

# Detailed Specification

5th April 2019



**TRINITY BOATS**  
*beautiful bespoke narrowboats*

## Typical Detailed Specification

Whilst the below details our typical specifications and options, all of our boats are custom built to each clients' unique requirements

As independent, experienced and innovative boat builders we're able to offer unrivaled flexibility in our narrowboat designs

### Hull Data

#### Dimensions & Steel Spec:

Length:	Up to 21.336m (70' 0")
Beam:	2.100m (6' 10")
Steel Spec:	10/6/5/4mm 275 JR A Grade
Draught:	0.660m (2' 2")
Berths:	Up to 8
Cabin Head Height:	1.980m (6' 6")
Insulation:	Spray Foam throughout

#### Tank Capacities:

Fuel:	217 litres
Fresh Water:	495 litres
Waste:	290 litres

### Certifications:

RCD:	RCD (2013/53/EU)
BSS:	Boat Safety Scheme - Yes (4 Years)

## Typical Specification

### Mechanical data

#### Engine Room / Electrical / Heating / Plumbing

Engine:	Beta Marine 43 HP Greenline Diesel Engine
Dash Panel:	Engine control dash panel mounted externally
Gearbox:	PRM 150 hydraulic gearbox
Control:	Morse SL3 single lever control
Silencer:	TW Marine 'Hospital generator' exhaust silencer
Transmission:	3 blade right-hand bronze 18" propeller with 1 ½" diameter stainless steel prop shaft attached to Aquadrive Moduline CVB05.10 anti-vibration system
Bow thruster:	(Available as extra)
Stern tube:	Brass with remote greaser mounted in the stern locker for easy access
Bilge Pump:	Engine Room - Johnson Duraport L650 Submersible Bilge Pump (12V)
Bilge Pump:	Beneath Wet Locker - Johnson Duraport L450 Submersible Bilge Pump (12V)
Batteries:	4 x Multicell 6V Traction Batteries T105 225 AH (Utility) 1 x Multicell Marine Sealed DP Battery 110Ah(Starter)
Alternators:	The 12V electrical system comprises of 2 x engine driven alternators, one for the starter battery (45A) and one for the utility batteries (175A)
Inverter:	Victron Multiplus. Model TBC
Isolator:	20A Galvanic Isolator
Heating:	Hot water Supplied by 54 Litre (12 gallon) Vertical Twin Coil Calorifier heated by an Eberspacher D4W Hydronic Diesel Central Heating System (4.3kW) and the engine.
Immersion:	Separate immersion heater element for water heating (230V, 1kW)
Thermostat:	Thermostatic blender valve fitted to prevent scalding.
Plumbing:	Hep2O plastic pipe & fittings.
Water Tank:	Stainless steel fresh water tank (495 litres) mounted under bow deck.
Water Pump:	Jabsco Parmax 4 Water Pump.

## Typical Specification

### Paintwork & Externals

#### Paintwork

Steel work:	Factory applied Jotomastic 87 2 pack epoxy primer and Intertuf blacking
Primer:	Hand painted x minimum 2 coats
Undercoat:	Hand painted x minimum 2 coats
Top Coat:	Hand painted x minimum 2 coats. Up to 3 Colours Gloss Coach Enamel
Sign writing:	Hand-painted or Vinyl (Individually designed and available as extra)

#### Externals

Lockers:	Stern & bow lockers with seating & storage below
Storage:	One Stern Gas locker with storage for 2 x 6Kg gas bottles
Roof Vents:	Stainless steel Roof Vents by Vetus
Windows:	Anodized Aluminium framed windows & portholes as detailed below
Windows:	Double glazed windows with Thermal breaks and powder coated finish. (Available as extra)
Side hatch:	2 x steel doors with hard wood timber inserts
Bow Doors:	Double glazed, high security, UPVC bow doors with Or without side window panels,
Door Finish:	Options - White / Anthracite /Oak Grey
Stern Doors:	Steel stern double doors with Yale security night-latch lock
Option:	Roof mounted single solar panel (Photonic Universe FLPRO 160W). (Available as extra)
Stern Deck:	Illuminated external controls for Horn, Headlight, Bilge Pump & Deck Lights
Headlight:	LED

## Typical Specification

### Cruising pack

Standard cruising pack supplied with every boat.

Fender:	Stern - Black rope extended rear button fender (17")
Fender:	Bow - Black rope U shaped bow fender
Fenders:	Sides - 6 x black rubber side fenders
Ropes:	Front, Rear and centre mooring ropes (10m each, black)
Hook up:	Shore Power connection cable (25m)
Hose:	Food-grade hose pipe & connector (15m)
Mooring:	2 x mooring hooks, 3 x mooring pins plus 1 x Lump hammer
Tiller:	1 x Chrome/wood tiller handle and chrome pin
Windlass's:	2 x short windlasses plus 1 x long handle windlass
Buoy:	1 x Lifebuoy
Fire:	Fire Extinguishers plus Fire Blanket in accordance with BSS requirements
Key:	BWB - x 1
Key:	Handcuff - Anti-vandal x 1
Keys:	Cork floats - x 2 sets

## Typical Specification

### Internal Fitting & Finishes

#### Internal Wall & Ceiling Finish Throughout

Walls:	Above gunwales: Allura interior/exterior quality expanded marine vinyl with 3mm foam backing. UV stabilised, mildew and stain resistant, fire retardant to BS5852 Pt 1 (IGN Source 0 & 1)
Gunwale Trim:	15mm x 70mm solid American white oak
Gunwale:	Below - Painted Tongue & Groove effect, Moisture Resistant MDF (Paint colour TBA)
Ceiling:	Painted Tongue & Groove effect (V Groove), Moisture Resistant MDF (Paint colour TBA)
Ceiling Trim:	20mm x 144mm solid American white oak

#### Galley:

Flooring:	PEC 5G Clic Luxury Vinyl Tile (LVT), with insulated backing. Finish as required
Options:	Hard wood. (Available as extra)
Windows:	Single glazed, 2 x large (36" x 21") full hopper-type windows with solid oak window liners and roller blinds. (Choice from selection – Blinds to go – eg Sevilla Red)
Options:	Double glazed with thermal break and Polyester Powder coated frames. (Available as extra)
Units:	Multiple Storage cupboards, exact style of kitchen TBA
Sink:	Stainless steel single bowl round sink/drainer with chrome mixer tap.
Options:	Sinks - Ceramic, Composite, Granite, Acrylic. (Available as extra)
Options:	Taps - Various styles, Integrated water filter tap. (Available as extra)
Worktop:	Premium 38mm laminate worktop & upstand (exact design/colour TBA)
Options:	Solid wood, Corian, Granite. (Available as extra)
Fridge:	12V under counter fridge (colour TBA)
Calorifier:	Cupboard housing calorifier with airing cupboard over (starboard side)

## Typical Specification

### Internal Fitting & Finishes

#### Internal Wall & Ceiling Finish Throughout

#### Galley: Contd...

- Wet locker: With coat hooks, plus electrical control panel over, housing: 12VDC Breakers; 12VDC. Batteries Voltage Indication & selector switch; 230VAC Shore Power Breaker & indicators; Switches for Heating; DAB/FM radio/CD Car Audio Unit; Bilge Pumps switch & USB charging point
- Microwave: 700W 17 Litre 230V manual microwave oven, built into starboard side cupboard (colour TBA)
- Option: Washing machine - Zanussi ZWC1301 Washing Machine. (Available as extra)
- Inverter: Isolation Switches & further electrical controls mounted behind hinged coat hook panel
- Cooker: Full Sized Thetford Caprice MKIII LPG cooker with 4 x hob burners, grill & separate oven
- Radiator: CenterRad compact central heating radiator (400 x 450mm) below rear steps
- Lighting: Under-gunwale - Feature LED lighting
- Lighting: Ceiling - LED down lighters with two-way switching
- Extractor: 12V ceiling extractor fan
- Sockets: 3 x double gang 230VAC sockets (position TBA)□
- Options: Accessories - Plinth drawers, Plinth lighting, Wine cellar. (Available as extra)

#### Open Plan Living Area / Saloon:

- Windows: 3 x large (36" x 21") full hopper-type windows with solid oak window liners and thermal lined, made to measure roman blinds (choice from Blinds 2 Go, fabric range)
- Side hatch: With double doors with solid hard wood inserts
- Dinette: Pullman-style Dinette with bench seating either side and large rectangular table, converting to double bed (4ft x 6ft 3in). Upholstery fabric choice from selection - TBA
- Options: Many dining area options available to suit individual requirements
- Radiators: 2 x large modern anthracite oval column style central heating radiators

## Typical Specification

### Internal Fitting & Finishes

#### Internal Wall & Ceiling Finish Throughout

#### Open Plan Living Area / Saloon: **Contd...**

Television:	24" 12V TV/DVD combi – mounted on adjustable bracket on saloon side of bathroom bulkhead
Option:	TV positioned within shelving unit. (Numerous options available as extra)
CD player:	Good quality Car type
Speakers:	2 x wall mounted audio speakers
Alarms:	Fire Angel SCO5Q Combination Smoke & CO Alarm
Lighting:	Ceiling - LED down lighters with two-way switching
Lighting:	Under-gunwale - LED lighting
Switches:	Brushed chrome light switches and sockets, or similar as required.
Flooring:	PEC 5G Clic Luxury Vinyl Tile (LVT), with insulated backing. Finish as required
Options:	Hard wood. (Available as extra)
Log Burner:	Solid Fuel Stove and surround (Available as extra)

#### Bathroom:

Style:	Full width luxury walk-through bathroom OR Corridor Bathroom
Doors:	Howdens Genoa Oak finish doors with magnetic door stops
Toilet:	Jabsco Deluxe Flush Electric Toilet – ceramic bowl & quiet flush cycle
Storage:	Roca High Gloss Vanity unit with 3 x drawers, with monobloc mixer tap- or an alternative of your choice.
Storage:	Under-gunwale built-in cupboard to match vanity unit
Shower:	Large quadrant shower cubicle (760mm x 900mm) with Thermostatic Mixer Shower



## Typical Specification

### Internal Fitting & Finishes

#### Internal Wall & Ceiling Finish Throughout

#### Bathroom: Contd...

Pump:	Jabsco 50880-1000 12V self-priming diaphragm shower pump (up to 16 ltr/min)
Storage:	Service hatch to shower pump with built in towel storage above (under gunwale)
Lighting:	Shower Light with Extractor Fan
Mirror:	Bathroom mirror over sink
Shaver:	Electric Shaver Point
Radiator:	2 x towel radiators
Windows:	2 x 18" full hopper-type, porthole windows with polished aluminium window liners
Blinds:	2 x Moisture Resistant Roller blinds (choice from selection – Blinds 2 go)
Lighting:	LED ceiling down lighters
Flooring:	PEC 5G Clic Luxury Vinyl Tile (LVT), with insulated backing. Finish as required

#### Front Bedroom:

Bed:	4ft x 6ft 3in fixed double bed with 2 large storage drawers built into base
Option:	6" pull out extension to bed width with 2 section folding mattress. (stored under-gunwale when bed extension not in use)
Storage:	Additional storage area below bed, accessed via removable panels under mattress
Mattress:	Memory foam Tencil mattress (150mm depth) with washable zip covers,
Headboard:	Padded headboard with built in LED reading lights
Cupboard:	Light oak over-bed storage cupboard with open storage shelf (with USB phone charging point)
Wardrobe:	Light oak full height wardrobe with internal mirror, hanging rail & 2 shelves

## Typical Specification

### Internal Fitting & Finishes

#### Internal Wall & Ceiling Finish Throughout

#### Front Bedroom: **Contd...**

Dresser:	Light oak dressing table with mirror over
Charger:	USB charging point, 230VAC socket with access hatch to water pump and storage.
Storage:	Front step with hinged lid access to storage
Radiator:	1 x large modern anthracite oval column style central heating radiator
Bow Doors:	Dark grey(external)/white (internal) UPVC double glazed high security front doors & windows
Windows:	2 x 18" full hopper-type, porthole windows with oak window liners
Plugs:	Porthole plugs & front door/window blinds to match headboard
Lighting:	Under-gunwale. Feature LED lighting
Lighting:	Ceiling: LED down lighters with two-way switching
Flooring:	Carpet with good quality underlay

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