

MADSKI



WELCOME

Welcome to the Homemade Madness Madski plans. These plans will show you how to build your own jetski hull. The hull will be built from wood and then covered in fibreglass.

GENERAL

So over the last few months I've been working really hard, doing research and engineering this thing, but now the plans are finally complete, so hereby I'd like to proudly present, the Homemade madness MADSKI. The most time consuming thing about engineering this thing was simply making it look good, but I'm really happy with how it turned out! I designed this thing to be easily makeable by pretty much everyone. All you really need to build one, is a workshop, a jigsaw a sander and some basic woodworking knowledge. These plans take you through the building process step by step, just like a Lego guide, and the parts are all made to fit into each other precisely, literally like a jigsaw puzzle. On the website you can find two versions, the one I'm building on YouTube will have an inboard engine, and a homemade jet drive. But building a jet drive and connecting it to an inboard can be a bit difficult and expensive, that's why there's a second version available, which is slightly modified to fit an outboard engine. This way you can easily build the jetski using the plans, and then simply put like a 20 to 50 horsepower engine behind it, and believe me, if you do that, you will have just as much fun and look better than the commonly available outboard-jetski's. Best thing is you can build this for as little as a 1000 dollars in building materials And you can easily finish it quickly because by using the plans, you can build this thing in a matter of days.

So The Madski is quite a big vessel, way bigger than the original jetski's or waverunners, and it can easily carry three people. And it's got a really big engine room, meaning it can fit pretty much any engine, I'll be putting a 1200cc superbike engine in mine, but it could also easily fit something like a Maita engine. So all of the parts needed in the plans are cut from plywood sheeting. Now to cut the parts I first thought about having them CNC milled or laser cut, but I didn't really feel that would fit the fully homemade style, and also it would be pretty expensive. So I came up with something else, using one to one paper templates which you can glue to the plywood so you can easily cut the parts yourself. Best thing is you can have these papers printed by a local company for as little as 50 bucks.

THE MADSKI

As mentioned, the Madski is quite a big jetski, way bigger than your average two stroke jetski, it's about the same size as a modern Yamaha waverunner and can seat up to three persons. Because it's so big, it can house pretty much any engine, like a 4 cylinder bike engine, or a car engine. The main hull design was also based on the latest Yamaha waverunner, and it's a pretty flat bottom hull, which means it will be very stable and gets on a plane easily.

THE PLANS

These plans consist of two parts, the guide, which is this part you are reading now, and the cutting templates. The guide part will show you step-by-step how to assemble the parts you cut out using the cutting templates. These plans will only get you as far as the hull, top and seat. The rest of the components, like the engine, jet drive, steering e.t.c. will all be up to you to find out.

CUTTING TEMPLATES

the cutting templates are big sheets of paper in A0+++ size (914x2500mm) which you can have printed (plotted) for you at pretty much any print shop. You can then glue these prints to a regular 4x8 Feet (122x244cm) piece of plywood. Framing plywood thickness is 18mm, sheeting of the hull is 9mm and sheeting of the top is 3mm. It's advised to use poplar plywood as it's cheap and lightweight.

Below you can find the guide plans to build your own jetski. Good luck, and I will be keen to see what your madski will be like once it's finished!

-Homemade Madness-

DISCLAIMER

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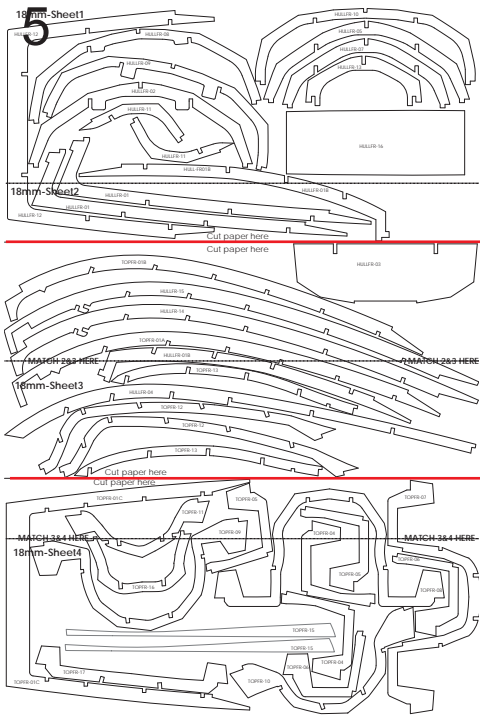
CUTTING TEMPLATES MADSKI

Below you can find an overview of the cutting templates. The templates should be printed(plotted) by yourself if you have a big plotter (or a friend) or an (online) plotting company (the files can be plotted as blueprints). The PDF file consists of 14 pages which should be **printed in A0+++ size (914x2500mm)**. You will need to have 14 pages printed for all pieces of the jetski's hull and top (no colour, thinnest paper). The costs of plotting should be around 100\$. Once printed you can connect and cut the drawings together as shown below, as well as on the templates themselves. **Once connected the papers fit precisely over a normal sheet of plywood (4x8foot)**. Conveniently, 4 connected pieces of paper are exactly the same width as 3 plywood sheets (3660mm). Below is an overview of needed sheets and sizes. It's important to use the right thicknesses, especially for the 18mm sheet, because it will not fit otherwise. You can choose to make the 3 (or 9mm) pieces a bit thicker (like 4 or 5mm) if 3mm is not available, you will not encounter big problems by doing this other than having some problems while bend the thicker material on some sharp bends.

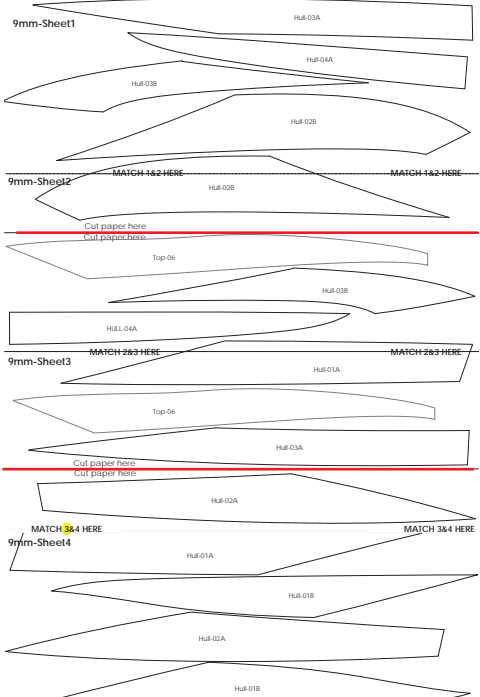
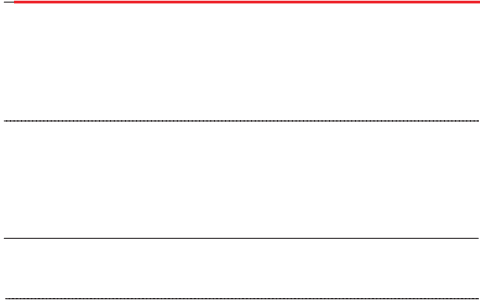
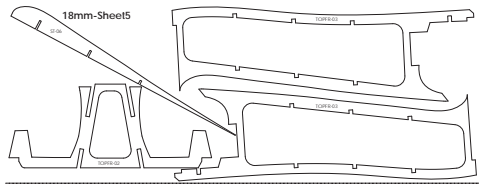
18MM: 4 Plywood sheets, 5 paper sheets

9MM: 4 Plywood sheets, 5 paper sheets

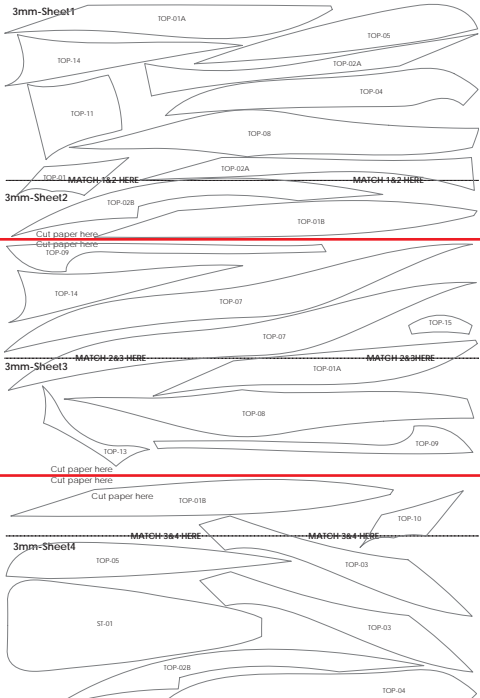
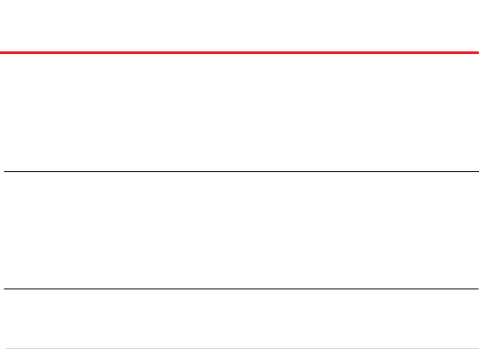
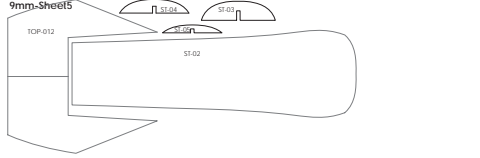
3MM: 3 Plywood sheets, 4 paper sheets



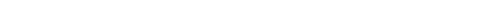
18mm

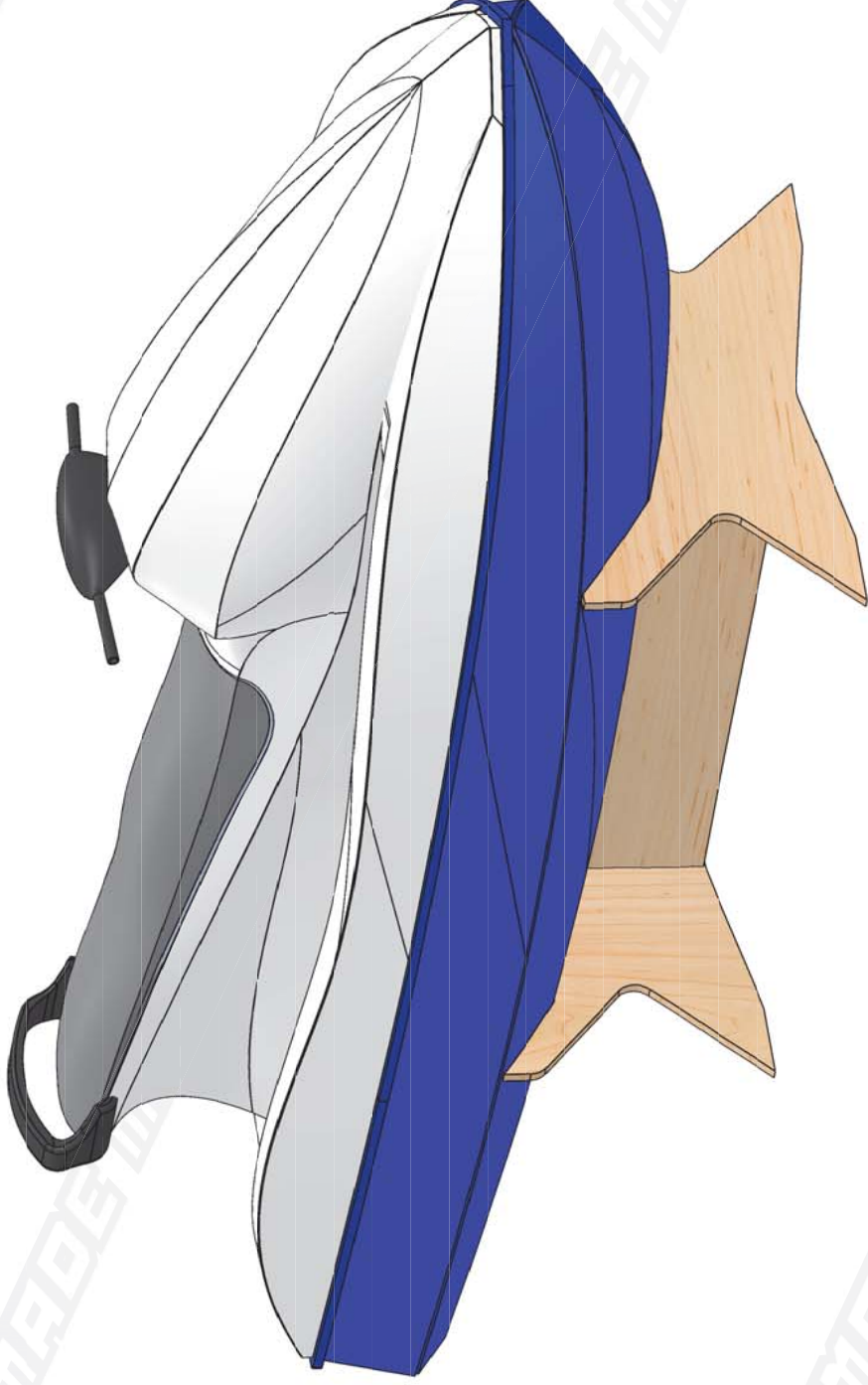




9mm

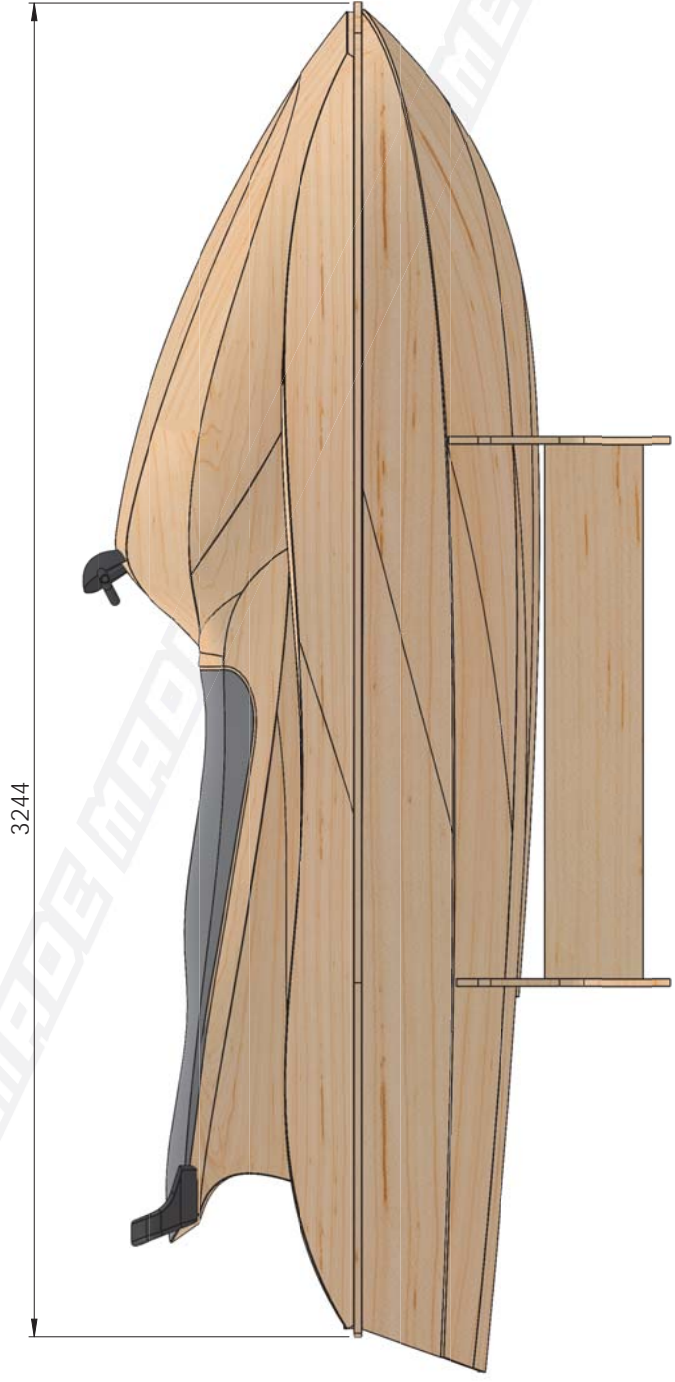


3mm

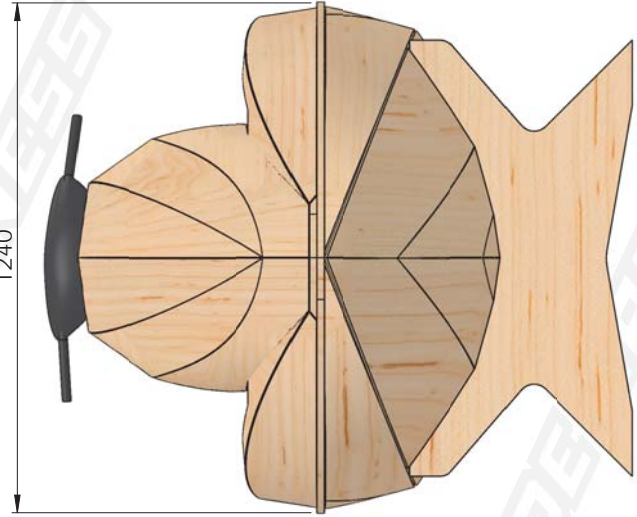




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