



NORTH WARWICKSHIRE & HINCKLEY WOODTURNING CLUB

NEWSLETTER October 2013

www.hinckleywoodturners.org.uk

Notes from the Editor

Axminster, Nuneaton, is four years old in October. On Friday 11th and Saturday 12th October, there will be lots of demonstrations that are too good to miss. Turning, carving, chair making, power tools, ... John Lloyd, the well known cabinet maker, will be there on Saturday.

My own turning efforts this month have been very mixed.

I have been trying to turn some pendants, using Frans Brown's offset jig (see the March newsletter). The jig worked well, but the double sided tape used to hold the pendant, kept giving way. One pendant got so small, it could be used as a cufflink. Another got sucked up by my extractor as I sanded it!

My next commission was to turn some 'oxygen cylinders' for Red Cross training. I only had to convert the 6' lengths of 3"x3" pine to a specified diameter. This was more successful. However, my shed is now knee deep in shavings, but it does smell nice.

Inside, you will see my notes from Terry Coombes' demo. From the comments I've heard, his Rose Engine impressed many people (including me).

Regards
Rob Sheehan

Terry Coombes 17/9/13

By Rob Sheehan



Terry started his demo by explaining the difference between ‘plain’ turning which is what most of us do, and ‘ornamental’ turning using a Rose Engine. Ornamental turning has been done since the 15th century, dying out around the time of the first world war. John Holtzapffel and family are probably the best known Rose Engine makers. Their polished brass machines were used by nobility.

As well as rotating the work, a rose engine allows the head stock to move from side to side, and forwards and

backwards. The movement is controlled by different shaped templates called ‘roses’. The pattern is then cut by a rotating ‘fly cutter’.

Terry’s modern version uses metal, acrylic & corian roses, and modified router cutters. Driven by 3-phase electric motors, with multiple gearing options, Terry achieved in 2 hours what would take days on a traditional rose engine.



Terry’s first operation was to cut an internal and an external thread on an already turned box. By using a piece of threaded rod to control the movement, the thread on the box is an exact copy of the thread on the rod.

The next operation was to decorate the box using Trend Dolls House (& other) cutters.



The combination of rotation, side to side and forwards backwards movements allow two dimensional and 3 dimensional patterns to be created. The previous pictures show a basket weave pattern on the side of the box, a pie crust moulding on the base and a 3D Tudor Rose on the top. Terry's machine can also cut out shapes and engrave traditional Spirograph like patterns. To keep track of what 'rose' produces what pattern, Terry replaces the cutter with a pencil. This enables his machine to produce a paper copy of the pattern. Two examples are shown below.



The following pictures show from left to right and top to bottom: A traditional rose engine, a cut out shape (e.g. for goblet base), a Spirograph type engraving, and lots of examples of Terry's work.



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WOODTURNING CLUB EVENTS 2013

October	1st	Hands on	
	15th	AGM	
November	5th	Hands on	
	19th	Demo	Mark Hancock
December	3rd	Hands on	
	17th	Christmas Social	

AGM

Tuesday 15th October

Next Demonstration

Tuesday 19th November, Mark Hancock

Axminster Events

Fri 11th & Sat 12th October - Interactive Tool Event featuring
John Lloyd and many others