

Demon Yachts

High Quality Construction, Design & Engineering of Performance Craft.

'Kite' Specification

Design:

Andrew Wolstenholme, built to RCD Cat C, and to conform with boat safety scheme for inland waters.

Design Specification:

Length over all:	7.2m	23' 7"
Length on deck:	6.4m	21'
Beam:	2.05m	6' 9"
Sail Area:	19.7m ²	212sqft
Dry Weight:	750Kg	1650lbs

Construction:

Hull and deck: Gelcoat finish, with vacuum infused vinyl ester resin, multi axial glass fibre, with a closed cell foam core. Marine grade BS1088 gaboony plywood used in the fit out. Very robust, but lightweight for towing, launching and recovery, with excellent osmosis protection.

Spars and rigging:

Lightweight white painted carbon fibre tubes, with stainless steel fittings and stainless steel standing rigging. Spruce varnished bow sprit with a bobstay. Varnished ash gaff jaws. The mast, gaff and boom are easy to raise and lower, and easy to stow for trailing. Cleats for outhaul and reefing lines conveniently positioned on the boom. Hooks on gooseneck for easy reefing. All running rigging in braid on braid polyester.

Deck:

Mahogany varnished comings around the cockpit offer protection and make a large spacious, sit in cockpit. The four large cockpit lockers including dedicated outboard stowage that complies with boat safety scheme regs. The raised cockpit seats have the deck scuppers behind them to drain any water away from the seats. Removable cockpit sole boards with a large sump beneath for bilge pump. Companionway sliding hatch and varnished ply washboards, with teak trim. Draining forward well for anchor stowage, mooring cleat etc. Outboard well with hull infill, petrol storage and lid, suitable for up to 6hp outboards. Teak hand rails on coachroof. Moulded in easy to clean non-slip finish.

Deck fittings:

Barton deck gear and bespoke stainless steel tabernacle. Three mooring cleats, fairleads forward. Main, throat, peak and jib halyards lead conveniently back to cleats on coachroof. Sheets and furling lines lead back to cleats in the cockpit.

Sails:

McNamara sails in cream Dacron, with two reef points in the mainsail and three leech battens. Furling jib. Two custom sail bags.

Cabin interior:

Two berths, satin white finish with teak trim, bunk cushions as standard, two tinted, toughened glass cabin side portholes, and two opening cabin front portlights. Removable sink bowl, and ample provision in galley area for portable stove. Rack for plate and cutlery stowage, under bridge deck. Ample storage space for the family, and provision for a porta potty.

Foils:

NACA sectioned balanced lifting rudder and internally lead ballasted lifting centreboard. Centreboard lifted via differential winch easily operated from the cockpit. Coppercoat on centreboard as standard. Rudder and centreboard constructed with epoxy resin and glass fibre multi axial cloth. The centreboard incorporates an integral stainless steel wear strip around the tip. Ash and mahogany tiller, with tiller extension, plywood rudder stock, with custom pintles and gudgeons.

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