard*<sup>™</sup> cathode protection system
- *Taylorrite*<sup>™</sup> 12vdc CCF interior lighting with dimmer switches
- 12vdc running lights
- LED courtesy lighting throughout including all hanging lockers
- Remote shut-off for propane
- 12vdc interior fans for each cabin space
- Central vacuum cleaner system

## Mechanical Con't

- *Groco Hydromatic™* seawater intake/strainer system
- Twin single lever *Glendinning™* electronic engine shift/throttle controls
- Engine rooms exhaust blowers
- Engine spare parts and workshop manual
- *Teleflex™* hydraulic steering system
- Two independent aluminum baffled fuel tanks with inspection ports, polyester coating and level gauge
- Twin *Fireboy™* MA-2 manual/automatic fire extinguishing systems with automatic engine shut downs
- Three *Fireboy™* portable fire extinguishers

## 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 synthetic soles in heads
- Counter tops and sinks manufactured of a decorative solid surfacing material
- Main salon has large tinted tempered glass sliding windows with screens

## Main Salon - port

- U-shaped galley with easy access to cockpit and interior
- Generous counter space fabricated of a decorative solid surfacing material
- Undermount double sink with hot and cold mixer/spray faucet
- Front opening *WAECO/Adler Barbour™* ac/dc refrigerator / freezer
- *Broadwater™* four burner propane stove and oven with drop in cover
- Overhead galley exhaust fan
- Upper and lower cabinet storage
- Space for microwave and trash compactor
- Breakfast bar with seating
- Space for entertainment center and LCD TV

## Plumbing

- *Sea Tech™* fresh water plumbing with manifold system
- *ITT Jabsco™* water pressure system
- *Sealand Vacuflush™* head and holding tank system including level gauge, y-valve, macerator pump, and deck fitting
- Two polyethylene water tanks with level gauges
- Separate sealed shower sumps with automatic pump out
- *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 in cockpit at transom steps
- Dockside water at transom steps with hose and in-line filter
- Fresh water washdown in cockpit
- Seawater anchor washdown

## Foredeck, Side Decks, Cockpit and Transoms

- Aluminum bow and side rails
- Decks cambered for quick drainage with integral toe rail and *HullShield™* rubrail
- Aluminum bow, amidships and stern cleats
- Foredeck bench seating and cushions with integral step to centerline stairway to pilothouse
- Full height aft cockpit and side deck bulwarks with freeing ports and hawse rings
- Integral steps from port and starboard side decks up to foredeck
- 12 vdc transom dinghy davits
- Aft cockpit L-shaped settee with storage and table
- Upper deck L-shaped settee with storage and table
- Cockpit sink with hot and cold mixer
- Port and starboard amidships and transom bulwark doors

## Main Salon - starboard

- L-shaped settee with folding dining table
- Two reclining chairs

## Main Salon - forward

- Stairway with banister to upper deck
- Separate access to port and starboard staterooms and heads

## Staterooms & Heads

- Port stateroom has a queen size berth accessible from both sides with large storage and wire bins below, accessed by hinged bunk top supported by gas springs
- Cedar lined hanging lockers
- Ventilation opening port with screen
- Multiple drawers
- Port stateroom head has *Sealand Vacuflush™* toilet, separate shower stall, mirror and vanity, with decorative solid surface countertop and moulded sink
- Starboard stateroom has convertible queen size pullout berth, with office desk space
- Ventilation opening port with screen
- Starboard head has *Sealand Vacuflush™* toilet, shower space, mirror and vanity, with decorative solid surface countertop and molded sink
- Built-in *Splendide™* washer/dryer

## Upper Deck

- Enclosed pilothouse with tinted tempered opening glass windows with screens
- Overhead lighting
- Overhead opening hatches with screens and blinds
- Storage cabinets
- Triple windshield wipers with washers
- Port and starboard doors to access Portuguese bridge
- Double helm seat, destroyer wheel, engine panels, and engine controls
- Console with 6" binnacle compass and room for navigation electronics
- Upper deck accessible by inside and fore and aft deck stairways
- L-shaped settee with storage under

## Foredeck, Side Decks, Cockpit and Transoms Con't

- *Marinedeck 2000™* exterior synthetic simulated teak decking on aft deck and transom steps
- Tinted tempered glass sliding door with screen to access main salon
- Dual swim platforms with integral folding/telescoping swim ladder and cutaway for dinghy access
- *Lighthouse™* 1501 stainless steel 12vdc horizontal anchor windlass mounted in recessed anchor well with dual chain gypsy and capstan, reversing, deck switches, remote with chain counter, and anchor washdown
- Dual recessed anchor storage rollers
- Port and starboard foredeck storage lockers
- Anchor bridle with attachment eyes at bows
- One model #140 *Spade™* 33 lb aluminum anchor with 200 feet of 3/8" stainless steel anchor chain, and one model #100 *Spade* 20 lb aluminum anchor with 150 feet of 5/8" nylon rode and 20 feet of 3/8" stainless steel anchor chain
- Four fenders and four braided docklines

## Engine Rooms

- Separate engine room port and starboard with access from on deck
- Sound and thermal insulation
- Rubberized synthetic sole
- Watertight bulkhead
- Separate 2000gph bilge pumps
- Enclosed engine sumps
- Storage shelves and lockers
- Fresh water faucet
- Tool storage
- Paper towel holder
- 110vac outlet
- 12v fan
- Mini work bench and vice
- Ducted for air conditioning
- Safety Equipment

## Upper Deck Con't

- Sliding glass door to access aft upper deck with aluminum railing, and access to exterior stairway to cockpit
- Three solar vents
- Remote control station for shift / throttle and bow thruster aft upper deck

## Upper Deck - stateroom

- Convertible settee to queen size berth
- Two barrel chairs
- Coffee table
- Private head has *Sealand Vacuflush™* toilet, separate shower stall, mirror and vanity, with decorative solid surface countertop and moulded sink

## Options

- Port and starboard remote bridge wing stations with engine and bow thruster controls
- Aft deck remote engine and bow thruster controls
- *MST Guardian™* engine flush system
- Microwave
- Trash compactor
- Icemaker
- 220Volt

Note: Specifications are subject to change without notice. The builder reserves the right to make alterations as considered desirable. No such alterations are to be considered retroactive with respect to yachts delivered, under constructions, or under contract. Draft, displacement, and performance can all vary based on load. This 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.