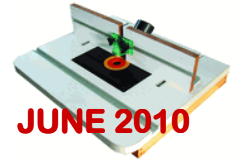


# WestTurn News



Guild Web Site: <http://www.sydneymwoodturners.com.au>

**Issue 124 8<sup>th</sup> June 2010.**  
Western Sydney Woodturners

Club Web Site:  
[www.westernsydneywoodturners.com](http://www.westernsydneywoodturners.com)

Postal Address: PO Box 4008, Lalor Park, NSW 2147  
Twin Gums Retreat Address: Cnr Northcott Rd & Diane Dr, Lalor Park

**President** **Eddie Catford** 9837 3311

**Vice-president** **Emanuel Farrugia**

**Treasurer & Membership Secretary** **Robert Young**

**Secretary & Public Officer** **Wayne Hipwell**

**Welfare Officer:** **Graham Murray** (0412 913 508)  
If you know that any member or their partner is not well, give Graham a call and he'll organise a card to be sent.

**Catering Officer:** **Brian Brooks**  
The lunches at the Maxidays are always well received by the members who appreciate Brian's high standards.

**Library:** See **Gary Hansell** if you would like to know what is currently available from our library.

**Stores, Equipment & Maintenance:**  
**Graham Dawes, Alan Phelps, Mannie Farrugia** and **Dave Matthews**.

Please let them know if you find any problems with any of the machinery in the hall.

**Editor:** **Bill Hartley** 98716128  
[williamhartley@optusnet.com.au](mailto:williamhartley@optusnet.com.au)

## Western Sydney Woodturners Programme 2010

**Workshops:** Every **Monday** 8.30am—3.00pm \$5  
**Tuesday** from 8.30am, \$5  
**Wednesday** from 8.30am \$5  
**Thursday** from 8.30am, \$5  
**Friday Night** from 7.00pm. \$3

**Maxidays: Third Sunday** every month from 9.30am  
There is usually a demonstration by a guest turner then Show & Tell. Lunch is provided. Cost \$6.

**Committee Meeting:** The committee meeting is held on the **second Tuesday of the month** starting at 7.00pm at Twin Gums. All members are welcome to attend.

### Coming Events:

Sunday 20<sup>th</sup> June  
Sunday 4<sup>th</sup> July  
Saturday 10<sup>th</sup> July  
Sunday 18<sup>th</sup> July

Maxiday — Ernie Newman  
BUNNINGS Barbeque  
Ladies Day  
Maxiday — Karen Blewden  
& Alan Game

**Annual General Meeting**  
BUNNINGS Barbeque  
BUNNINGS Barbeque

Saturday 24<sup>th</sup> July  
Sunday 15<sup>th</sup> August

## President's Message

Welcome. This month started off a little slow with Linnwood house, our Maxi-day and Blacktown festival being the only things in the diary. As it turned out the off again, on again, off again festival obviously didn't go ahead due to the weather conditions but I would like to thank all those who put themselves out to prepare and front up only to turn around and unload the trailer before going back home.

On a brighter note, we received the long awaited letter from the Council giving us permission to have a shipping container. Now we have the task of putting it all together. We will be looking to anyone who has contacts with a bobcat or excavator to prepare the area and help in the many other things that will need to be done.

We have also been donated a trailer that needs some work and we will be looking for help in its restoration. If you feel you are able to help with this project, let us know. On both these projects we will be looking for suggestions as to the best way they can be set up to maximize their usage.

## HAPPY BIRTHDAY

PETER BOHAN  
EDDIE JOHNSON  
LAWRANCE MIFSUD  
GRAHAM SUGAR

PETER HANNON  
HANS KUEHN  
MATTHEW SPARKS

Happy Birthday to all, we hope you had a great day with many more to come.

## Donations to the Club

Over the last eight / ten months we have had various items (small tools, equipment etc) donated to the club by various members. At the time of donation, these kind people were thanked publicly and privately for their generosity. On behalf of all the members we thank everyone who has donated these items as they have and will make for better facilities for all members in their various stages of expertise. As some of the members asked not to be identified publicly please accept this as our thank you.

Phone: 02 4655 7295  
Mobile: 0418 221 554



**Frank Hicks**

Macarthur Woodturning Supplies



48 Engesta Avenue  
South Camden NSW 2570  
Email: [frankhicks@bigpond.com](mailto:frankhicks@bigpond.com)  
ABN: 91 355 662 658

### Sick Report

It is good to see Bob Jarvis back at the club after an extended time in hospital with his dickie knee. Graham Sugar's wife is also back home, progressing slowly. We wish her a speedy recovery as well. We hear that Hans Loomans is not the best at this time and hope he gets well soon.

### Membership Renewal

By now everyone will have received their renewal notices. **PLEASE assist us by paying your membership BY AND NO LATER than 30<sup>th</sup> JUNE 2010.**

YOU ARE ALSO REMINDED THERE WILL BE **NOT** BE AN EXTENTION AS IN PREVIOUS YEARS.

ANY MEMBERSHIP RECEIVED AFTER THE 30<sup>th</sup> JUNE WILL HAVE TO BE A NEW MEMBERSHIP.

### AGM Reminder

A further reminder that the **Annual General Meeting** will be held on Sunday 18th July 2010 at 1.00pm after our Maxiday lunch.

All positions will be vacated and members are encouraged to seriously consider applying for positions. Come along and participate in electing new officers for the ensuing twelve months.

### Thickneser/Planer/Jointer

A special thanks to Bill Hartley for advertising the sale through his account on "eBay". To the surprise of many we were very successful in achieving a price which was well above what we expected.

### Lighthouse

Again Joshua and Luke continue to show they are appreciative of their training. Both have been able to express themselves in their own designs on the pieces they have been working on, under the tuition of their mentors Bob and Rohan. On a recent excursion they were shown how chain saws were used to cut timber into manageable pieces and how a slabbing machine worked. They were then given a lesson on the correct way to cut a log on the band saw and the various ways to get the maximum use out of the piece of timber taking into consideration the drying and storing process.



Luke Dawson proudly displays one of his pieces of artwork.



### Congratulations

While a little late, we congratulate **Ken Vodden** on his achievement in third place at the Royal Easter Show for his segmented vase. Ken, along with so many of our members, is making pieces of first class quality. This is borne out by recognition of position at shows and comments by demonstrators and visitors alike. This recognition is encouraging us all to accept our work as quality and continue to strive for perfection. Keep up the good work and encourage others to follow in your footsteps.

### Brads Burls and Dan Austin

Dan Austin (a member of our club) recently purchased Brads Burls and has moved the operation to Prospect. Dan has indicated he will have a site at the Working With Wood Show which he hopes will give him some exposure and assist in getting the word out. He has also indicated he is very happy to help the members with the cost of burls and slabs.

We wish Dan all the best and much success in his venture. Dan can be contacted on:

Phone 9636 9333  
Mobile 0417 443 151

*"Become masters & turn master pieces"*

**Eddie Catford 9837 3311**

### NEW MEMBERS

Welcome to all our new members this month. We hope your stay is both long and rewarding.

|                 |                    |
|-----------------|--------------------|
| Lex Beatty      | Alan Curtain       |
| Luke Dawson     | Liam Healy         |
| Jukic Dushan    | Laurie Reeves      |
| Joshua Robinson | Alchilesh Shivaraj |



Sometimes the teacher becomes the student. George Hulme gives a lesson to Bob Hodge on the art of constructing sturdy, attractive boxes.

### Linnwood House Sunday 16<sup>th</sup> May

A beautiful autumn day at Linnwood. Manny Farrugia, Dave Matthews and Bob Young kept the sausage sizzle guys working! There were plenty of people but the purses and pockets seemed to be getting deeper, although we managed to collect \$66 on the day for our charity. The Morris Car Club was on show along with the band and singers as well as the Pikemen and Musketeers, making loud explosions with their drill routines. The Toolmen did not turn up so we had a large area in which to display our wares and charity bowls.



Linnwood remains a quiet and peaceful venue and their next day will have antique cars on display.

Our camphor shavings have become famous. On arrival, we received an order for four containers before we had even left the car. David, the master top-maker, kept the few children and nannas happy. His banana hangers still manage to bamboozle people as to their use, but upon enlightenment all agree as to their usefulness.

by Bob Young

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# BLACKTOWN TYRE SERVICE

17/47 Third Ave, Blacktown



The club responded to a request from the Carlingford Boys Brigade for some boys to come over and see what their grandfathers get up to.

### Actual Court Records:

ATTORNEY: What was the first thing your husband said to you that morning?

WITNESS: He said, 'Where am I, Cathy?'

ATTORNEY: And why did that upset you?

WITNESS: My name is Susan!

ATTORNEY: Are you sexually active?

WITNESS: No, I just lie there.

(Continued on next page...)

## The Lathe

by Neil Guthrie

Will had turned a bit in High School  
And he'd liked the things he made  
So the memory though distant, still felt good  
And now a lifetime later  
With retirement coming soon  
He decided he would like to turn some wood



A wood lathe, that's the ticket  
And not some little job  
He would buy the very best that could be found  
So he scrolled around in Google  
Till he found a wood turn club  
And went to have a chat and ask around

They were really very helpful  
They came up with several lathes  
And none of them was what you would call cheap  
But he'd also need a band saw  
Don't skimp on that they said  
Remember what you sow is what you reap

Of course they mentioned chisels  
A minimum of eight  
His mind was doing sums but he was cool  
But that's not all they told him  
Chisels need to be kept sharp  
And a grinding wheel was one essential tool

The lathe would come with faceplate  
But he'd have to buy a chuck  
And they said the really good ones don't come cheap  
Then one old timer asked him  
Have you got a decent shed?  
He didn't — and a shed would cost a heap

So he took this information  
And he started on his quest  
The cost just multiplied with each new day  
Some mates helped pour the concrete  
Then helped erect the shed  
For electricals he knew he'd have to pay

The lathe went in quite smoothly  
The band saw followed next  
And then he realized he'd need a bench  
He built a sturdy cupboard  
And the grinder got a stand  
But the cost of eight good chisels was a wrench

He bought a dust extractor  
And a battery powered mask  
Then he bought some nice big blanks of Huon Pine  
At last he started turning  
And he made a sort of bowl  
It wasn't really art but it was fine

So he polished it with oil and wax  
And took it off the lathe  
Then he bravely took it in to show his wife  
She asked how much this bowl had cost  
He said \$5000 bucks  
And scampered out of there to save his life

## Santa's Tip

Some of you have noticed new members using a detail gouge on the outside of bowls and questioned this practice. The reason they are doing this is because that is what they are taught in their lessons. I teach them how to cut sockets, spigots and the outside of the bowl with the detail gouge and to use the bowl gouge on the inside.

The reason for using the detail gouge for all outside work can be easily understood by comparing the sharpening angles of the detail and bowl gouges. Hold the two side by side looking at the sides so you can compare the grinding angles. The detail gouge at 25 degrees is a sharper tool than the bowl gouge at 40 degrees even if they are both properly ground and honed. This means it will not only cut cleaner but will also have smaller forces generated on the tool, making it easier to control. The result is a cleaner finish off the tool than with a bowl gouge.

Allen Phelps can confirm this as he assisted me in recent classes and was amazed at the finish I achieved on a charity bowl with that dreadful maple that tears so easily. It had a soft lustre not unlike the finish achieved with burnishing. Minimal sanding is needed if this technique is used.

A final point. I notice that many turners use their gouges close to horizontal which yields a scraping cut (shows up as sawdust coming off the job). Lower the handle till the bevel is rubbing without cutting, then raise the handle till it starts cutting. You will see spiral shavings coming off. This is the correct cutting angle for the tool. Aggressive cutting yields coarse spirals, delicate cutting will give fine spirals like cotton wool. Use somewhere in between for shaping and the delicate for finishing. With a little practice you will be delighted.

Luv Santa

## Actual Court Records (Continued)

ATTORNEY: Can you describe the individual?

WITNESS: He was about medium height and had a beard

ATTORNEY: Was this a male or a female?

WITNESS: Unless the Circus was in town I'm going with male.

ATTORNEY: Doctor, before you performed the autopsy, did you check for a pulse?

WITNESS: No.

ATTORNEY: Did you check for blood pressure?

WITNESS: No.

ATTORNEY: Did you check for breathing?

WITNESS: No..

ATTORNEY: So, then it is possible that the patient was alive when you began the autopsy?

WITNESS: No.

ATTORNEY: How can you be so sure, Doctor?

WITNESS: Because his brain was sitting on my desk in a jar.

ATTORNEY: I see, but could the patient have still been alive, nevertheless?

WITNESS: Yes, it is possible that he could have been alive and practicing law.

## Ken Cooper Demo — 15<sup>th</sup> May

On his last visit as guest demonstrator at our club, Ken went through the details of sharpening, grinding and honing the various tools we use. He is an enthusiast who is willing to pass on the benefits of his experience on any topic of interest to the group. So if you would like Ken to present a session on any particular matter, let the executive know and we'll try to make it happen.



Anna Dawes organises our guest speakers and tries to give a variety to suit the members' requests. If she knows in advance, she can try to get a speaker who is proficient in that particular field.



On this occasion, Ken gave us some general hints and got the members contributing to matters such as the stability of the lathe to prevent vibration and the need for a solid base. He pointed out that we should never use the lathe bed as an anvil because hammering on it can cause it to crack or break, even though it is made of cast iron.

We discussed the importance of cleaning the dust from the tapered hole in headstock and tailstock before fitting the centres, as well as the method of fitting new belts and bearings. Graham Dawes showed his special bearing puller he made for this job and demonstrated how it works. Eddie Catford outlined our present maintenance program and the intention that ultimately all club lathes will have new bearings.

Ken then discussed the use of cone-shaped live centres and stebcentres and the occasions when the use of these would be appropriate.

He explained that with care you can turn metal on a wood lathe. For example, making a ferrule for a tool handle from a brass plumbing fitting. He explained how an engineer's chuck can be converted to fit a wood lathe for holding metal for turning, and emphasised the safety aspects of this type of work.

At one of the courses which Ken attended, he obtained some useful information regarding the optimum speed to use when drilling. He has a chart which shows the speed you should with each size of drill when working on steel, copper, wood, etc. For an example, when drilling steel, divide 3000 by the diameter of the drill (say 6mm) which produces a speed of 500rpm.



The dangers of trying to free a chuck which has jammed on the lathe was examined. Don't try to lock the shaft by using the indexing pin as it will surely snap off. He showed an alternative method involving clamping a piece of metal or hardwood in the jaws, grabbing with a spanner then whacking it with a hammer. When fitting a chuck, make sure it is screwed completely on. Fibre washers can be used to prevent chucks jamming.

He showed us a turned jig designed to go behind a screw in a chuck. This circular piece of 3" diameter gave more surface area to hold a bowl securely and acts a faceplate.

Ken then discussed tool design, suitable handles which are bigger at the blade end and how to attach them. He prefers the traditional brass for a ferrule, in a size which suits the tool. When attaching the handle, he elongates the drilled hole so that the tang fits more securely.



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Show & Tell 21<sup>st</sup> March



Steve Hitchcock and his burl bowl.



Dom Vaticano presented a ship's wheel.



Ken Vodden shows some fine laminated work.



George Wells with a lampshade cake stand



George Wells  
Cake stand.



Steve Hitchcock  
Plate and bowl.



Steve Hitchcock  
Rosewood Plate



Steve Hitchcock  
Nut bowl; banksia



Dom Vaticano ship's  
wheel.  
Euro beech and olive.



Dom Vaticano bowl.  
Pencil pine. Estapol.



Dom Vaticano bowl.  
Pencil pine. Estapol



Ray Smith wedgetail ea-  
gle.  
Intarsia; various woods.



Graham Dawes  
Offset chuck.



Ken Vodden.  
Laminated bowl.



Ken Vodden.  
Laminated bowl



Syd Churchward. Tops  
and Baseball bats.

# Glues & Adhesives

*Alan Phelps*

*1 Calpac Place Toongabbie NSW 2146*

Ph 96316381 Fax 9896 6067

Email [abphel@bigpond.net.au](mailto:abphel@bigpond.net.au)

Nowadays this has become a somewhat technical subject with a lot of different adhesives available.

All I want to talk about is the ones that as Woodturners we can go and buy at our local supplier and they do the job successfully.

## **PVA Glue (White Glue)**

This is generally sold under the names of Selleys Adquhere, Pascol, Woodworkers Glue, Craft Glue etc This is a white coloured fairly thick emulsion. It can be thinned out with water for use on paper or cardboard and it is water clean up. There are various types available, and the main difference is the viscosity and the amount of solids in them

This is probably the most widely used wood glue today. It's suitable for all woodworking but not used on plastics or ceramics.

I don't use this for woodturning. It has the characteristics that the joint may creep under stress and it softens with heat. When we are turning and especially sanding, the job gets fairly hot and I feel that a joint could fail under these circumstances. Some time back one of our guys was doing some segmenting work using PVA. He left the job in the back of his car on a hot day when he returned a few hours later it had fallen apart.

## **Crosslinking PVA (Another white glue)**

This is known as Selleys Tradesmans Choice and a lot of other names.

This looks the same as PVA and is water clean up. This is an improved version of PVA and it generally does the job a bit better

I have used this for general woodworking but never for woodturning but it may be OK.

## **Yellow Glue (Aliphatic Resin)**

This is sold under various trade names but the one we can obtain is, Titebond and it comes in three grades Titebond, TitebondII and Titebond III. They are graded by how waterproof they are.

This comes in a yellow emulsion and is waterproof. It does not seem to creep and doesn't soften with heat and is extremely strong. We use this at our club by the gallon, mainly for laminating recycled timber for our Charity Bowls project and it is water clean up. So far we have not had any problems and the price is reasonable. We buy ours from Carbatec by the gallon. So for general wood turning we recommend this.

## **CA or Superglue (Cyanoacrylate)**

This is mainly known as superglue and is sold under a lot of different trade names.

This glue is the greatest gift to Woodturners there ever was. It generally comes in small containers and tubes and in three consistencies, thick, medium and thin like water.

This is universal glue that can be used on just about everything. The price varies enormously. You can pay a lot of money buying the better known brands or alternatively you can buy from the el cheapo 2-dollar shops. I have used both and I have come to the conclusion there is no difference so we buy the cheap type. We use it by the bucketful up the club. Its excellent for gluing up cracks and splits especially for fine cracks. You use the thin watery type. You put it on a fine crack and the glue runs right thru the joint ( This is called capillary attraction) then sets quickly and you can continue turning. Is good for use on larger splits you fill the hole with sawdust apply the glue and it fills the whole void. It's also great for assembling pen kits and now our guys are using it for a pen finish. You give the pen multiple coats then you cut and polish and it comes up like glass.

## **Hot Melt Glue**

We mainly use this for a temporary joint especially to fix alum face plates to bowls etc

This comes mainly in round rod form and you need an electrically heated glue gun to apply it with.

It works quite well but its not the strongest of joints. It can be easily dismantled by applying heat or solvents to break the joint

Its moderately expensive to buy, the main cost is the electric glue gun.

It has a limited use in woodturning

## **Polyurethane**

This is a comparatively new glue. It looks like, and has the consistency of thick honey. It stains your skin if you are not careful. It's a good glue that bonds almost anything to anything. You can bond timber to metal with this. Its easy to apply but fairly expensive to buy. It is sold under various trade names. Selleys Durabond is one and Vise is another. The only problem is that it foams out of the joint when drying and its time consuming to clean up.

You can use turpentine to clean up with.

## **Two Part Epoxy Glue.**

These are arguably the ultimate in wood glues.

If you have a really difficult gluing job, then this is the glue.

It bonds just about everything. The normal trade names are Selleys Araldite plus a lot of other names

It also comes in a slightly different form for boatbuilding. Carbatec sell these.

Its fairly expensive and you have to mix the two parts.

We don't use it all that much in woodturning but when everything else fails try this.

Alan Phelps Nov 2009



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- Includes 63mm dust extraction port
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This well designed heavy duty disc sander packed with features would be a welcome addition for any workshop. Including balanced steel sanding disc, fine ground cast iron table coupled with precision rack & pinion tilt, mechanical disc brake stops the disc in seconds and powerful 1hp motor, represents excellent value.



**\$229** (L1335)

## TH410 THICKNESSER

**Woodfast**

- Large 407 x 225mm capacity
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- 3 knives Ø70mm cutter block system, 5300rpm
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- Great innovation variable feed speed system between 5 - 7m/min
- Special material inside cabinet is used for reducing noise
- Infeed/outfeed support arms with 3 material rollers
- 4mm maximum depth of cut via hand wheel with digit height counter
- Integral extraction hood with a 120mm dust extraction outlet



**\$1,795** (W680)

## TS250RS PANEL SAW

**Woodfast**

- 254mm diameter saw blade with 45° tilting arbor
- 80mm @ 90°, 54mm @ 45° depth of cut
- 1.5kW / 2hp 240V motor
- Ideal for the serious home user who wants to accurately process solid wood but also has the need to rip larger sheets
- Professional aluminium sliding work table with 1250mm travel ensures smooth & minimal friction travel
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- Fence includes adjustable flip over stop
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- 800 x 620mm work table
- Rise and fall spindle
- 600mm ripping capacity



**\$1,695** (W688)

## M910 WOOD LATHE

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- 1.5kW / 2hp 240V Inverter motor
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- Spindle lock for easy removal of chucks
- 100mm tailstock spindle travel
- 30mm x (3.5mm pitch) spindle
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