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President’s Corner

I would like to welcome Scott Thornhill, Carole Magnuson, Larry McPeck and Lisa Botton to the Board. To the departing board members Bob, Bruce and Joe, thanks for the past years of hard work for the club and I am sure I speak for all the members as well. It will be difficult to improve on your past performance.

Any suggestions to improve the club will be greatly appreciated. Please feel free to discuss them with myself or any board member.

Be an active part of the club—not just a bystander.

Thanks to the efforts of the board members & committees, we are looking forward to some world renowned demonstrators at our monthly meetings and hands-on classes. I hope the members will take advantage of the excellent learning opportunities with these demonstrators.

Another opportunity is at hand to learn from a world class artist. Al Stirt’s work is known across the globe. How and when does he decide what type of carving/embellishment to use on a particular piece? What shape will present the best look? Does the shape come first and the embellishment follow or is a pattern decided on and a shape made for the pattern? Is it all envisioned from the outset or does it evolve on the lathe as the wood is exposed? Go to his website and look at his work. Then come to the demo and meet and watch the man express how the creation happens.
Annual Holiday Party
2007

The 2007 Holiday party was held at hope Presbyterian Church on December 8th. There were many fun filled activities being enjoyed by all who attended. There were carolers singing around the piano, (played by member Pam Johnson), member gift exchange, spouse/guest gift exchange, door prizes, ornament turning challenge, new board members being elected, a silent auction and live auction of professional turnings, food, food and food and the best part getting together with fellow members. If you haven’t attended the annual holiday party I highly encourage you not to miss it next year!

Thank you to all who helped to make our party a success. Party Chairman - Jim Jacobs, and all the help from Bruce Thompson, Linda Ferber, Joe and Sharon Kadlec, Ron Meilahn, Tim Heil, Jeff Luedloff, Reed Jacobs, Pam and Doug Johnson, and Wade Wendorf. Hope I didn’t forget anyone!

We should also thank our pro demo sponsors, Cindy Drozda, Jimmy Clewes and Stuart Batty.

Special thanks to Dan Rominski who donated the Bosch Jig Saw and Power Box Radio, Mike Hunter donated the two Hunter Tools, Al Orris donated the "Power Matic" apron and Rockler, Woodcraft and Craft Supplies for donating all the gift certificates.

And the winners are…..
3rd place=John haug
2nd place= Dan Rominski
1st place= Jim Jacobs

Ornament challenge: which one did you pick?

Spouse/guest prizes turned by our members

John Haug exchanges his gift with Mitchell Johnson

Carolers singing around the piano
Woodturning in Basic Black Preview

Linda Ferber

The preview of the Woodturning in Basic Black exhibit was celebrated with a wine and chocolate tasting, co-hosted by the Rake magazine, The Wine Store and KBEM at the AAW Gallery of Wood Art in the Landmark Center December 6th.

The crowd was lively and excited about this exhibit preview. The wine and chocolate were an excellent combination with the Basic Black theme lending a formal atmosphere as did Alan Lacer in a tux. Could we even take humor from the title of Mary McKinney’s ebony piece and say Black Tie Party. The artists featured in the preview used a variety of techniques to achieve a wide range of “black” surfaces: scorching and charring, dyes, inks and graphite transform the wood color of those pieces.

The AAW Gallery of Wood Art is an educational asset to the Minnesota Woodturners. The Gallery location affords an opportunity to view and experience fine woodturnings from around the world. With each piece there is additional information about the artist including thoughts and motives they experienced while creating their work. Stop by and talk to Tib Shaw, the Gallery Coordinator. She has exceptional insight about the exhibits. Some of the featured artist from Woodturning in Basic Black are: Gorst dePlessis, Jacques Vessery, Liam Flynn, Molly Winton, Betty Scarpino and Mary McKinney. To read more about the exhibit visit the AAW website woodturning.org or the American Woodturner Journal winter issue and view the article written by Alan Lacer.

Woodturning in Basic Black opens January 11th running concurrently with the exhibit Far From the Tree, which features woodturning artists from the 1940s to today in a visual history of the emergence of woodturning as an art form.

Enjoy the photos and I hope to see you all in the New Year.
From Sawdust to Ribbon shavings!

A block of dried wood changed into a mighty fine bowl.
By Fred Kogler

Metamorphosis is a word that you might expect a chemist to use, especially when describing the dramatic change that was recently engineered Saturday morning, January 12, 2008. It all took place in the basement shop of Bruce Thompson. I didn’t hear the word once, however, as I was guided by this master teacher through all the various steps needed to convert a rough sawn chunk of wood into a thin-walled nicely shaped bowl. But it surely would have been appropriate.

But I get ahead of myself.

Several years ago I had a conversation with my next door neighbor Steve Peterson. We are good friends and have had more than a few shared experiences over the years in what I would loosely call my shop. Several involved my using a table saw to cut boards for Steve when he was involved in some woodworking project. At the end of these times together we would usually finish up with a broom, dustpan, and a bag of newly created sawdust. In fact, after one especially frustrating day at trying to cut and assemble some boards into a bookshelf, Steve reported having had a dream about my drowning in my basement sawdust...how terrible a thought.

Then, one day, soon after the sawdust nightmare, I had the good fortune of acquiring a Craftsman woodturning lathe. As soon as I had it set up, I gave Steve a call to come and see. Well, he did, and what a miserable day that turned into. Before too long we had managed to ruin several pieces of wood, broke off the end of a chisel, and causing wood chips to go flying in every direction. Finally, we quit after having melted our way through a six pack of fuses! Needless to say, I laid the chisels aside, and didn’t touch the lathe, except when we would move and I had to get someone (Steve twice) to help me load it up for the trip to the next house.

Fast forward about 20 years to my first membership in the Minnesota Woodturners Association (MWA). I joined on impulse after having seen a demonstration somewhere, and my desire to learn how to use a woodturning lathe came back with a rush. But I was still untrained and unskilled. As I look back I think I expected that if I paid my dues, got a membership card, and read a few articles in the MWA newsletter I would be magically changed into a master wood turner with the skill of a Lacer and the delicate output of Drozda. Needless to say it didn’t happen.

I managed, however, to read up on making pens, bought a few slim line kits and exotic wood blanks, added a new set of chisels to my tool arsenal and behold I turned, polished, and assembled my first pen. After that I was on my way, and all my friends and relatives got pens from me for every reason; birthdays, anniversaries, Christmas, even in celebration of a new born child, ugh! Little did I realize that when these hand turned exotic gifts were presented, the recipients didn’t see anything very special about them, and many times they uttered their highest compliment, “well, at least it writes smoothly.” Ouch! Needless to say, pen making was laid aside and so was my set of chisels and the now rusting Craftsman tube lathe. I still didn’t know the difference between spindle turning and bowl turning...to me it was all the same. You got a lathe, some wood, and a set of chisels and had at it.

But I kept reading and dreaming. Then, not too long ago, I went to the doc for my annual and he suggested that maybe I should eat less, get a little more exercise, and take up some type

(Continued on page 6)
of hobby for relaxation.

Once again I turned to my trusty old Craftsman. By this time I realized that there was a little more to this craft and I needed to get some serious training. I rejoined the Club, started reading again, made more pens, bought a DVD from England and even turned some lace bobbins. Oh, yes, and I kept at making saw dust. Remember, I still didn’t know anything about bowls, sharpening tools, varying speeds, choosing between spindle gouges, skews, scrapers, or bowl gouges!

Then, one Saturday morning, I attended a demonstration hosted by the Club, saw a bunch of guys about the same age, size, and shape as me, and some pretty amazing pieces of wood turned into all kinds of shapes and sizes. What is more, there was a guy that was demonstrating how to use a lathe and he didn’t make any saw dust! Instead he made ribbons of wood fly off the lathe until he was ankle deep in them, and the chunk of wood he had been “ribboning” had turned into a bowl!

By that time I was able to build a new house, included some serious space for a wood shop, yes, I still had the trusty old Craftsman, and as I was about to retire (“redirect” in my vocabulary) I presented myself with a new Jet lathe. I had read about manual variable speeds, different kinds of wood, tool sharpening and I had managed to take my pen making to another level. Folks now looked forward to getting them, and once opening the leatherette presentation box, usually cooed with an appropriately appreciative sounds as they caressed the beautiful wood and smoothly shaped comfortable pen or pencil set they held in their hands. But as yet there was no bowl and still lots of saw dust!

Determined as I am, the bowl had to be conquered! I read some more, attended a bocce ball making demonstration out in the open air, and pleaded for the master to give me some lessons. He was too busy, I was still immersed in the project of making a living, and we couldn’t connect.

So I tried it on my own. I must say that I still didn’t know what I was doing with chisels, wood species, and four-jawed chucks. I kept paying my dues, renting or buying videos/DVDs and turning out wood chips and saw dust. I blew out a few blanks, had chunks of wood become shop missiles, and decided to wear a protective face shield after having dinged my facial cheek with a major wood chip! (My blood color when exposed to oxygen is red!)

It was only after I began to share my bowl turning escapades on the Club’s electronic bulletin board that I was rescued by master turner and fellow club member, Vice President, Bruce Thompson. He actually invited me to join him for a hands-on session at his home. Bruce said he was willing to give of his time and resources to give me a few hints on how to make a bowl. It was enough to make a grown man cry! I didn’t know Bruce, I had no idea where he lived, and I didn’t have the foggiest notion about what he would be able to teach me in a few short hours.

But he did! He worked wonders (see picture). He and his wife and son welcomed me in their home, and putting up with my saw dust making, self taught (“inflicted” might be better word) bad habits, changed me into a “ribbon maker.” Now I know that when some of you read this little article, you will say to yourselves, big deal, what’s all the fuss about, but let me tell you, for me, that day learning how to stand, hold, roll, lift and control a chisel in a way that I had never experienced, was greater than John Denver’s “rocky mountain high” and far more satisfying than catching the 32# King Salmon I landed this past summer off Kodiak Island, AK. NO KIDDING!

What remains for me, in the words of this January’s mentor, “just practice a little and you’ll get it.” Okay Bruce, hats off to you, thanks a million and if there’s anyone out there who’s having trouble catching on, try to have Bruce stand at your elbow for couple of hours. No more dust for me, just a few chips and lots of ribbons! Thanks again Bruce! (Continued from page 5)
# MWA Treasurer’s Report

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<th>2006 Actual</th>
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## TREASURER’S REPORT HIGHLIGHTS

For year 2007 we stayed within budget in all areas. We ended with approx. $5000 because of conservative forecasting for programs and carry over money from prior years. Areas of large spending are maintenance and improvement of club mini lathes ($2400); video equipment ($670); newsletter printing and postage ($730); DVDs for the club library ($400). All our programming and professional demonstrations costs were covered by attendance and workshop fees.

Pam Johnson, Treasurer

## MWA Wood Sealer Program

The MWA is currently buying sealer in 55 gallon drums, enabling us to sell to our members at a fantastic price of only $10 per gallon. Our club could use a few clean, empty gallon jugs, such as windshield washer fluid jugs for bottling; bring some to our monthly meetings. This super bargain sealer is available at our monthly meetings, or contact the following for other special arrangements:

- Bob Jensen– Fridley 763-572-0525
- Ron Meilahn-Andover 763-862-2100
- Bruce Arones 651-433-5364

Please welcome our newest members:

- Neil Longhenry, Rogers, MN
- Sid Herrick, Litchfield, MN
- Duane Heng, Woodbury, MN
- Fred Poisson, Buffalo, MN
- Chris Meadows, Roseville, MN
- Steve McLoon, Roseville, MN
- Tom Savereide, Hudson, WI
- Dan Cordell, Minneapolis, MN
- Jim Northway, Hastings, MN

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![Hunter Tool Systems](https://www.hunterwoodturningtool.com)

 Razor-sharp, long-lasting edges for turners

www.hunterwoodturningtool.com
October 16, 2007, Tim Heil stepped up to the lathe at Industrial Electric Co. for the MN Woodturners demonstration meeting — relaxed and ready. As a long-time member of the MN Woodturners since that “Y2K” era, it was apparent in his easy manner that he was among friends with an equal interest in peeling wood. Tim was happy to share his skills and experience making handles for common tools.

Tim started making handles for the tools and files he used himself as one of those “necessity is the mother of invention” efforts. Examples shown to members caught thoughtful eyes and Tim was asked to show us all what he has learned. The first action Tim took up front was amazing! He dug into a box like a fox at a rabbit hole and brought up dozens of screwdrivers; all with hand-turned handles. Everyone in the room was gifted with a Heil screwdriver and each was unique in wood type or shape. He talked about the different woods as we all gazed at the evidence of his prolific ability to turn out tool handles.

He places the blank in an alcohol bath for about 24 hours, when it is removed and has dried to touch he puts wax on the cut end-grain and can store the wood block for about one year.

Turning at the lathe
Depending on your favorite handle shape, Tim directed eager watchers to round off the corners of the blank using a bull gouge. Tim likes to have a flat surface on at least one side of the handle so the tool can be placed down on a slanted surface without rolling.

Before further shaping the blank, Tim prepared it for receiving the octagon-shaped insert and shaft. First he drills a 5/8” hole for the insert using a Jacob’s chuck. He places a piece of tape on the drill to mark the depth needed after a comparative measurement.

(Continued on page 9)
TIP: During this procedure, make a pencil mark or notch on the surface of the handle where the insert depth ends (5/8” hole) and the screwdriver shaft hole continues (1/2” hole). This will be a visible guide on the outside of the handle where the shoulder cut for the collar should end. It provides you with both the size of the collar fitting and the placement of the shoulder seat. Then he did another comparative measurement for the length of the screwdriver shaft and used a half-inch bit to drill the hole, centering it into the blank. He likes to get these tasks finished before going further because the wood could split or break during drilling. He wouldn’t want to put a lot of work into the shaping of the handle only to have it break out during drilling. The final shape of the handle will be influenced by the length and depth of both these holes. Tim went on to talk about the collar and the two holes as he drew a side-view example on the white board. The drawing shows how the insert hole will determine the collar placement as the drill shaft hole determines the shortest length the handle can be, compared to what length you prefer.

Creating the neck area for the collar
Tim continued to demonstrate this next step in the process. He related that the collar can be purchased as a hardware part or can be created using a pipe length of the metal of your choice. “Make it as decorative or plain as desired,” Tim went on to say. “Keep the collar handy to measure against the depth of the insert marked on the outside of the handle and to judge shoulder thickness needed to seat the collar. The neck diameter should be ample and the shoulder should not be narrower than the collar itself,” Tim said.

Using the bull gouge again, narrow down the collar neck stopping to measure against the collar as often as needed.

Shape the length of the handle
Starting just behind the shoulder edge, Tim began to shape-down the handle with the bull gouge and shave along the handle length. He suggested switching to a detail gouge as the shaping progresses. Then, Tim compared the shape to one of his favorite handles. He suggested copying another handle of choice or using a freeform new shape from a drawing or picture.
Tim demonstrated a gradual transition from the collar shoulder to the main handle. He marked where he would be forming the bottom of the handle (seen here as a red line) and continued to form this portion in preparation for eventual parting from the blank. Heil advised that, “As you work over the handle, switch to a detail gouge and continue to shape by floating the gouge with a light touch; grading the surface to a finer finish.” Tim reminded, “…that the sharper your gouge is kept, the less time needed to sand the surface before finishing.”

Dry fit the insert, shaft and collar before final shaping and parting
The Heil handle was really shaping up then and Tim stopped the lathe to do a dry fitting of the insert and the shaft along with the collar. This is a stop-gap measure to be sure everything will fit right before he put the final touches on the shape and decoration of the handle.

After reassuring himself that all fits well, he replaced the handle in the lathe with the insert and collar remaining in place on the handle (removing the long shaft and tips). He penciled two guide lines around the bottom for placement of a burned groove. Tim then demonstrated how grooves were burned on some of the handles given out to the audience. He applied a piano wire at the bottom of the shaped handle. He went on to tell us about the various decorative cuts and shapes that can be added as the handle nears completion.

Parting the handle from the blank
Using a detail gouge, Tim shaped the bottom of the tool to a nicely domed end. When Tim was satisfied with the entire shape and as the questions and answers slowed down, he showed how the parting tool is used to separate the handle from the blank. He held up the finished handle.

Permanently mounting the insert and collar
Tim uses E-6000 glue to mount the insert into the 5/8” hole and lets it dry thoroughly before gluing the collar on the outside of the handle at the narrowed-down shoulder. He uses this specific glue because it is flexible and will expand and contract with the wood around the internal insert and inside the external collar.

Having fun with handle variations and finishes
As Tim Heil happily talked about handle variations, woods, and finishes for his handles, his slow, easy smile told of his enjoyment in experimenting with many different handles. He talked about putting a nut at the bottom of a turned handle by creating a mortis and tenon at the junction and adding another piece. He has tried many types of fittings for the collar or the base; things like hose ends, socket heads and gas fittings.

(Continued on page 11)
He talked about how the type of wood dictates the type of finish on the handle and it can be long and arduous as with Tung oil. He favors Walnut oil and has used mineral oil but relates that it will not dry entirely. He advises that many light coats are far better than one or two heavy coats. “It is all up to your preferences and ingenuity,” Tim said.

Heil offers his expertise openly and is willing to discuss turning tool handles at any of the meetings with anyone interested in learning more.

Photographs courtesy of Jim Zangl.

—Sharon Kadlec

Fig. 15 Handsome Heil handles for gouges
AL STIRT
Demonstration

Saturday FEBRUARY 9, 2008
(9:00 AM to 4:00 PM)
Fee: $20
Location: Minneapolis College of Art & Design (MCAD)
2501 Stevens Avenue
Minneapolis, MN  55404

The Minnesota Woodturners Association is pleased to announce that professional woodturner, Al Stirt from Vermont, will do a club demonstration and two days of hands-on workshops for MWA members. This will be an excellent demo to attend whether you are a beginner, intermediate or advanced woodturner. The cost is a very reasonable $20. Pay at the door. Parking is easy. Use the upper level of the ramp on the east side of MCAD.

Al Stirt’s Artist Statement:
I consider myself a “bowl maker” more than a wood turner because, although the turning process fascinates me, it is the resulting bowl that commands my interest. From the earliest times bowls have had meanings for people beyond the purely utilitarian. The bowl as vessel has a resonance deep within the human psyche. I have always thought of each piece that I make as a composition utilizing elements of pattern, line, weight, texture and form. Even in the most simple pieces I try to find a harmony of grain and shape. I seek a balance in my work between the dynamic and the serene. By playing with the tension created by combining the circle’s perfection with the energy of pattern I am trying to make pieces that have life. I use patterns, whether created by grain structure or organic fluting & carving or repeated geometric shapes, to develop harmony in each of my pieces. I find myself always looking for a new means of expression within the turned form.

I started teaching woodturning in 1978 when Albert LeCoff invited me to demonstrate at one of the turning conferences he and Palmer Shapless had organized at the George School in Bucks County Pennsylvania. Since then, I have given woodturning demonstrations all over the US as well as in Canada, England, Ireland, and New Zealand. I have taught hands-on classes at Anderson Ranch Arts Center, Appalachian Center for Crafts, Arrowmont School of Arts & Crafts, Brookfield Craft Center, Marc Adams School of Woodworking, Ernie Conover Workshops and many other places.

SATURDAY’S DEMONSTRATION will cover the following, as time permits:

Open Bowl - Balancing the Grain - focusing on roughing out bowls in green wood, drying & re-turning. Particular emphasis is placed on working with and aligning the grain to get a pleasing pattern from plain-grained wood. Tool use and holding methods as well as the drying process are also discussed. Fluted bowl - Layout of flutes and carving (using abrasives) a spiral fluted bowl.

Turned, painted & carved platter - Using dry wood, I will first turn a platter & then demonstrate a “sgraffito” technique of cutting through a colored layer to reveal a pattern formed by the color of the wood. I’ll show the use of reciprocal and rotary power carvers. Textured square platter – I’ll demonstrate turning, carving & coloring one of my textured square platters.

Critique - If people wish to bring in work we can have an informal critique & discuss (as a group) design ideas & how they apply to individual pieces.

30 to 40 minute slideshow of my work & influences.

HANDS-ON WORKSHOPS: FRIDAY FEBRUARY 8 AND SUNDAY FEBRUARY 10
For the hands-on workshops we plan to work on the sgraffito platter and the textured square platter. Al will demo one in the morning, and the students work on it. Then he will demo the other after lunch and they work on that until the end of the day. Sign up is now open. Advance registration is required. Email Dan Rominski at drominski@comcast.net The Fee for the Workshop for current MWA members is $75, pay at the door.

For a comprehensive look at all of Al Stirt’s work, visit his website at www.alstirt.com
Upcoming programs

March 4, 2008

**Membership Meeting**

**Topic:** Jeff Luedloff will demonstrate Fishing Lures and we will issue the next Club Challenge. We will also have the usual Social Hour, Wood Raffle, Library, and Show and Tell.

**Location:** Industrial Electric Company
660 Taft Street NE
Minneapolis, MN 55413
Link to [Map quest](#) for location
**Time:** Tuesday 6:30 to 9pm

April 1, 2008

**Membership Meeting**

**Topic:** Mike Hunter & Jeff Luedloff will demonstrate Hollowing with the Hunter Tools. We will judge the Fishing Lure Challenge, as well as have the usual Social Hour, Wood Raffle, Library, and Show and Tell.

**Location:** Industrial Electric Company
660 Taft Street NE
Minneapolis, MN 55413
Link to [Map quest](#) for location
**Time:** Tuesday 6:30 to 9pm

May 6, 2008

**Membership Meeting**

**Topic:** Wade Wendorf will demonstrate the Rose Engine Lathe. We will also have the usual Social Hour, Wood Raffle, Library, and Show and Tell.

**Location:** Industrial Electric Company
660 Taft Street NE
Minneapolis, MN 55413
Link to [Map quest](#) for location
**Time:** Tuesday 6:30 to 9pm

*Reminder* - Member meetings officially start at 7:00 pm. Space will be open at 6:30 for setup and socializing.

**Directions to:**

**Gary Novak’s**

Industrial Electric Co.
660 Taft St. Mpls.
1/2 block south on Taft off Broadway St.

Watch for MWA signs.
Calendar of Events

February 2008

9th Saturday - Al Stirt Demonstration
Saturday FEBRUARY 9, 2008 (9:00 AM to 4:00 PM)
Fee: $20
Location: Minneapolis College of Art & Design (MCAD)
2501 Stevens Avenue
Minneapolis, MN 55404
8th Friday and 10th Sunday Hands-on workshops Full details to come.
Email Dan Rominski at drominski@comcast.net to register.

March 2008

4th Tuesday - Fishing lures
MWA Club Meeting – Jeff Luedloff will demonstrate how to make Fishing Lures (Challenge)
Location: Gary Novaks Industrial Electric.

April 2008

1st Tuesday - Hollowing tools
MWA Club Meeting – Hollowing demonstration by Mike Hunter and Jeff Luedloff. Judge Fishing Lures. At Gary Novaks Industrial Electric.

Member helpline????
Do you have a woodturning question? Need help finding woodturning advice? Well, these members can help you! Contact for your woodturning related questions today!

Bob Jensen - 1woodworker@earthlink.net (763) 572-0525
George Dupre—gtdupre@centurytel.net (715) 448-3002
Jim Jacobs—woodmanmn@aol.com (651) 437-2302
Jim Zangl - Jim.w.zangl@healthpartners.com (651) 645-4696
Bruce Arones-barones@frontiernet.net(651) 433-5364
** Freedturning-related ads for MWA members. Commercial/non-member advertising $4.00/Issue per column inch. To place ad, contact Jeff Luedloff (jefflued@peoplepc.com) or (952) 496-1177

Ads will run for one issue unless you call to extend your ad for additional issues.

** REMINDER-2008 MEMBERSHIP RENEWAL

Your $25 annual dues for 2008 will be due no later than Jan. 1, 2008. If you have not renewed please send your $25 renewal check made payable to “MWA”, and mail to:

Pam Johnson, 3378 Heritage Ct., Stillwater, MN  55082

We will then promptly send your “Paid” ID membership card by return mail.

** SUPPLIER DISCOUNTS to MWA MEMBERS

The following suppliers offer special discounts to MWA members. To receive a discount you must be a member in good standing, and show your current membership card to the merchant.

** ABRASIVE RESOURCE
900 Lund Blvd #400, Anoka, MN 763-586-9595 or 1-800-814-7358
No showroom - Internet or catalog orders only.
Sandpaper, coated abrasives, rolls, clearance items - 20% discount
[www.abrasiveresource.com](http://www.abrasiveresource.com)

** ROCKLER WOODWORKING
Mpls, 3025 Lyndale Ave S 612-822-3338
Burnsville, 2020 W Cty Rd 42, 952-892-7999
Maplewood, 1935 Beam Ave 651-773-5285
Minnetonka, 12995 Ridgedale Dr 952-542-0111
10% discount on all regularly priced items, except power tools.
Wholesale lumber prices to MWA members.
[www.rockler.com](http://www.rockler.com)

** WOODCRAFT
9125 Lyndale Ave S, Bloomington 952-884-3634
10% discount on all items, except power tools.
[www.woodcraft.com](http://www.woodcraft.com)

** YOUNGBLOOD LUMBER CO.
1335 Central AVE, MPLS. 612-789-3521
Wholesale prices to MWA members.
[www.youngbloodlumber.com](http://www.youngbloodlumber.com)

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** FOR SALE

Jet 1442 lathe for sale with many, many accessories. See details at http://jimbolesdesigns.com/lathe

** FOR SALE

JET DUST COLLECTOR
DC-650 DUST COLLECTOR
Used, but in very good condition.
$ 75.00
Rick Sollie
952-446-9882
[richard_sollie@mchsi.com](mailto:richard_sollie@mchsi.com)