



Brigantine

For living and cruising
- one clever boat design covers both

SPECIFICATION



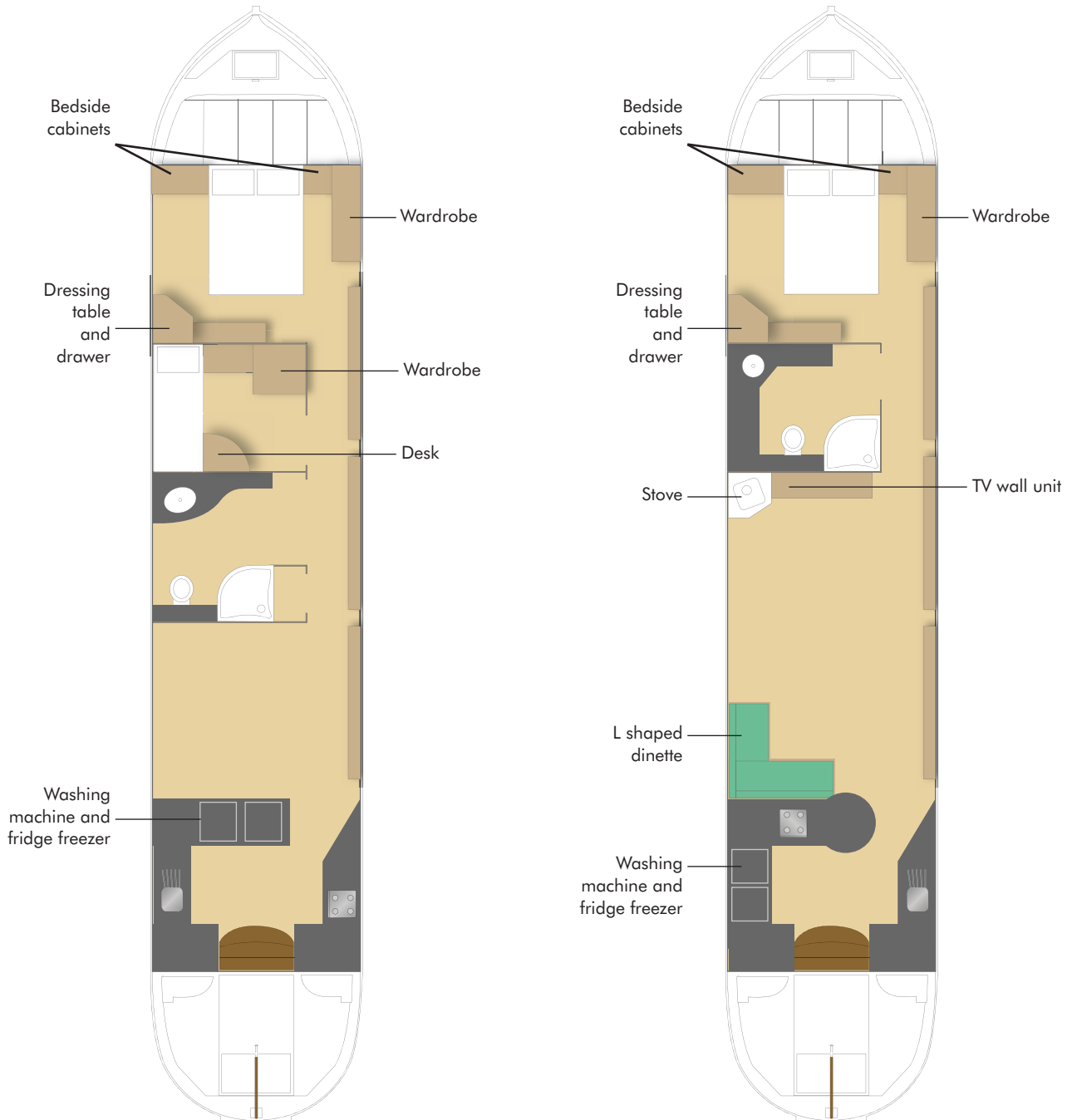
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www.newandusedboat.co.uk

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, 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 and thoughtful 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, or full folding wheelhouse, 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
- **Mooring** Heavy-duty steel bollards fore & aft. Stainless steel pair to mid-ships
- **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
- **Handrails** Tubular steel, full cabin length
- **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)
- **Fittings** Marine quality stainless steel exterior hinges, deck hardware & locks

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 5-year engine & component warranty (from date of commission) (A 1 year warranty covers all electrical components). Each Barrus/Shire engine is fully Dyno tested at Bicester HQ - with its own control panel, prior to it being dispatched for installation.

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.

Steering & Navigation

In standard trim, and with overall final cost in mind, Brigantine is designed with a tiller steering system, with balanced 'Schilling' style rudder, which is sculpted & shaped to maximize maneuverability (in forward & reverse).

Technical (cont'd)

Steering & Navigation (cont'd)

As an option, we offer a fully hydraulic wheel steered system, with a 'drop-on' emergency tiller extension. The steering wheel is housed on a bespoke steel binnacle, located on the aft cabin bulkhead, and can be positioned either to one side (generally to the port-side), or on the centerline, as the client prefers.

Also as an option, a 12-volt 'Sliepner Side-Power' bow-thruster is offered. This option can also be supplied & installed in hydraulic form

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'); balanced, 'split' & integrated into the hull (within the engine room) with drain-off valves & pressure tested/certificated – Approx. 500 litres (110 Imp. Gal.).

Waste tank ('black water'); 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.).

Interior Heating

Webasto Thermo 90 ST diesel fired compact central heating boiler, connected to the correct number of 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 emersion 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 fully tiled 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.)

We offer various upgrade options for the internal heating of The Brigantine, dependent on anticipated usage and/or future requirements, including various boiler type upgrades ('Kabola'), solid fuel stove back boiler connection, diesel fired stove option (in-place of solid fuel type) and 240v under-floor systems.

(As important to generating warmth, is retaining the same. To this end, our already highest quality 'sprayfoam' insulation (supplied & applied by industry long-standing specialists 'Websters') can be added to, and/or upgraded, with under-floor insulation panels and secondary '3M Thinsulate' blanket wrap (which also adds incredible sound insulation, as well as additional heat retention). Full double-glazing to all windows can also offered as an option.).

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 attractive 13amp standard 3-pin outlets, positioned correctly for day-to-day use 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 (stand alone or engine driven) and larger output automatic 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 thoughtfully located, purpose built DC distribution panel, which has dedicated circuit breakers for all appliances and equipment.

Lighting is an ample mixture of 'warm or cool' ceiling mounted LED down-lighters & stylish wall mounted lamps. All lighting is controlled by remote mounted wall switches and is arranged in sensible 'groups' for each cabin and/or area. Lighting is also '2-way' switched, meaning that lights can be switched on & off, from each end of the cabins/corridor(s) (so no stumbling around in the dark!). A number of logically placed 12v socket outlets are installed, for mobile phone/automotive gadget 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. The interior & exterior 12v lighting system can also be extended, to include ambient LED feature lighting at low, mid and/or high-levels, as well as in engine room & internal/external cupboards & lockers (with automatic on/off switches if required).

External

Steelwork

Beautifully detailed and refined steelwork, which brings elegance & grace to such a robust & imposing craft, with thoughtful design features to make moving around the boat (whilst underway, or at berth) as straight forward & safe as possible.

Built to the latest CBA Code of Practice guidelines, by a team of Boat Builders (& Designers) with generations of 'hands-on' experience (and numerous 'Best of Show' accolades). The steel is of 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.

The overall hull design is one that has been refined over the last 30 years, bringing unparalleled levels of handling accuracy & stability. Constructed with a flat bottom, fully chined sides and correctly proportioned fore & aft swims, Brigantine steers beautifully, whether in forward or reverse – belying a craft of her size.

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 (exclusively hand painted by Andy Russell).

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/fully removable opening main panes, using certified toughened, single glazed 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 stainless steel and/or chrome finishes, and include; door hinges/locks/handles, headlight & horn, high & low level ventilation, navigation lights (fitted as standard on Brigantine) & mid-ship mooring bollards.

To allow plenty of light & fresh air into the Brigantine, we have specified 2 attractive features as standard; a large, bespoke, double-glazed & opening traditionally styled 'dog-box' roof lantern over the saloon area; 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, such as full double-glazing as standard and an opening glazed 'Houdini' hatch in the master-cabin. (External vinyl winter storage covers can also be supplied for all opening hatches, to add additional security & extreme weather protection).

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 (located in the galley).

Also included is an anchor (with correctly calculated chain length), operated by a fixed, heavy-duty winch, which is manually operated, at the bow. As an upgrade option, a 12 volt powered anchor winch (with foot switches positioned at the bow) can be supplied & fitted

Internal

Layout & Style

The standard Brigantine layout is of the highly popular and practical 'reverse' style, with galley at the 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. The Brigantine is currently available in three standard lengths; 60 (minimum for Qualifying Ship purposes), 65 and 70 feet, although we do offer the flexibility of additional 1 foot length increments, either as 'open space', or fully fitted.

We have designed Brigantine's interior, to both reflect & compliment the robust & graceful exterior lines. Contemporary finishes, carefully balanced with traditional style, give a first and true impression of solidity & a very much 'little-ship' like feel.

Internal (cont'd)

Lining out & General 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.

In standard guise, Brigantine is finished thus; Lower sides - solid oak tongue & groove boards along chine linings and oak veneered & grained ply above the chine linings (apart from master cabin, which is hand-painted birch ply); Upper sides – either hand painted birch ply, or oak veneered & grained ply, with 'chunky' solid oak traditional feature paneling (apart from master cabin, which is solid oak tongue & groove boards); Ceiling/Deck-head; either hand painted birch ply, or oak veneered & grained ply, with oak blockboard/solid oak trimmed central & side service duct covers (fully demountable for access); Internal doors – solid oak, planked style 50mm thick ('domestic' type); Trims – all bespoke, manufactured in-house and machined from locally & ethically sourced solid oak rough-cut planks; Furniture – a mixture of oak ply's & blockboards, and solid oak trims.

Particular attention is paid to the hidden aspects of the lineout process, with the highest quality 'spray foam' insulation professionally applied (by 'Websters), or as an option, PU insulation boards being cut & glued (to the steelwork) by hand, as well as the concrete slab ballast being laid with aeration gaps. We are happy to discuss additional insulatory techniques & methods, including under-floor and secondary '3M Thinsulate' full blanket wrapping.

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

All interior dividing bulkheads & 'walls' are of the most solid 'stud' type construction, with sound proofing & warmth retaining insulation within.

Flooring

For Brigantine, we offer a selection of flooring finishes, colours & options, which we would be delighted to discuss with you. Standard materials are ceramic tiling, or water resistant laminate 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.

A popular upgrade option is 'Karndean' laminate flooring, which is installed by registered fitters and thus features a minimum 10-year guarantee. Solid timber, or engineered timber flooring can also be fitted.

Interior finishes

Similar to the flooring options above, we offer a full & standard selection of soft furnishing options, tiles, work surfaces and varnish finishes.

The master cabin king-size double bed is supplied with a top quality pocket sprung mattress, and can be specified in 'soft, medium or firm'. If the 2nd bedroom option is chosen, a memory foam option is supplied as standard, which can also be specified as pocket-sprung, if required.

Internal (cont'd)

Interior finishes (cont'd)

Alternatively, if you would prefer to choose your own tiles & fabrics, we are happy to offer a cost rebate allowance, against our standard range.

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 hardwood work surfaces & tiled splashbacks, with an under-slung stainless steel sink with drainer grooves milled into the work surface (The work surface is sealed oil a minimum of 5 times, prior to final fitting). Appliances include a large stainless steel LPG oven & hob with stainless steel & glass extractor unit above and concealed fridge (12-volt as standard). Ample storage is also included, with a mixture of floor & wall cupboards/cabinets & drawers, which all feature soft-closing mechanisms.

Again, we offer, and are happy to discuss full personalisation of your galley, exploring different finishes, colours and different/additional appliances such as concealed freezer, wine chillers/warmers, traditional diesel fired range type cookers and storage solutions (such as pull-out larders etc). We are also very happy to discuss alternate layouts for your galley, including breakfast bar, or island unit.

As standard, one low level cupboard (with door) is fully prepared & plumbed for a standard size washing machine/dryer, which we are happy to supply as an option, or fit as a 'free issue' item, should you wish to self procure.

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' double glazed lantern overhead, this is an area that will never fail to impress!

With enough 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 unit to the starboard side, fully 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 stores away when not in use and which can be used for 1, 2, 3 or 4 place settings, as is required, and is designed to be fully set under the roof 'dog-box' (which is also thoughtfully 'lit' for evening use). This adaptable dining solution, when not in use, stores below a stylish & very 'ship-like' traditional bureau unit, with integral drawers, and with one leaf of the table in the 'up' position, doubles as a very stylish desk/workspace/chart table.

Either side of the solid fuel stove, attractive feature storage space is included in the saloon area, with adjustable & ambiently lit shelving for books and other items, and includes 2 drawers (matching the bureau unit).

As is the nature of Brigantine, we are happy to discuss any further storage options and/or fixed/converting seating requirements.

Internal (cont'd)

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 2 standard layouts;

- Guest suite only. Full height single wardrobe (a second matching wardrobe can be optioned) and single or double bed.
- Study only. Large 'L' shaped desk with cupboards, drawers, filing space and shelving.

Or as further options;

- 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.
- Childs bedroom. Bespoke bunk beds along with wardrobe (half hanging times 2) and chest of drawers (or 2 wardrobes with half hanging & drawers below can be optioned).

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, aka 'Jack & Jill' style), 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 a-top clean bespoke floor cabinets giving lots of storage space for toiletries. To one side is a floor to ceiling shelf unit, designed for amongst other items, folded towel rails & linen

The toilet is a top quality Johnson 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.

(Should you not wish for the en-suite door within this compartment, this can be changed (at no cost) with a solid wall, and either an additional low level unit within the compartment, or a bedroom dresser on the other side of the wall.)

As the rest of Brigantine, this room features switched LED lighting, solid oak doors and insulated stud walls.

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 storage unit (blended in to the T&G lined chines) and low level storage shelves which highlight the sweeping curve to the bow.

Internal (cont'd)

Master Bedroom Suite (cont'd)

Also in this cabin is a floor to ceiling single full hanging wardrobe to one side of the ensuite door, which features a full length mirrored door (which can be angled to suit), with a matching floor to ceiling double/half hanging wardrobe to the other, with 'tall-boy' style drawers under.

Behind the solid oak main cabin door, is pre-wiring for a free-view television.

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'). A 'Houdini' type opening roof hatch bringing in light and fresh air when required, is available as an option for this cabin.



Prices

one
bedroom

60 X 12'6 FT
from £149,950**
Residential use*

two
bedroom

60 X 12'6 FT
from £154,950**
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

SALT WATER PACKS - HIGHLY RECOMMENDED

If you are planning on sailing near or in brackish water then you will need at least Option 1 of the following Salt Packs.

Salt Water Pack - Option 1

Shot blast hull sides to rubbing strake
3 coats 2 pac coal tar
1 coat antifoul
4 salt anodes
£1,250.00 ex vat

Salt Water Pack - Option 2

All of option 1 PLUS:
shot blast base plate
3 coats 2 pac coal tar to base
1 coat antifoul to base
£1,750.00 ex vat

OPTIONS & UPGRADES

Technical, external & Internal

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 & 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.

Warranty and Aftersales

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).

Once you take delivery of your new Brigantine you will benefit from 12 months warranty, plus longer on certain component parts. The warranty service is provided by The New & Used Boat Co alongside