

4.50 m Planing Dinghy

Designed as a bigger version of the Woodie, this is another simple craft which can be customized to suit individual requirements during and after construction. The plywood construction is based around 6mm thick marine grade plywood for planking, thwarts and foredeck. Multiple layers can be laminated together to increase the transom thickness. 200gsm fabric is recommended to reinforce the hull bottom, and dynel for the topsides. Longitudinal timbers are oregon or similar.

A 25hp outboard is recommended, and the 4 stroke models, although heavier are more environmentally sound and should be used in preference to the 2 stroke engines. The boat can be fitted with positive flotation for full load, an item that may become mandatory in the near future. It can be built to 4.25m length overall if preferred, details are shown how to adjust the transom and rear thwart positions. The finished weight will vary according to materials chosen. A robust craft built out of Hoop Pine plywood will be heavier than one using Gaboon or Pacific Maple plywood. Somewhere between 120 to 140 kgs is the likely result, on par with an aluminium boat.

Plans are two sheets, one with the layout and construction details, the other with full size templates for the mould frames, profile, transom and joint details.

LOA: 4.25m or 4.50m
Beam: 1.78m over gunwales
Depth 0.75m at midships

