



Thames Valley Woodturner

A publication of the Thames Valley Woodturners Guild
A chapter of the AAW



Volume 12.2 March/April 2010

Turning events, Wood shows, and competitions in our region and farther afield

June 18 – 20 AAW's 24th Symposium at Hartford, Connecticut. For further info <http://www.woodturner.org/sym/sym2010/>

July 23 – 25, 2010

Saskatoon Twenty Ten, SIAST Kelsey Campus. Further info contact Mel Genge (306) 653-2297 or mgg@shaw.ca

AAW

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For a Guild info/policy sheet or mentors list, call or email Bob Hewson at 66.bobhewson@rogers.com or refer to our web site at:

<http://www.thamesvalleywoodturners.com/>

Additions to the library

New books:

DVDs:

If you see a good DVD or book title that you feel would be an advantage to the guild, please let John Calver know.

A reminder: Please return your DVDs or videos ASAP so other may rent them as well.

Interesting new or updated Internet sites

When checking out newsgroups/forums there are three main areas to browse, the messages, the photo albums and the files. Messages are the day to day messages and threads which can be searched from the home page or the search box at the top of most message screens. The photo albums are like our monthly "Show & Tell" where members can post picture of their work. Files are usually "how to" files on a topic, project or technique prepared by the groups participants.

Google, Yahoo and MSN host newsgroups that cover virtually any topic you can imagine.

If reading this issue on the web, click on the highlighted address and you will be taken directly to the site.

-Upcoming visiting turner Kurt Theobald's website <http://www.curttheobald.com/>

-Bonnie Klein's website <http://www.bonnieklein.com/>

-Need a new lathe or brush up on technique? Check this site out on You Tube http://www.youtube.com/watch?v=wnv0D...layer_embedded

Please use the internet and our site as a resource.

Our website has our recent newsletters, a list of Preferred Suppliers, the Mentor list, and our Guild policy page plus a number of interesting links. We will keep the web site as our most current communication device (if you do not have internet access please let me know and printed copy can be made available to you Ed).

Our web site is <http://www.thamesvalleywoodturners.com/>

New Members

A warm welcome to our newest members Steve Coupar, Roland Craig, John Lai, Randy Pollock, Keith Selves, Mike Weeks, Bob Goodyear, Ron Hill, Jim Hoover, Paul Newton, Al Tamman, and Dawne Zekal.

We welcome guests who often become our newest members. If you know a turner that might be interested in our guild, please bring them along.

If you see one of our new members as well as anyone wearing a 'Visitor' tag please say "Hi" and make them welcome.

Treasury and Dues

We have \$5070 with costs still due relative to the Al Stirt demo (awaiting notice of our share, estimate at \$1000). Dues and advances ticket sales for the Klein & Theobald seminars are also included in this amount.

Our new account has been opened by our new treasurer Bob Fenn and cheques for guild dues etc. can now be made out to **Thames Valley Woodturners Guild** and delivered to Bob Hewson at a regular meeting or mailed to him at 22 – 99 Edgevalley Rd., London, Ont., N5Y 5N1.

Members who have not paid their 2010 dues have been removed from the roster



Visiting turners

For the interest of members we are listing future seminars and visiting turners at neighboring Guilds as we learn of them:

These are the demonstrators that WGO, GHWG, TVWG and other area Guilds have either scheduled or are making arrangements for. The Guilds have generally said that members of other clubs are welcome to attend, space permitting. If you wish to attend make your wishes known as early as possible. Please let Gary Miller know for out-of-town sessions. He will verify that there is space and confirm the fees.

Carpooling may be arranged if there is sufficient interest, co-ordinate with Gary Miller. For sessions held in London see Bob Hewson to sign-up and or buy your ticket(s).

Guest turner	Date	Sponsor	Fee	Contact	Comments
Bonnie Klein	Saturday, May 8, 2010	TVWTG London	\$40	Gary Miller	\$20 est. Confirmed. Lunch is included
Cindy Drozda	Mar 26 2011	TVWTG London	\$40 est.	Gary Miller	Tentative – Boxes and finials
Jimmy Clewes	Oct 16, 2011	TVWTG London	\$40 est.	Gary Miller	Tentative - Everything
Andre Martell	Jan 2011	TVWTG London	\$40 est.	Gary Miller	Tentative – Hook tool developer



An ongoing call for volunteers

Your guild is growing; our members' skill-sets are growing too. Not so our mentor list, it has been stagnant for several years; we could use some new mentors, volunteers who would like to share their skills with other members. To be a mentor you need only offer your skills to other members and you do need to be a member of the AAW to be covered by the AAW's insurance thus protecting you, your students and your Guild.

To all of our membership and in particular new members may we remind you that our mentors have skills they are willing to share, it is up to you to tie-up with a mentor and make arrangements to move your skill set up a notch.

The same call for volunteers is being made for demonstrators. If you have a specialty or a particular turning skill, will you consider sharing it with the guild members? Please see any of the executive to offer your skills by way of a demo. Membership in the AAW is required for demonstrators, if you are not a member your membership will be paid by the Guild as an honourarium.

The month to month operation of the guild requires direction. Your current executive has been in place for a number of years, not necessarily by desire, but rather by need. All members of the executive will gladly step aside for those members wanting to serve.

I had a computer meltdown in which I lost my photos from March and April as well as the original text for this newsletter. My thanks to Bernie and John for their photos. While I normally back up all files I slipped up this last few weeks and thus lost about 2 months photos and data. If you don't back up you should, and don't get lazy or you could lose it all. Ed



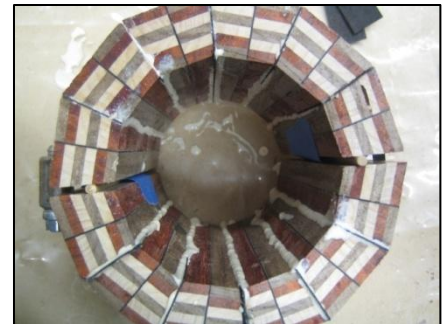
March meeting

Stave turning by Bernie Hrtzak

I must confess that I expected to see a simple demo of stave turning where the prepared stave construction would resemble a barrel type format and perhaps be a simple item like the body of a birdhouse, somewhat similar to the photo to the right, but in non-laminated staves. I should have known better of Bernie, who added the variation of multiple layers of colored wood per stave.

Note too in this photo that the "ring" is separated in the middle with two dowels. These are to enable the glue-up but to enable a final sanding/tweaking to ensure a tight fit. A missed angle would result in a gap which while not wanted, can none the less be sanded out if minor. The two halves are then glued into the final form.

Basically the resulting glue-up of the staves is similar to a single segmented ring of a segmented turning except the height of the ring is the height or length or the turning and each segment is made of the nominated staves. Accuracy of the angle is critical to a uniform ring. A solid wood base was laminated to the stave "ring". Again extreme accuracy is important and the base must be perpendicular to the stave ring to ensure the revealed wood colors are uniform in the final turned form.





A stack of laminated boards



The bottom of the resulting stave vessel looking from top



Bottom of the vessel



The completed vessel with finial

The finished turning from these laminated staves resulted in a beautiful vessel with unexpected geometry (although I am sure Bernie knew what would emerge!).



March and April's Show & Tell

The photos which I took were lost in a computer meltdown so can't be shown.



April meeting

Casting with Polyester resin to make unique bottle stopper by John Calver.

John introduced us to a novel technique for casting bottle stopper blanks from polyester casting resins. The use of Delrin or high molecular weight plastic for casting molds, dyes to color the resins, and techniques to cast items in the plastic such as fishing flies, lapel pins or anything else that will fit.

The basic process is to mix the polyester resin with its hardener (DEKP - Methyl Ethyl Keystone Peroxide), pour it into a mold, and allow it to cure. Of course the process is a little more complex when you wish the casting to be colored, multi-colored, or in which you encapsulate an item.

Safety is a major consideration when casting, fumes are dangerous so resins should be used in a well ventilated area. Fumes are noxious too so an outdoor casting location is preferred by many who do resin casting.

Once cast and cured the blank can then be turned much like hardwood. Tolls must be extremely sharp. The finished turning can then be polished to a high shine.





A cast stopper with embedded fly atop a wooden stopper



Two cast stoppers, one with an embedded fly, the second with rose engine design on the end & side



Turned wooden stopper with cast insert



Molds are made of "Delrin". Cast colors shown. Right mold shows a flag embedded. Front sample shows a cast slug out of the mold

1. Polyester casting resin - available at Michael's, but is expensive
2. DEKP - Methyl Ethyl Keystone Peroxide - a hardener
3. Opaque and transparent dyes.
4. "Delrin" or other high molecular weight plastic

For details of the materials, sources, and a possible workshop please contact John



April Show & Tell

The photos which I took were lost in a computer meltdown so can't be shown.



Curt Theobald Seminar

Curt gave us a great program on segmented turning, info, techniques, and encouragement.

Curt comes to us from Pine Bluff Wyoming where he turns full time, travels for seminars, and holds classes in his studio. His output of segmented vessels is 20+ annually.

As we all know there is a degree of accuracy for segmented turning, especially the type with decorative insert segments, accuracy many of us never approach in our normal woodworking or woodturning projects. Curt spent much of the morning explaining and showing how to achieve the accuracy required with basic tools readily available to most.

His primary tool is a 12" disc sander, for the demo, Gary's 12" Delta plus shop built jigs and sleds.

Setting up a sled/jig for accurate sanding of the segments and the pieces used to make decorative segments was covered in detail so those in attendance can "easily" do it ourselves. ⁱ



Lay-out and lay-up of finished segments for a ring was detailed and the attachment of same to the under construction vessel was demonstrated. Curt applies the segmented ring, lets the glue dry (~ an hour), and then he turns the required shape and finished thickness for the just added ring. This is repeated until the vessel is completed. Some segmented turners work with shorter segment to make "smaller" wall rings, glue all in place then proceed to hollow the vessel. I can see that progressive gluing and turning will make the job of alignment more accurate and simpler.

The afternoon was devoted to designing and constructing a decorative segment, a basic thunderbird.

If you look closely at the two vessels above, the small one is about 2" high x 2" in diameter, the large one is approx 5" x 5". Each segmented layer/ring is 16 pieces. The ring with the eagle has 8 repeats. Each eagle segment has about 80 pieces. So do the math - many small repetitive accurate pieces are required.

The small vessel has a similar number of pieces but their size is reduced by about 75%!

The variety of decorative segments is extensive. The pieces shown at the right are "spares". Curt always makes extras, "just-in-case" one goes together wrong.

The key to the decorative segments is preplanning the cuts and establishing a smooth workflow that minimizes steps by combining steps (pieces) where possible.

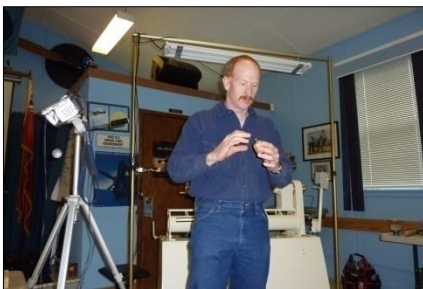
The Guild has purchased his DVDs "Introduction to Segmented turning" and "Segmented Patterns" that go into detail on the material presented at the Seminar. While Curt plans his projects with pencil and paper there is also software available for laying out your segmented project and developing cutting lists for both segmented rings as well as decorative multi piece decorative segments. One such program which I use is "Segmented Project Planner" available on-line at <http://www.segmentedturning.com/> for \$37us, available by download, including a trial period if you prefer.



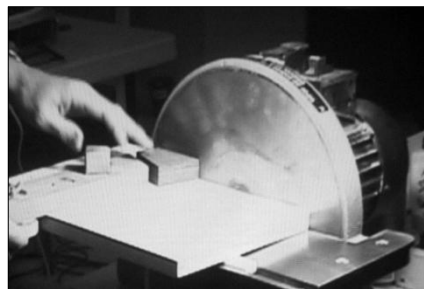
**Two vessels with beautiful design segments
(the coin for size is a quarter)**



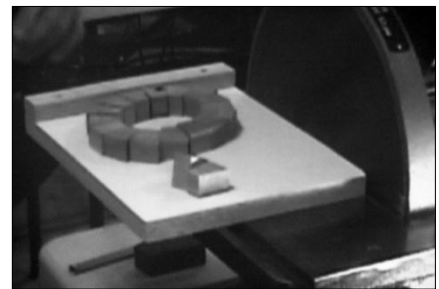
**Examples of "segmented design" element
segments**



Curt describes his work using the above small vessel as his prop

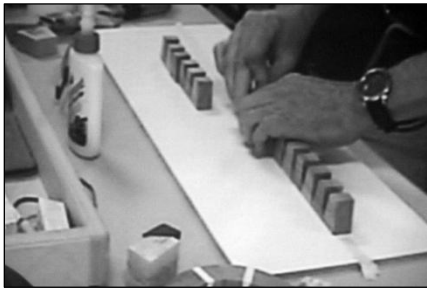


Delta sander with sled and segment sizing jig



Sized segments ready for a ring

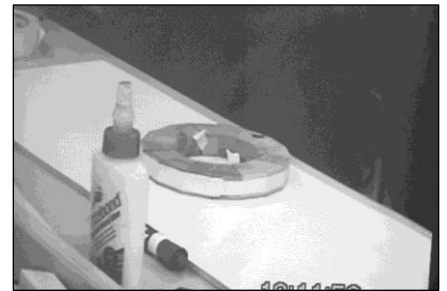




Lying the segment out on tape prior to buttering on the adhesive



Glue applied and smoothed out with putty knife to ensure coverage



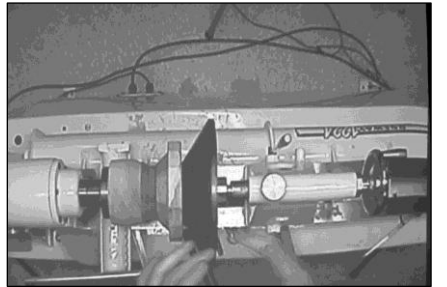
Glued pieces are then rolled into a ring, and clamped with a hose clamp



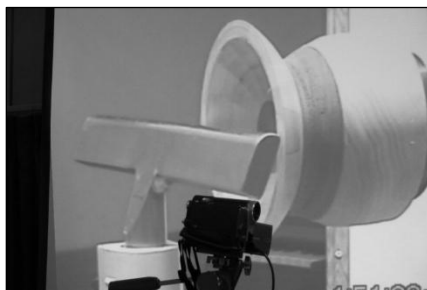
Then 2 pieces of board and clamps are used to ensure segments are flat, then the hose clamp is again tightened



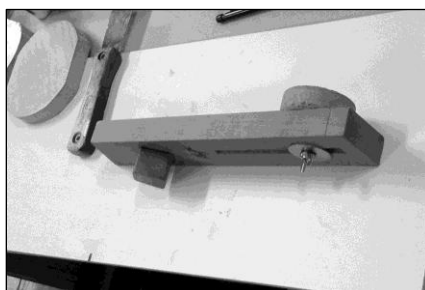
Each 1/2 ring is flattened at sander and then glued together ready for turning



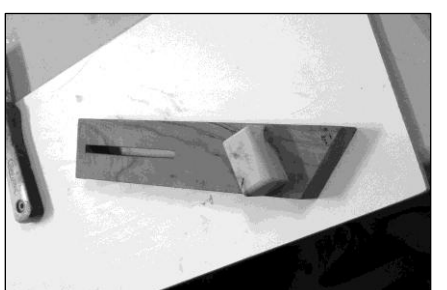
Aluminum alignment cone in tailstock for positioning the ring



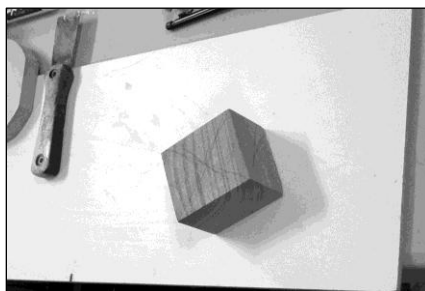
Segment ring was added, glues and turned to correct dimensions



Size and positioning jig



Positioning jig with pre-cut angle

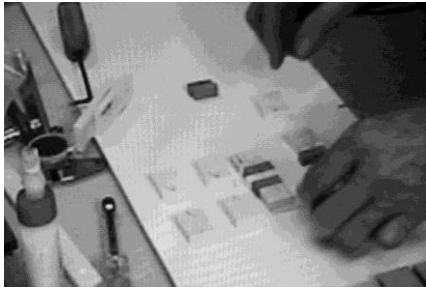


Showing a piece ready for sizing, note "X" to indicate surfaces to be sized

Most of these photos were taken from the Video projection screen and have been converted to B&W. I have a whole sequence of Curt's work on tuning the Delta sander. While too many to include, I can make them available in small file size form over the internet if anyone would like them, just send me an email and ask for "detailed photos of Curt and the Delta sander"

Bob

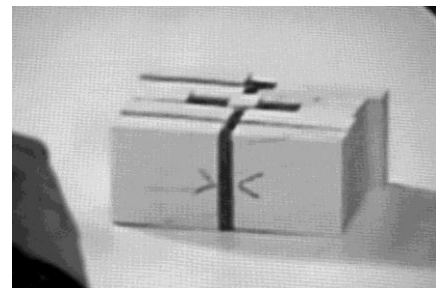
The following pictures cover some of the work done to create a decorative segment.



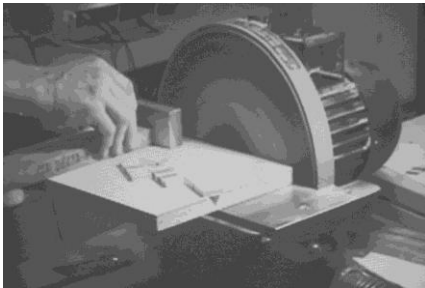
Once a pattern is designed a cut list is developed and repeat sizes are determined



Pieces are dimensioned and where feasible glued into sub-assemblies



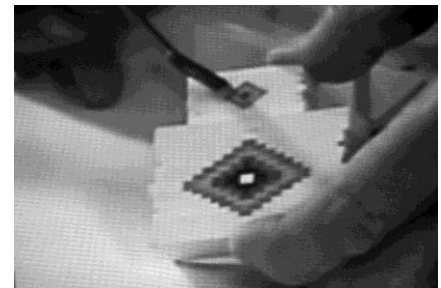
Dimensioned pieces are lined up and witness marks made.



Sub-assemblies are dimensioned



Final thickness of top and bottom determined. Lots of accurate measurements are what distinguish a great job from a so-so one!



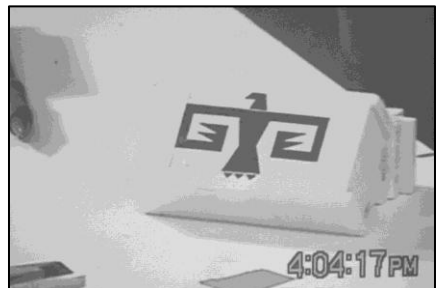
Example of a more complex piece showing why care in alignment is so necessary.



Each layer is bookmatched and glued. This shows where pre-planning allows a couple of segments can be made from one "thick" segment later bandsawn in half.



After gluing the segment is clamped



A finished decorative segment. Can you count the pieces that went into this piece?



2009-2010 season scheduled meetings and other events.

Date	Meeting or events	Shows/events/comments
September 10	Fall season begins	Segmented turning by Jack Wallace of the WGO. "How to" info!
September 27	Advance Box turning 203 (9:00 – 4:00)	To sign-up, see Scott
October 1	Monthly meeting	Al Johnston will demonstrate his Elliptical Chuck
October 3	Visiting turner - 9:00 – 4:00	Al Stirt - Full-Day Demonstration, tickets \$40.
November 5	Monthly meeting	Brian McNaughton will demonstrate "the Skew, friend or foe"
December 3	Monthly meeting	Gary Miller will demonstrate how to turn a Cabriole leg Show and tell, please bring in a turning to show we would love to see what you are doing these days (evenings). Christmas themed "Show and Tell"
January 7	Monthly meeting	Bob Hewson will demonstrate the Beall pen wizard
February 4	Monthly meeting	Bruce Gordon will demonstrate how to do the barley twist
February 12 – 14	London Wood Show with a joint Wood Carvers and TVWTG guilds competition	There is ~\$500 in prize money contributed by your Guild. Judging will be by a 3 judge panel with Open and Novice categories and faceplate and spindle turning classes. See added detail within the newsletter
March 4	Monthly meeting	Bernie Hrytzak will demonstrate the turning technique of stave construction turning
March 21	Turning 101	Spindle - a repeat program aimed at new recruits from the woodshow as well as current members.
April 1	Monthly meeting	John Calver will demonstrate Polyester casting for use in turning beautiful bottle stoppers.
April 25	Visiting turner	Curt Theobald – full day demonstration. Curt's field is segmentation.
May 6	Monthly meeting	A split or offset turning with Eric Deckert
May 8	Visiting turner	Bonnie Klein – full day demonstration.
June 3	Monthly meeting	Duelling rose engines brought to you by John and Gary.
June 18 - 20	AAW Symposium	AAW symposium, which will be in Hartford, Connecticut, USA
July/August	Summer break	Summer break.
September 9	Return from summer hiatus	Turning of lace bobbins by Richard Pickul - Tentative <u>Note, this is the 2nd</u> Thursday, moved from Sept 2 nd due to adjacent long weekend
Fall	Turning 102	Faceplate - a repeat program aimed at new recruits from the woodshow as well as current members.
October 7	Monthly meeting	
	Topics in the discussion stages, not yet formalized as to date or content. Program Ideas and suggestions for guest turners are always welcomed by your committee	<ul style="list-style-type: none"> -Hand thread-chasing. -Guest turners or seminars. -Design? What makes a "good" turning into an "outstanding" turning? -Metal spinning -A safety night (discussion/panel) -A "show and sell" table of turnings", and a "show and trade" table for your turnings. -Future challenge ideas: a pair of "something", a seed pod turning. -Shear scraping -Pendants -Eccentric spindle turnings -Turning a bowl from a board
		<ul style="list-style-type: none"> -Turning a ring -Inlace -Bird houses -Finishing the "foot" -Basic drying of wet wood -Wine stoppers -Sharing of advanced techniques turning 201 -Finishing -Make a home drying cabinet -Turning a bracelet for your significant other. We are looking for demonstrators of different techniques -Vendor – MinWax

Note, meetings start at 7:30, doors open at 7:00. Raffle tickets, the library, and the Round table critique will be available between 7:00 and 7:30.



Items both wanted and for sale

Ads are free for members and run until you sell your item or withdraw your advert. Members can support other members by **buying: good deals and good prices!**

Please note. The Guild provides a means of connecting buyer and sellers through these ads. It is up to the buyer to ensure the item offered is as stated and the two parties should agree between them as to warranty or guarantee for the item.

To run a new ad in our newsletter or to remove a sold item, call Bob at 519-457-6555 or email him at 66.bobhewson@rogers.com. We welcome small business card type advertisements at a rate of \$30 per year. We print 6-7 issues per year on a non-date-specific schedule. We upload our newsletter to the internet at <http://www.thamesvalleywoodturners.com/> for viewing in glorious **colour**.

PHILLMORE ENTERPRISES
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CEDAR PINE WALNUT
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GOOD QUALITY LUMBER AT REASONABLE PRICES

1092 SARNIA ROAD
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ROY PHILLIPS
BUS: 471-3707

For Sale

Bandsaw, General 15" with Craig fence.

Price: \$700 OBO

For information call Murray at 519-225-2854

Custom work:

I have a vertical mill & metal lathe to make different turning tools (cutters, sharpening jigs, supports etc.) you name it, similar to the Hunter Tool for hollowing in two different sizes 1/4" & 3/8" round, also a square end cuter (all carbide cutters).

-If you want a curve put in rod it can be done too. You will have to make a drawing if you want a bend put in the rod.
Price: \$50 straight, \$70 bent or curved.

-Aluminum handles to accept the tool is also available (you choose the size).

-See my sharpening jigs at the next guild meeting or call.

-**New** Custom vacuum chuck \$95

-For any custom work, please see me.

Call: Al Johnston at 519-679-8718

592 Mapledale Ave. London

For sale: I make and sell cutters for the Stewart system and or boring bars. They are made of hi-speed steel. Available in three sizes, prices are \$15, \$20, & \$25.

Call Mario Moran at 519-336-0550, or see him at the Guild meeting or mario.ada@sympatico.ca

For Sale CA Glue and Log Sealer for Wood Turners

EM-02 VERY THIN, INSTANT CURE, Able to penetrate between parts, very thin viscosity, allows up to .002" gap fill capability

EM-40 MED-THIN, FAST CURE, General purpose, thin viscosity, allows up to .004" gap fill capability

EM-150 MEDIUM, MEDIUM CURE, Broad use adhesive, medium-thick viscosity, allows up to .006" gap fill capability

EM-600 MEDIUM THICK, MEDIUM CURE, Heavy duty adhesive, medium thick viscosity, allows up to .008" gap fill capability

EM-2000 THICK FILLER, SLOW CURE, Allows maximum time for positioning fixtures. Use to bond fibrous and porous materials. Flowable thick viscosity, allows up to .010" - .020" gap fill capability, excellent for filling large open cracks, gaps and holes. Used as a general manufacturing and repairing tough and uneven materials.

All are available in 2 1/4 oz. bottles bottle which includes 5 detachable long nozzles and an extra top with spout and cap.*

Price: \$15.00 (taxes included)

(EM2000 does not include the 5 detachable long nozzles because it is too thick for the nozzles)

Additional long nozzles are priced at 5/\$0.25.

ACTIVATOR Instantly cures adhesives. Contains no CFC's. Mist Pump Sprayer

Price: \$10.00 (taxes included) 2 oz. bottle

DE-BONDER Required to un-glue items (example: fingers accidentally glued together)

Price: \$10.00 (taxes included) 2oz. bottle

This is the most superior CA Glue on the market. Manufactured by the company that invented CA Glue over 30 years ago

LOG SEALER FOR TURNERS I have an inventory in 4 liter jugs of log end sealer on hand.

Price: \$25 which includes the sales tax.

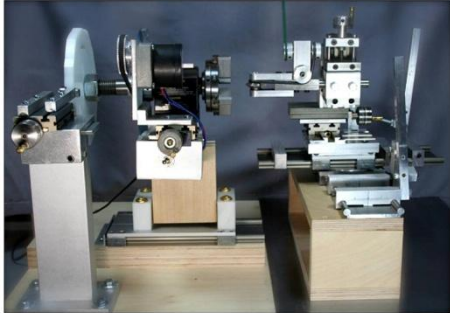
Please call: prior to the club meeting. That way I can bring your order to the meeting and save on any shipping costs.

Call: Fred Rodger 519-858-2558 or email at frederick.rodger@sympatico.ca (Fred will bring it to the meeting for you)

For Sale

Jet Mini-lathe (Model JML-1014)
Excellent condition
Tail and headstock raised 2"
Price: \$300
Call Pete at 519-661-7525

CANADIAN ROSEENGINE INNOVATIONS

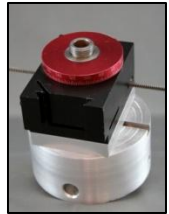


Let us build you an extremely accurate and dependable rose engine:
8" radius turning capacity.
Headstock, X and Y axis movements slide on Delrin linear slides
Micro adjustment possible using Taig cross slides on rosette tower, timed belt and pulley adjustment and X-Y axis movements.
Headstock powered by a 1rpm geared motor using geared pulleys and belt.
Universal cutting frame powered by a Sherline motor and speed controller
Cutter frame uses 60 degree carbide cutters.
Magnetic hold down for cutting frame tower allows for infinite positioning of cutter frame
Headstock has pumping and rocking capabilities.
Work can be phased by an indexing system which allows 1 degree indexing

Contact John Calver at (519) 455-6998 or jrcalver@rogers.com for complete details, more pictures and pricing.

For sale:

I am offering for sale the following items
a) An Eccentric chuck for smaller lathes



b) Articulated arm boring bar, custom built to your specifications.



c) Eccentric counter balanced chucks



Custom built accessories.
Contact John Calver at (519) 455-6998 or jrcalver@rogers.com for full details, price and specs.