

CALGARY WOODTURNERS GUILD NEWSLETTER



May 1, 2018

Issue 81, May 2018

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May 1, 2018 Meeting

Norm had another commitment and arrived late, so Garry Goddard took control and called the meeting to order.

Guests

Guests were Wally, John and Neil. Welcome to all.

Sawdust Session

It was announced that there would not be a sawdust session in May. The next sawdust session would be June 9th and would be held in conjunction with a tool sale at the Drop in Centre.

Directorship Opportunities

Albert wishes to step down from organizing and running the sawdust sessions, and Doug would be interested in someone to take over the newsletter. This is your chance to get involved with the running of the guild. If you are interested in taking over either of these positions please contact Norm.

Lathe for Sale

Greg Dahl announced that he has a General 260 lathe for sale. This is a 220V machine. Please see Greg for further details.

Donations and Vibration Dampening Trick

Dwayne Sims announced that the guild had so far this year donated over \$2,800 of product to various charities.

To dampen any vibration that you may be getting from your lathe, sweep up all that gravel on the road in front of your house and pour it into a tire inner tube. Seal off the ends of the inner tube and hang the tube over your headstock. The gravel filled inner tube will absorb and dampen any vibration.

Turning Portals by Ron Falconer

Ron starts turning a portal with a cube of wood mounted between centers. He turns the cube round with a roughing gouge and then puts a tenon on one end. Once the tenon is been cut, he mounts the piece on a chuck, securing the other end with the tail stock.

Ron next hollows or forms the outside curve of the piece. Ron says you can make the portal any shape you want, as long as your drill bit can still go down the middle of the piece. When making a smooth concentric curve the most difficult part is getting the curves to match on each side.

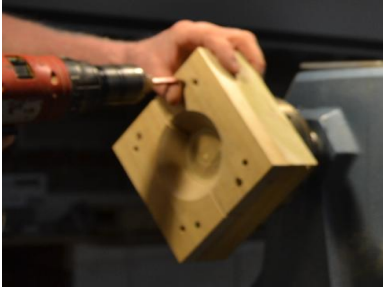
After shaping the outside of the piece, Ron bored out the middle with a forstner bit, but only 3/4 of the way into the piece. With the piece still held in the chuck, he then started cutting away the inside of the piece to match the curve made on the outside with a hollowing tool. With the outside turned to shape, and one end turned to match, Ron would do any sanding on the turned parts of the piece now before cutting the inside of the other end of the portal.



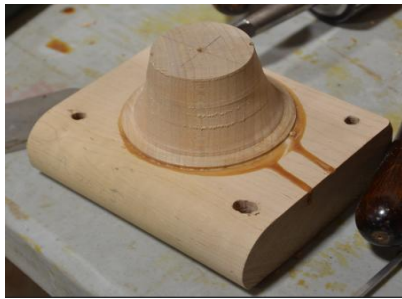
To turn the other side of the portal, Ron makes a specialized chuck to hold the turned side of the piece on the lathe so he can hollow out the other side.

To make the chuck, Ron starts with a block of wood and drills 4 holes (one in each corner). These four holes must be exactly spaced from each other, as two pieces of wood will be attached to the block with bolts put through these holes, and then reversed and remounted again.

Ron takes a second piece of wood the same size as the initial block, and after drilling matching holes, saws the piece of wood in half. He attaches the now two pieces of wood to the initial block, and mounts the three pieces on the lathe using a chuck and the tail stock. The two pieces are placed flat against the chuck, and the solid piece is towards the tail stock. The piece is held just with the pressure from the tail stock. Ron cuts a tenon on the solid piece, and then flips the three pieces and mounts the three on the chuck using the tenon just cut.



With what will become your chuck mounted on the lathe, go back to your turned piece and determine what the diameter of the turned piece is about 3/4" from the end. Hollow out the two piece block to form a collar that will fit the portal. This takes a bit of trial and error, with one piece being taken off the chuck and fitted against the portal. Once you have the pieces cut so they fit take both pieces off the chuck. These two pieces will be the outside "jaws" of the chuck.



The portal also needs to be supported on the inside. Take another block of wood, and hold it in place against the block of wood using the tail stock. Now cut this piece into a "cone" that will fit snugly into the portal. Once again, check the fit often. The cone should fit snugly and follow the same curve as the portal, while still holding the edge of the portal away from the block. You do not want the edge of the portal against the block or you will not be able to tighten everything up properly. Once the cone has been turned, glue the cone to the center of the block.

Now you need to put everything together to finish turning the portal. Put the jaws around the piece and then screw a piece of wood across the joint of the jaws to make them one piece. This will help stop the jaws from wracking as everything is tightened up.



You should still have a center point marked on the unturned center part of the portal. Use your tail stock and this center point to center the portal on the cone.



Now screw the jaws to the block. When screwing the jaws to the block, you want them tight, but not so tight that they wrack. You want everything tight so nothing comes loose as you are turning, but also want maximum surface contact to the piece.

Now that the piece is securely mounted, drill out the rest of the center, and using much more gentle cuts, hollow out the remainder of the piece. Sand and finish to your liking.

BREAK

Dave Beeman did his raffle with help from Greg Dahl and others. Randy Nattress won \$70.00 in the 50/50 draw.

Our next meeting (the last before our summer break) will be at 7:00 PM Tuesday June 5th at Black Forest Wood Company.

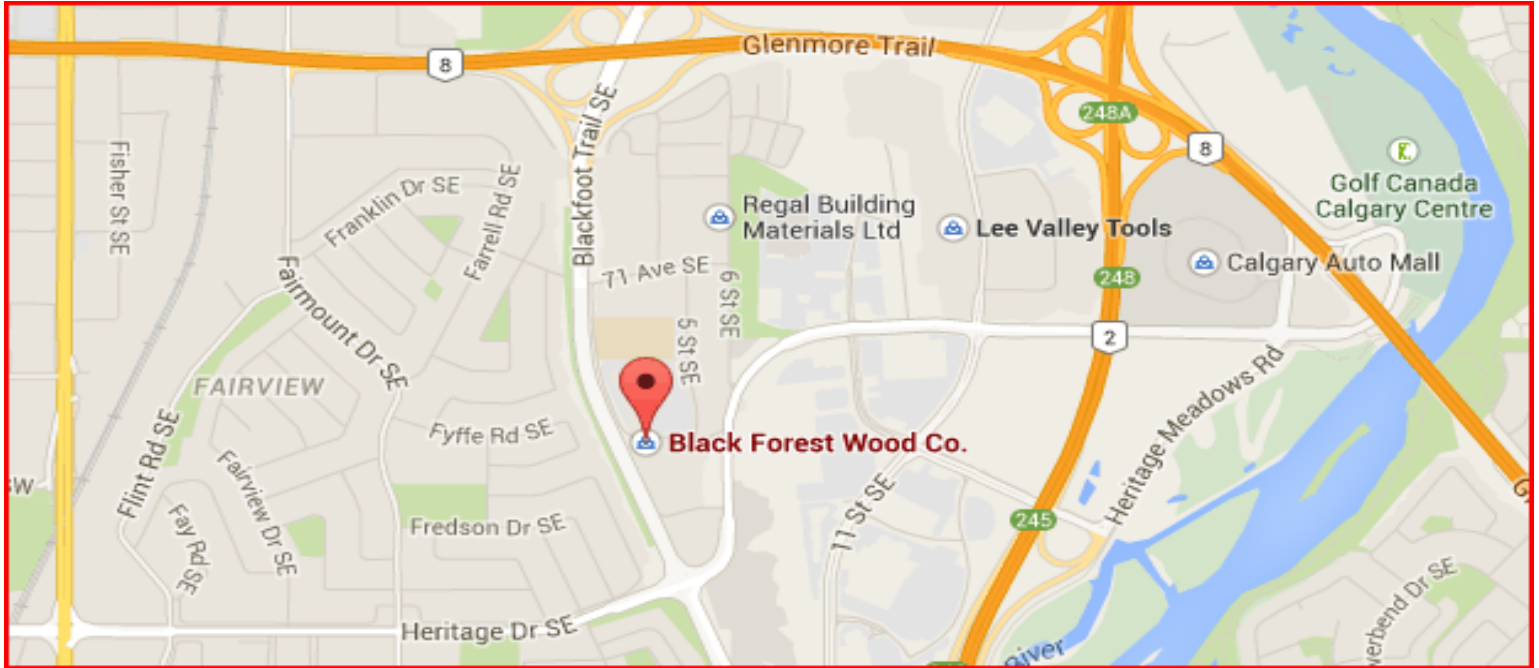
Instant Gallery





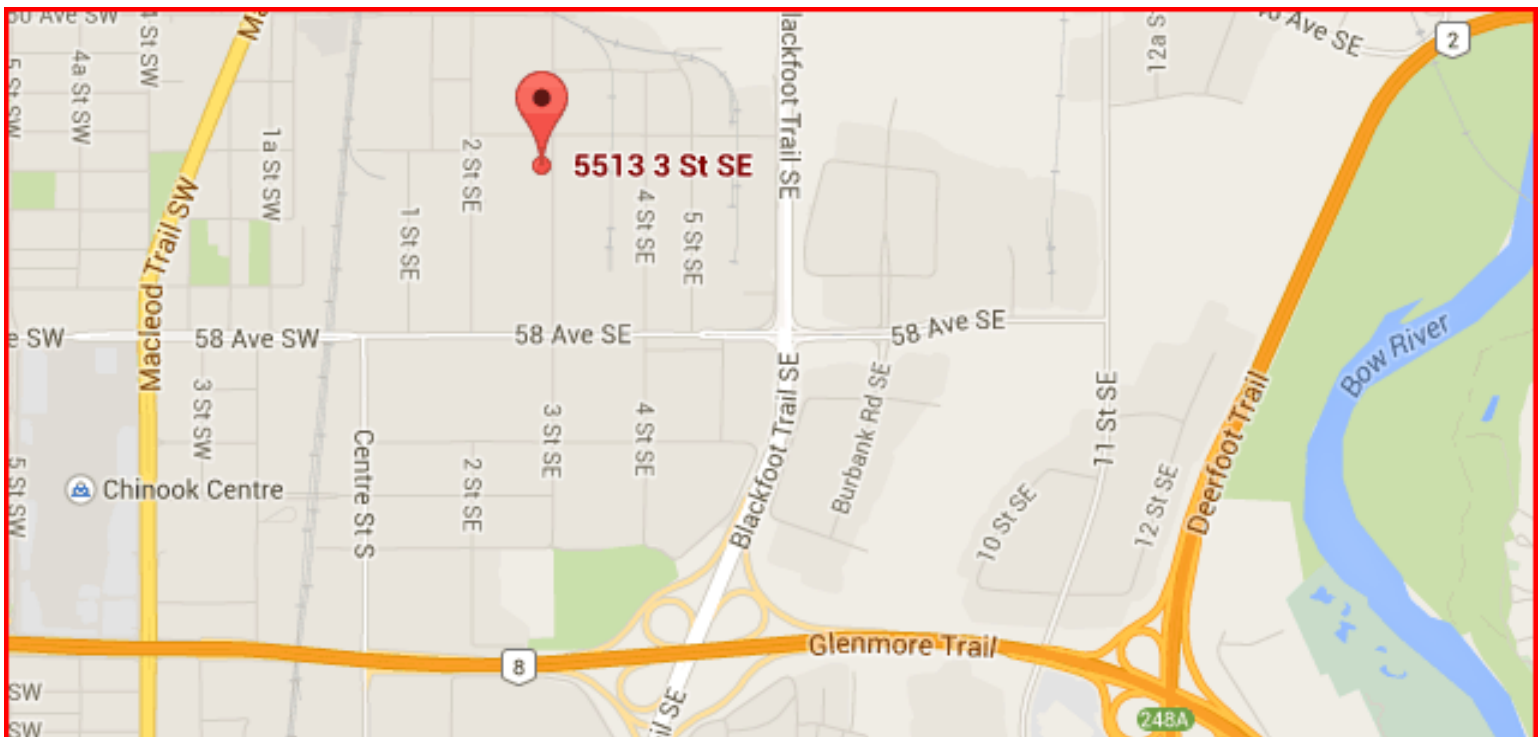
Guild Meetings

The Calgary Woodturners Guild meets at Black Forest Wood Company (603, 77 Ave SE, Calgary) the first Tuesday of each month at 7:00 PM except for July and August. Visitors are always welcome.



Sawdust Sessions

Sawdust sessions are held at the Calgary Drop-In Woodwork Shop (5513 3 Street SE). Come turn and talk wood with your fellow guild members, learn or try something new. There are always people available to answer questions and give help, and lathes to turn projects on. Visitors are always welcome, and lunch is available for \$5.00 for those who work up an appetite and want to stay.



About the Guild...

GUILD PURPOSE

To promote the art and craft of Woodturning in a way that expands the knowledge, safe practice, and enjoyment of woodturning, thereby benefitting both members and also the community

FOR THE MEMBERS:

- To provide all members with a method of regularly exchanging ideas and experience in woodturning
- To promote safety in woodturning
- To benefit from group size in acquiring published resources & materials

FOR THE COMMUNITY

- To bring an awareness of woodturning to the general public
- To provide charitable benefits to the community

MEETINGS

The guild meets on the first Tuesday each month (except July and August) at 7:00 PM at Black Forest Wood Co., Bay 7, 603 - 77 Avenue SE, Calgary, AB. Visitors are welcome

MEMBERSHIP DUES

Annual Dues - \$30.00 with Email, otherwise \$35.00
Dues paid on a calendar year basis

MAILING ADDRESS

Calgary Woodturners Guild
c/o Black Forest Wood Company
Bay 7, 603 - 77th Avenue SE
Calgary, AB, Canada
T2H 2B9

WEBSITE www.calgarywoodturners.com

CLUB OFFICERS AND DIRECTORS

President:	Norm Olsen
Vice President:	Garry Goddard
Treasurer:	Steve Olson
Secretary:	Doug Drury
Director - Website Administrator:	Sherry Willetts
Director - Program Manager:	Terry Golbeck
Director - Sawdust Session coordinator:	Ken Kindjerski
Director - Sawdust Session coordinator:	Albert Daniels
Auditors:	
Bar-B-Que (Annual):	Albert Daniels
Charitable Co-ordinator	Dwayne Sims
Librarian:	Carl Smith
Membership Records:	Carl Smith
Newsletter	Doug Drury
Photographer:	Vacant
Programs:	Terry Golbeck
Public Displays:	Graham Dolby
Raffles:	Dave Beeman
School Liason:	Jim Jones
Spruce Meadows Sale:	Kai Muenzer
Webmaster:	Sherry Willetts
Members at Large:	Jim Leslie, Vern Steinbrecker