

TECHNICAL GEM 45 and GEM 54

Engines

SHIRE 38: engine: 4 cylinder 2190cc, 38hp engine with a 50 and a 140 amp alternator and fitted with PRM 120 gearbox. Control panel with tachometer and hourmeter and warning alarms for charging, oil pressure and water temperature.. Greaseless stern tube. Separate start battery and 220Ah domestic battery bank.

Tanks

Latest rotational moulded potable water tanks with capacity of approx.. 100 gallons. Integral diesel tank with capacity of 55 gallons.

Heating system:

Webasto diesel boiler fitted in engine compartment for cabin heating and hot water. Skirting radiators with feature slotted wooden covers in cabins and towel rail in shower room. A calorifier provides hot water via the diesel boiler and waste heat from the engine. An immersion heater can be fitted to the calorifier for when the boat has the shoreline hooked up to an external supply.

240v power system

Shoreline connector is fitted to distribution unit fitted with RCD and ring main on craft with three double sockets. Standard on the GEM54 (and optional on the GEM45) is a Victron 12/1200/50 combination inverter charger providing 240V AC power from the 12V battery bank and also charging the 12V batteries when hooked up to a marina supply. Larger inverter units are available with upgrades of battery banks.

12v System

2 x 110 amp heavy duty domestic batteries and separate starter battery. Twin alternators are fitted separating the two battery banks. A 12V distribution panel with individual circuit breakers for the various circuits protects the various equipment and wiring from faults. Energy saving LED lights are used for cabin lighting.

EXTERNAL

Steelwork

Steelwork is prepared in accordance with paint manufacturers recommendations and then treated with a two pack epoxy primer both inside and outer sections of the steel hull. A paint system, formulated for the marine environment, is applied to the customers selected paint scheme. The underwater section is 'blackened' using specific narrowboat coating formulation over the epoxy primer for a durable, but easily maintained finish.

The steelwork construction is based upon a proven design developed over the last 25 years with all underwater seams welded both externally and internally and full length rubbing strake. 3 guards at bow and 3 at stern providing a robust structure for use on the canal network. Steel plating in 10mm/6mm/5mm/4mm.

GEM boats have cruiser stern with options of semi-cruiser and semi-trad available.

Standard features include :-

Self draining decks, Quick release weed hatch, gas locker for 2 x 6kg LPG bottles, full length handrail with safety inner grip and large forward bow locker.

Steelwork protection includes magnesium sacrificial anodes and a galvanic isolated fitted to the incoming shoreline.

Stern doors Steel, lockable

Bow doors Hardwood, glazed and lockable

Cruising pack

Front and rear fenders, mallet, 2 mooring pins, tiller and pin, windlass, lifebuoy, front and rear ropes, fire extinguisher and fire blanket.

Paint scheme

Wide range of paint colour schemes available.

All working decks, roof and gunwales are coated with non slip deck paints.

Window sizes

A mixture of portholes and windows are used in the boat – in accordance with the layout diagrams.

Bow lockers

The bow locker provides a handy storage for mooring pins, spare ropes and hose pipes.

INTERNAL

Layout

Options available as included in option packs.

Lining and wood type

Lining is in hardwood veneered panels on cabin sides and headlining with matching bulkheads and furniture. We are able to provide painted panels which have proved popular in recent years. The entire cabin of all boats are insulated with spray foam prior to the linings being installed.

Flooring

Subfloor is fitted on wooden frames in 18mm WBP plywood on treated battens. Finished floor in laminate or carpet, with an optional addition of solid hardwood floor, completes the interior.

Interior finishes

A wide choice of soft furnishings, tiles, carpets and work surfaces can be made to complement the exterior paintwork scheme.

Bedroom

Fixed double bed with storage under and overhead cupboard with down lights. Full height wardrobe. An option is available to have forward bedroom set up as day cabin with L shape seating which can be made into a double berth, or left as made up double as required.

Bathroom

Modern cassette type toilets with option for electric macerator (pump out). Vanity unit with hand basin fitted with wall mirror and feature lighting. A shower cubicle with mixer unit and waterproof bulkhead linings are installed to latest designs for easy maintenance. Heated towel rail provides a comfortable cabin and drying feature on the boat.

Galley

Split galley design with work surfaces in modern, hygienic solid material with choice of finishes. LPG built in 4 burner cooker unit with oven and grill. All boats have refrigerator with ice box and stainless steel sink with monobloc taps over.

Saloon

Either a side settee or L shape settee fitted in the saloon according to the layout. TV socket connected to roof mounted digital aerial for Freeview TV. Option of corner or hullside TV cabinet with 26" LED TV with built in Freeview tuner.

Boat Pricing:

All boats are built to the quality and standards for which Stenson Boatbuilders are renowned. The boat specification outlined in this brochure would be as follows:-

Price for	Model 45	45ft	£59,750
	Model 54	54ft	£64,850

Including VAT delivered ex works at Stenson.

Various options are available to tailor your boat to your individual requirements.

Most options are detailed in our options pack, but if you have a specific requirement not included, then please contact us - as being one of very few companies who both fabricating and fit out your boat, we can often assist with advice and provide cost effective solutions to realise your ideas.

Works viewing at weekends by appointment to 01283 701933