

SPECIFICATION

VITAL STATISTICS

Length Overall	45ft	13.72m
Length Waterline	42ft	12.8m
Beam	20ft 10in	6.35m
Draft	3ft 5in	1.04m
Displacement	21,450 lbs	9,750kg
Hull beam (max)	5ft 2in	1.6m
Steering	Hydraulic	
Engine (F/W Cooled)	2 x 30hp	
Fuel	85 gall	380ltr
Battery capacity	2 x 80, 3 x 100 amp/hr	
Water	2 x 80 gall	2 x 363.2ltr
Mainsail area	360 sq ft	23.46sq m
Genoa area	582 sq ft	54.09 sq m
Staysail area	115 sq ft	10.69 sq m
Spinnaker area	1700 sq ft	158 sq m
Mast length	52 ft	15.85m
Mast above WL	60ft 6ins	18.44m

The above specifications are given in good faith but are not guaranteed. Prout Catamarans reserve the right to amend any later specification at any time without prior notice.
12/95

Prout Catamarans Limited.

Kings Close, Charfleets, Canvey Island, Essex, SS8 0QZ
Tel: +44 (0)1268 511500 Fax: +44 (0)1268 510094

ADVANCED TECHNICAL SPECIFICATION

All of our boats are moulded under stringent conditions in a temperature controlled atmosphere conforming to Lloyds ISO 9002/BS 5750. Very few boatbuilders are able to comply with these requirements.

The Prout 45 has a technically advanced lay-up comprising: Isophthalic Gelcoat – 2 x 300 grm powder-bound mat – Hand laid up with Isophthalic resin – 600/300 Bi axial material – 9mm end grain Balsa – 600/300 Biaxial material – 450 grams Chopped strand matt – Additional reinforcing below the waterline and keels as specified. – Certain key areas are also reinforced in Kevlar.

This lay-up gives an extremely high tensile strength coupled with lower weight and greater panel stiffness. It also gives additional insulation and sound deadening together with exceptional longevity.

Unique to this design are our diagonal torsion control bulkheads which accept the torsional loads placed upon the structure. We are also using wing keels which reduce drag, though permitting a more even flow of water across the keels, generate lift and enhance windward performance. With a normal chopped strand mat lay-up a 2.25:1 resin to matt ratio is achieved but with our advanced specification a 1.5:1 resin to matt ratio is achieved thus giving a higher tensile strength with obvious weight savings.

These are high-tech lay-ups using the most modern materials. As with all of our boats, by using high quality products in superior moulding conditions, we are able to offer a 5 year guarantee against osmosis on the Prout 45.

HOME COMPLETION PROJECTS

The Prout 45 is available to various stages of completion. A comprehensive list of parts, mouldings and components can be supplied by the factory to make completion easier and an inspection service can be supplied to help you finish your boat quickly and close to the factory standard.

Stage 1: Hull and deck bonded, main structural bulkhead fitted, rudders, shafts and tillers fitted, GRP hatches supplied. Fabricated mast support system fitted. Note that no interior mouldings are fitted.

Stage 2: Hull and deck bonded with the following items fitted: main structural and forward running bulkhead, chain and sail locker bulkheads, under cockpit floor bulkheads, chainplates, gunwhales, water tanks, fabricated mast support system, rudders, shafts and tillers, locker door aperture and bulkhead in head, custom built main companionway door and frame, GRP hatches supplied. Note that no interior mouldings are fitted.

Stage 3: The exterior of the boat is completed to the standard specification, 2 x 30hp engines and saildrive legs, hydraulic steering system, mast, rigging, mainsail, roller furling genoa, all structural bulkheads, water tanks, anchor chain and warp. Note that no interior fitments, linings or trims are fitted or supplied.

A full set of interior mouldings is available and all components can be supplied loose for you to fit. Please ask for a quotation, a full range of plans, templates and patterns are available.