

Cindy Drozda

"The Fine Art of Woodturning"

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Tall Colored Hollow Vessel

Part 1: Prepare the Blank:

- This vessel is made from straight grained wood, though it can be made of any other material. I have chosen Ash for its open grain because I plan to enhance the grain with Embellishing Wax.
- The size of the blank in my Demonstration is about 4"/100mm x 8"/200mm. That will give me a vessel where the height is about two times the diameter.
- I am planning to put a collar around the opening, a lid with a finial on top, and a tall pedestal on the bottom. The proportions of those accents in relation to the finished piece are on my mind as I decide on the proportions of the vessel. After the vessel is completed, I will lay out the sizes of the accent pieces.

Part 2: Shape and Hollow the Vessel:

- I will be holding the vessel in a chuck with deep jaws for the hollowing, so a chucking point is created less than 2"/50mm from the bottom of the vessel. I used a dovetail tenon about 3-1/2"/88mm in diameter for my jaws.
- This piece has the largest diameter 1/3 of the way from the top, 2/3 from bottom.
- Shape the vessel.
- Drill a depth hole the size of the intended opening. I used 1-5/8"/41mm
- Rough hollow the vessel, leaving a wall thickness that will allow for distortion during drying. For this Ash spindle orientation piece, 4"/100mm in diameter, I used a 3/8"/10mm wall thickness. That will not allow for much shaping after drying, but it will dry faster.
- Coat the outside of the vessel with endgrain sealer and allow to dry.
- Mount the rough hollowed dry vessel between centers and true up the shape and chucking tenon.
- Chuck on the tenon, shape and sand the top section of the vessel that is accessible while in the chuck.
- True up the opening and prepare for the lid or separate collar.
- Hollow the vessel to desired finished wall thickness.

Part 3: Reverse the Vessel to Shape the Bottom:

- Use a reversing fixture or jam chuck in the opening to hold the piece to turn away the chuck tenon.
- I am planning to put a pedestal on the bottom, so I have created a small tenon on the vessel to mount it to. The tenon is about 1/16"/1.5mm long and 1/2"/13mm in diameter.
- Sand the lower portion of the vessel.

Part 4: Apply a Finish to the Vessel:

Here is the finishing method that I am using on this piece:

- Apply dye as desired, and let it dry.
- Rub Embellishing Wax into the open grain pores, and wipe off the excess.
- Buff the remaining wax off after it dries, and apply a finish. I use spray Satin Krylon.
- Finishing can be done while holding the piece between centers on the lathe and turning it slowly while the finish dries.

Sources:

- Jaimeson Hollowing System - <https://lylejamieson.com/>
- Advanced Lathe Tools, Steve Sinner: <http://advancedlathetools.com/>
- Small webcam for Hollowing - 45° lens, 720p - https://smile.amazon.com/gp/product/B01DRJX8JU/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1
- vMix software for capturing the camera's video – <http://www.vMix.com>
- TransTint Dye
- Embellishing Wax - <https://www.thewalnutlog.com/>
- StrongBore Drilling Fixture – Carter Products - <http://www.carterproducts.com/turning-tools/strongbore?SID=d81d59cd9a055101de342f9755c2c828>
- Vicmarc Shark Jaws – Woodworkers Emporium - WoodworkersEmporium.com
- Digital Caliper – The Woodturning Tool Store - <https://woodturningtoolstore.com/product/elio-dr-safe-drive-2-5/>
- Steb Centers: [Packard Woodworks](http://PackardWoodworks), [Craft Supplies USA](http://CraftSuppliesUSA)
- Kirsten Kone – Oskar Kirsten - oskarkirs@yahoo.com
- Rubber Chucky – <https://www.rubberchucky.com>
- For more sources of supply, ask your good friend Google.

For safety, Please wear eye and face protection at ALL TIMES

Oh, and be sure to HAVE FUN !!