

Specifications:		
LOA:	14'-10 "	4.50 m
Max. Beam:	3'-7"	1,10 m
Draft at DWL:	almost	nothing
Hull weight:	110 lb..	50 kg
Max. HP:	1.5	1 kW
Material:	Stitch & Glue	

Honker: a highly serviceable hunting and fishing skiff.

We were researching duck boats in preparation for the design of the Duck Skiff 15 (DS15) and DS12. That was the description of an attractive boat discovered in an old Do It Yourself magazine from the 50's. Many types of boats can be used for hunting, our GF boats for example, and some duck boats can be used for other purposes.

The Honker is one of those multi purpose boats and we decided to adapt the old plywood on frame design to our material.

We liked the semi decked hull and the high coaming. The raised transom will take a small outboard: we did cut a tiny motor well in the aft deck to reach the clamps.

She could also be built without the gunwales (side decks) for those who want to row her.

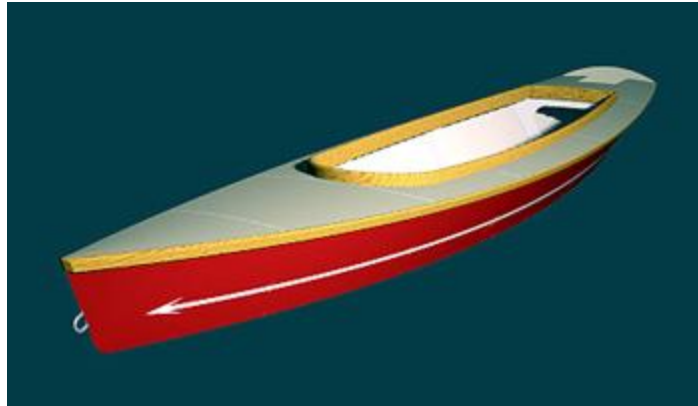
The flat bottom hull is easy to build. This is a 3 panel boat, the hull goes together in one weekend.

Our second generation stitch and glue method will produce a lighter, stronger and longer lasting boat than an a plywood on frame one.

Plywood on frame requires wood working skills and equipment: parts must be accurately beveled for tight joints and metallic fasteners are used. In stitch and glue, you cut the hull panels, bend them around the simple plywood frames and tape all seams with fiberglass and epoxy. A perfect fit between parts is not required, quite the opposite, we prefer a small gap. No jig is required to build this boat.

The hull is fiberglassed: in this case the whole outside. All plywood is coated with epoxy before painting.

The Honker will fit the smallest budget: 5 sheets of 1/4" (6 mm) plywood and a few gallons of epoxy is all what you need.



All specifications are approximate and subject to changes in function of the mood of the designer and the skills of the builder . . .

Fully decked and fitted with a nice coaming, her cockpit will stay reasonably dry.

The Honker is wider and more stable than a canoe. You can fit her with an electric trolling motor or a small outboard and also use paddles.

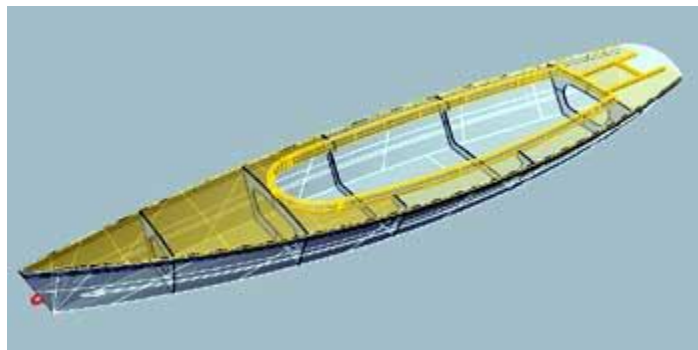


Building method:

The Honker is built from marine or exterior plywood and the outside of the hull is completely fiberglassed. All the fiberglass seams produce a very stiff and strong composite shell. Lighter but stronger than single skin fiberglass or plywood on frame. All parts are epoxy saturated for easy maintenance and long life.

The assembly method is "stitch and glue" sharpie style: the plywood panels are bent around the mid frame, fastened to the transom and joined at the bow with stitches. The frames are inserted and the bottom is added after the building of some fiberglass seams.

See several descriptions of the assembly method in our HowTo files at bateau2.com.



No scarfing is needed: the sides and bottom are cut from standard 4x8 plywood (122x244cm), joined with a simple glued butt block.

All seams are taped with fiberglass and epoxy, see our technical support web site bateau2.com for details. No

beveling is required.

The deck and coaming are installed after hull completion and participate to the structure.

Required Skills:

The drawings show all construction details with dimensions for all expanded hull panels, frames and seat tops.

As all our stitch and glue boats, the Honker is very easy to build. No woodworking skills or special tools are required. The plans include all dimensions to cut all the hull parts flat on the shop floor. This boat can be build by a first time builder.



Options:

The plans show our suggested layout but this boat can be customized to fit your requirements. As long as the spacing of the framing is respected, the builder can change the interior layout. For major changes, please post questions on our technical support [message board](#).

We show access under the decks through opening in the frames but if the builder prefers, he can seal that space to make the boat unsinkable.

The Honker can be also be made unsinkable with a 2 gallon kit of our expandable foam poured in the ends of the hull and under the deck.

We show a coaming with rounded corners. This is easily built from laminated plywood: layers of thin ply glued together. If the builder prefers, he can make the coaming from 1x3 boards with straight corners.

Bill Of Materials:

(Excerpts from our BOM)

The BOM list materials based on our standard layout and includes a 15% waste factor for resin and fiberglass. For plywood, we use standard sheets 4' x 8' (122 x 244 cm). Please read the building notes and see the plans for detailed specifications.

We recommend Marine grade plywood BS1088 for the hull, either Meranti or Okoume. The Honker can also be made of Marine fir or quality exterior if there are no voids.

Note that marine fir plywood often cost more than Meranti.

Plywood 4x8' (122x244cm)		
1/4" (6mm)	3	
3/8" (10mm)	2	
Fiberglass (totals)		
Glass tape	40 yards	36 m
Woven fabric	5 yards	5 m
Resin		
Epoxy, total:	2.5 gallons	10 liters

Cost:

The cost of materials varies depending on your location, your choice of epoxy brand, plywood type and options. Use our Bill Of Materials with the local cost of materials or add our kits cost.

All materials are available for purchase online from the web sites below:

Epoxy, fiberglass, foam, paint and more: BoatBuilderCentral.com

Plywood: Plywood store at E-Boat.

Despite the cost of shipping, those materials may cost less online than purchased locally.

Labor:

The average amateur should be able to assemble this hull in less than 20 hours, 50 hours of labor being a maximum for a boat show type finish.

More:

Visit our message board, help pages, tutorial pages and read our FAQ: most questions are answered there.

Plans Packing List:

- 6 Detailed drawings, large scale with all dimensions required to cut the sides, bottom and the bulkheads from flat plywood sheets: no lofting, no templates required.
- Drawing List:
- B275_1 Plan and Profile
- B275_2 Nesting
- B275_3 Construction
- B275_4 Frames
- B275_5 Expanded Plates - Hull
- B275_6 Expanded Plates - Deck
- B275_7 Details
- Building notes and Bill Of Materials
- Help files reference list and more.

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