



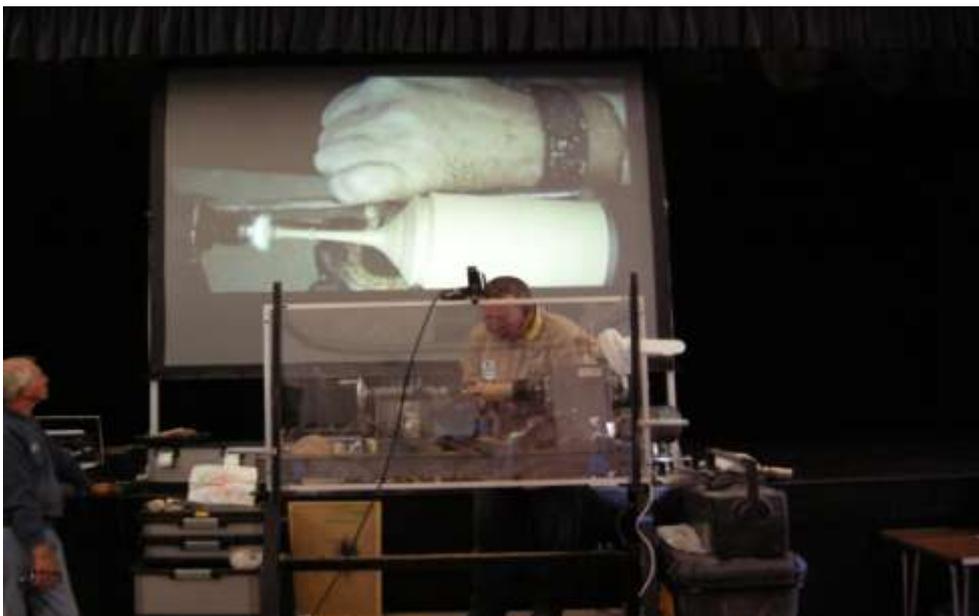
WEST SUSSEX WOODTURNERS

NOVEMBER 2016 NEWSLETTER

Ian opened the meeting by explaining that the pictures on the screen were from the Wizardry in Wood exhibition. Tom Streeter had entered some items and came away with some excellent results. Well done Tom!!!

Today we have an all day demonstration by a young and up and coming turner by the name of Les Thorne.

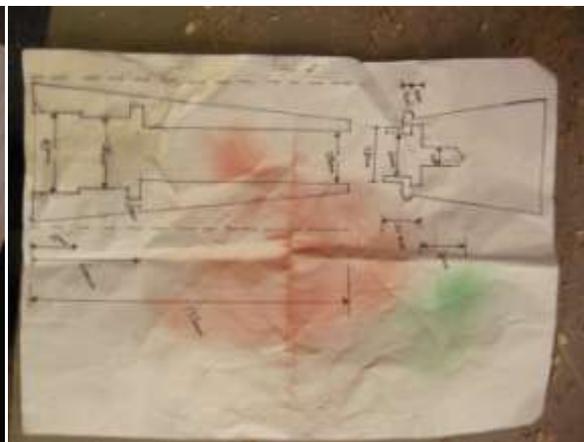
Les was going to demonstrate a pedestal box using Oak. The reason for using Oak is that as a production turner Les is asked by customers to do many of the jobs in Oak so he has quite a fair bit of it lying about. He usual makes his blank into an octagon by cutting the corners off on his bandsaw. In Les' opinion it's much quicker than starting with a square. He was using a Roughing gouge ground to 45 degrees. He uses the centre of the gouge to start off with and then switches to the wings for fine tuning. He made a spigot at each end but on the top end he made an additional small spigot to allow for any damage to the timber. He completed the initial turning by cutting in to separate the top from the base.





Les uses a hollow live centre. If you don't have one you can make your own. He made a mould for the finial end from wet paper towel. He then removed the base from the chuck and put the top back into the chuck with the finial actually inside the chuck so he could turn the inside of the top. He removed the waste.

Having partially turned the top he then replaced the base in the chuck. He said if you want to turn thin turn the inside first and then the outside. He hollowed out using his Spindle gouge with a fingernail grind. He completed the hollowing using a tear drop tipped scrapper from Robert Sorby and also used a French scrapper with a negative rake. He turned a small ledge on base to fit the top so he could finish turning the finial. Having sanded the piece Les then airbrushed it using several spirit stains to achieve the result he wanted. Les only sands to about 400 grit as feels that over that is just burnishing the wood. Les recommends a dual action airbrush. He then sprayed the box with Acrylic Sanding Sealer, which he cut back using webrax. He completed the finish with Acrylic Matt Lacquer.



The second item was to be a Crushgrind mechanism Peppermill. Les uses the Crushgrind because they tend to last longer than any other. He uses 2 pieces of wood one 175mm and one 95mm. He drills in 3 stages drilling the 2 larger holes first. You will require 3 Forstner bits of 28mm, 38mm and 43mm. The Record drill set has all the right sizes.



Because Les designs the Peppermill with a waist (he said wasted but I think he meant what I said) he found that the top spigot split when putting the top mechanism in. Les, therefore, designed his own centre to fit his head stock and the mechanism.

Les used an Arbortech machine to texture the Peppermill and cleaned it up using the Stuart Mortimer "wotary wasp". He sanded it down using a rotary wheel on the drill.

IMPORTANT ADVICE

When drying Holly or sycamore always dry them on end never flat.

The final finish was more or less the same as for the box but using Acrylic Gloss Lacquer as the final finish.



Finally Les went for the 3 Bowl Challenge as above Les asked which shape people preferred. 1st was the ogee shaped bowl. Les was using Ash.

Les demonstrated pull and push cuts. A pull cut is better when the lathe is running slow, whilst a push cut works better at faster speeds.

Les marked out the foot leaving a small sacrificial edge. To avoid pushing the tool into the wood use your body to guide the gouge.



To texture the bowl he used a Sabretooth Burr on a Dremel. Do not use the fine ones if you want a decent texture. Les then introduced his blow torch going over the bowl to remove any rough and fuzzy bits on the surface. He used the sanding wheel again to smooth down the surface. He then applied sealer and sprayed with black lacquer. If the surface still feels rough, as sealer can raise the grain, sand it down again. He then dry brushed the surface with Gold Gilt Cream.

There are many ways to hollow a bowl. Tools always run towards the bevel so if you introduce the bevel at right angles to the work the gouge is less likely to skip across the face. You could make a cut in the edge with a parting tool which also works.

Les suggests you have the tip of the gouge at 3 o'clock and the open the flute.

Les finished a great day with a short demonstration on how to use a Skew chisel using the short point, long point and centre.

The meeting then terminated with Ian thanking Les for a great demonstration and also thanking Colin Willetts for manning the camera.

FOR SALE

A lady called Jackie has a lathe for sale. The lathe is a Fartools pro TBF 1000. Its seems to be an 1" 8tpi head stock and 2 Morse tail stock. It is variable speed. We have no price but if interested ring Jackie on 01293 245852.

NEXT MONTH

December 4th is our Annual Christmas Event with Mince pies etc. There is an Open competition. No restrictions as to what other than it cannot have been entered into any prior competitions.

FINALLY

There will be no shop as Dave and Keith are at Amberley Museum for the Kids Activities.

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