




BROADBLUE
catamarans

500

STANDARD
SPECIFICATION

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The Broadblue 500 is our new flagship model that commands authority on the waves. She is a blue water cruiser with strikingly beautiful lines, superior craftsmanship complimented by elegant joinery.

The Broadblue 500 will unite all the qualities of the Broadblue fleet while featuring her own individuality and emanating a fine presence on the water. She is designed for short handed sailing producing a fast, responsive and seakindly ride.

The Broadblue 500, the definitive fifty foot Catamaran.

The Broadblue 500 is built to the highest level of the European Recreational Craft Directive: Category A (Ocean) and is built using Lloyds approved materials.

Technical Specification

LOA	15.25m	50"
BOA	8.53m	28' 0"
Displacement (Light)	15000kg	33068lbs
Draft	1.40m	4' 7"
Air Draft	23.95m	78' 7"
Fuel	2 x 400ltrs	176gal
Water	800ltrs	176gal
Mainsail area	95sq.m	1022sq.ft
Genoa area	53sq.m	570sq.ft
Engines	Twin 55hp Saildrive	

Interior

- Owner's Layout giving 3 large double cabins, each with ensuite. Owner's hull to include large head with separate shower and office desk, vanity unit and settee.
- Choice of Alcantara upholstery fabrics to suit your requirements
- Microfibre material side linings
- Teak synthetic no maintenance flooring used throughout with access panels where required
- Recessed chrome LED lighting throughout
- Handcrafted joinery in light oak

Saloon

- Huge main saloon with panoramic views
- Separate lounge seating with coffee table
- Glass bonded windows with two front opening
- Raised seating area for ten people with stowage under
- Standing headroom throughout saloon
- Fixed oak dining table (inlaid veneer) with drawers below
- Twin sliding companionway door to cockpit
- Forward looking Chart table with chart light and seat
- Dimmers to saloon lighting
- Concealed lighting to floor
- 26" LCD TV/DVD to saloon c/w surround sound with electric stowage system
- Static ventilation system

Galley

- Large Solid mineral surface work tops to galley
- Stainless Steel sink and drainer with mixer tap and solid surface cover
- 180 ltr stainless steel fridge c/w 12v keel cooled compressor
- 110 ltr stainless steel freezer c/w 12v keel cooled compressor
- 4 Burner hob with flush lid
- Stainless steel oven
- Storage cupboards with shelves & drawers
- Electric opening aft cockpit window
- Gas detector

Starboard Hull Stbd Aft cabin

- Hanging locker c/w light
- Drawers in bunk front
- Overhead hatch c/w skyscreen
- Triple hull bonded windows to outboard side
- King size berth with 10cm thick "sprung" mattress
- Stowage under bed
- Storage outboard cupboard
- Large opening portlight to o/b side
- Large opening portlight to aft bulkhead

- Concealed floor lighting
- Berth side shelving units
- Chrome berth spot/reading lights
- 17" LCD TV/DVD
- Escape hatch to inboard hull

Stbd Midships

- Large storage hanging/shelved lockers c/w light
- Inboard office desk with swing out seat
- Vanity unit with swing out seat and mirror
- Settee
- Opening portlight to outboard side
- Overhead Hatch c/w skyscreen
- Chrome spot/reading lights
- Concealed floor lighting

Stbd Fwd Head

- Solid mineral surface to his/hers basin area c/w mixers
- Oak storage units with shelving
- Large mirror
- Marine electric wc
- Towel rail and accessories
- Large separate shower compartment with teak grating
- Shower complete with electric sump pump
- Twin hull bonded windows to outboard side
- Overhead Hatch c/w skyscreen
- Extractor fan

Port Hull Port Aft Cabin

- Hanging locker c/w light
- Drawers in bunk front
- Overhead hatch c/w skyscreen
- Triple hull bonded windows to outboard side
- Large opening Portlight to aft bulkhead
- King size berth with 10cm thick mattress
- Stowage under bed
- Door to ensuite
- Berth side shelving units
- Chrome berth spot/reading lights
- Escape hatch to inboard hull
- Large opening portlight to o/b side
- Concealed floor lighting

Port Aft Cabin Ensuite

- Solid mineral surface to basin area c/w mixer
- Oak shelving unit
- Large mirror
- Electric marine wc
- Towel ring and accessories
- Access door to separate shower compartment with teak grating

- Shower complete with electric sump pump
- Overhead hatch c/w skyscreen
- Extractor fan

Port Midships

- Hanging locker c/w light
- Storage unit with shelves
- Opening portlight to outboard side

Port Fwd Cabin

- Storage outboard cupboards
- Overhead hatch c/w skyscreen
- Twin hull bonded windows to outboard side
- Double berth with 10cm thick mattress
- Stowage under bed
- Chrome berth spot/reading lights
- Concealed floor lighting
- Large opening portlight to fwd bulkhead

Port Fwd Cabin Ensuite

- Solid mineral surface to basin area c/w mixer
- Oak shelving unit
- Electric marine wc
- Towel ring and accessories
- Shower complete with electric sump pump with teak grating
- Overhead hatch c/w skyscreen

Engines

- Fluorescent light to each engine bay
- Twin 55hp Saildrive engines with 115amp/hr advanced alternators
- Fuel / water separator and filters
- 2 x Fuel tanks in Stainless Steel
- Engine ventilation and air intake on transom
- Automatic Bilge Pump in each Engine Room
- Siphon breaks fitted to raw water lines to engines
- Engine bays painted in fire retardant gel coat
- Engine access through deck hatch on aft deck
- Micro command electronic throttle controls in cockpit
- Electric engine start/stop to engine panels
- Engine panels with tachometers, warning lights, alarm & engine hour meter in cockpit
- Auto fire extinguisher to each engine bay



Plumbing

- 2 x Waste holding tank c/w electric discharge pump
- 2 x Manual bilge pumps to keel sump
- 2 x Grey water tank c/w electric discharge pump
- Auto Electric bilge pumps to keel sump
- 2 x 25ltr calorifier c/w immersion

Electrics

- 2 x 110 amp/hr engine start batteries
- 4 x 110 amp/hr domestic batteries
- 1 x 12 v socket at chart table
- 1 x 12 v socket at helm position
- 50A Battery Charger
- Touch screen AC/DC distribution panel
- Volt meters and amp meters to AC DC systems
- 30A/220v AC socket, 9 electrical outlets, 50ft shore lead
- Fuel, water grey and holding tank gauges on switch panel
- LED and Halogen lighting throughout boat
- Steaming & Deck floodlight and tri - white fitted to mast
- LED Navigation lights

Electronics

- ST60 combined log & echo sounder at helm station
- ST60 wind instrument
- ST7002 Autopilot c/w gyro
- Raymarine E80 chart plotter
- Stereo CD c/w internal and external speakers
- Magnetic compass at helm station
- ICON 603 VHF c/w antenna
- Radar Reflector

Deck

- GRP Bimini with electric sliding fabric hatch c/w LED lighting
- Side decks/transoms and cockpit all inlaid with teak
- Simpson 150 Davits
- Anchor locker on foredeck
- Large foredeck locker
- Locker/seats to foredeck
- Water Tank filler and vent.
- 4 x Mooring cleats
- 1 x Anchor cleat
- 2 x Transom cleats
- 2 x Spring cleats
- 2000w Electric anchor windlass with deck foot switches to self launch bow roller
- Stainless Steel pushpit with stern light
- Stainless Steel stanchion bases with 600 mm stanchions
- 1 x 19 Stainless Steel life - lines

- 1 x Set life gates to transoms / sidedeck
- 1 Pair coachroof Stainless Steel grab handles
- 1 Pair Trampolines
- Large self draining cockpit
- 3 x Large aft deck lockers
- 2 x Large cockpit floor lockers
- Cockpit cushions
- Gas locker to cockpit
- Cockpit sink c/w tap & 12v fridge below, solid surface insert
- Leather steering wheel
- Double Helmsman's seat with footrest
- 1 x teak cockpit table
- 1 Pair Stainless Steel pulpits with seats & lights
- LED transom step and cockpit lights
- Hot & Cold deck shower to port side
- Stainless Steel boarding ladder to port side

Sails

- Fully battened Mainsail with roller cars and 3 reefs
- Stack pack with lazy jacks
- Furling Genoa with U.V strip with on roller reefing system

Spars and Rigging

- Anodised Aluminium mast deck stepped
- Anodised Aluminium Boom with single line reefing
- Stainless Steel Chain plates
- 1 x Fore beam Forestay Chain plate
- Standing Rigging in 1 x 19 Stainless Steel with bronze bodied roll swaged rigging screws
- 2:1 Mainsail halyard in dyneema
- Genoa halyard
- 2 x Genoa sheets
- 2 x Genoa tracks and cars
- 2 x Genoa winches
- 1 x Electric Halyard winch
- 1 x Mast winch
- 1 x Spinnaker / Cruising Chute halyard
- 1 x Mainsail topping lift
- 1 x Mainsheet
- 2 x Winch handles c/w pockets
- Boom gas strut

Miscellaneous

- Antifoul
- 1 x 55lb Delta anchor with 60m chain/30m warp
- 2 x 10m mooring warp
- 4 x 20m mooring warp
- 8 x fenders & socks
- 2 x Gas bottles
- Operation manuals for all fitted equipment

- Owners manual
- Emergency tiller
- All interior fixtures and fittings are high quality manufactured from high - grade corrosion resistant materials

Hulls

The GRP hull and deck, with Kevlar re-inforcement in high load areas, are hand laid in one piece female moulds. Below the waterline the hulls are solid laminate with isophthalic gelcoat, whilst above both hull and deck have an end grain balsa core for strength and insulation.

The hull to deck join is fully bonded, and features a substantial rubbing strake. The deck had a moulded non-slip surface. Many of the bulkheads are of vacuum bagged foam core, and when the interior joinery is bonded in, a light and stiff 'honeycomb' structure is created.

The keels are integrally moulded as part of the hulls, and are sealed off from the hulls forming a double bottom. The 500 is virtually unsinkable due to its watertight bulkheads and buoyancy compartments fore and aft

Rudders and Steering

Rudders are skeg hung on Stainless Steel stocks with self - lubricating bearings. The steering system is entirely hydraulic with a ram attached directly to each rudder, operated from a steering wheel. The starboard rudder has an access cover above and is designed to accept an emergency tiller.

These are preliminary specifications for the new Broadblue 500 and may be subject to change without notice. Please contact us to discuss your cruising / sailing requirements together with the latest pricing, current build schedules and additional features and options that are available on this model.



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