

Lost Wood Process

The Concept

Sandwich 1 or more piece(s) of waste wood between two or more pieces of project wood and turn to form. Then, remove the waste wood and re-glue the remaining pieces together to form a new, non-cylindrical form.

Procedure

1. Dimension the 5 wood components (3 are project pieces and 2 are waste wood and all must be flat for gluing). Note that the waste wood components must be equal thickness. The centre project component should be at least twice as thick as the 2 outside project components.
2. Glue up the components using 4 strips of glossy magazine paper for the joints. The glued up block must be the same width in both end-view directions.
3. $\frac{3}{4}$ " from the designated bottom of the block, cut through the two outside pieces on each side (ie. the outside project piece and the adjoining waste piece). I used a bandsaw for these cuts. This will be used to form a spigot for chuck-mounting on the lathe and must remain there after removing the waste components.
4. Establish centres on each end being extra careful to make sure they are dead centre.
5. Mount between centres and turn to a cylinder. Turn a spigot on the bottom and mount the piece in a chuck.
6. Turn to desired shape and sand to finish quality (it is best to use a live centre during most of this procedure)
7. Split away the two outer project pieces and then the adjoining waste pieces (I start the splitting process with a utility knife and finish it with an old hunting knife)
8. Clean off the remaining paper from the 3 project pieces (use a French furniture scraper or glue a piece of #80 grit sand paper on a piece of MDF and clamp it to your bench to sand the paper off on a flat surface)
9. Glue the 3 project pieces together (the 2 outside pieces can be registered against the remaining stubs that are still attached to the bottom of the centre. Center the 2 pieces carefully).
10. Remount in the chuck and drill to the desired hollowing depth.
11. Hollow the inside to about $\frac{1}{8}$ " on the flatter sides. Sand and finish the inside.
12. Part off the vase
13. Round over the edges of the centre component to meet the sides.
14. Texture, if desired, finish the bottom and apply your favourite finish.