

**Christchurch
Woodturners
Association Inc.**

Splinters

Newsletter of the Christchurch
Woodturners' Association Inc.

www.woodturning.org.nz



The club meets for demonstrations on the first Thursday of each month at 7pm in DA02 at the College of Education, and for a free hands-on night at Cobham Intermediate every third Thursday of the month, also at 7pm. All are welcome; a \$3 door charge covers costs for the demonstration evenings.

**Page 2... Upcoming
Events**

**Page 8... Course 7 & 8
Graduation**

**Page 11...Nova TL 1500
for Sale**

Upcoming Events

Oct 2nd

Club Night

Soren Berger will be demonstrating

Oct 2nd
to 5th

Woodturning New Zealand International Symposium

At Wesley College, Paerata, just 30 minutes south of Auckland Airport.

Demonstrators include: Phil Irons, Cindy Drozda, David Nittmann, Cythia Gibson, Mike Gibson, Joey Richardson, Ken Wraight, Bruce Wood, Vaughn Richmond, Shane Hewitt, Theo Haralampou, Robbie Graham, Neville and Emma Walker.

Oct 16th

Hands On at Cobham

Pyrography ~ making wire tips. We will be looking at a series of videos on making Detail bits, Branding and Pattern tips, Spare point tips, Chisel Point tips, Detail Shader bits and Hoop tips. There will be a range of different gauge wire to experiment with and all the tools required to make your own tips and try them out.

Oct 21st

Course 7 & 8 Graduation see Page 8 for details

Oct 31st
to Nov 2nd

Spin Around Waitaki

At Oamaru Racecourse. Demonstrator is Niki Marshall from Nelson. For more information contact Ken Newton Phone: 034387741 or email: knpnewton@xtra.co.nz

Nov 6th

Club Night

A look at Yoyo's with Joe Hayes

Nov 20th

Hands On at Cobham

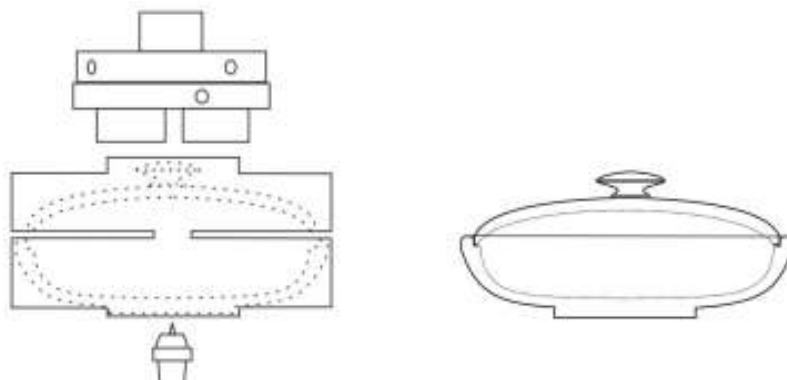
"Sketchup" as a computer design tool for woodturners. Sketchup is a computer drawing program originally introduced by Google but now distributed by Trimble. It has a free and a professional version. We will be using the free version. It has some easy to use tools that allow us to take a two-dimensional profile and turn it into a three-dimensional model. We will have a look at making 3D models of a bowl and a candlestick holder as examples of how it can be used by woodturners.

CLAM SHELL SCREW LIDDED BOX by DICK VEITCH

Demonstration on August Club Night

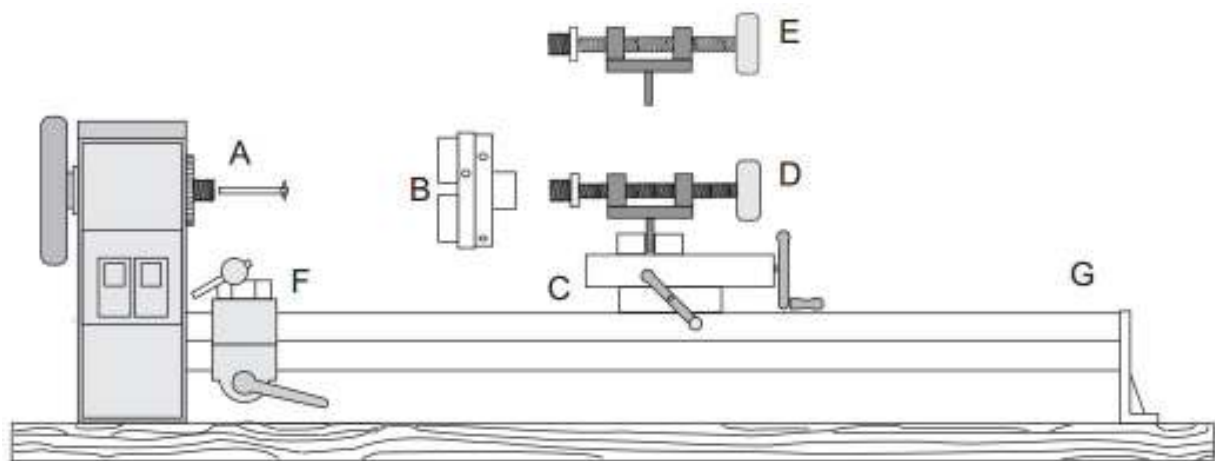
Dick showed us two hand chasers for cutting threads , but have application limitations. He started with two blanks (black ngare) about 75mm square, one about 20mm thick and one about 30mm thick. These were held against the chuck by a step centre and a 46mm spigot was turned for holding purposes in the chuck. The chosen thread to be cut was 12 Threads per inch (T.P.I.) with 60 degree thread angle. Dick explained roughly how to work out the inside and outside measurements for the male and female threads. The thin blank was held in the chuck in the 46mm spigot and recessed out to 62.8mm diameter and 9mm deep, this would be the female thread. The thick blank was then held in the chuck in the 46mm spigot(or chuck bites) and a step was cut to 65mm dia. and 8 mm wide for the male thread on the base. The chuck was removed and a thread cutter was set up in a special Teknatool holder in the headstock. A cross slide/ vice combo was set up on the lathe bed. A special 12 T.P.I. bar was held in the chuck, this bar had a handle at one end and a thread to hold the chuck at the other end , enabling the chuck with the job to be mounted so that the thread could be cut. The job was moved into position using the cross slide set up and the thread was cut by slowly revolving the chuck across the cutter(about 3000 R.P.M.) The thick blank was then set up in the chuck and the positioned using the cross slide and the mating thread was then cut. After tidying up the threads with a dremal tool, clearance grooves were cut, with thin blades , at the ends of the treads to enable the lid to screw down flush onto the base. The two pieces were screwed together and shaped , with a small foot put onto the base for holding purposes. This foot was then used to hold the box for the finishing shaping of the pieces. An interesting demo and well done by Dick.

by Rick Bolch



THREADING JIG (Information taken from The South Auckland Woodturners Guild Web Site)

The threading jig uses the lathe to spin a cutter while the operator rotates the shaft of the jig and thus passes the wood being threaded against the spinning cutter.



A The cutter may be any of a variety of shapes and sizes with one, two, or four cutting points. It should be rotated at 3000rpm or faster. Ideally it will cut a 60° groove in the wood. If this cutter is to be held in a jacobs chuck then that chuck should be secured into the headstock with a tieback.

B The work to be threaded remains in the chuck that it was turned on and this chuck is attached to the threaded shaft (D or E) of the Threading Jig.

D Rotation of the threaded shaft in the jig moves the wood being threaded against the spinning cutter. The threaded shaft causes this movement to be both rotational and along the direction of the lathe bed. The thread pitch of this shaft causes the thread pitch being cut in the wood to be the same as that of the shaft.

C The cross slide allows for movement of the entire wood-holding area in relation to the cutter. It is particularly useful when the cut depth needs to be adjusted by small across-the-bed amounts.

E If a different thread pitch is needed then a different threaded shaft needs to be made.

F The toolrest is not needed and the banjo is well out of the way.

G The tailstock is not needed and may be removed from the lathe.



June Table

" Making wheels is easy ,right " by Peter Clemett Demonstration on September Club Night

Peter told us how he was making a pair of wooden racing cars and how he tackled the project of making eight identical wheels. Using D.F.X. (Design For X) as a guide line, he described the thought processes about the approach and design.

These must take into account Purpose, Manufacture, Assembly, Testing, Maintenance, and disposal, describing how each step should be taken into account at the start of the design process. Such things as the end use requirements for strength , durability and materials. Form, colour and embellishments are important for the finished appearance.

The actual manufacturing should take into consideration the repeatability, efficiency, accuracy, speed, attachment and future repairs, all of which could effect the final cost.

The actual making of wheels , or any mass produced items, depends on the tools and machines you have available. Making yourself some jigs and fixtures can increase the accuracy and repeatability, as well as setting up your machinery to work in batches instead of the one at a time approach, For instance, a wood turner may turn a cylinder of wood and part off each wheel, where as a cabinet maker may use a hole saw to cut out wheels in a sheet of ply wood. He then demonstrated on the lathe using four wooden blanks which had a quarter inch hole drilled into them already. These blanks were set up on a pen mandrel and the outside diameter was cut. The diameter being determined by what could be held comfortably in the chuck jaws. Then each blank was put individually on the mandrel and the corners were rounded over. The chuck was installed and a blank placed in and the face was cut leaving a step to act as a washer. The other side was faced off and a recess cut out for a screw head.

We than looked at some larger wheels , some with spokes, and discussed various manufacturing options. by Rick Bolch



October / November 2014



September table

Woodturning Graduation

Course 7 & 8

The Last Graduation of the Aoraki "Certificate in Woodturning"

Time: 6.30pm

Date: Tuesday 21st October 2014

Venue: Cashmere Club
Colombo Street Christchurch
\$30 a head

Three-course Dinner followed by Certificate Presentation

All Club members and partners are invited to attend, especially past graduates.

RSVP Advising Numbers attending
by Tuesday 14th October
to Celia or Bruce Irvine on 358 8482
Email bruce.Irvine@xtra.co.nz

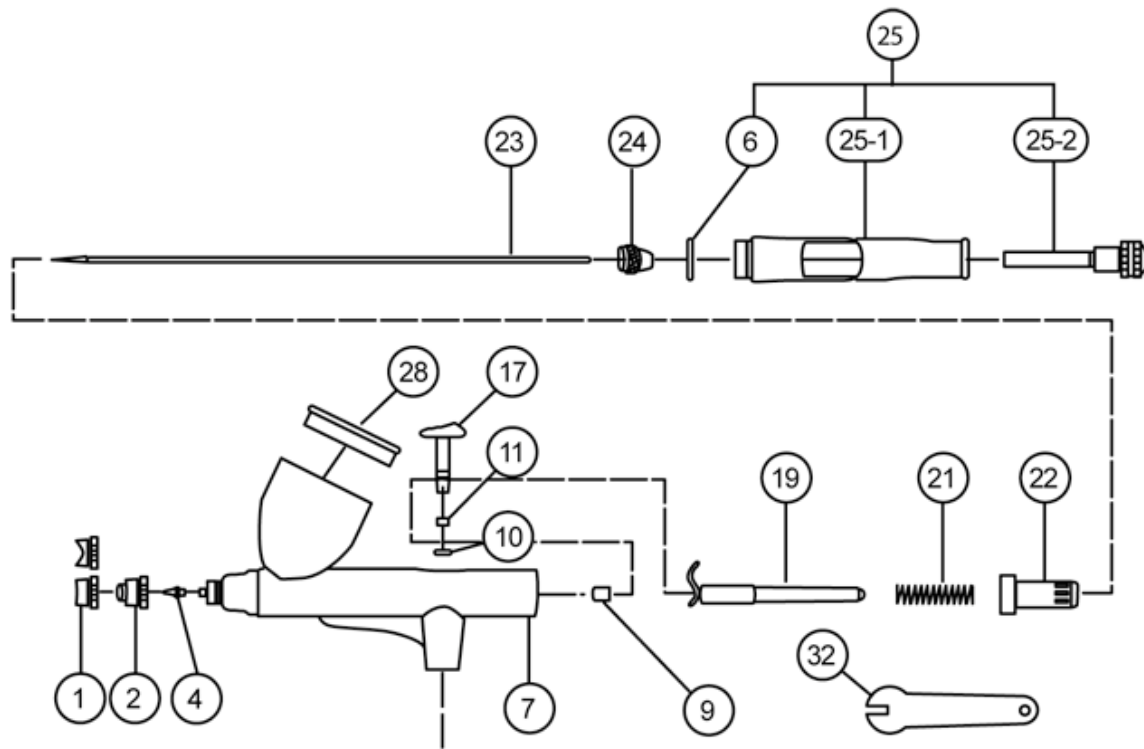


A group called "Creative / Rekindle" with a web site at www.wholehouseuse.co.nz has asked the Wood turners Club if our members would be prepared to turn items from re-cycled timber from demolished buildings as a result of the earthquakes. These items are to be used for a display by "Creative / Rekindle" in the Christchurch Museum.

If there are members willing to support this cause and gain publicity for our Club please contact the Secretary Ray Morgan.

Hands On at Cobham

At the August “Hands On” at Cobham we had a look at painting effects using an Airbrush. Peter Clemett demonstrated some techniques and took an airbrush apart to show us the internal workings. He also talked about the importance of cleaning the airbrush after use. We had a couple of operational airbrushes available for members to have an experiment with.



At the September evening we had a chance to use a number of different carving tools. These included:

- Hand Carving Chisels
- Mallet Chisels
- Carving Knives
- Dremel carving bits
- Archer Reciprocating Carver
- Arbortech Carver



President's Piece – Oct/Nov 2014

From time to time I find myself seeking distraction from a particularly tense activity, or perhaps just looking for something to fill in a bit of down time. Whilst my preferred “escape” is to pick up a book to read, I also find distraction in looking for something new to learn and perhaps file away for future application in my woodturning. These days, the internet is an obvious and immediately accessible source of the latter.

Recently I spent a few enjoyable hours sampling the seemingly endless pool of woodturning hints, tips, opinions, and practical demonstrations that abound on the world-wide web - on this occasion on YouTube. Amongst the variety of clips I sampled, I came across a fascinating and amusing clip of Cindy Drozda turning a natural edged bowl from a most unusual material – a type of cauliflower called Romanesco broccoli. What held my attention, aside from the quirky nature of the material and technical challenge that it presented, was the candid nature of the clip. Cindy is clearly an accomplished and well recognised turner – yet here she was just having fun at the lathe, responding to the challenge of trying something new with no guarantee of success, and sharing the experience openly with the world through this posting and her running commentary.

Reflecting on what I had seen in this and the other “instructional” clips, it occurred to me that they all shared something in common. The contributors in each case were giving freely of their time and knowledge – demonstrating their projects and techniques, and passing on ideas without prospect of reward or even immediate feedback. Whatever their motivation for doing so, we are all able to experience the result.

I have long held with the old adage that one of the best ways to learn a skill, and then take it to the next level is to follow the principle of “see one, do one, teach one”. I have often found when faced with having to show and explain something to others that my research and preparation leads me to a deeper insight into the subject. I’m guessing therefore that those who’ve taken the time and trouble to prepare and post their tutorials on YouTube will have gained in a similar manner from the experience.

All of which leads me to encourage everyone, in some manner, to share their knowledge, experience, and/or practical skills with others in our Club. That way, we’ll all benefit. It would be great if you were willing to provide or share a demonstration slot at one of our Club nights, but if you don’t feel able to do that then there are plenty of other ways. There’s Show and Tell, or perhaps a short article or even just a photo of a recent project for the newsletter. Hands-On night is also a great, very informal place for sharing ideas. You could even open up your workshop to help out someone with a problem. I urge you to consider what you can share and to take the opportunity to do so.

Happy turning everyone.

Peter

For Sale ~ Nova TL 1500 Swivel Head Wood Lathe



Long Bed, Accessories,
Chuck, jaw sets and gouges
Includes solid bench.
Price \$1000.00 ono



Plus a Woodcut Bowl Saver
[used once] \$200.00
All in excellent condition.



Contact Ray Morgan
366 9795



or the seller
Henry and June MacIntosh
338 9958

Jim Dunford Trophy

The competition for the trophy this year will be a Toy and upon completion of the judging they are to be given to a worthy charity for donation to suitable recipients.

Show table for December is to be the member's best piece for the year

Jef Desbecker (from Queenstown) has a dozen oak logs for sale that have been drying in a shed for over 10 years. These would make some nice furniture or cabinetry. They are from 400 - 800mm in diameter and 1.8 - 3.0m in length.

If you are interested or know someone who might be, please contact him at any of the contacts below. He has a forklift that could load them on a truck.

Jef Desbecker
Skyview Magic Ltd
44 Jeffery Road
Crown Terrace
RD 1, Queenstown

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Mobile +64 (0)274 337 232
jefdesbecker@gmail.com
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2014/15 Committee Contact Details

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Vice President: Rick Bolch: 28 Waiau St, Hoon Hay; 980 5156.

Treasurer: Bill Parsons, 76 Fendalton Rd, Fendalton; 351 5647.

Secretary: Ray Morgan: 154b Brookside Rd, Rolleston; 366 9795.

Newsletter: Joe Hayes, 130 Petrie St, Richmond; 385 3910.

Web Master: Ray Hall, 10 Halsey Street, South New Brighton.

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Rex Marshall: 396 Greers Rd, Bishopdale; 352 9297.

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Lee Whiteley, 34 Cicada Place, Hei Hei, 342 7525.

Mike Wing: 7 Donovan Pl, Halswell; 741 1475.