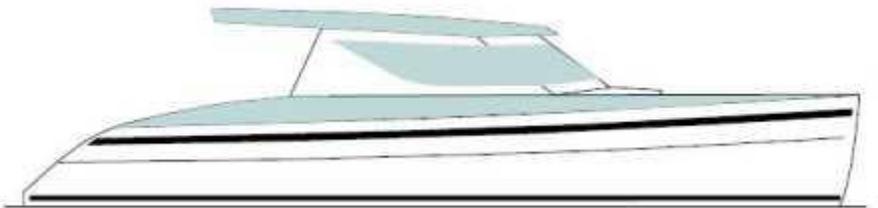


Please see [this page for an introduction to the Skoota Power Cats family](#). The file contains study plans drawings and pictures.

Comments by the designer, Richard Woods

Skoota 36 comfortable live aboard cruiser or day charter



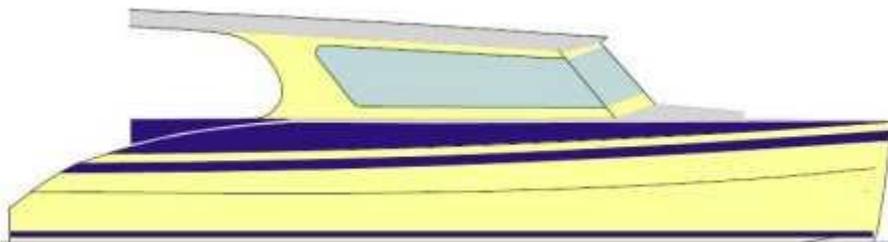
This is a big boat, available in two versions, as a comfortable liveaboard cruiser or as a sporty charter boat. Building plans are available in foam sandwich or plywood. Both versions share the same basic semi displacement hulls, but they have different deck and interior layouts. It is huge compared to the Skoota 28 (which, despite being smaller, we still find comfortable enough for the two of us to live on full time for weeks at a time)

The sketch above shows the charter version (a fly bridge is optional)

You can download a provisional study plan [HERE](#)

The sketch and photos below show the live aboard version. You can download a study pack of this version [HERE](#)

and see build photos on photobucket [HERE](#)











Dinis, the proud owner, taking a rest from building in April 2014. He's doing a great job, to a very professional, high quality and it's the first boat he's built!

Then later, ready to sheath, with glass cut to shape



The completed shell was turned over in late October



"What was really impressive was, not one single squeak was heard, during the lifting from the strong box or turning over, she is absolutely solid."



The Skoota 36 is a very much larger boat than the 28, a few extra feet in length make a huge difference to the volume of a boat, and unfortunately, to the build time



More details of this design will be uploaded as it is developed. Several sets of plans have already been sold, one to a live aboard couple in Canada, shown above, while this one, below is being built very quickly in the UK. The top photo, below, is after less than a months work, the lower a couple of weeks later. See more [HERE](#)



And below is one being built in Key West, USA



Basic Materials list for the complete shell (a more complete list will be drawn up after completion of the first boat)

total 35 sheets x 6mm, 90 sheets x 9mm, 13 sheets x 12mm

As you can appreciate, it is really hard to estimate epoxy use. I estimate 240kgs (60gals) epoxy and 240m (250yds) of 1.3m (50in) wide (standard width) 200g 6oz glass

1400m 1in x 1in equivalent (800 board feet)

Maybe 10,000 1in x no6 CS stainless steel screws

Building method

This boat is built in plywood-epoxy. The method is slightly different from the Mertens-Goossens designs which use the plywood as the core of a sandwich. For this boat, the plywood panels are assembled over a light wooden frame made from small section battens. The framing is made from bulkheads and frames notched to receive the longitudinal battens. The panels are epoxy glued to the framing. Long panels are joined by butt blocks. The assembly could be called a monocoque structure in which all parts contribute to the strength. The smaller Skootas are built using conventional plywood-stringer-frame construction with all surfaces glass/epoxy sheathed. Because the boats are modular much can be built in an ordinary garage (lengthened as necessary to build the hulls).

Building in sections also has a psychological advantage, especially important for amateur builders, which is that it is quick to build each section, thus progress appears to be fast. Furthermore there is little fairing to do, just smoothing the glass joints.