



BROADBLUE
catamarans

435

STANDARD
SPECIFICATION

435

STANDARD SPECIFICATION

The Broadblue 435 is designed for single or short handed sailing being fast, responsive and is built to the high quality standards expected of Broadblue Catamarans. The Broadblue 435 sails effortlessly on all points of sailing, even loaded for cruising, and in particular will sail close winded and tack swiftly.

The Broadblue 435 is designed for the cruising family who need more comfort, storage and space onboard. The galley and saloon are very spacious and are complimented by the admired handcrafted joinery produced by Mark Elliot Furniture.

The striking fine entry hulls and precise lines of this yacht are the result of thirty years of design experience. This design allows the boat to glide over the waves with less water over the bow creating a dry, smooth, seakindly ride with sparkling sailing performance. The end result is a beautiful yacht that delivers comfort and safety at sea. The Broadblue 435 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	13.25m	43' 6"
BOA	6.7m	22' 0"
Displacement	9300kg	20502lbs
Draft	1.25m	4' 1"
Air Draft	18.95m	62' 2"
Fuel	2 x 222ltrs	98gal
Water	400ltrs	88gal
Mainsail area	65sq.m	700sq.ft
Genoa area	36sq.m	388sq.ft
Engines	Twin 30hp Saildrive engines	

Interior

- Owner's layout providing 3 large double cabins, Owners hull to include large head with separate shower and office desk. Further guest head with separate shower
- Choice of upholstery fabrics to suit your requirements
- Microfibre material side linings
- Teak and Holly synthetic, no maintenance, flooring used throughout with access panels where required
- Recessed chrome LED lighting throughout
- Handcrafted joinery in light oak

Saloon

- Large main saloon with panoramic views
- Glass aluminium framed windows with two front openings
- Raised seating area for eight people with storage
- Standing headroom throughout saloon
- Folding oak dining table with drawers below
- Double sliding companionway doors to cockpit
- Chart table with chart light and swing out seat
- Static ventilation system
- 2 x escape hatches to inboard hulls
- Drinks cupboard to aft bulkhead

Galley

- Large solid surface work tops
- Oak fiddle to work surface
- Stainless steel double sink and drainer with mixer tap
- Stainless steel custom 12v fridge freezer c/w 2 x 12v keel cooled compressors
- 4 burner stove with flush lid
- Stainless steel oven
- Storage cupboards with shelves and drawers.
- Ventilation hatch above galley
- Gas detector
- Waste disposal bin to work surface

Starboard Hull (Owner's)

Stbd Aft cabin:

- Hanging locker
- Drawers in bunk front
- Overhead hatch
- Triple hull windows to outboard side
- King size berth with 10cm thick mattress
- Stowage under bed
- Steps to berth with stowage under
- Berth side shelf with storage cupboards
- Chrome berth spot/reading lights

Stbd Midships

- Large storage shelved locker
- Office desk with swing out seat
- Storage cupboards and drawers
- Large window to outboard side
- Chrome berth/spot reading light

Stbd Fwd Head/Shower

- Solid surface to basin area c/w mixer tap
- 2 oak shelving units
- Mirror
- Marine wc with holding tank c/w manual pump out to sea
- Towel rail and accessories
- Large separate shower compartment with teak grating
- Shower complete with electric sump pump
- Large window to outboard side
- Deck Hatch

Port Hull

Port Aft Cabin

- Hanging Locker
- Drawers in bunk front
- Overhead hatch
- Triple hull windows to outboard side
- King size berth with 10cm thick mattress
- Stowage under bed
- Steps to berth with stowage under
- Berth side shelf with storage cupboards
- Chrome berth spot/reading lights

Port Head

- Solid surface to basin area c/w mixer
- Oak shelving units
- Mirror
- Marine wc with holding tank c/w manual pump out to sea
- Towel ring and accessories
- Overhead Hatch
- Access to separate shower compartment with teak grating
- Shower complete with electric sump pump
- Large window to outboard side

Port Fwd Cabin

- Hanging locker
- Overhead hatch
- Portlight to outboard side
- Double berth with 10cm thick mattress
- Stowage under bed
- Storage inboard cupboards
- Chrome berth spot/reading light

Engines

- Fluorescent light to each engine bay
- Twin 30hp 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
- Siphon breaks fitted to raw water lines to engines
- Automatic bilge pump in each engine room
- Engine bays painted in fire retardant gel coat
- Engine access through deck hatch on aft deck
- Twin lever controls in cockpit
- Electric engine start/stop to engine panels
- Engine panels with tachometers, warning lights, alarm and engine hour meter in cockpit
- Auto fire extinguisher to each engine bay



BROADBLUE
catamarans

Electrics

- 2 x 80amp/hr engine start batteries
- 3 x 110amp/hr domestic batteries
- 12v socket at chart table
- 12v socket at helm position
- AC/DC distribution panel with circuit breakers
- Volt meters and amp meters to AC DC systems
- 16A/240v or 30A/120v AC shore socket c/w 50ft shore lead. 5 electrical outlets, hot water element heater
- Fuel, water and holding tank gauges at chart table
- LED lighting throughout boat
- Steaming and deck floodlight and triwhite fitted to mast

Electronics

- ST60 combined log and echo sounder at helm position
- Magnetic compass at helm station

Deck

- Anchor/Sail locker and gas locker to foredeck
- Water tank filler and vent
- 4 x mooring cleats
- 1 x Anchor cleat
- 4 x Spring cleats
- 1400w Electric anchor windlass with deck foot switches to self launch bow roller
- Stainless steel pushpit with stern light
- Stainless steel stanchion bases with 600mm stanchions
- 1 by 19 stainless steel lifelines
- Set life gates to transom
- 1 pair of coachroof stainless steel grab handles
- 1 pair Trampolines
- 2 x seats/steps to foredeck
- 3 x Large aft deck lockers
- Large cockpit locker
- Double Helmsman seat with foot rest
- Cockpit table
- 1 Pair Stainless steel pulpits with seats and lights
- Transom steps inlaid with teak
- Hot and Cold deck shower to port side
- 2 x manual bilge pumps to keel sump
- 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 UV 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
- Forebeam Forestay Chainplate
- 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
- Mainsheet winch
- Electric Halyard winch
- Spinnaker / Cruising chute halyard
- Mainsail topping lift
- Mainsheet
- 2 x Winch handles c/w pockets

Miscellaneous

- Antifoul
- 45lb delta anchor with 40m chain
- 2 x 10m mooring warp
- 2 x 20m mooring warp
- 6 x Fenders
- Gas bottle
- 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

Rudders and Steering

Rudders are skeg hung on stainless steel stocks with self lubricating bearings. The steering system is hydraulic with the rudders linked together with a cross link beam. The hydraulic arm is attached directly to the rudder shaft. The port rudder has an access cover above and is designed to accept an emergency tiller.

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, whist 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 Broadblue 435 is virtually unsinkable due to its watertight bulkheads and buoyancy compartments fore and aft.



1 Wherry Lane Neptune Marina Ipswich Suffolk United Kingdom IP4 1LG
Telephone +44 (0)1473 286 436 Facsimile +44 (0)1473 286 385 Email sails@broadblue.co.uk

www.broadblue.co.uk