



TAURANGA WOODCRAFTER'S CLUB

Issue 228

March 2011

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Club Meeting: 3rd Saturday afternoon of each month 1.00pm at our Clubrooms.

Clubrooms: 16 Yatton Street Greerton Tauranga.

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Club Website: www.taurangawoodcraftersclub.org

Next Meeting: April 16th, 2011

Group on duty Group Two.

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Next Month's talk-Demonstration:

FROM OUR PRESIDENT

There was no report from our President this month, as Doug was away for this meeting.

MEETING REPORT

Peter Seaton our Vice President presided over the meetings today. At our committee meeting, we discussed the premises we are now in, as the council still want us out by the year 2014, which does not give us a lot of time to find new premises for our Clubrooms. Mike and Tas are going to look into a possibility over at the Mount. Peter filled the Committee in about ideas that the Show Committee had discussed, for this years Show.

Tas our Secretary, will not be standing again, but all the other present committee members have filled in forms to say they are prepared to continue on the committee next year. We will need someone to fill this position.

There were 33 members present at our full meeting, with one visitor. Mike McCarthy was back after his operation, but Doug Duke has been in hospital a couple of times since the last meeting.

After welcoming everyone, Peter told the members, about what the Show Committee had been discussing about future Shows, to get their views.

This was divided up into four categories;

1. Which Hall to hold the Show?
2. What sort of layout to have?



The Tauranga Woodcrafter's Club
Is a member of the
National Association of Woodworkers

3. What sort of sponsors to have, to attract the public?
4. Whether to have a Show each year or bi-yearly?

After deciding that they wanted a Show again this year, and after some more discussion about where to have the Show, it was decided to change the venue to the Blake Park Hall. This Hall is a similar size to the Greerton Hall, but has more car parking, and is on Maunganui Road, with a lot of traffic going past, so we could have signs outside there, on the three days the Show was on. This Hall was a bit more expensive than the Greerton Hall, and was further away from the Clubrooms also, but was a nicer looking Hall.

The Show Committee had suggested a new layout of instead of having individual stalls, having three long tables across the Hall. This was voted out, after some members said that they had seen similar ideas at other Shows, and the stall holders not been able to have the same contact with the public. This seemed to be a very strong point with the members who had goods for display and sale.

It was decided that there should be a D.I.Y Sponsor, like Dewalt, who would be demonstrating their tools to the public as well as to the members, as an extra draw-card. There would still be trade stalls as well.

The final thing was whether to have a Show each year, or every other year, or combine with other Clubs etc. The answer to this will probably depend largely on how this years Show goes.

The Show Committee are expecting **all members** to get in behind it and help where possible. Unfortunately there are some members who don't help or even come along to the Show.

Please remember; Our next Club meeting will be the AGM, so be there to have your say in what is decided for the running of the Club. We will be requiring someone to take the position of Secretary.

There will also be the matter of our subscriptions, whether they need to increase or whether there should be a bigger difference between the e-mailed, and posted Newsletter Subs, as postage has gone up.

These are things that will be discussed at the AGM so if you want to have your input, you must be there. It will be no use complaining afterwards if you were not there.

There were quite a lot of great work on display again today and Derek did the critique.

The raffle was won by Tas Davis.



Milan Bacica was today's speaker, and he talked about pen making, making salt and pepper shakers etc. he said the accessories for making them

now, is so expensive plus, with all the cheap imports around, they are not worth making to sell, but if you want to make a pen for your own personal use, it is a good exercise. The photo above shows some of the pens and accessories for making these articles.

Thanks Milan for your informative talk, and all the do's and don'ts.

Selby West



From the Editor

Hi everyone,

The poor printing quality of the last two or three Newsletters, was caused by defective toner cartridge refill. I have replaced the toner cartridge with another refill and that seems to have rectified the problem. This could be a problem with refills if you happen to get someone else's faulty cartridge!!! I hope the photos in this Newsletter will be clearer, as they were the main thing that wasn't coming out clear.

Don't forget to come to our next meeting, to put your input into the AGM.

Selby West

Selby@actrix.gen.nz

WHATS ON

Scrollsaw Workshop

Tauranga Woodcrafters Club

Saturday 26 March 2011 9.00am to 4.00pm

Event Details:

The presenters are Jacob von Holzen and Barry Kenworthy

Clubrooms 16 Yatton Street, Tauranga

Please bring your own Scrollsaw if possible
Morning tea, Lunch and Afternoon tea provided

Cost \$20 per person

Please advise level of competency when registering and preference between scrollwork and intarsia.

Closing date for registrations Saturday 5 March 2011

Registrations to Lauren Tubby
470 Papamoa Beach Road, Papamoa 3118
Phone 07 5720104 Email ltubby@xtra.co.nz

Royal Easter Show; Thursday 21th-25th April 2011 Auckland Showground's.

Woodcraft; Entries close Friday, 18th March 2011.

Senior Steward Dick Veitch
(09-298-5775

dveitch@kiwilink.co.nz.

Entry fee A&P Members \$10 per entry
Non Members \$15 per entry

Prize money First Prize \$400
Second Prize \$200
Third Prize \$100

Special Awards;

Supreme Exhibit in Show

\$500 to be judged from all category winners

Best Overall Woodcrafter

\$500 for most points accumulated from all classes

Best item by a first time entrant

1st \$200. 2nd \$100. Sponsored by South Auckland Woodturners, for the best entry by a person who has not won another prize in this competition.

Youth Award

\$50 for the best entry by a full-time primary, intermediate, or secondary school student.

The Woodcraft Section has been kindly been sponsored by;

Joiners Magazine , Munro Tools, Rosenfeld Kidson, South Auckland Woodturners, Woodcut Tools.

Treeworkx Open Day; Saturday 30th April.

9am-3pm. 469 Paratu Road Walton, Matamata. The first road west of the Walton Golf Course on the Morrison/Matamata road.

Entry-\$25 per person-morning tea, lunch and demonstrations included. Meet Graham & Lesley on their home turf and view their wood selections. Enjoy the unique forested setting while reminiscing with fellow woodies. Select your trade products from Ron and Fishy. Catch up on new techniques. Genuine sale prices on the day. Bookings not required.

Graham 07 888 3800 goliver@no8wireless.co.nz

Ron 07 888 4395

Taranaki Woodcraft Festival; 4th & 5th June

Waitara War Memorial Hall.

Competition Categories include; Carving/Sculpture, Woodturning, Furniture, Marquetry, Intarsia, Toys/models, Pinus or Macrocarpa, College age and Novice. Good prize money, Trade stalls and Demonstrations.

Organised by the Waitara Rotary Club.

For further information contact

Gordon Oliver, (06)757 0700

E-mail gordon@clear.net.nz

NAW Annual General Meeting; Saturday 9th July 2011 to be held at 1pm at Franklin Woodturners Club, Clubrooms , BMX Reserve. Collingwood Road Waiuku. Free live demonstrations will be held throughout the day commencing at 9.30am. Lunches will be available for those attending the full day.



Group Reports

Group one; Woodcarvers

Seven members attended. The current head project is slowing, with just two heads nearing completion and two others somewhere "in the woods". Keep moving people, because we are already planning the next project.

Harry came to our Group to gain now-how to apply decorative carving to turned bowls and vases. So we plan to help him by getting a group project underway. Start hunting for a bowl (turned or carved) preferably of carving friendly wood, and with a stub base that can be re-mounted on a chuck or face plate and bring it along to the next meeting on 11th April

See you then!

Ken Hawkeswood Ph. 5780074

could be on the other side of the truck, or trailer, putting the chains away, the forklift driver is on the other side and lifts the package and something falls off onto the truck driver. The Mill produces wooden pallets etc. and timbers for export in containers. On completion of our one and three quarter hour tour, we had our afternoon tea at the site, and a chat with Mark watchman and he is certainly a very likeable and knowledgeable fellow.

Group two on Duty this March Club Meeting, on 19th and many thanks to Milan Bacica for offering to show the Club the ins and outs of pen making and other techniques of oval turned, inside outside etc.,

N.B. Group Two, as planned, are meeting at my place; 60 Milton Road, Otumoetai on Tuesday 11th April, 2011, where I am used to my own machines and equipment. Ron Buckle requested showing texturing and there will be other bits as requested come forward.

Seth Douglas Ph. 576 5815

Group Two; Woodturners

Ian Clark, Merv Griffin, Ralph Harding, Roy Tregilgas and I met at "Arbour Reman", at Mount Maunganui, on Tuesday 8th March, 2011. "Reman" is short for Remanufacturing.

Many thanks to Ian Clark for arranging the meeting. We are most grateful, because it isn't easy to find places that can accommodate us, because of the safety factors etc.

A big thank you to Mark Watchman, who escorted us around the Mill and explained everything in detail. There doesn't appear to be anything that Mark doesn't know about the Mill workings, be it with machinery or timber. He is a very knowledgeable fellow and even knows the Latin names. The last time we visited the Mill, (thanks again to Ian Clark for arranging that meeting), we also had Mark Watchman to show us through the huge Mill and explained the Safety features to observe, with huge forklift trucks zooming around. There have been a number of changes since we were there last, and that is to do with incoming vehicles and where they are to park, prior to the forklifts loading or unloading the huge trucks. The area to park is marked out and there is a gap between the first truck and trailer and the second vehicle, to stop the vehicle getting too close behind. Also the forklift driver must be able to see the truck driver at all times whilst loading and unloading, for obvious reasons. The truck driver

Group Three; Woodturners

Group Three met at the Clubrooms on Saturday 5th March 2011, with 12 of us. The February meeting, we had Jim Reilly, who demonstrated the Teknatool Nova MULTI LIVE CENTRE System from Latalex International. Jim pointed out the many Morse two taper points and circle tips that come with the package, and can be inserted and changed around to suit your requirements. I have had mine for 14 years and I have used it constantly without any failures. You will have seen me demonstrating the long hole boring. Well, that is done with the Multi Live Centre with a Morse Two Taper adaptor that I made to fit into it, also other bits. The Multi Live Centre is certainly a great System. Like everything, it is expensive, but well worth the money if you are able to afford paying the price. No doubt you can do just as well without these things, but they are handy, even with small workings.

We discussed the Annual Show at our March meeting in preparation for the Club's Monthly meeting on the 19th March 2011. Hopefully we will see the outcome on the 19th.

Hope to see you all at the Clubrooms on Sat-

urday, 2nd April 2011 with things you have made lately to "Show and Tell" .Jim has requested we make an effort to bring along work that we have made and also any problems you are having, so we can hopefully resolve them for you . "The do's and don'ts, help everyone.

Seth Douglas for Jim Reilly 577 9574

Project for April; bring an item from the Woodturning magazine-2010/2009 that you have made-no excuses.

Group Four; Woodturners



We had eleven members present with two visitors-Sid Duncan and Graham Kehely. The Group had Jim Reilly come to the Clubrooms to give a demonstration on making finials. **Finial**- the finial is an Architecture Device, typically carved in stone and employed



decoratively to emphasize the apex of a gable or any of various distinctive ornaments at the top, end, or corner of a building or



structure. Smaller finials can be used as a decorative ornament on the ends of curtain rods or applied to chairs and furniture and on lids of turned boxes



etc. finials are frequently seen on top of bedposts or clocks. Architectural finials were once believed to act as a deterrent to witches on broomsticks attempting to land on ones roof.



(Wikipedia)

Before Jim started his demonstration, Group 4 held 2minutes silence for the Christchurch earthquake victims.

Jim recommended to use hard woods for making finials for a much better finish and using a turning speed of 1200/1500 RPM. The first finial turned was in the shape of a Russian Church Spire. Jim's second finial was in the shape of a tulip, and was turned from Pohutukawa. The third was in the shape of a thistle head, using Rimu. Jim also had a box of finials, all different shapes and sizes. Many different woods and materials were used, including Imitation Ivory.

For our "Show and Tell" Paul Grainger-Allen had a small lidded box with a finial - wood unknown. Lou Tubby a lidded box turned from Kiwi Fruit with a finial made from Tawa. Also Lou brought a bottle made from Totara. Tom Coomber had a table lamp in the shape of a bottle. Group 4 would like to take this opportunity to thank Jim Reilly for his time and clear instruction on turning of finials.

Next meeting will be on the Tuesday 5th April at 1pm. We will be visiting the home of Terry Doherty 16a Kotuku Place Matua. Terry makes and repairs Stringed Wooden Instruments.

Mike Harold Ph. 575 0767

Group Five; Scrollsaw and Intarsia;

Nine of us met at the Clubrooms on 2nd March. Selby was away on holiday and Doug Duke in hospital. We hope you are feeling better now Doug. Rob Smith brought along a wall clock that he had been working on, made out of recycled timber. He still had some more work to do on the case. Jacob, Barry, and Russell Smith all had intarsia pieces on display, Roy Tregilgas had two pieces of scrollwork and I had my second attempt at marquetry. The Scrollsaw Workshop which is to be held on Saturday March 26th was discussed. A number of registrations have been received from the Auckland Clubs this time.

Our next group meeting will be held on Wednesday April 6th, commencing at 9.30am.



Barry's
Hawks



Laureen's 2nd attempt at marquetry



Russell Smith's
Golfer



Russell Smith's
Engle and mouse



Jacob's Intarsia

Laureen Tubby Phone 572 0104.

BEGINNERS GROUP;

No report

Doug St.George. 573 8399

Toy making Group;

Another great workshop, but a few apologies saw only half the group turn up. This did not deter those that did turn up, as we got all the truck parts finished. Tas, Mike and myself took different parts home to dress them up, before they are assembled at the April meeting, which will bring that project to an end. We are now looking for a new project this time for the girls, so if anyone has plans or ideas please bring give me a ring. Next meeting is Saturday April 9th at 9.30am

Roy Tregilgas Ph. 574 9822

THE LIBRARY;

Peter Steward has kindly donated 6 fine books to our Library, a gesture which will sincerely be appreciated by these who use them. Thank you Peter.

They are;

- Making Unusual Miniatures by Graham Spalding
- Making Period Doll's House Furniture
Derek and Sheila Rowbottom
- Making Georgian Doll's Houses Derek Rowbottom
- Letter Carving in Wood- a practical course-
Chris Pye
- Carving Spoons-Welsh Love Spoons, Celtic Knots,
and Contempory favourites
Shirley Adler

Celtic Carved Love spoons- 30 patterns
Sharon Littlely and Clive Griffin

They will be on the shelves shortly

I noted that the video of 'Colouring Wood' by Jan Sanders has been missing from our shelves for several months. The time limit, unless arranged is one month.

Jim Reilly

Woodturners Fear Factor

How to Avoid a Catch By Lyle Jamieson

If you've been around the AAW for a decade or more, you may recall "Five Ways to Avoid a Catch," a well-read journal article Lyle Jamieson wrote in 1996. Lyle has revisited this topic with fresh drawings and thoughts to take you beyond the suffocating fear of catches.

It seems simple, but there are complicated forces taking place while you shape a revolving piece of wood with your turning tools. I want to simplify the process and put a language to catches. If you understand what causes a catch, you can eliminate the cause. There are just four cuts in all of woodturning; 1) push cut, 2) pull cut, 3) scrape and 4) sheer scrape. Let's break down these cuts into two groups:

- The push and pull cut require bevel support to prevent catches.
- The scrape and sheer scrape require that you don't violate the 90-degree rule. More about that later.

Start with sharp tools; A primary aid to preventing catches is to turn with sharp tools. A sharp tool can sheer off those end-grain fibres cleanly and smoothly. However, a dull tool will push, grab, and tear out end-grain fibres. You can have all the right techniques and still have trouble with catches if your tools are not sharpened properly and often. I am into easy and I don't like to sand. When using gouges and doing the push and pull cuts, most catches come from allowing the gouge to cut while not being supported by the bevel. Without bevel support, the cut will dig in violently in a split second. Big chunks of wood are ripped away. The bevel prevents the gouge from cutting too aggressively—it is a controlling factor.

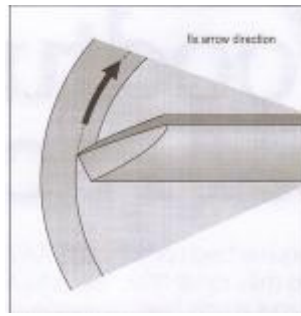
Inside the bowl;

Let's first focus on the inside of a bowl, since that is where catches are most apt to occur because the inside of a bowl is where we are prone to loose bevel support. The direction the gouge wants to cut is along a line from the heel



Bowl gouge inside the bowl

SAFE Note the arrow indicating the direction the tool wants to go. Swing the handle slowly toward your body to direct the bevel to travel the path indicated by the dashed line.



RISKY Note the arrow indicating the direction the tool wants to go. Swing the handle slowly toward your body to direct the bevel to travel the path indicated by the dashed line.

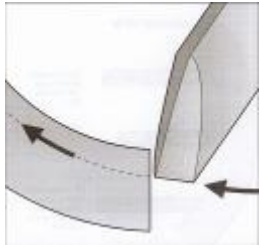
of the bevel to the sharp point of the edge, as shown in **Drawing 1a**. The first approach is to relax and let the tool go where it wants to go. Relax the tool rest hand and direct the cut by moving the handle hand. You can get pretty good at white knuckling your way through a cut, but the surface left behind needs lots of sanding, as shown in **Drawing 1b**. It is not much fun when a catch ruins the shape you intended. Relax and follow the direction the tool wants to go by steering it with the handle hand. **Find the sweet spot** You will hit the sweet spot for a clean cut with the flute pointing the direction you want to travel with your cut. The twist of the tool will have the flute pointing at a 45-degree angle. Whenever possible, maintain this sheering cut to cleanly slice through each grain fibre as it spins past your tool. Your gouge cuts the shaving at the tip of the cutting edge, as shown in **Photo 2**. This may help: Think of the motion of an ice cream scoop scooping out the inside of the bowl. You have one hand on the handle of the ice cream scoop and you follow the shape of the rounded scoop for your ice cream cone. Now with the bowl gouge, you follow the little tiny tip of the tool, or the bevel. Swing the tool handle to follow the contour of the vessel with the bevel. "Ride the bevel" is the usual term to describe this, but it is a terrible term. You don't ride the bevel, you need to follow it gently. Riding the bevel too hard will result in a number of problems: burnishing the surface left behind, creating vibrations, and bouncing the bevel into any voids in the vessel. For me, "bevel-supported cut" is better



Note the arrow indicates the direction the wood is traveling past the tool. The 45-degree angled line shows the angle that will produce a clean slicing cut. To get this angle, twist the tool on its axis with your handle hand. The shaving comes off the right-hand side at the tip of the tool.

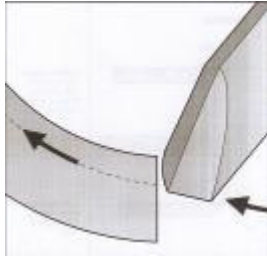
Bevel-supported cut One of the hardest things to accomplish is to start in a bevel supported cut. The tool wants to skate in a spiralling manner across the face of the wood when you touch the wood at a 45-degree angle.

Starting a cut—there's an easier way



SAFE

This shows Lyle Jamieson's modification to the David Ellsworth-style bowl gouge. Note the side view give you a profile of the grind—almost a straight line from the tip to the wing corner



RISKY

A gouge with a hump at the tip cuts into the wood long before the bevel has a chance to give support. This can cause a catch or even blow up a thin-walled bowl or vessel.



The side profile of Lyle Jamieson's favourite grind has nearly a straight line from the tip to the wing corner.

The bowl-gouge grind can make it easier to enter a cut. I refine the Ellsworth grind slightly to make the entry into a cut easier for me. David's grind has a slight hump near the tip that attempts to grab the wood first before the bevel support

has been established. (See drawings on this page.)

What works for me is the sharpened edge is almost straight from the top to the back corner of the wing—there is no hump when viewed from the side.

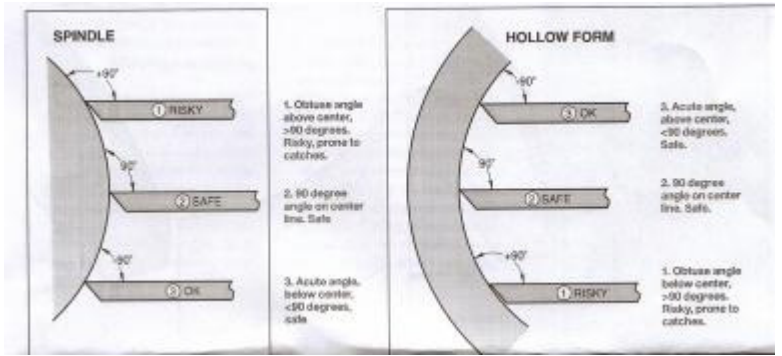
Hollowing systems;

When setting up your supported hollowing system for boring out the interior of a hollow vessel, make sure the scraper cutting tip is parallel to the floor and on the centre line of the vessel and you will never get a catch. This set up will be cutting right at 90 degrees. (You can error slightly with the tool-rest position on the high side but never have the cutter below centre in a hollow form.)

If you choose to twist the cutter for a sheer cut, keep this in mind: When you angle one side of the cutter down to sheer scrape, the opposite side of the cutter is pointing up into the wood and will get grabble and produce a catch.

Scraper strategy;

A scraper requires an entirely different process. Whenever a cutting edge touches the wood without the bevel support, a catch can occur. (The exception is the edge touching the wood at less than a 90-degree angle, as shown in **Drawing 4a**.) With a scraper positioned flat on the tool rest and parallel to the floor, the tool-rest height is critical. If the tool rest is high on the outside shape, (like a spindle) it gets risky. If the tool rest



is too low on the inside shape, like a hollow form, it gets risky, as shown in **Drawing 4b**.

This is why the popularity of negative rake scrapers came into vogue. The negative rake gives you extra insurance to not violate the 90-degree rule. With hand-held scrapers, you can change the angle at which the tool touches the wood by raising or lowering the handle.

Move beyond fear

As I teach at chapters around the country, I meet many self-taught students. They settle for techniques that are difficult and demand considerable sanding. Some techniques are downright dangerous.

The fear generated from catches is suffocating. If you walk up to the lathe with the fear of getting catches, you don't know what fun you are missing. Do you fear taking one more cut?

The fun and enjoyment starts by being in control. Taking "catch" out of your vocabulary will make turning a lot easier and more fun.

You can watch others turn or read all the articles available and still have catch fear. I suggest getting some hands-on help. Take your turning fun to the next level. It is not necessary to pay loads of money to get some hands-on help. All AAW chapters have good turners to mentor you—usually just for the asking. Recently, I had a chance to speak with Michael Hosaluk and he made a statement that summed it up. He asked "What is the difference between a beginner and an advanced turner?" And Michael answered his own question with, "It is what you do with the basics."

I truly believe this approach. Get the foundations right and it opens up possibilities of excellence rather than creating obstacles and settling for mediocrity. Now, let's get over your fear of catches. The fun and creativity locked up inside you will take you places you never imagined.

Lyle Jamieson (lylejamieson.com) is a full time woodturning sculptor and instructor who lives in Traverse City, Michigan. He is president of the North-western Michigan AAW chapter.

SCROLLSAWS

By Jacob von Holzen

HISTORY OF FRETWORK;

Fretwork is the craft of creating very ornate and decorative items with numerous inside or cut-out openings, that involve series of quick turns using a fine bladed fret-saw. It is a form of craftwork that was very popular in the late 19th and early 20th centuries, and is now being rediscovered.

Fretwork is primarily cut from solid Woodstock and plywood's of various thicknesses with a hand held fretsaw or treadle saw and more recently with powered scrollsaws.

It is very difficult to determine exactly where and when in history fretwork had its first beginnings. Egyptian furniture removed from tombs provide proof that veneers were used as ornamental fret-like overlays some 3000 years B.C. Delicately Ornamental overlays were also found in European and Scandinavian countries in the 16th and 17th centuries. Elaborate fretted furniture parts were clearly evident in works of famous 18th century European craftsmen including Frenchman Andre Charles Boulle (1642-1732) Englishman Thomas Chippendale (1740-1780 and others.

Early this century Fretwork became a popular pass-time in the homes of hundreds of thousands of adults and children indulging in the creative and absorbing activity, creating useful and decorative items for the home and play. A large number of New Zealand boys who attended school between the 1920's and the late 1940's will have had some experience with a hand held fretsaw. More recently with the introduction of the powered scrollsaws, the craft is experiencing a revival, as more people discover the possibilities of the Scroll saw.

Jacob von Holzen.

SUPPLIERS

HOBBIES LTD. Units 8-11 The Raveningham Centre, Beccles Road, Raveningham, Norwich, Norfolk, NR14 6NU. England. Phone; 01508 549330. Fax; 01508 549331

E-mail; enquiries@alwaysshobbies.com Web; www.alwaysshobbies.com

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WILDWOOD DESIGNS 2104 Beloit Ave., Janesville, W1 53546 U.S.A. Phone i-800-470-9090 Fax; 608-314-3097 Web; www.wildwooddesigns.com



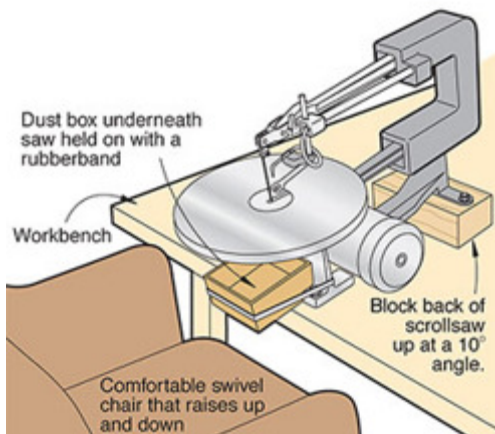
BOOKS; with Scrollsaw designs for beginners by Patrick Spielman., should be available from your library.

The Tauranga Woodcrafter's Club has a number of designs, which members can get photocopied for their own use.

Jacob

SCROLLSAW TIPS

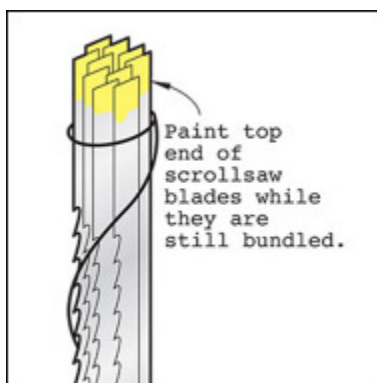
Cut fatigue with a swivel chair and tilted scrollsaw



Many people love to scrollsaw for hours at a time, but hunching over a saw for that long can give you a stiff neck and shoulders. Set up your scrollsaw work station for comfort. First, get a swivel chair and raise it higher than you normally sit. Then, tip the back of your scrollsaw up with a block of wood so the saw sits at about a 10° angle. (Be sure to bolt the saw to the block and the block to your table or bench.) In this position, you won't need to lean over the saw to work, and your muscles and joints will thank you for it. You also can attach a dust-collection box below the table to make clean-up easier.

-- Allen Salfer, Atlantic Beach, Fla.

Code blades for easy insertion



The older I get, the harder it is to see the teeth of my scrollsaw blades to make sure they go into the saw right-side up. So when I buy a new bundle of blades, I figure out which end is up, and dip that end of the blades into a bottle of brightly colored model paint. The blade always goes into the scrollsaw with the painted end up. For quick identification, I dip blades of different types or tooth-counts into different colors.

-- Henry Worrells, North Fort Myers, Fla.

Make your our lathe tools

Chrome and black shafting available (ex gas struts)

Sizes; Mostly 10 and 12mm with a small amount of 14mm diameter

Lengths; 10mm, 18 to 34cm. 12mm, 26 to 32cm. 14mm, 20 to 34cm

I will have to charge the following due to work and metal cutting blades worn out in preparing one end of shafting. Other end original fitting, may be useful so left on.

10mm \$1.00 each. 12mm \$2.00 each. 14mm \$2.50 each

10mm shaft ideal to make pointy tools, and small detailing tools. 12mm shaft makes a good shaft for holding Woodcut bits and also for holding concrete nails with a 3mm grub screw to make long lasting very small tools for small work. 14mm shaft a good heavy shaft for holding the larger Woodcut bits etc. Make your own handle and glue up with a little super glue and you have a very useful lathe tool.

Please contact Tas Davie Ph. 576 8066 with any questions and supply.

Machinery and **POWERTOOL** CENTRE

Mount Maunganui 130 Newton Street Mt. Maunganui
Ph. 07 574 9980fx 07 5749985 Email woodwork@xtra.co.nz

Machines for sale

De Walt Dw700 Dropsaw \$600.00

OAV Asmac 14" Bandsaw \$500.00

OAV Macma 18" Bandsaw \$1800.00

Drum Sander \$800.00

Mortise Machine \$400.00

Picture Framer Guillotine \$150.00

Tormek Sharpener and Jigs \$300.00

Drill Press \$400.00

2 Hp Dust extractor \$400.00

Table saw c/w Sliding table 3 Hp single phase \$1500.00

3Hp Dust extractor twin \$550.00

Jansen Edge bander \$2500.00

Dowell Borer \$250.00

Big Boy Belt sander 650.00

Makita Biscuit Jinter \$350.00

8" Buzzer single phase \$800.00

6" Buzzer Tanner \$450.00

Router table large \$400.00

Router table Dyco c/w 1/2 "Router Hitachi \$600.00

Much, Much, More

Regards

Vince Ross 021909419



Router tables



Bandsaws Large 19" and 14" models



Dust Extractors 2HP and 3HP



Under and over machines
300mm/260mm

THE TAURANGA SENIORNET CLUB

Where Seniors learn Computing from other Seniors

Where are we?

Our Learning Centre is at Unit 70, Historic Village, 17th Avenue, Tauranga. That's just uphill from the now-closed Wickham School. We have our own drive-in entrance. Turn right once through the gateway and then park.

Quality Woodworking Tools Ltd

3/11 Amohia Street, Kapiti Lights

Paraparaumu 5032 Phone 04 297 0976

Dave Hardy runs a small dedicated Woodworking Tool store in Paraparaumu, specialising in good quality hand and power tools, and has recently become the New Zealand importer of Ashley Iles

For Sale

Log seal (the new name for Mobil CER)

\$5.50 per litre

Robert Thomson Ph. 576 3960

For Sale

"New Zealand Greenstone"

cut-offs

These small pieces of cut-offs are ideal for resin in-lay work

1/2lb bags \$25.00

Grant

Ph. 07 544 9373



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Club/Guild Newsletters;

This Club/ Guild aims to assist members to improve their woodworking skills. Not all such activities occur in our Club premises, and some activities or events are promoted through this Newsletter and others directly to members in some other ways, but they are still Club/Guild activities, please support them. These activities may include personal and group tuition of members by other members (we all try to help one another for the benefit of the Club/Guild in this way) sessions in member's workshops, wood-gathering, events promoting our activities to members of the public, and other such