



BUILD HER — SAIL HER
END YOUR CREW PROBLEM

PHANTOM

EASY TO MAKE LIGHT TO LAUNCH
FAST AND EXCITING TO SAIL

DESIGNED ESPECIALLY FOR THE HOME BUILDER

Length Overall 4420 mm. Beam 1640 mm
Hull Weight 57 kg approx. Sail Area 9.75 sq m

Portsmouth Yardstick 111

Phantom is nevertheless a very sophisticated singlehander with a great deal of potential to be exploited by the helmsman. The deck stepped alloy mast with adjustable shrouds and forestay, a lifting centreboard and the large sail area controlled by cunningham hole and kicking strap gear all led back to the hand make careful tuning very profitable.

You will enjoy sailing a Phantom. She has a large deep cockpit and her side decks are just the right width for comfortable sitting out. There is room enough to take a friend if you are not racing and the thwart is positioned so you get both comfort and the right trim sitting on it in light airs.

Phantom is a very smooth performer; her hull shape is basically deep vee forward with a broad flat run aft and this, together with her length of 4420 mm, weight of about 57 kg and sail area of 9.75 sq m gives an exciting vice free performance.

She points well, goes like a train off the wind, and is surprisingly stable on a dead run.

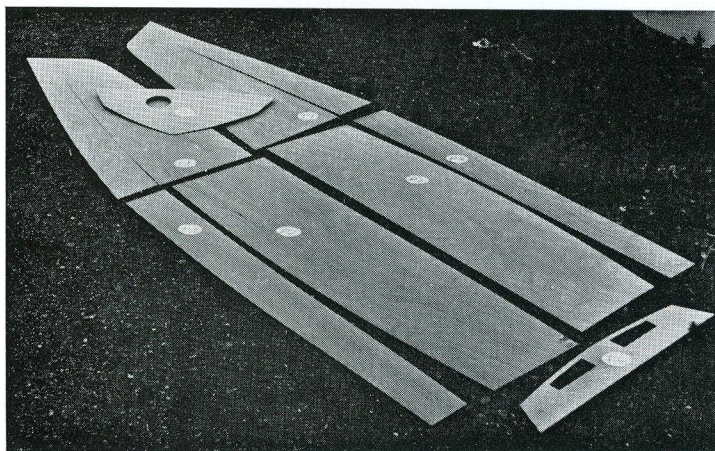
Gybing, a hazardous performance with many singlehanders, is made much less exciting by plenty of head room under the boom.

YOU MAKE HER

from a pre-marked kit or straight from plans. You **do not** need jigs, frames or base boards but you do want normal woodworking tools such as a handsaw, plane, surfboard tool, chisel, hand drill, small hammer and a few cramps. An electric drill with a jig saw attachment makes cutting out panels easier but is not essential. You also need a couple of trestles or something similar on which to stand the hull as you build it. The hull kit consists of seven sheets of marine ply, pre-marked and ready to cut out, also strip wood for gunwales, etc., glue, fibreglass mat, resin, copper wire, panel pins, screws, etc.; in fact, everything you need to build the hull except paint and varnish. Cutting out the panels is easy as the thickest is only 6 mm. The heavier items such as rudder, centreboard, etc. are ready cut so you only need a plane and sandpaper to finish them.



At least half the fun of getting a Phantom is making her yourself. It is very satisfying to create a thing of beauty such as a boat right from the basic materials, and, of course, you save money too.

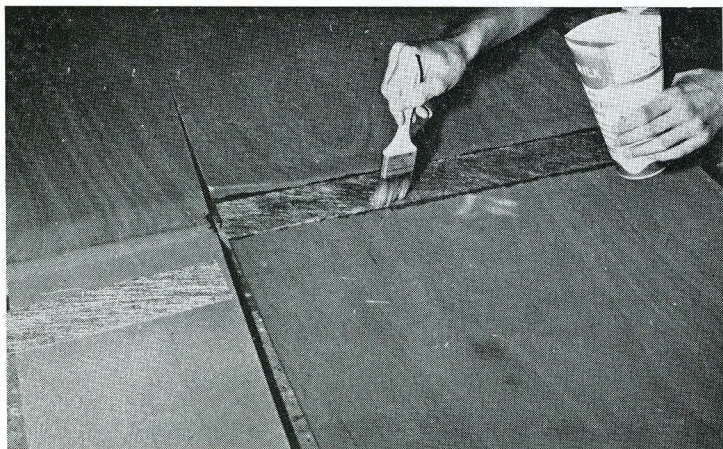


HULL PANELS CUT READY TO ASSEMBLE

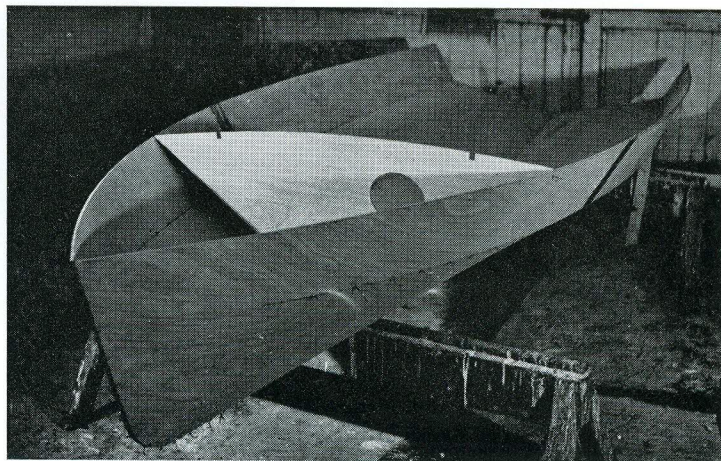
The basic hull is very easy to make. Each half is formed from three panels of 6 mm ply joined (by easy to make fibreglass butt joints not difficult scarp joints) to make one single panel which is split to within 380 mm of the bow. Having made these you lay them on top of one another and join them by drilling small holes around the keel line, passing lengths of copper wire through and twisting up. The edges of the split in each panel are drawn together in similar fashion to form the chines.

The two halves are opened out rather like a paper dart and the bulkhead is wired into its pre-marked position.

Having done this and glued in the transom the hull is stiff enough to stand on two trestles and be glassed together.



GLASSING UP HULL PANEL BUTT JOINTS



HULL AFTER OPENING WITH BULKHEAD WIRED IN

You then add all other bits and pieces such as deck beams, centreboard box, etc. and deck with 4 mm ply.

After painting and varnishing you put on the fittings and rig the mast. The kit contains everything needed to make your Phantom into an efficient racing dinghy, from mast and boom, centrehorse, kicking strap gear and transom flaps, etc., down to the last screw.



PLANS

If you would rather build from plans, we supply a full size set of patterns marked out on paper. These are transferred to the ply sheets by pricking through at intervals and joining up the marks using a thin batten. Of course, as with the kits, you get a very detailed set of instructions and, in addition, a cutting list and suggested fittings list.

THE PHANTOM CLASS

satisfies a real need in the dinghy racing scene. With the growth of leisure time, craft hobbies are coming more and more to the fore, and many helmsmen are do-it-yourself enthusiasts. There can be no more rewarding spare time occupation than building your own dinghy . . . many owners get so much pleasure from building that they make boats for their friends as well.



Already Phantom is becoming quite a large class in the U.K. At least 90 clubs have Phantoms and many have built up fleets. Overseas there are boats and agents in several countries. The class itself is a strict one design as far as hull shape, deck layout and sail plan are concerned. No trapezes or sliding seats are allowed. It is administered in the U.K. by the Phantom Class Association. The Class Secretary is Mrs. Betty Taylor of 'The Pightle', Raveningham, Norfolk.

Clubs are building fleets. Join our growing Class



BUILD IT — SAIL IT

Have twice the fun with a Phantom

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