



# West Midlands Wood Turners

APRIL 2015

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## WHAT'S IN THIS ISSUE:

## PROGRAMME AND DIARY DATES

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3	Information re: "Woodworks"	19th April	<b>Nick Arnall</b> Demonstration
4	Hands On day review	15th & 16th May	Tudor Rose "Woodworks"
5	Display Table	17th May	Hands On
6	March Chairman's Challenge Results	25th May	New Hall Mill Demo - Malcolm Caine
7	April Challenge	14th June	<b>David Lowe</b> Demonstration
8 - 10	Introduction to Club Lathes	19th July	Hands On
10	Lathefor sale	16th August	Demonstration : To be confirmed
10	March Quiz Answers	31st August	New Hall Mill Demo - Malcolm Caine
<p style="text-align: center;"><b>Committee Meeting</b></p> <p>There will be a meeting on 10th (or 17th) April. If any member has an item(s) for the committee to discuss, please let the Chairman or the Secretary know as soon as possible.</p>		20th September	Hands On
		4th October	Castle Bromwich Hall Gardens-Apple Day
<p style="text-align: center;"><b>More Sad News</b></p> <p>We have to advise that Ken Perkins died recently, after a period of illness. Our condolences have been passed to his family by Brian Goodall, who attended the funeral.</p>		18th October	<b>Jennie Starbuck</b> Demonstration
		15th November	AGM and Hands On
		29th November	Castle Bromwich Hall Gardens-Christmas Event
		6th December	<b>Mick Hanbury</b> Demonstration and Christmas Lunch
		<p><b>Demonstration days start at 9.15 am and conclude around 4.30 pm. (Setting up from 8.30 am)</b></p> <p><b>Hands On days start at 9.30 am and conclude about 4.00 pm.</b></p>	

### Pieces by past members. Whose are they?



Our March Hands-On meeting was a hive of activity and a most enjoyable day. All of the lathes were kept busy throughout the day. We had 42 members attending which represented 71% of our current membership, this number included 2 new members who signed up on the day so a warm welcome to both of you. We also had 3 visitors and I look forward to seeing them back at future meetings.

The Chairman's Challenge was well supported again with 16 entries this would have been 17 but one was damaged in transit.

I am sure that you are all as impressed as me with the changes Brian has made to the website. This has become a valuable asset to the club and Brian deserves our thanks for the work he has put into the site over recent months. Don't forget to check out the gallery and let Brian know the catalogue number of any of your pieces that you want to see featured on the home page of the website.

Thank you to everyone that donated turned pieces for the sales table/pick a peg. By the time this newsletter comes out we will have been to Castle Bromwich Hall Gardens Easter Event. I would like to stress that these events are not a separate part of WMWT they are club events and therefore all club members are welcome.

### **Daventry 15<sup>th</sup> and 16<sup>th</sup> May 2015**

Our meeting 19<sup>th</sup> April is your last chance to bring pieces in for the display table. The rule this year is a maximum of 3 pieces per club member to be on the display table. If you only have 1 or 2 pieces that's fine, remember 3 is the maximum not the minimum. I am also making my appeal for volunteers to take a turn on the club stand to talk to visitors. Volunteers are also needed for the 3 turning competitions over the weekend. If you have not been to this event before please come along you will be most welcome and have an enjoyable day. Entry is free, there are trade stands and demonstrations by professional turners including our own Adam Stephens.

On Friday 13<sup>th</sup> March I went to Paskins with Bob Rimmer, Brian Bateman and John Hooper. While I was there I met three friends that I have known for about eight years. As we were talking I found out that two of them Graham Lavell and Allan Buttery were members of WMWT in the early years of the club. The reason for this story is that Allan Buttery offered to send me some photographs for the club history pages which I have now received and hope to get them downloaded soon.

#### **Thought for the day**

Time flies like an arrow, but fruit flies like a banana

*Hacking his way through dense jungle, an explorer comes across a pygmy standing over a dead elephant.*

*"Did you kill this?" asked the explorer.*

*"Yes" replied the tiny man.*

*"That's amazing! I've never seen such a thing. What did you use?"*

*"A club" shrugged the pygmy.*

*"It must have been a bloody big club!"*

*"Indeed it was," said the pygmy. "There must have been about 100 of us."*

**TUDOR ROSE "WOODWORKS"  
DAVENTRY  
15TH & 16TH MAY**

Our next meeting (Nick Arnall Demo) will be the last before "Woodworks".

**Please bring your display entries (max 3 items) on: 19th April**

and put them on the table which will be set up for this purpose. Items may be re-packaged to facilitate transport to Daventry, and should be available for collection on 17th May (Hands On day).

**Please note** that due to space limitations, it may not be possible to display all the pieces submitted. We expect to be able to include some of everyone's work during the show, and we may use different items on each of the two days.

**Competitions at Woodworks**

- Whole show:** Best Display
- Friday:** 11.30 - 13.00  
Wooden egg in wooden cup
- Saturday:** 11.00 - 13.30  
Lidded box from supplied blank.
- Throughout the show:**  
Pair of matching candlesticks,  
**Supply our own blank(s).**  
9" - 10" high.  
To be on judging table by 14.00 Saturday

**Explanation of date change for "Woodworks".**

The original date coincided with the General Election, when the leisure centre is used as a counting station, and was not available for shows and exhibitions.

**PARKING ARRANGEMENTS FOR WOODWORKS**

(E-mail from Tudor Rose Woodturners)

On the Friday we anticipate that there will be limited parking close to the show hall in the Leisure Centre. This is because the spaces in P1 and P2 will be occupied by employees in the town hall or town centre or the Icon building. For this day we are recommending a car park, P12 on the map, about 1/2 mile from the centre. We will signpost drivers to this park and will run a free shuttle bus from it to the Show Hall between 9.00am and 5.00 pm for this day

On Saturday we have arranged for P1 (normally closed at week-ends) to be opened. Naturally drivers can ignore the signs that say reserved for the ICON building or similar.

**Daventry District Council**

Car Park	Time Limits Available (hrs)			No. Of Bays	No. Of Bays (Blue Badge)
	All Day	3	1.5		
P1	✓	✓	✓	111*	0
P2	✓	✓	✓	114	5
P3	✓			17	0
P4	✓	✓		62	10
P5	✓			80	0
P6		✓		127	0
P7			✓	20	8
P8	✓			10	0
P9		✓		66	7
P10	✓			75	5
P11	✓	✓		30	0
P12	✓			168	0
P13	✓			144	0
P14	✓	✓		372	13
P15	✓			195	9

\* 68 additional spaces are available for iCon users.  
# Open to the public but privately owned and managed.  
Blue badge symbol: Dedicated bays for blue badge holders.

**Time limits & non-return periods apply. Parking in accordance with the Regulations is free.**

For further information please phone (01327) 871100 or e-mail [parking@daventrydc.gov.uk](mailto:parking@daventrydc.gov.uk)

**HANDS ON DAY REVIEW: PHIL STEVENSON**

We had another great Hands On Day due entirely to the very high level of participation of all involved - thank you! It is rare that we have members, old and new, waiting for a turn on a lathe but that was the case for the second Hands On Day running and hopefully everyone who wanted to had a go.

All club lathes plus the personal lathes of Bob Rimmer, Malcolm Thorpe and Malcolm Caine were going full pelt as well as the sharpening station. Please don't underestimate the time and effort involved in bringing personal equipment to a club day; having done it myself I know the hassle involved in packing and unpacking large amounts of tackle for the greater enjoyment of the club at large; thanks to those who consistently make the effort.

Thanks also to Graham Hunt for the chainsaw demo and workshop; always informative and it's great for us to have this resource of the highest professional standard. Please, please continue to support and participate in these sessions - I really believe they are the heart blood of what our club is about and don't hesitate to pass any suggestions on to me of how we can develop these meetings further. We demoed, we televised, we taught, we played, we discussed and compared - what better way to spend a Sunday? I can't wait for the next one!



Thanks to everyone who bought cellulose thinners or sanding sealer and apologies to those I was unable to supply. I didn't realise how popular the offering was going to be. I will be getting another batch of each in time for the next Hands On Day in May so please let me know in advance if you want any and I will put you on my list. Email me on [phil@stvnnsn.co.uk](mailto:phil@stvnnsn.co.uk).

Thanks again  
Phil Stevenson



The "Pick-a-Peg" board and the "prize" stand, which will be in use at Castle Bromwich on 4th April.

DISPLAY TABLE:

WEST MIDLANDS WOODTURNERS



**CHAIRMAN'S CHALLENGE MARCH 2015**

**Novice Group: (8 entries) Dibber**

1st Place: Dave Reynolds



2nd place: 4 entries share this placing

Gavin Morrice



John Whitehouse



Dave Howgate



Bill Finnigan



3rd Place: Malcolm Robinson



**Intermediate Group: (2 entries) Novelty Item**

1st Place: Wolfgang Schulze-Zachau



2nd Place: Ken Beresford



**Advanced Group: (6 entries) : Novelty Item**

1st place: Cliff Lane



2nd Place: Ted Gill



3rd Place: Malcolm Thorpe



**CHAIRMAN'S CHALLENGE FOR APRIL 2015**

**Novice Group: Meat Tenderiser**



**Intermediate and Advanced Groups:**

**Lidded Box**

Some of our new members and recent visitors are also new to woodturning and it was mentioned to me that some information about lathes in general and the club lathes in particular would be useful.

WMWT has three lathes that you will see being used at club meetings, two Axminster M330's and one Axminster 1416 variable speed. These would fit into the category of midi lathes. Smaller lathes are classed as mini lathes, in addition there is an enormous range of larger floor standing lathes.

Before we look at the specifications of the club lathes it may be useful to discuss some of the terminology used.

- **Lathe Bed.** Usually, but not always, made from cast iron for stability and strength, the weight also helps reduce vibration.
- **Headstock.** Usually cast iron and bolted or clamped to lathe bed Work is driven from the headstock through the motor and via the spindle. The headstock will also hold the means of converting the motor speed to various spindle speeds using stepped pulleys or electronic variable speed control.
- **Tailstock.** Usually cast iron. Can be positioned at any convenient point along the bed and locked into position to hold work between centres. The barrel of the tailstock has a morse taper to accept accessories such as revolving centres.
- **Toolrest.** Can also be positioned and locked at any point along the bed to provide support for tools. The toolrest can be moved up or down as required or turned as needed for faceplate work. While the whole assemble is usually called the toolrest the part that fixes to the lathe bed is the banjo and the toolrest and stem fit into this.
- **Swing over the bed.** The swing is twice the distance from the centre of the spindle to the bed of the lathe, this dictates the largest diameter that can be turned on the lathe.
- **Distance between centres.** This denotes the maximum length that can be turned on a particular lathe. In reality the distance between centres will vary dependant on the type of centres or other accessories used.
- **Spindle thread.** The end of the spindle is threaded to allow the fitting of accessories such as a chuck or faceplate. Most popular lathes use a spindle thread of 1inch x 8tpi,  $\frac{3}{4}$  inch x 16tpi or M33 x 3.5 (threads per inch or thread pitch if metric). Accessories such as chucks are readily available in these three thread sizes but lathes using other threads may limit the choice of accessories available.
- **Morse taper (MT).** The spindle and tailstock barrel are bored with a decreasing tapered hole called a Morse taper, fittings such as drive centres, tail centres, Jacobs chucks etc will have a corresponding taper. Most lathes nowadays have a 2MT although some manufactures still use 1MT and some may have a 3MT
- **Variable speed.** Enables the turner to change speed while the lathe is still running. It can be mechanical variable speed, which is based on adjusting the width of one of the pulleys, or an electrical variable speed giving infinitely variable control.
- **Pre-set fixed speeds.** A belt is moved along stepped pulleys allowing the operator to change speeds, usually something like 420 – 720 – 1040 – 1500 – 2200 – 3250 RPM, obviously, this is done with the lathe switched off.
- **Weight.** The weight of a lathe may be an important factor if there is a need to move it regularly for example to take into the club for hands-on days or to craft fairs.
- **Spindle lock.** Will hold the work in a fixed position to make jobs like piercing, texturing or carving easier.
- **Indexing.** Gives the ability to hold the work in evenly spaced divisions, commonly 24, used for jobs like drilling equally spaced holes, fluting along spindles marking out spirals on hollow forms etc.

- **Reverse option.** Can be useful sometimes when sanding difficult grain. If work is held in a chuck it must be fitted correctly to avoid the risk of the chuck winding off the spindle Reverse on some larger more powerful lathes allows work to be mounted on the back of the headstock where much bigger pieces can be turned.

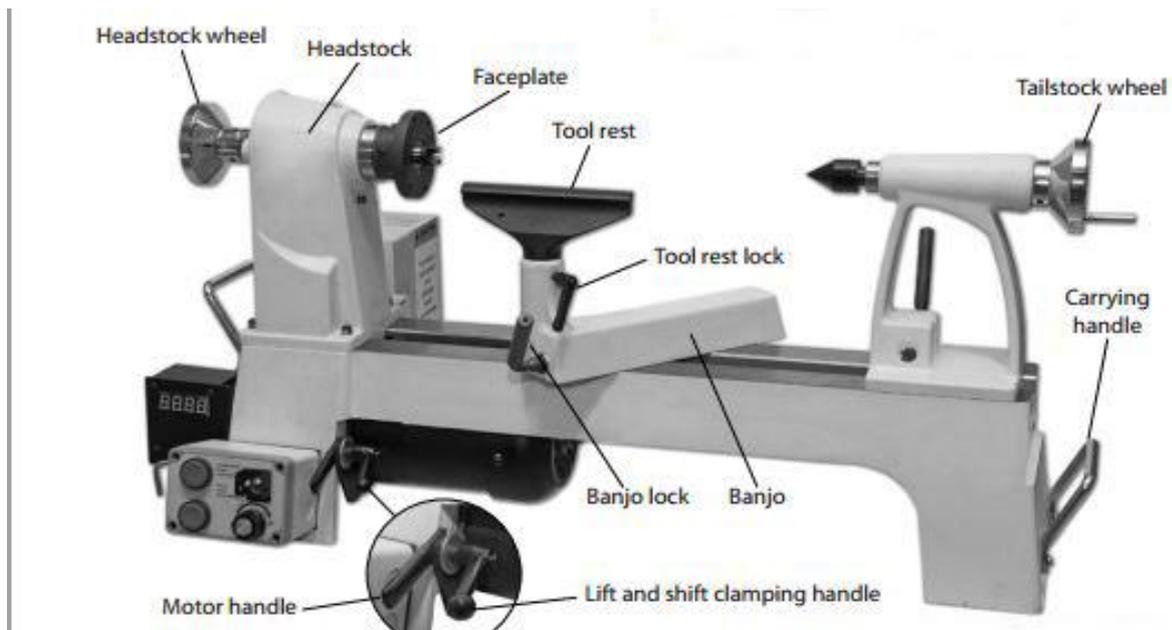
The Axminster M330 has 6 set speeds 420 – 720 – 1040 – 1500 – 2200 – 3250 rpm

The Axminster 1416 has 3 speed ranges 0 - 800/ 200 – 1750/ 400 – 3600 rpm

The M330 is no longer in production but there is a wide range of alternatives from companies like Axminster, Jet, Record, Charnwood and others.

Specification		
Lathe model	Axminster M330	Axminster 1416VS
Swing over bed	240mm	350mm
Between centres	330mm	400mm
Spindle thread	1 inch x 8tpi	M33 x 3.5
Morse Taper	2MT	2MT
Variable speed	No	Yes
Indexing	No	Yes
Spindle lock	No	Yes
Reverse	No	Yes
Motor	375w	560w
Weight	32kg	41kg

**Axminster 1416VS lathe**



If this has given you the urge to go out and buy a lathe the best advice that I could give is don't do it until you have spoken to other club members and discussed what you need a lathe to do.

Please go to the WMWT website and look at the club's Health and Safety Policy and in particular the Safety Tips

This web site has some information about lathes and tools. It is an old site and not been updated for some time but most bits are still relevant. The site is connected to Tool Post at Didcot, Oxford, so you will see links to their shop.

<http://www.woodworking.co.uk/Technical/Beginners/beginners.html>

Perhaps in a future piece we can look at buying a lathe, any volunteers to write this?

I hope this has helped.

Cliff

**FOR SALE:**

Record CL3 Lathe:  
5speed, ¾ hp motor  
36" between centres, bowl turning attachment - up to 30" diameter.  
£350

Record stand for CL3: £100

Location: Sutton Coldfield  
Contact: Philip Watts: 0121 308 7838, or Editor@mswa.co.uk

Answers to last month's quiz:

1 Gerry Marlowe



2 Nick Arnall



3 David Lowe



4 Jennie Starbuck



Please send materials for the newsletter to :  
john@hooper25.plus.com

If you want to send paper based materials, give me a  
ring on 0121 354 8464 to make arrangements.