



MAWt Milwaukee-Area Woodturners

American Association of Woodturners WI Chapter since January 2005

MAWt eNews

Volume 9, Issue 1

Check out our website at <http://mawturners.com>

Happy New Year!

2014 Club Meeting Dates

Meetings are held on the first Monday of each month at Woodcraft of Milwaukee
14115 W. Greenfield Ave.

New Berlin, WI 53151

262-785-6770

6:30-8:30 PM

Upcoming Meetings:

January 6th, February 3rd and March 3rd

January's Demonstrator

Please join us at the January meeting as Ron Zdroik will be our demonstrator.

A Note from Ron...

Hi, I'm Ron Zdroik and I am 56 years young, and I live in Wauwatosa. I have been married to Julia 33 years. Julia has also turned quite a number of beautiful bowls and vases.

Vocation yes it is quite extensive & widespread but in the artist sense. I started in the printing industry and quickly faded into the graphic design business. I owned and operated a graphic design business for 20 years and now I am an illustrator for an intellectual property law firm drawing patents and trademarks along with numerous other ancillary duties. I am also a life-long fine artist in several mediums including acrylic, scratchboard, pencil, ink, pastels, and wood.

My shop is a small basement shop with equipment mounted on movable carts for better use of space. I own one lathe at this time, if I would upgrade it would be to a larger, sturdier lathe but my space is restrictions and me keeps my turnings small and Artist.

Thinking back, I started turning in the 90s but really got serious about 2 years ago just because I wanted to expand my artistic creativity with wood. What I really enjoy about turning is the creative and 3-dimensional aspect of using wood as a blank canvas. In addition, that's what I will show everyone at tonight's demo. "To Think Out Of The Box"

I dislike gluing up blanks to turn; I would rather be turning wood into something. If I remember, I think the first completed turned project I finished was probably a simple bud vase or weed pot.

One of my favorite individual piece that I turned was, my most recent one which is a blue-green dyed wood vase with acrylic airbrushed wings, titled "All That the Universe Contains". Even thou I have several favorite pieces, it always tend to be the latest item I turned.

My favorite forms that I turn are bowls and vases with my own artistic addition. They are never the same and everyone could be my favorite. In the future, I would like to do more artistic enhancements such as piercing and carving on my turning pieces.

When you talk about woods what do I like to work with is Cherry, Maple and even sometimes walnut because they are local hardwoods,

My words of wisdom to fellow turners is I always use this phrase when talking about my fine art but it applies to turning as well...Life is more than just vanilla, go out and experiment.

Wood turning Tips

Speed Zone

By Alan Lacer

What speed do I turn at? A number of years ago in a class at Arrowmont, someone asked the instructor that question. After some thought he responded, "well I guess it should go around." What an insight! On one level you might think he was being a wise guy, but on another he was close to the answer. You really can turn at a wide range of speeds-and do excellent work. However, there are a number of factors that one balances in choosing a speed, and this is why I have never been a fan of the "speed selection charts" that often come with your lathe.



Now we are into a red zone: large diameter (17"), heavy, out-of-round/balance, blank. If the lathe can handle such a piece, I progress from point just below vibration to a modest speed as it becomes more balanced. However, with a rim speed of 51mph at 1000rpm I never find it necessary to crank up much speed.

Stability of the Lathe

This is related to everything I have already mentioned: some lathes simply start shaking with almost anything on them! And vibration is a curse to the machinist and the woodturner: we will have a rough ride, quality usually suffers, and it raises safety issues if we don't have some degree of stability of the lathe itself. Also, some lathes have awful stands/legs, flimsy headstock spindles, headstock bearings that are too few, underbuilt or just too close together-all of these factors impact lathe stability and therefore the speed you can turn at.



When working small diameter miniatures you really can raise the speed to fairly high levels. However, I was getting clean cuts on this piece at speeds easily below 1000 rpm.

The rpm of the spindle is sometimes the least important number for me-and add the fact that even my most expensive lathe does not give a digital readout of rpm. No, the speed of the outside edge or surface may be far more telling in determining speed. (Comparison: the outer edge of a 10" table saw blade at 4000rpm is travelling at 119mph, while the 1/2" router bit at 25,000rpm is only travelling at 37mph). Simply look at the chart of rim speeds at different diameters, and see the dramatic differences. A miniature running at 1200 rpm may look like it is hardly moving, while a large bowl may overpower you and your lathe-which may place you into a danger zone.

Mass of the Object

The real impact of an object on the lathe is its velocity times its mass. So, a pen blank won't have a lot of force at 1800rpm-even if it came off the lathe-while the 14 lb wet bowl blank at 1800rpm can be lethal. The higher the speed the greater the forces-and at some very high rpm even the pen blank has real force.

Balance of the Object

Look at what a few ounces of lead in the wrong spot on a front wheel of your car can do: causes a two ton monster to shake and rattle at certain speeds. We have the same problem in woodturning: out of round, inconsistent densities of the material, or pieces with voids, can all lead to excessive vibration at certain speeds. And in reality, we may have some pieces that

never balance-forcing us to work at slower speeds than we may desire.

considerations in choosing a lathe if your interests are with bowls and vessels.

The Skill of the Turner

With NASCAR racing and woodturning, a true professional can often work at higher speeds. As your skill and control improve you can work at greater speeds. However, unless you are a production turner working on a piece rate schedule, high speeds are not really the answer-so be careful here, as even some production turners have had serious accidents related to speed. In most cases folks don't really care how quickly you made something, only how well it turned out.

The Material

I often hear it said that you get a better cut at higher speeds. Sometimes, but in reality there are still other factors related to the material that will effect the quality of the cutting action. The moisture content is one (generally the wetter the wood the cleaner the cutting action), orientation of the grain as well as consistency, grain direction (cutting against the grain or grain that wild and erratic causes problems), species (compare the cutting qualities of fir against pear-don't even seem like the same material, i.e. "wood"). Sometimes I do get a cleaner cut by raising the speed (you are getting more cuts per inch of travel)-but sometimes I do better by not raising the speed and only slowing my feed rate (I move slower, and thereby get more cuts per inch of travel). And add to this the question of tool sharpness-working at higher speed becomes a smaller component of the equation. Finally, too much speed can contribute to the problem of ribbing or chatter-when due to the material flexing or distorting due to rate of speed.

Recommendations for Choosing a Speed:

- First, be aware of the speed your lathe is set even before you mount a piece or turn it on! Some serious accidents have occurred by not heeding this warning. Next, weigh all the factors for a particular piece on the lathe, especially diameter and mass. And the less stable your lathe and the less experience you have, get the blank as close to round and well centered before turning-primarily an issue in bowls, platters, vessels and the like. For between center work, I saw off the corners when the diameters go above 4" -below that a large roughing gouge handles the "out of round" quite safely.

- It is always better to start at the slower speeds and gradually bring up the speed-not the other way around! In teaching beginners I miss one safety feature on many school lathes: to turn off the lathe you had to move the lever past the slowest speed-this created a situation that you could not turn the lathe on at a high speed. Therefore, the first speed you encountered was the slowest of that machine, however, this does raise the question: can you turn too slow? If the cutting action is "choppy" and labored, then speed up to the next level on your machine-if that next level leads to excessive vibration or a sense of being out of control, you may have to live with turning at a slower speed. And very critical, work at a speed that feels safe, controlled and comfortable for YOU.
- Finally, a sharp tool at the right cutting angle seems far, far more important than cranking up the speed to "do a better job."

Speed of Lathe - Turned Objects at Different rpm							
RIM SIZE outside dia.)		250 rpm	450 rpm	600 rpm	1,200 rpm	1800 rpm	3,000 rpm
	1/2" dia.	.4 mph	.7 mph	.9 mph	1.8 mph	2.7 mph	4.5 mph
	6" dia	4.5 mph	8.0 mph	10.7 mph	21.4 mph	32.1 mph	54.0 mph
	12" dia	8.9 mph	16.0 mph	21.4 mph	42.8 mph	64.2 mph	108.0 mph
	14" dia	10.4 mph	18.7 mph	25.0 mph	49.9 mph	74.9 mph	125.0 mph

Alan Lacer is a contributing editor to American Woodturner living near River Falls, WI.

This article originally appeared in the [American Woodturner](#) Issue Spring 2004 Volume 19, No. 1

Member's Journal

If you have a memorable woodturning experience or attended a memorable woodturning event, please submit a written summary for future publication in the e-News to Scott Kosteretz at skoz@wi.rr.com.

Member's Journal

If you have a woodturning challenge or question that you would like to put out to the membership for tips and advice, please submit your question and contact information for publication in the e-News to Scott Kosteretz at skoz@wi.rr.com.

Embroidered Club Logo Available

The club now has a source to embroider shirts with the clubs logo. Members need to bring their own shirt(s) to have embroidered. Cost will be \$12 per shirt. If interested, please contact Bonnie Amundsen at 262-574-0577 or bonam6@att.net.

Member Gallery

You are invited to bring up to two pieces that you have recently turned. This is a great opportunity to share the “lessons learned” during your turning sessions with other members. Your participation inspires and challenges other to grow in their knowledge and skill.

Wood Raffle

You are encouraged to donate wood and buy raffle tickets as often as you are able. Please bring wood that you would like to turn yourself. Your participation helps support the financial well-being of our club and is greatly appreciated.

Membership Process and Dues

Club membership is from January through December. New members that join after October 1 will not need to renew their membership until the end of the following year’s membership period. Dues are as follows (this can change without notice): MAWt annual dues: \$20.00 and AAW annual dues: \$48.00 minimum (see AAW website (www.woodturner.org) for member options). All prospective MAWt club members must be a current AAW in order to join. A copy of a current AAW membership card, or copy of the front cover of your AAW magazine that displays membership information, or copy of your on-line AAW membership application payment is required at the time of joining the club.

AAW membership benefits are:

- AAW Journal: American Woodturner
 - Published quarterly
 - High quality full-color publication

- Large circulation
 - Variety of articles
 - Current trends
 - Techniques
 - Critiques
 - Galleries
 - Upcoming events
- Local AAW Chapters - Parent organization of more than 300 local chapters in North America and around the world
- AAW Resource Directory
- AAW Symposium – discounted fees for members
- AAW Website (www.woodturner.org)
- AAW Forum (www.aawforum.org/vbforum)
- Educational Opportunity Grants
- Liability Insurance for Chapters – U.S. and Canada
- Business insurance available for U.S. members

Questions about MAWt and AAW membership? Please contact Carl Brust at: cjbrust1@gmail.com

Club Library

We offer our members a growing list of topical resources that can be checked out and returned at the following month’s meeting. Our library includes DVD’s, books, and magazines that address many aspects of woodturning. This is a popular member benefit and the lending rules should be respected and honored. For the benefit and enjoyment of all club members, it is important that you return all MAWt videos and other educational materials at the following month’s club meeting. To inquire about titles and check availability, please contact: Gary Datka, Club librarian at mawtlibrary@hotmail.com



New titles are add regularly to the club Library

Do you have overdue DVD's or books?



"Come closer... you made an oath with me to return your overdue family- I mean club materials at this month's meeting. It would be in your best interest not to delay any longer. Remember, I know where you live."

MAWt Membership

Our membership consists of both novice and experienced woodturners. We place a high priority on teaching and expanding each member's turning skills and knowledge of the craft. We encourage each member to freely share ideas, insights, and lessons learned as a result of their experience. Having fun and good fellowship is required at all club functions.

MAWt Demonstrators Wanted

We are seeking demonstrators that have an interesting theme or approach to turning, and have demonstrated sound technique and skill level. Please forward your suggestions to Charlene Dee at:

charsden@wi.rr.com

Member Services

Name tag or membership card requests or Contact information changes, such as: address, phone, email address, please send an email with your request to Carl Brust at cjbrust1@gmail.com

For Sale

Brand new stand for Nova DVR or 1624-44 lathe. Sells for \$289 on Amazon. See it there. Asking only \$200 for fast sale. Email

lawrence.r.tarnoff@gmail.com or call Larry at 262-681-1407.

If you have equipment or tools for sale, please submit a detailed description and prices by the 15th of each month and we will include it in the following month's eNewsletter. Please email your information to Scott Kosteretz at skoz@wi.rr.com

Member Supplier Discount Program

We are continually researching new woodturning resources that may offer our club members special discounts. If you have any suggestions, please contact Jon Behnke at [Jon Behnke <fetchitup@live.com](mailto:Jon.Behnke@fetchitup@live.com)
Current Supplier Discounts:

- Woodcraft (Requires AAW or MAWt membership card to receive 10% discount)
- Rockler (Requires AAW or MAWt membership card to receive 10% discount)
- Klingspor's Woodworking Shop (Club members receive 10% discount on all non-powered merchandise)

Suppliers and Resources

We are looking to add new woodturning websites to our "Member Resources" newsletter section. If you have discovered interesting and informative websites related to woodturning, please send an email to: Scott Kosteretz at skoz@wi.rr.com

Note: The editor has the right to include or exclude suggested websites based on space, relevancy, and club standards.



Manzanita Turning Burls

www.nativemanzanitaburl.com

CHOICE WOODS

Contact: Clay Johnson at 2801 Floyd Street, Louisville, KY 40209, 502-587-0777, 888/895-7779, www.choice-woods.com

"I only ship what I would want to receive"

Steve Russell's Lathe Talk

Free Monthly e-Zine: Steve Russell's Lathe Talk, a free monthly newsletter (e-zine) for subscribers of Steve Russell's "Woodturning Videos Plus" woodturning website. This newsletter will be delivered on or about the first of each month to the email address you indicated on your sign-up form. All back issues of this newsletter are available to subscribers.

Lathe Talk will offer tips and tricks to make your woodturning easier and more productive. I'll also show you ways to save money in your studio, so you can stretch your hard earned money. In addition, we will periodically offer subscribers only specials on our videos and e-books. To subscribe: Steven Russell
steverussell@woodturningvideosplus.com

The Woodworking Channel

If you haven't check this out, you will discover many woodworking video resources (Free to view) on this site including: A Wood working experience, AAW, Fine Woodworking, Intarsia and Marquetry, IWF, The American Woodshop, The Great British

Woodshop and more! You can find this at: www.woodworkingchannel.com

American Association of Woodturners (AAW)

International, non-profit society dedicated to the advancement of woodturning by providing education, information, and organization. www.woodturner.org

Woodturners Resource

This site includes: message boards, woodturning galleries, on-line video's, featured artists, websites, tutorials, projects and tips, event calendar, vendors and resources, and chat. www.woodturnersresource.com

Woodcentral

Woodworking information, discussions, chats, articles and sources for everything the woodworker needs. www.woodcentral.com

Woodturning Online

Woodturning Online offers turning projects, plans and articles for *woodturners* including information on bowl, pen and segmented turning using the lathe and more. www.woodturningonline.com

Around the Woods

Wood turning lathe instruction, tips and techniques for the beginner or experienced turner. Wood turning lathe tips, techniques and projects to add to your joy in turning. www.aroundthewoods.com

Woodturns

The Online *Woodturning* Community *Woodturning* articles, *woodturning* directory, *woodturning* artists, *woodturning* projects, *woodturning* tools, etc. www.woodturns.com

Mystic Burls

530-917-9642
mysticburls8@yahoo.com
<http://www.mysticburlwood.com>

Exotic Blanks

Ed Brown is now carrying Jason Swanson's segmented pen blanks under the brand name "Stripe Tease". For anybody who has admired

Jason's segmented pens and would like to turn one of their own, please check out Ed's website www.exoticblanks.com.

Notable Woodturners and Instruction

Nick Cook Woodturner... Artistic and Functional Creations

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

Newly Added!

Alan Lacer Woodturning

<http://woodturninglearn.net/>

Newly Added!

Woodcraft Classes

If you are interested in developing or expanding your woodworking skills, including woodturning, Woodcraft has classes for all skill levels. Please refer to your monthly Woodcraft flyer or request a class schedule during your next visit to Woodcraft. For more information, please call Woodcraft at: 262 785-6770

Classes and Events

Stay tuned for upcoming announcements



MAWt e-News Submissions

MAWt welcomes the submission of news stories, photos, calendar items, letters, announcements, or any other information that would be of interest to woodturners and relevant to woodturning. Below are guidelines for various submissions

Please include your name and contact information (either a telephone number or e-mail address). Please send the information in a timely manner. Remember to include as much pertinent

information, including the following:

WHO was involved?

WHAT was the event?

WHEN did the event occur?

WHERE did the event occur?

WHY was the event important?

Please send your e-News submissions no later than the 15th of each month. The editor has the right to edit or not to include the request based on space limitations or topics not relevant to woodturning. Please contact Scott Kosteretz at 414-852-3853 or sko@wi.rr.com

MAWt Committees

If you aren't on a committee, you are encouraged to volunteer.

- ❖ **Member/Guest Registration:**
Carl Brust and Tom Palaubecki
- ❖ **Meeting Set-up/Clean-up:**
All members
- ❖ **Library:**
Gary Datka
- ❖ **Photography:**
Don Boeck and Ron Nelson
- ❖ **Demonstrator Scheduling:**
Char Dee
- ❖ **Member Gallery Facilitator:**
President's pick
- ❖ **Wood Raffle Ticket Sales:**
Char Dee
- ❖ **E-Newsletter Editor:**
Scott Kosteretz
- ❖ **Membership:**
Carl and Pat Brust
- ❖ **Audio/Video:**
Steve & Bonnie Amundsen

MAWt Board members

Char Dee, President	(2012-2014)
Jim Swank, Vice President	(2013-2015)
Sandy Sheahan, Treasurer	(2011-2013)

Jim Andresen, Secretary (2012-2014)
Ron Nelson, Board Member (2013-2015)



Past Presidents / Board Member Advisory

Jon Behnke, Past President (2011-2013)
Jason Swanson, Past President (2008-2010)
Scott Kosteretz, Past President (2005-2007)

