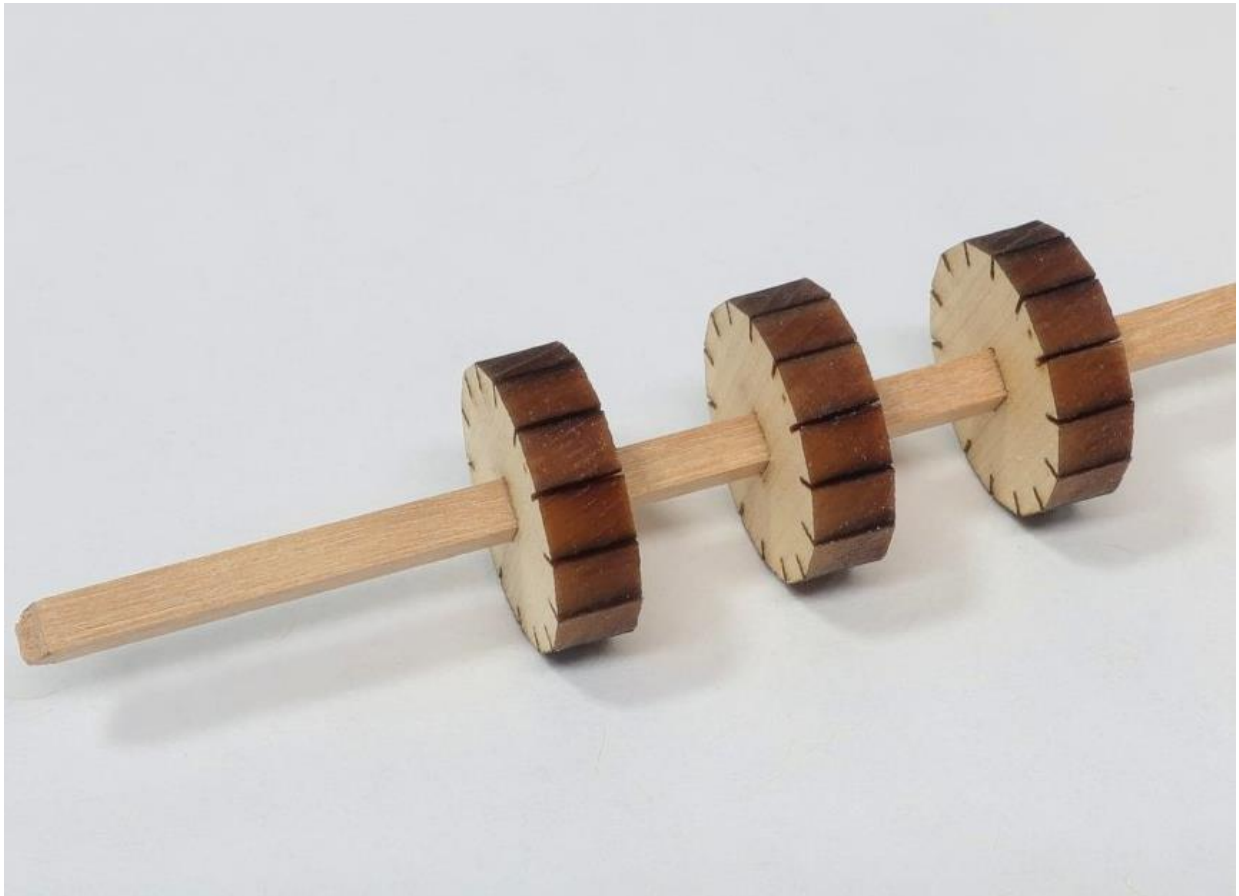




## **Assembling your Syren Barrels...**

First assemble the center layers....three for the smaller size and four for the larger size. The beauty of this is that that it is easy for you to buy a package of two and be able to assemble which ever size they want. The larger is an inch tall and the smaller is 3/4" tall.

When assembling the layers there is a small dot to help with alignment. Have the dots all face the same side and line them up as you glue them onto the strip. But don't glue the assembly to the strip. You will need to remove it from the stick to complete a barrel. Use Titebond or something like that so you have time to line up the layers which I didn't do very well in the photos. But its very forgiving once completed and slight misalignment isn't going to hurt the overall appearance of each barrel.



Pull the three or four center layers off the stick and glue the "ring" layers on each end. Once again, look for the alignment dot and have them face the same way and be lined up.



Then put it back on the stick...chock it up in your dremel or other rotary tool. If you have a lathe that is great also and you won't have any wobble as you sand the barrel to shape. A lathe is the best way to go but if you use a Dremel try and minimize the



wobble. Slide it all the way back on the tool to minimize any wobble.

If your barrel is slightly misshaped because of a wobble it is easy enough to fix once removed. Use a sanding stick to adjust the roundness of the barrel. While in your rotary

tool just shape it as it turns at moderate speed to the traditional barrel shape on each end. Don't sand away too much of the middle. Taper each end nicely. Remove from the stick.



Then insert the top and bottom pieces or the lids. They will appear to sit too deep and that is by design.



So once the top and bottom are glued into the ends....sand the ends shorter until you have just a small lip like the next photo.



If you have to thin down the walls of the barrel on the ends to make it look more in scale this is a good time for that. I used a sanding stick. Just try to keep the traditional barrel shape.

Lastly.....add the barrel hoops. These are laser cut from black laser board. The laser board strips are glued to the barrel. Use the guides to help you keep them straight all the way around. The guides are the actual seams from the many layers. Just place the strip for the hoops over the seams to cover them up. If your layers were slightly askew and not matching up that's fine. Once you put the hoops on you can't tell at all. It really comes together. Apply some wipe on poly and you are done.

You can mix and match by getting several packages and make as many of each size that you need. They really do assemble quickly. To keep the barrel hoops in scale they should be very thin. Nothing worse than really thick out of scale hoops. The good news is that the laser board hoops can be sanded. I sanded the hoops afterwards with very fine 320 grit paper to thin them down and make them look more in scale. It's a nice touch. Because the larger barrel has one additional layer it will have one additional hoop to cover up the seam.



