

## Waveney & District Woodturners Club

# Paul Howard Demonstration

**8th August 2019**

This evening started with Paul Howard kindly standing in for Simon Hope who unfortunately has torn a ham string and is on crutches, we wish him well and a speedy recovery. Rumour has it that he did this lifting his wallet but he assures me he hasn't done this for some time.

Paul, always the professional introduced a child's seat and proceeded to entertain the appreciative audience with his turning skills. Unfortunately due to a camera fault we lost the pictures of the first half of the demo, I can only attempt to give you a guide to the various stages.

Paul had drawings and templates, (I have copies of the drawings should anyone like a copy please contact me). The angles from the template/drawing ensures the angles are correct.

Paul mounted a piece with a pre-turned spigot in the chuck and proceeded to clean up the edge using a bowl gouge and turned to size shaping the face which would become the seat area cutting a shallow spigot to enable it to be reversed then using a pull cut created a small radius on the edge. After reversing the seat the surface was cleaned up and shaped slightly lower in the centre. After again cutting a radius on the outer edge to match the other side the seat was completed.

A blank was mounted in the chuck with a pre-formed spigot, 2 circles were marked to determine the inner and outer edges of the back rest, as this was to provide 2 back rails from one piece the edge and face were cleaned up using a bowl gouge frequently checking with the template to ensure the correct size was achieved.

Using a parting tool the piece was cut just over half way through before being reversed. Again the same outer and inner circles were marked and using the template the position of the spindle holes were marked and the ring cut off using again the parting tool. Although Paul was able to achieve a lot of the shape before parting off for those less skilled this could be achieved using a set of Cole jaws.

The back rail was then cut in 2 again with reference to the template. Paul then mounted a Simon Hope sanding barrel between centres cleaned up the inside of the curve, then mounted a disc sander and with the use of a wooden jig the sanding was complete.

## Turning the Legs/spindles

Paul started with a piece mounted between centres, turned it to a round using a roughing gouge, and the diameter checked to ensure the largest required was achievable from the blank.



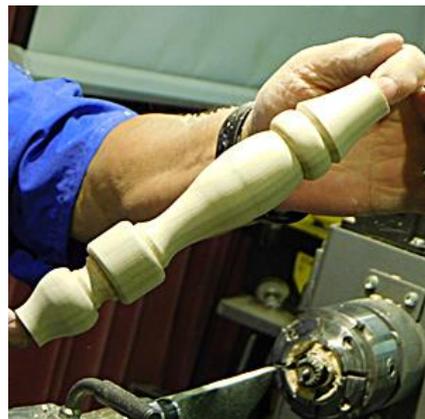
Paul used a number of different templates throughout the demonstration to ensure comparability on all spigots and legs. His drawings are what he wanted there is nothing to stop you turning one spindle that you are happy with and making your own drawing to follow



The individual diameters of each stage were then formed by making a groove to the correct diameter with a parting tool. This enabled the initial shape and beads to be formed if confident using a skew or a spindle gouge .



Having successfully turned one leg the end spigot was turned parallel to fit the holes in the seat they must not be tapered. The other 3 legs followed the same procedure.



## Turning the spindles

The back spindles follows the same path using a template which helps conformity of shape .



Paul again having marked the blank from the template cut the grooves in key places which determined the diameter before using a beading tool .



The decorative curves and beads would normally be sanded off and the spigots formed to fit the holes in the seat and back rails.



## Stringers and Stretchers

The stringers and stretchers again followed the same procedure turning a square to a cylinder.



Ensure the spigots are square and not tapered to achieve a good fit.

### **NB**

Ensure the grain matches on all pieces particularly stringers and stretchers before drilling the holes in the legs.



Paul was able to demonstrate the accuracy of his turnings as he assembled the chair in a "dry fit" state with a use of a mallet. This is always good practice to ensure any errors can be addressed before you get smothered in glue.



The completed article comes in many sizes this one was for a child the smaller one that Paul brought with him can be used as a plant stand.

Our thanks to Paul for stepping in at short notice and giving an excellent demonstration. Again our apologies for the lack of photos.

David Ritchie



The lack of photos was due to the new memory card used on the evening which never saved the pictures despite appearing to do so. The second card worked as usual.

The net result was, sadly, there are no table entry pictures attached - or to put on the website. Sorry.

*Len Stout*