

UTAH WOODCHIPS



Message from the President

February -- 2005

- The January meeting at MacBeath's was an interesting "show and tell" about using a "vacuum chuck". We demonstrated how to take the "chuck" base off of a platter or bowl. Also some easy ways to align the object up correctly and different size "holders" for the vacuum that you can make yourself. Everyone seemed to enjoy the meeting and learned a few tricks about this very different method of holding your projects on the lathe.
- Our Third Thursday at Woodcraft was another class on sharpening "101". Again, this was a hands-on demonstration, which seemed to benefit everyone in attendance. We showed how to sharpen spindle, bowl and roughing gouges. Also, parting tools and scrapers. We also cleaned up and sharpened a number of tools for some of those in the meeting. We discussed how to make your own grinder and the various type of wheel grits. This class will be repeated again...until you "get it".
- For February we have three special events you will not want to miss:
- First, our club meeting will be at Timberline in Orem. We are delighted to have Lane Phillips as our guest turner. He has been turning for many years and does demonstrations all over the country. He will be teaching us a number of techniques for woodturning and a special session on mistakes a lot of people make when trying to separate the "chips from the wood". Put this one your calendar.
 - Second, we have a special guest turner coming in from England. Mr David Springett specialized in woodturning "trickery"; lace bobbins; Chinese balls, etc. If you want more info about him, go to his web site: <http://www.davidspringett.fws1.com>
 - David will be doing our 3rd Thursday "class" at Woodcraft at 7pm on Feb 17th. He will be demonstrating some of his clever woodturning including an arrow through a glass apple as well as cubes, spheres and maybe a streptohedron box. You definitely won't want to miss this.
- Third, David will also be putting on a special training class for club members and guests, Saturday the 19th from 10am to 2pm at MacBeath's Hardwoods in SLC. The cost will be \$10 per person. He will be teaching how to make some of his unique chucks and other special projects as mentioned above. Some people who have attended a one-day class from him, costing over \$60, just raved about how much they enjoyed it. If you don't go to this...you'll hate yourself in the morning.
- The March 1st meeting will up in the Ogden area. We have a relatively new turner, Thomas McCormick that will be doing our demonstration for us. We'll be going to his shop which is located at 1951 S. Eccles. This will be fun.

Regular Monthly Meeting

<u>Date</u>	<u>Demonstrator</u>	<u>@ Place</u>
Feb 1		Timberline 1402 W. Center St., Orem
Mar 1		Thomas McCormick Shop This is a couple of blocks West of Harrison Blvd. At 1951 S. Eccles Ave. Ogden. Call 801-710-2500 if you get lost. This is a large garage – standing room only. Bring a chair if you need it. Park on street.
April 5		Macbeath Hardwood 1576 So. 300 West, SLC
May 3		Open
Jun 7	Club Picnic	Craft Supplies 1287 E. 1120 So Provo



2004 Symposium CD-Rom

Other Symposium Compact Disks Available
1999, 2000, 2001, 2002, 2003, 2004

Unable to attend the Utah Woodturning Symposium at BYU? **Take heart!** The Club has produced a CD-Rom again this year that covers almost every aspect of the event. Video clips as well as photos of virtually every piece in the instant gallery. There is even freeware picture viewing software on the disk for you to use.

The CD is **compatible** with PC and Mac.
\$35.00 includes packaging and shipping.

If you would like to buy a CD at the club meeting you can take 10% off since we don't have to ship it (\$31.50). Call Bob Carter and let him know to bring one for you.

**The 2005 Symposium will be on
June 16 – 18 at BYU. Make plans NOW!**

Bob Carter and the Vacuum Chuck

Bob gave a great demo on the use of the vacuum chuck. He first turned a simple nut bowl using a screw chuck to hold the blank. He then cut the piece to round and started to define the outside shape. He measured a foot to fit in his Vicmarc jaw chuck. After finishing the outside with sand paper and friction polish, he reversed the bowl to remove the inside. This was done with a bowl gouge and finished off with fine cuts from a scraper. We also learned the use of the Sorby Angle Sander. This is powered by the turning on the lathe and does a quick job on small items.

Once the bowl was shaped and finished, Bob then showed us the parts of his vacuum system. You can buy the whole thing for about \$450 he says, or make some of the parts yourself and save a little. The fittings for the headstock cost about \$75 at Craft Supply. His system consists of a small portable vacuum pump, a pressure gauge, a release valve, a kit that allows the vacuum line to go thru the spindle in the head stock, several sizes of PVC pipe couplers and several pieces of hose.

Bob then showed us how it all fits together. The PVC pieces were fit into grooves cut in MDF board and glued in place. The back of the board is fitted with a face plate so it can be easily fitted to the headstock. The edge of each tube is then covered with a piece of foam rubber similar to wet suit material. When it is all put together, it gives a nice seat for the turned piece to sit against. When the pressure is turned on, suction is created inside the piece to be turned and holds it firmly in the lathe.

Even with the vacuum chuck, a light touch is still used as this is the very last thing done to finish up your project. After the bottom is shaped, use sand paper and finish with the same finish used on the rest of the bowl.

The vacuum system is invaluable if you are turning lots of items of the same kind. Turn them all to the last stage, then use the vacuum chuck to remove the bottoms all at one time. A great system if you can afford it!

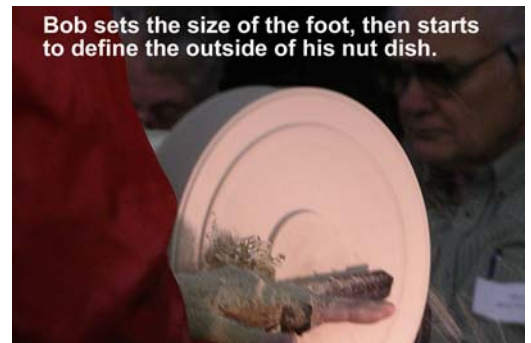
A special class in February

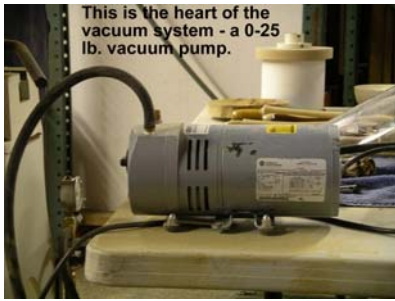
Bob also told us of a special event on our third Thursday meeting in February. David Springet will be in town for a Bobbin Show. He is world renown for making lace bobbins, miniatures and "Balls Within Balls". He will give us all a little demo that evening, Thursday, Feb. 17th, 7:00pm at Woodcraft.

Then on Saturday, the 19th, David will teach a class for all who are interested to learn some of his techniques. He is only charging \$10 each for this morning class. Bob will have more information at February's meeting on the 1st.

Yes, It's Christmas time already!

Just a reminder for all of you that would like to help during the year to supply small bowls and ornaments for a tree to be given to The Festival of Trees, we will be happy to take them at our meetings each month. If we all start now and only do 2 or 3 each, the task will be simple. Anyone who would be willing to donate several larger pieces to put around the base would be appreciated also. We already have a tree and people to put it together, so you all have the easy part. We will let you know when we have enough.





This is the heart of the vacuum system - a 0-25 lb. vacuum pump.



This gauge is used to control the suction and the valve allows for bleeding the system to remove an item from the chuck.



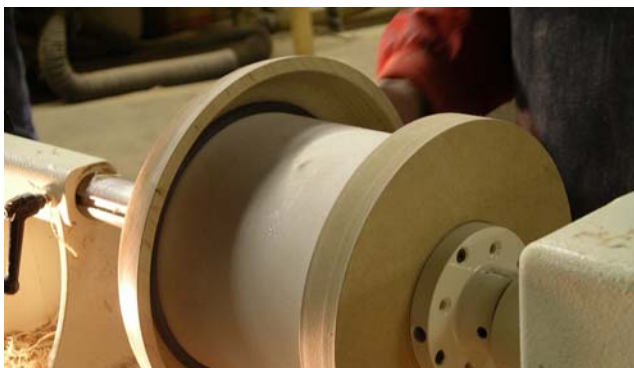
This is the floating bearing that allows the vacuum rod to go thru the headstock to the vacuum chuck. Note the quick release for the vacuum line.



Here is the complete assembly ready to accept a turned item.



Off goes the foot



Utah Woodchips is the official newsletter of the Utah Association of Woodturners.

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Utah Association of Woodturners

The Utah Association of Woodturners is the local chapter of the American Association of Woodturners.

The club was formed in 1988.

Meetings - first Tuesday of each month at various shops or wood stores who support the club.

Refreshments 6:30

Meeting 7:00pm

You are invited to attend and become a part of the group. For more information call any club officer.

Dues begin July 1st

\$25.00 full year

\$20.00 three quarters

\$15.00 half year

\$10.00 last quarter

Spouse \$10.00

**Training Meeting
 3rd Thursday**

@ Woodcraft
 767 E. Fort Union (7200 S.)
 7:00 – 8:30 pm

David Springett will demo Some of his special jigs and Ideas to help us all.

Turners Challenge

Jan (for the Feb meeting)
 Cat-tails in a vase

Feb (for the March meeting)
 Picture Frame

Mar (for April meeting)
 Hollow form bowl or vase

April (for May meeting)
 Lidded Box



Items for Sale

'56 Oliver 159M Lathe 48 X48 with bed extension, 2hp motor, var. speed inverter block. \$1900 OBO. Thomas McCormick – 801-710-2500

Speed up your mini lathe with a 2hp Treadmill motor with var. speed Controller. \$80. See Bob Carter 801-265-2615