



# Building a Miracle from plans

Traditionally one bought a kit from Bells, followed the instructions in the building book and fairly quickly build a boat. Sadly this route is no longer available and the only way to build your own boat is to buy a set of plans, scale up the drawings onto ply sheets and cut out with a jigsaw. You also need to work out what hard and soft wood parts you need, source the wood and cut to size. All this is quite time consuming.



The Miracle Association has endeavoured to speed up and simplify the process by working with two companies. 4th Dimension will produce sheets of pre routed ply to provide all the major parts, and Robbins Timber will provide a package of hard and softwoods planed to the correct sizes and sufficient to construct the boat.

The plans have also been updated so the finished craft can contain all the latest design features.

## Objective To assist you to build a boat from plans by providing :

Building book as supplied by Bells for the original kit

Updated plans to build a modern Miracle with cutdown centre case, cut down front tank and central spinnaker chute, either in paper or PDF format, registration and sail number £50

pre cut ply sheets of most of the major parts, Supplied by 4th Dimension approx. £800

hard and softwoods package. Supplied by Robbins Timber approx. £600

all spars shrouds and halliards Supplied by Butler Boats approx.£1000

other costs; epoxy glues, paints, fittings, sails and sheets, plus covers and trolley/trailer

## Project Outline

Purchase plans and building book

- Order pre cut ply sheets from 4th Dimension
- Decide on your detailed requirements. ie interior design, chute or bags hiking wings?, any white wood
- Order hard and soft woods package from Robbins
- Cut out remaining jointing battens from spare ply
- Shape and cut hardwood to correct lengths
- Construct using the tab and slot method
- Paint and fit out

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