

Broadblue 345 - Standard Specification

The Broadblue 345 is the entry level model in the Broadblue range and is designed for fast coastal and inshore passages, with a full offshore capability should the need arise.

Key to the easy handling of the Broadblue 345 is the innovative “sail station” concept, bringing all of the working sheets and halyards to a single forward facing location alongside the helm station. This ensures that the 345 can be easily handled by one person, including reefing of both the main and headsails.

The spacious accommodation includes two large double aft cabins and a single cabin forward as standard. This can be extended by incorporating a single cabin amidships on the port side and a saloon conversion for a double berth. When combined with the optional second head this allows up to 8 people to sleep aboard and enjoy the facilities of two heads and two showers - all in a 10m catamaran.

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Interior

- ✦ 3 separate cabins with
 - 2 King size (2m x 1.5m) double berths aft
 - Single cabin port fwd
- ✦ 2m headroom throughout
- ✦ Stbd fwd main heads with separate shower
- ✦ Opening hatches to saloon and both aft cabins
- ✦ Moulded hull linings throughout
- ✦ Joinery in light Oak timber
- ✦ Teak and Holly laminate flooring throughout

Saloon & Chart table

- ✦ Single sliding companionway door
- ✦ Entrance companionway with overboard drains
- ✦ Large laminated glass windows all around
- ✦ Cabin down-lighters and switch
- ✦ Large laminated glass skylight in saloon deckhead
- ✦ Large corner saloon sofa with seating for 6
- ✦ DC and AC Switch panel
- ✦ Chart table with drawer and space for instrumentation
- ✦ Chart table seat

- ✦ Large forward facing opening hatch
- ✦ Saloon upholstery in high quality fabrics with choice of colour
- ✦ Large saloon table with inlaid surface in light oak

Galley

- ✦ 1½ bowl integral sink with hot and cold mixer tap
- ✦ Polystone working surfaces with splash-back throughout
- ✦ Hot and cold pressurised water with high quality mixer tap
- ✦ S/S Multi burner gas hob
- ✦ Gas oven and grill combination
- ✦ Cupboards under work-surface with shelves/drawers
- ✦ High level cupboards with shelves
- ✦ Sliding/opening window to cockpit
- ✦ Lights over Galley
- ✦ High quality stainless steel fronted refrigerator

Portside & Stbd Aft Cabins

- ✦ Vanity unit and mirror in each cabin
- ✦ Cave and hanging lockers
- ✦ Down lighter and switch

- ✦ Storage seat at base of each bed
- ✦ Access under floor to bilge volume and water tanks
- ✦ High quality foam mattress and covering
- ✦ Opening hatch to vertical aft face of cabins – allowing ventilation and emergency exit
- ✦ Side portlights to each cabin

Stbd Toilet

- ✦ Hot and cold pressurised water to basin
- ✦ Marine W.C with large separate holding tank and tank-full indicator
- ✦ Large double door storage cupboard with vanity mirror
- ✦ Separate shower room forward
- ✦ Deck access hatch
- ✦ Down-lighter and switch

Port Mid-ships compartment

- ✦ Large work-surface with storage cuddies
- ✦ Down-lighters and switch
- ✦ Optional conversion to further berth or other usage

Port forward cabin

- ✦ Single berth with large storage volume below



Port forward cabin (cont.)

- ✎ Large in-board storage locker
- ✎ Storage seat with lid
- ✎ Down-lighter and switch
- ✎ Optional second heads and shower

Services

- ✎ 2 x 150 litre water tanks – separate tanks in each keel
- ✎ Pressurised water pump with feed to galley and toilet/shower
- ✎ Hot water via calorifier from engine or 240v immersion heater
- ✎ Gas feed to galley via copper tubing from regulated butane gas bottle connector
- ✎ Space for 2 x 4.5kg LPG bottles with regulator and gauge in locker vented overboard
- ✎ 1 x 110AH service batteries and 2 x 80AH engine start batteries with isolator switches
- ✎ Manual bilge pump to amidships bilges operated from cockpit
- ✎ 2 x split charge relays wired to allow charging of all batteries from either engine or battery charger
- ✎ 2 x automatic engine bay bilge pumps
- ✎ High quality 12v circuit breaker electrical control panel with Voltmeter, Ammeter, fuel and water gauges and tell-tales for nav lights
- ✎ AC circuit with 240v circuit breakers, polarity checking, ammeter and voltmeter
- ✎ 3 x 1kg fire extinguishers

Deck and fittings

- ✎ Non-slip surfaces to deck and cockpit
- ✎ Moulded toe-rail
- ✎ Tinted laminated glass windows all round
- ✎ S/S double rail pulpits & push

- pits with stainless steel wire gate between cockpit and aft deck
- ✎ Double guardrail wires and stainless steel stanchions
- ✎ 4 mooring and 2 spring cleats
- ✎ Self-launching bow roller on foredeck with stainless steel protection track to manual anchor windlass
- ✎ S/S coachroof handrails
- ✎ Aft deck emergency boarding ladder
- ✎ 35lb anchor, chafe plate, 10m chain & 30m warp
- ✎ Self-tacking track for Solent jib with traveller control from sail station
- ✎ 12 halyard and sheet jammers for all control lines led to sail station
- ✎ Halyard foot blocks
- ✎ 2 x self-tailing halyard/sheet winches on sail station
- ✎ Self-draining foredeck anchor locker
- ✎ Fresh water fillers & vent
- ✎ Diesel filler and vent
- ✎ Heads pump-out on deck for holding tank
- ✎ 4 fenders with lines
- ✎ Secure points for jackstays down each side and across bow
- ✎ 2 secure points for safety harness in cockpit
- ✎ 4 x 10m mooring warps

Spars, Rigging

- ✎ Anodised aluminium mast and boom, S/S rigging
- ✎ Roller furling gear for primary headsail
- ✎ Sheaves, blocks & stoppers for halyards
- ✎ Tricolour, anchor and deck flood/steaming lights
- ✎ Main halyard in braid on braid polyester
- ✎ Double mainsheet tackle with two mounting points
- ✎ Sheets in braid on braid

Instruments

- ✎ Compass
- ✎ Large instrument console with step for access to coachroof

Engine

- ✎ 2 x 20hp FW cooled diesels with sail drive units
- ✎ 2 x 2 blade propellers
- ✎ S/S. 150i fuel tank, filter & water trap with fuel level gauge

Steering

- ✎ Hydraulic steering system
- ✎ Stainless steel steering wheel
- ✎ Semi balanced rudders
- ✎ 2x Tillers and Tie bar
- ✎ Emergency tiller access hatch
- ✎ Emergency tiller

Construction

All Broadblue catamarans are rated to the highest appropriate level of the European Recreational Craft Directive. Hull and deck mouldings are hand laid glass fibre, using powder - bound mat, multiaxial e-glass fabrics, and suitable resin. Below the waterline the hulls are solid laminate using vinylester resins, while the topsides and deck incorporate PVC foam and polyester resin. The deck has an integrally moulded non-slip finish. The hull and deck join is fully bonded and a substantial rubbing strake is fitted. Bulkheads are structurally bonded to the hull and deck, which, together with the interior furniture forms a light and strong structure.

The Broadblue 345 is virtually unsinkable due to its watertight bulkheads and buoyancy compartments fore and aft. The keels are integrally moulded.

TECHNICAL SPECIFICATION

Engines :	3 cylinder 20hp diesel with Saildrive	
Rig :	Fractional sloop with bowsprit	
Layout :	Owners choice but up to 8 berths	
RCD Category :	Category A - Ocean	
Interior :	Hand built quality furniture and fittings in light Oak. Teak and Holly laminate flooring throughout.	

LOA	9.98m	32.7ft
LWL	9.9m	32.5ft
BOA	4.85m	15.9ft
Displacement	4800kg	4.72t
Draft	1.01m	3.32ft
Fuel	150 ltrs	32.4 gallons
Water	2 x 150 ltrs	2 x 32.4 gallons
Mainsail area	28 sq.m	301.3 sq ft
Genoa area	45 sq m	484.4 sq ft
Cruising chute area	58 sq.m	624 sq ft