

Broadblue Rapier 400 - Standard Specification

Interior

- Owners layout including 3 double cabins, owners hull includes large head with separate shower and dressing room.
- Guest heads with basin and shower.
- Choice of interior fabrics to suit your requirements.
- Teak and holly soles, treated cork flooring to saloon
- Recessed LED lighting throughout.
- Hand crafted joinery in light oak.
- Static hull ventilation system.
- All interior fixtures and fittings are manufactured from corrosion resistant materials.

Saloon

- Huge main saloon with panoramic windows.
- Seating for 6/8 people in comfort.
- Oak folding dining table.
- Open plan galley, saloon, cockpit and helm station.
- 185cm headroom in saloon.

Galley

- Large full width galley.
- 2 recessed sinks in huge worktop.
- Large stainless steel fridge.
- Stainless steel oven/grill with recessed hob over.
- Electrically lifting TV under windscreen (option).
- Windscreen wipers and optional de-mist system.
- Freezer below seating (option).
- Water tank behind galley for optimal weight distribution.
- Gas detector alarm.

Port (Owners) Hull

- King-size double berth with high quality mattress.
- Large hanging locker.
- Berth-side stowage lockers.
- Navigation area in owners hull.
- Option of a single berth or cupboards midships.
- Preparation for water-maker.

Port Heads

- Large wash basin and dressing mirror in dressing room.
- Escape hatch inboard in forward heads.
- Manual marine WC with 50L gravity empty holding tank.
- Opening hatches and windows for added ventilation (as well as static system).

Starboard Hull

- King-size double berth with optional folding sofa.
- Double bridge-deck berth with stowage.
- Space for washing machine.
- Opening hatches and windows for added ventilation (as well as Static System).

Starboard Heads

- Optional single berth or stowage to midships cabin space.
- Manual Marine WC.
- Basin with mixer tap.
- Optional shower and sump pump.
- Vanity cupboard with mirrored doors.
- Escape hatch inboard in heads.

Engines

- Engines and propellers installed ahead of the rudders for improved manoeuvrability and weight distribution.
- Twin 20hp with sail-drives (optional 30hp).
- Fuel/water separators, filters and stopcocks.
- Easy access from large hatch on aft deck.
- Engine room ventilation to transom.
- Automatic bilge pump in each engine room.
- Engine rooms painted in fire retardant gel coat.
- Anti-syphon breaks fitted in raw water intake lines.
- Twin single lever throttle and gear controls at helm.
- Engine control panels on steering pedestal.
- Hot water calorifier in Starboard engine room.
- Space for Inverter and heating system in Port engine room.

Electrics

- 2 x 85Amp/hr engine start batteries.

- 2 x 110Amp/hr domestic batteries (more optional).
- 12v socket at navigation station.
- DC distribution panel with circuit breakers.
- Volt meters and amp meters to 12v systems.
- 16Amp/240V/50Hz AC panel (optional 120V/30Amp/60Hz USA).
- Volt meters and amp meters to 240v systems.
- Galvanic isolator.
- 5 x 240V sockets.
- Hot water element heater.
- Shore power cable and connector.
- Fuel and water gauges at navigation station.
- LED navigation lights fitted to mast.
- Batteries, breakers and isolators mounted under cockpit seat.
- Windlass control on foredeck and at helm.
- Space at helm for full electronics and plotter.

Deck

- Sealed and drained gas locker.
- 2 x large lockers at helm station.
- Large deck locker with windlass and chain compartment.
- 25kg anchor with 30m chain and 60m warp.
- 8 x mooring cleats.
- Stainless steel pushpits and pulpits.
- Stainless steel 600mm stanchions and bases.
- 2 x 19 stainless steel life-lines.
- Transom steps inlaid with cork decking.
- Starboard side boarding ladder.
- Wide, triple position helm seat.
- 2x Manual bilge pumps for hulls.

Services

- Water tank 300l with inspection hatch, filler and vent.
- Provision for water-maker.
- Pressurised hot and cold water system throughout.
- Hot water calorifier heated by engine, 240v or optional heater.
- Expansion tank.
- Colour coded, insulated pipe work throughout.
- Saloon mounted gas isolation valve.
- Gas bottle.

Sails

- Fully battened mainsail with roller bearing cars and 3 reefs (2 x single line).
- Zipped stack-pack sail cover.
- Furling self-tacking jib.
- Spars and rigging
- Anodized aluminium deck stepped mast.
- Anodized aluminium boom.
- Polished Stainless Steel chain plates.
- Standing rigging in 1 x 19 ss with bronze bodied roll swaged rigging screws.
- 1 x mainsail halyard
- 1 x jib halyard.
- 1 x spinnaker halyard.
- 2 x winches near helm for halyards/reefing and jib sheet.
- 2 x winches beside helm for main sheet and traveller control.
- Clutch jammers on all lines.
- 2 x Winch handles.

Construction

Both the hull and deck are vacuum bagged foam core with woven matt construction and solid GRP below the waterline. The deck has an integrally moulded non-slip finish. The hull-deck join are fully bonded and protected. All of the structural bulkheads are of vacuum bagged foam core construction. The Rapier 400 is virtually unsinkable due to its water tight bulkheads and buoyancy compartments fore and aft. The keels are sealed off from the hulls forming a double bottom.

Rudders and Steering

The rudders are robustly constructed. They are formed around stainless steel stocks with self-lubricating bearings. The steering system is hydraulic, operated from a wheel at the helm position. The starboard rudder has an access cover above and is designed to accept an emergency tiller.

Miscellaneous

- 2 x 10m mooring lines.
- 2 x 20m mooring lines.
- 6 x Fenders with 2m lines.
- Operational manuals for all equipment.
- Owners operating manual.
- Emergency tiller.

TECHNICAL SPECIFICATION

Engine :	2 x 20hp diesel with Saildrive
Rig :	Fractional sloop, aft stepped mast & bow sprit
Layout :	3 double cabins and two heads with shower RCD
Category :	Category A (Ocean)
Interior :	Hand built quality furniture and fittings in light Oak. Teak and Holly laminate flooring throughout.

LOA	12m	40ft
BOA	6.7m	22ft
Displacement (light)	5000kg	4.9ft
Draft	1m	3.3ft
Fuel	2 x 200ltrs	2 x 24.7gal
Water	350ltrs	88gal
Mainsail (STD)	58 sq.m	624 sq.ft
Self-tacking jib	28 sq.m	302 sq.ft
Reacher	96 sq.m	1033 sq.ft
