



Brigantine

For living and cruising
- one clever boat design covers both

SPECIFICATION



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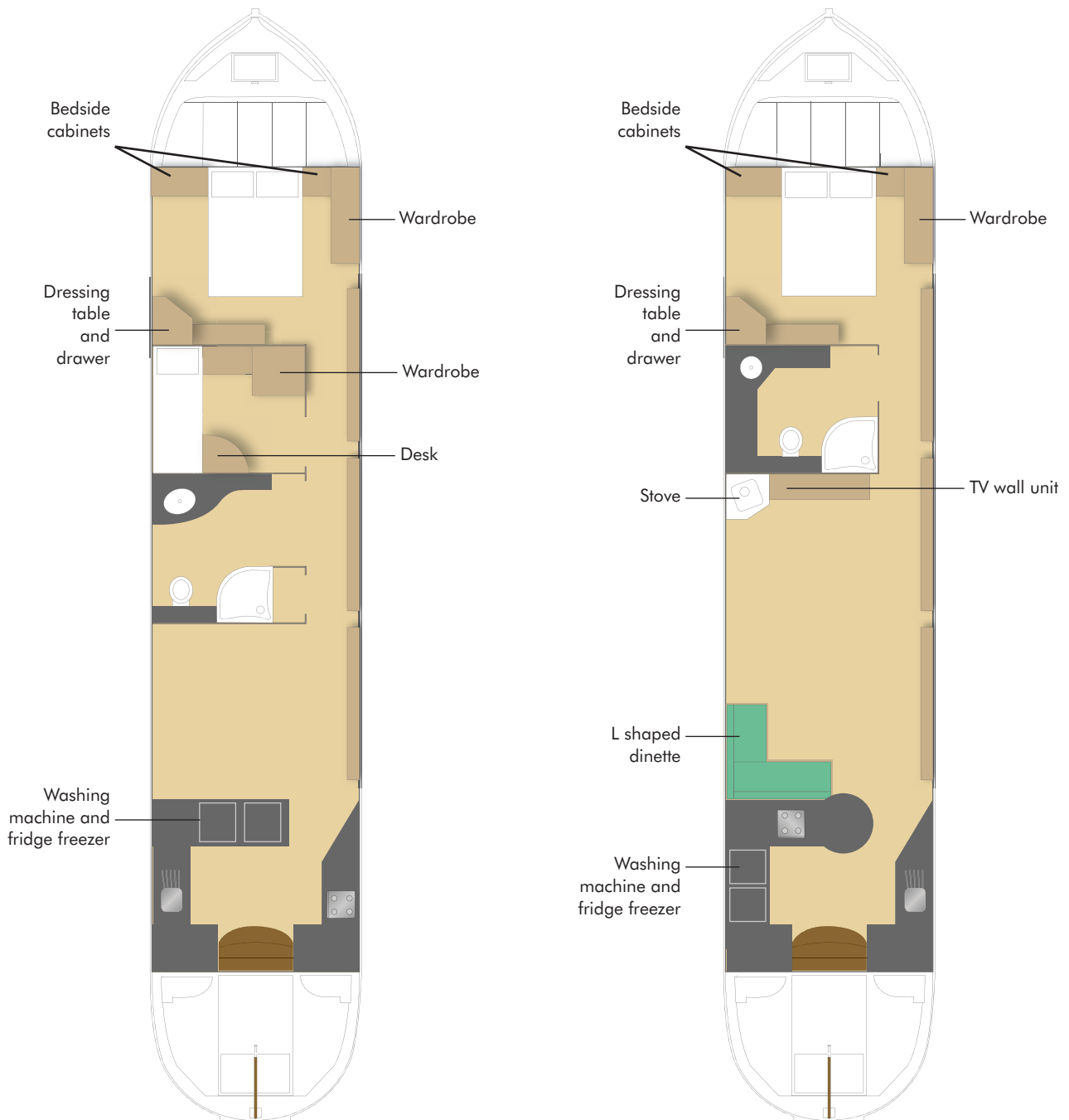
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Plans

Plans are shown for illustration purposes only and are not to scale.

Brigantine 60'x12' 6" examples



Boats are delivered to Mercia Marina which is included in the price (cranage and launch fee £495). We provide a thorough handover service which takes you through all aspects of the boat. What's more all boats are supported by our 12 months after sales support service.

Overview

The Brigantine is a 'wide-beam' barge style vessel, elegantly designed to offer the very best of both residential and cruising options, whether that be on the UK or European Inland Waterways.

With steelwork developed and constructed by renowned industry stalwarts, Tyler-Wilson Boatbuilders, the Brigantine is a boat that dynamically delivers on all fronts.

Constructed to the highest specification to allow for an exceptionally comfortable life afloat, Brigantine's hallmarks of its pedigree are obvious; detail of design; quality of steelwork construction; thoughtful attention to detail - both for ease of use and longevity of performance.

Bespoke level interior fit-out, 'domestic' system & engineering installations as well as exterior finishing, is by multi-award winning design & build Inland Waterway specialists Navigation Boats & Custom-craft, at their historic boatyard in Nantwich, Cheshire. Respected in the industry since 1994 for their honest & straight forward approach to all aspects of bespoke boat-building, Navigation B&CC have constructed a vast range of craft, for a variety of valued customers, including private individuals, charities & companies alike.

Available to specify & purchase exclusively through The New and Used Boat Co., our vast experience will skillfully guide you through the entire process (offering experience based advice as required) through to hand-over. Rest assured, your total peace of mind is our constant goal.

Some highlights of The Brigantine:

- **Qualifying Ship for residential VAT purposes**
- **Elegant and imposing design with great attention to detail**
- **Large choice of internal finishes (& combinations) such as oak, ash, cherry, maple and walnut, as well as a wide choice of traditional & contemporary paint finishes**
- **A mixture of Channelglaze barge style arch top opening windows and portholes**
- **A large glazed 'dog-box' style roof lantern in the saloon, plus 'Houdini' hatch in the master cabin**
- **Beautiful hand coach painted marine specification gloss paints to the exterior, skillfully applied following full shot blasting and multiple applications of 2-pack Epoxy Primer**
- **Three standard layouts available, in four production lengths, with a myriad of optional choices, plus further opportunities to access our completely bespoke design & build services**
- **Perfect for river & canal continental cruising**
- **Collapsible all-weather windscreen/aft-deck cover, and hydraulic wheel steering system available**

Technical

Steelwork

- **Plating** 10mm/6mm/5mm/4mm (43A spec. plate)
- **Style** Classic wide-beam river barge, with large cruising deck
- **Dimensions** 57'/60'/65'/70' (Length(s)) x 12'6" (Beam)
- **Draft** Approx.- 2'6" (bunkered & laden)
- **Decks** All self-draining, anti-slip coatings
- **Weedhatch** 'Safety' design (thru' deck), with quick release baffle plate
- **LPG Locker** To hold 2 off 7Kg standard bottles
- **Rubbing Strakes** Two, full length – heavy-duty
- **Lockers** Anchor chain, bow-thruster & storage lockers – all at bow
- **Anodes** Four, 2.5Kg magnesium sacrificial
- **Access** Extra wide & long aft steel hatch (on bearing rollers) & door (mortice locked)

Engine & Propulsion

Fitted as standard with a keel cooled, 4 cylinder 4.5 litre inboard diesel fueled 'Shire 90' engine, which is based on a John Deere 4045DFM M2 block, coupled to a PRM 260 hydraulic gearbox (2:1 reduction), all supplied & marinised by E.P.Barrus (Bicester, UK). This incredibly robust, reliable & quiet unit features an output of 90hp (@2500rpm), direct injection, one 110amp alternator & one 120amp alternator, a dry 'hospital' silencer and is Tier 4 emissions compliant.

For complete peace of mind – all Barrus/Shire engines come with a full 5-year warranty (from date of commission).

We offer various upgrade options for the propulsion of The Brigantine dependent on anticipated usage and/or future requirements, including driven generation, deluxe control panel, larger outputs and final drive systems.

Tanks

Water tank ('fresh'); bespoke fully baffled food grade polypropylene, mounted in-board (underneath the fixed double berth in the forward master cabin (therefore in the insulated area of the vessel)) - Approx. 900 litres (200 Imp. Gal.).

Fuel tank ('diesel'); fully baffled integrated into the hull (underneath the seating area on the aft deck) with drain-off valves & pressure tested/certificated – Approx. 450 litres (100 Imp. Gal.).

Waste tank ('black water'); 'Vetus' fully baffled mounted in-board (underneath the converting single berth in the guest cabin/study (therefore in the insulated area of the vessel)) - Approx. 225 litres (50 Imp. Gal.)

Technical (cont'd)

Heating

Webasto Thermo 90 ST diesel fired compact central heating boiler, connected to high-efficiency panel radiators/heated towel rail in all areas & cabins, totaling approx. 7kW of output. Installed with timer & room thermostat. Designed for constant daily use with infinitely variable power adjustment, high heat output, extremely low noise levels and is very 'service-friendly'.

Also provides hot water and is coupled to a twin coil calorifier (which is also mated to the engine cooling circuit, and has an immersion heater element (powered from AC 'landline' input).

Brigantine is also fitted with a stand-alone Morso 'Squirrel' multi fuel stove within the saloon area. Installed to the latest codes of practice, it has a twin walled flue & heat-resistant board built into the hearth area. (As it is envisaged that most Brigantine's will be used for residential and/or extended cruising purposes, the solid fuel stove is not connected to the central heating system, meaning that if the worst came to the worst, warmth can always be generated, regardless of any other systems).

240v (AC) Power Systems

A fully integrated 240v (AC) system is fitted to the boat, as standard. A fully automatic Victron 2kW 'Combi' inverter/charger supplies 2000w of power from the on-board batteries, as well as 80amps of charge to the batteries, when connected to an external 'landline' AC supply. When connected to this supply, the incoming power is fed around the entire AC ring main. All AC systems are fully RCCD protected, installed by qualified electricians to the latest marine & domestic standards and all plumbing is earth bonded. The interior AC ring main system is fitted with a generous number of 13amp standard 3-pin outlets, positioned correctly in all cabins/areas.

We offer various upgrade options for the 240v system dependent on anticipated usage and/or future requirements, including on-board generation and larger output inverter/charger units.

12v (DC) Power Systems

4 off 110amp semi-traction domestic batteries are installed within the engine compartment, along with a dedicated 110amp 'starter' battery for the engine, with charging from dedicated alternators as well as from the automatic 'smart' charging via a 'landline' supply. Connected to a purpose built DC distribution panel which has dedicated circuit breakers for all appliances and equipment.

Lighting is an ample mixture of ceiling mounted LED down-lighters & stylish wall mounted lamps. All lighting is controlled by remote mounted wall switches and is arranged in 'groups' for each cabin/area. Lighting is also '2-way' switched, meaning that lights can be switched on & off, from each end of the cabins (so no stumbling around in the dark!). A number of logically placed 12v socket outlets are installed, for mobile phone charging etc.

We offer various upgrade options for the 12v system dependent on anticipated usage and/or future requirements, including additional and/or AGM batteries, solar charging and alternators with greater outputs.

External

Steelwork

Beautifully detailed and refined steelwork brings a touch of elegance to such a large craft. Built to the latest CBA Code of Practice guidelines, by a team of Boat Builders with generations of 'hands-on' experience. The steel is the highest quality 43A standard milled steel, fully grit blasted with at least 3 coats of 2-pack epoxy primer, prior to a hand painted, high-gloss coach finish being applied using marine specification enamels. The hull section of The Brigantine is also fully grit blasted, with at least 3 coats of International Intertuf bitumastic solution applied, prior to launch.

Paint Scheme & protection

We offer a wide range of designs and paint combinations (two colour application as standard) to personalize your new boat. All decks, roof & gunwale top-planks have an anti-slip coating. Bespoke paintwork options are available including additional colours, coach-lines, paneling & traditional sign-writing.

Windows & exterior fittings

All windows are of the highest quality, and are manufactured to our specifications by renowned industry experts, Channelglaze (based in Birmingham). The style is classic barge shape, with arched tops & drop-back vents, using certified toughened glass. Four windows and six portholes maintain a traditional exterior look. All window & porthole frames are manufactured from aluminium, and are available in a variety of either anodized or powder-coated finishes.

Exterior fittings and equipment are available in either brass/gold, or stainless steel/chrome finishes, and include; headlight & horn, high & low level ventilation, navigation lights.

To allow plenty of light & fresh air into the Brigantine, we have specified 3 items as standard; a large, glazed & opening traditionally styled 'dog-box' roof lantern over the saloon area; an opening glazed 'Houdini' hatch in the master-cabin, plus opening windows/doors also in the master cabin, which allows a great view over the bows, as well as acting as a forward escape hatch, in compliance with current regulations. We are happy to discuss changes to window specifications & sizes, should you wish for a more bespoke option.

Cruising Equipment

Included with Brigantine; forward, aft and 6 side fenders; landline extension lead (for connecting to shore based power outlets); day-to-day equipment – 2 mooring pins, mallet, tiller bar & pin, windlass, lifebuoy, fore & aft ropes, chimney stack & coolie hat; RCD/BSC equipment – fire extinguishers, fire blanket, as well as a smoke & CO warning alarm.

Also included is an anchor (with correctly calculated chain & rope lengths), operated by a fixed, heavy-duty winch, which is manually operated, at the bow.

Internal

Layout

Stern followed by large saloon area, guest suite/study (if requested), shower/WC compartment, with the master bedroom cabin located at the bow – giving privacy to this personal area. We are happy to discuss and accommodate changes to the overall layout design or sizes of individual rooms & areas. Brigantine is currently available in four standard lengths 57, 60, 65 and 70 feet.

Lining out & materials

The internal fit-out of Brigantine is a contemporary mixture of complimentary materials & finishes, designed to maximize the appearance of space as well as creating a beautiful & stylish ambience. Choice of panel & trim materials include highest quality ply, blockboards & solid sections (T&G for example) in a variety of species including oak, ash, cherry, maple and walnut, as well as a wide choice of traditional & contemporary paint finishes.

Particular attention is paid to the hidden aspects of the lineout process, with PU insulation boards being cut & glued (to the steelwork) by hand, as well as the ballast being laid with aeration gaps. We are happy to discuss additional insulatory techniques & methods, including under-floor and secondary 3M full blanket wrapping.

It should be noted that no MDF (Medium Density Fibreboard) is used in the construction of Brigantine.

Flooring

For Brigantine, we offer a selection of flooring finishes, colours & options, which we would be delighted to discuss with you. Standard materials are Karndean tiling in the galley, main corridor (bow to stern) and shower/WC compartment, and high quality wool blended carpets (with underlays) in the saloon area & bedroom cabins.

Interior finishes

Similar to the flooring options above, we offer a full selection of soft furnishing options, tiles, work surfaces and varnish finishes. With so much choice, you really can make your Brigantine unique to you.

Galley

The logically laid out galley is located at the stern of the boat and has been designed to make the best use of available space, as well as making a statement when entering the cabin. It features beautiful and luxurious granite work surfaces with an under-slung stainless steel sink with drainer grooves milled into the work surface. Appliances include a large stainless steel LPG oven & hob with stainless steel & glass extractor unit above and fitted fridge. Ample storage is also included, with a mixture of floor & wall cupboards/cabinets, drawers & pullout larder.

Again, we offer, and are happy to discuss full personalisation of your galley, exploring different finishes, colours and different/additional appliances such as integrated freezer, wine chillers/warmers, traditional diesel fired range type cookers and storage solutions.

Internal (cont'd)

Saloon

A generously proportioned and comfortable saloon awaits you onboard your Brigantine. An airy space for entertaining, relaxing, dining or working - with luxurious carpets underfoot and the feature 'dog-box' lantern overhead, this is an area that will never fail to impress!

With space for a large 'L' shaped sofa forward of the galley, there are 2 focal points within the room; the stylishly presented Morso 'Squirrel' solid fuel stove on the centerline, and the under gunwale cupboard to the starboard side, pre-wired for a free view flat-screen TV (of up to 42").

Also in the saloon area is a bespoke table & 4-chair set, which stows away when not in use and can be used for 2 or 4 place settings, as required. Attractive feature storage space is included in the saloon area, with adjustable shelving for books and other items.

Guest Suite/Study (optional)

Whether you are expecting regular guests, need a second bedroom for other family members or a space to work from, you may wish to consider the option of another enclosed room.

Available in a variety of layouts

- Guest suite & study combined. A clever bed/sofa arrangement that is either a single or double bed that can be dressed as a sofa during the day. Also included is a floor to ceiling single wardrobe, chest of drawers with folding desk attached and space for a chair.
- Guest suite only. As above but without the folding desk but including options of single to double converting bed, or single or double berths only.
- Childs bedroom. Bespoke bunk beds along with wardrobe and chest of drawers, or 2 wardrobes with half hanging & drawers below.
- Study only. 'L' shaped desk with cupboards, drawers, filing space and shelving.

Whichever layout option you may choose, a number of elements are standard fit; soundproofed 'stud' built walls, solid timber door, sockets & remote switched LED lighting and pre-wiring for a wall mounted free view flat-screen television.

Shower/WC Compartment

The luxurious 'bathroom' is designed both for guests/visitors, and as an ensuite too! Thoughtfully designed with 2 individual doors (one from the corridor and one from the master cabin), this is a spacious compartment with a luxurious & contemporary feel. In one corner a large 900mm quadrant shower with smart thermostatic mixer & spray head on a riser-rail, which is lined in a maintenance free material - 'Reefboard'. A contemporary styled counter top basin, with pedestal tap, sits on top of clean high-gloss floor cabinets giving lots of storage space for toiletries and linen etc.

The toilet is a top quality Vetus macerator model, with 'domestic' styled china bowl, 2 stage eco-flush control & waste tank volume gauge. Reliable, economical & simple to operate, with performance to match aesthetics.

Internal (cont'd)

Master Bedroom Suite

Located at the bows, the 'super king-size' fixed double bed continues the feel of private luxury to Brigantine. Underneath the bed is the fresh water tank (the water pump is located in a soundproofed housing in the bathroom!) and 2 large capacity drawers on double slide runners. To each side of the bed is a bed-side table and low level storage shelves which highlight the sweeping curve to the bow.

Also in this cabin is a floor to ceiling double full hanging wardrobe to one side of the ensuite door, with a matching floor to ceiling cabinet to the other, with 'tall-boy' style drawers and a television enclosure above, pre-wired for freeview services.

Warm LED lighting, bedside sockets, soft carpet and a privacy door to the corridor complete this relaxing and private area.

Other highlights of this room include the opening hatch doors to the bow (with glazed interior windows) and a 'Houdini' type hatch bringing in light and fresh air when required.

Prices

one bedroom	two bedroom
60 X 12'6 FT	60 X 12'6 FT
from £149,950 ex VAT	from £154,950 ex VAT
Residential use*	Residential use*

*HM Customs & Excise Ruling

Widebeam vessels of a certain size may qualify for zero VAT, if they are being used as your sole place of residence.

Please contact us for more details if you are considering a purchase for residential use.

Bespoke lengths available upon request
Available in 1ft increments, fitted or unfitted

POA

POA

Options and upgrades

With regard to all of the above, the Brigantine is both a thoughtfully & tastefully designed 'turn-key' vessel and also a starting point for the ultimate in bespoke inland waterway boat building. Please contact us for further information on technical, external & internal options and upgrades.

Ownership and Aftersales**Handover & Delivery**

Standard delivery & handover will be conducted at Mercia Marina, which is included in the final price (cranage and launch fee £495.00). We provide a thorough handover service that takes you through all aspects of the boat and its equipment.

Pre-delivery quality inspections, with the boat builders at Nantwich Marina, are welcomed and are seen as an important part of our customer care and quality control measures. Please book these via the New & Used Boat Co.

All systems will be thoroughly tested and commissioned by the boat builders, prior to handover.

Warranties

Like all our boats, the Brigantine is fully supported by our 12 month warranty (underwritten by both boat builders) and after sales support service. (This 12-month warranty does not affect any machinery and/or equipment that have longer warranty periods attached, such as the engine).

Aftercare & Servicing

Along with our construction partners, Tyler/Wilson Boatbuilders and Navigation Boats, we are committed to offering our Brigantine customers the very best in ongoing aftercare and servicing, whether that be on the UK Inland Waterways, or further afield on the European Continent. Our network of trusted mobile service engineers & reliable skilled boatyards are at hand to assist you, quickly and reasonably.