

Turning Times

THE OFFICIAL NEWSLETTER OF THE CASCADE WOODTURNERS



OCTOBER 2020

Please make sure that all content for the next newsletter reaches me by the 30th of October! turningwood@bendbroadband.com Thanks!

NEXT MEETING: 6:00PM, THURSDAY, October 15th VIA NEW TECHNOLOGY

Presidents Message

President's Message: October, 2020

Happy October! I'm really looking forward to this month's meeting demonstrator – we have Rudy Lopez as our demonstrator showing us how to make a square to round vase. You may have seen Rudy at the 2020 AAW Symposium as a featured turner.

Please be sure to attend our October meeting on Thursday the 15th. We will have our usual show and tell, so please provide your photos to Harvey or me for sharing. As mentioned above, we will have Rudy Lopez demonstrating. Please remember that we discussed and agreed to start the October meeting at 6:00 PM to help accommodate east coast presenter. We will start the meeting at 6:00 PM, have our usual business, do show and tell then be ready for Rudy to start between 6:30 PM and 6:40 PM.

Phase 2 of the Cascade Online Auction went well selling over \$800 of donated wood and finished products from our own members as well as from Eric Lofstrom and Cindy Drozda. Thanks everyone for your participation. We are planning to run Phase 3 of the Cascade Online Auction in November. It should start on November 1st and end at midnight after our November 19th Cascade meeting.

We have had very good participation from members in our monthly Zoom sessions, but please contact Harvey or me if you would like a short, private Zoom meeting to ensure your set up works with Zoom. Just shoot either of us an email and we will set up a meeting and send you the link.

Cascade Woodturners likes to have a mix of professional, touring demonstrators and we like to showcase some of our local turning talent from CWT and nearby clubs. This year will be no exception, we have possible openings for local demonstrators for Spring 2021. If you would like to step up and do a demonstration or know someone from one of the local clubs that would be a good candidate, please contact me via email – my email address is listed below in this newsletter. I look forward to seeing each of you online on Thursday, October 15th at 6:00 PM, via Zoom.

Gary Borders
CWT President
Email: gbborders@comcast.net

CASCADE MENTORS

Need some advice on turning? Unsure of the correct way to sharpen that new gouge? Haven't got to an "Open Shop" session? Here are a group of experienced members that are willing to aid your turning experience.

Skip Burke (Mentor Program Coordinator)	(503) 233-4263	drgramp@comcast.net
Howard Borer	(503) 901-3401	howardborer@yahoo.com
Dave Gutschmidt	(360) 823-9835	dave.gutschmidt@mac.com
Mike Meredith	(503) 522-0531	mmeredith23@comcast.net

Anyone interested in mentoring other club members, please contact Skip to be added to the list. Additionally, The Cascade Website has a "Question & Answer" Forum in the Members Only section where any member can pose questions on any aspect of woodturning for comment and responses by any other member. This is a good way to share the wisdom and answers to issues with all other members, who may also have the same or similar issues. Sometimes having your pick from multiple solutions or approaches can yield the best results. Give it a try!

DALE'S CORNER

Open shop set for October 31st at Dale Larson's shop has been cancelled. With health officials recommending crowds from not gathering, it seems sensible to not pack 20 people into one shop. With that said, if any member wants help with chain sawing wood, band sawing wood, sharpening tools or some question about turning, please feel free to call me and we will set a time for you to come over to the shop. One on one is simply more relaxed and safer at this time.

Dale

SAFETY REMINDER

Randy Sent It To Howard Who Sent It To Gary Who Sent It To Me...

And I thank them! Now I'm sending it to you.



It's only about ten seconds long and it is really worth watching:

<https://www.instagram.com/p/CFCNUYRB3as/?igshid=auuga869p96b>

The hero of this short movie is turning a blank between centers. The blank appears to be about a foot long, maybe ten inches in diameter, and to have some bark showing. So it isn't huge, but it is a pretty big blank to be turning between centers, and likely pretty heavy.



Our hero appears to be using a standard, 4 prong drive center. Most of us have this kind of drive center because it generally works pretty well, doesn't cost very much, and often comes packaged with lathes at no extra cost.

I think this short movie is worth watching precisely because it is so short. In less than ten seconds the blank goes from spinning smoothly to flying out and upward into our hero's chin. I don't see any bouncing,

thrashing or vibration to warn our hero that he will be heading to the emergency room shortly. The blank just spins nicely, and then launches itself nastily into the turner's face.

Why did this happen? If you answer "our hero screwed up" you would be correct, but you would get no points. You only get points if your answer explains "how" our hero screwed up.

There are lots of things our hero could have done to reduce the risk that the blank would come flying off the lathe and into his face. It will help us understand how to reduce that risk if we understand "centrifugal force." While there are more "sciency" descriptions, for woodturners like me "centrifugal force" is the force propelling a spinning blank when it leaves the lathe and launches itself into one of the turner's tender parts.

If the centrifugal force is small, the impact on the tender body parts will be small. If it is large, tender parts can be crushed.

The formula for calculating centrifugal force is:

$$F=m*(RPM*2*\pi*radius\ of\ the\ spinning\ blank)^2/radius\ of\ the\ spinning\ blank).$$

I recommend that you *not* try to calculate this while your blank is spinning and you are wondering if it will launch itself from your lathe.

In fact, woodturners probably never need to calculate centrifugal force. All they need to remember is that centrifugal force goes up:

1. The heavier the blank;
2. The bigger the diameter of the blank; and,
3. The faster the blank is spinning (the "RPM").

And among these, the RPM is particularly important because centrifugal force goes up really fast as RPM increases (it goes up with the square of the RPM).

Practically, what does this mean? It means that, if you are turning pens, stool legs or other relatively thin spindles, your tender parts are likely safe.

But if you are turning bowls, urns, hollow-forms and such, you need to be particularly careful to make sure that the blank is held securely onto the lathe, and that you don't spin it too fast.

Watch the video again.

<https://www.instagram.com/p/CFCNUYRB3as/?igshid=auuga869p96b>

Think about what our hero should have done differently. Next month I'll give you my thoughts.

Turn safely and joyfully!
Harvey Rogers, Safety Officer

CASCADE FORUM

Q & A Forum for Cascade WoodTurners

The Website for Cascade WoodTurners now has a Question & Answer discussion Forum for all members to ask questions pertaining to woodturning issues, and for all members to respond with their thoughts and perspectives. Pictures can easily be attached to help clarify issues. By using this discussion forum, all members can reap the benefits of our member's wisdom, as well as appreciate that others may have the same issues and problems as we do.

Only Logged In members may enter questions or replies.

To access this Q & A Forum, once logged in, go to the 'Members Only' segment (in the horizontal menu under the 'Cascade WoodTurners Association' banner) and click on 'Forums', and then on the 'Q & A'. (Other forums are planned for our future)

Many different 'Topics' can/will be listed, with the latest topic entered at the top of the list. Members can select a Topic to read and/or Reply, or they can create a New Topic for discussion. For those members interested in these discussions, at the top of the discussion page, there is a 'Subscribe/UnSubscribe' button. By subscribing, the member will get an Email notifying them of additions to the Q & A discussion forum, either new questions or new replies, and then at their leisure they can review the new input.

We hope that this addition will be of benefit to all our members and help us grow our skills and the craft. Feedback and comments are always welcome.

Steve Walgrave

MEETING SCHEDULE 2020

DATE	DEMONSTRATOR	
OCT 15	Rudy Lopez	<i>Zoom meeting</i>
NOV 19	Brian Harte	<i>Zoom meeting</i>
DEC	No Meeting	<i>Merry Christmas</i>

** Plan on an all day demo and an all day hands on class following the meeting date

DEMOS - CLASSES – SEMINARS

-Due to the Coronavirus cancellations check to see if the MAC is open or if our woodturning stores are still open and having classes or demos-

Multnomah Arts Center: Multnomah Arts Center in SW Portland continues to have woodturning classes. Check their catalog or phone 503 823 2787. You can goggle their website for the catalog. Jerry Harris and Russ Coker are again teaching woodturning at "Multnomah Arts Center". If you are

interested, please contact Multnomah Arts Center at 503 823 2787. The cost is very reasonable and all tools, wood and equipment is provided. The woodturning classes that I teach at the Multnomah Arts Center in SW Portland continue to be only partially filled. There are 6 places and we have only been having 2 to 4 students. The costs for the classes are very reasonable and we provide tools, equipment and wood. No coffee but Starbucks is just across the street. Thanks, Jerry Harris

Rockler Woodworking 503-672-7266, www.rockler.com

- Contact store for class details

Woodcraft 503-684-1428, www.woodcraft.com

- Contact store for class details

Woodcrafters 503-231-0226, 212 NE 6th Ave, Portland, www.woodcrafters.us

- Contact store for demo details

COMPANY STORE

The Store will be carrying a second type of Sheet Abrasive for our members.

Keeping the Klingspor quality while offering a new line of sandpaper. Which will reduce your cost of sandpaper and decrease your lathe time. We are currently offering Silicon Carbide (wet and dry), as of the next meeting you can purchase Aluminum Oxide in sheets of 9" x 11" and 80 to 400 grit.

Through the club, we purchase many items that are commonly used by woodturners. We buy in bulk and sell at cost. Just another benefit of being a member of Cascade Woodturners! If a number of members want a certain item, we could be low on it. Please contact Russ Coker, (503) 701-2508 racoker@comcast.net a week ahead of the meeting so he could verify it is not out of stock and set it aside for you. *During the Coronavirus interruption, Russ can supply sandpaper, glue and walnut oil from his abode. Call and discuss the transaction.*

Price List

Sandpaper	
Black KL 385 J-Flex Heavy cloth backing	
80 100 120 150 180 220 240 320 400 600 grits	1.50
White PS-33 paper backing	
80 100 120 150 180 220 240 320 400 grits	0.80
4" x 6" 12 Pack Sandpaper (1/4" sheet)	2.50 Per Pack
Cyanoacrylate (Ca) Glue (2 oz)	7.00
Thin Super Fast EM-02	
Medium EM-150	
Thick Gel EM-2000	
Medium Thick EM-600	

Ca. Accelerator (8oz) pump spray	9.00
Large Ca. Glue (16oz)	33.00
Super Fast Thin EM-02	
Gel De-bonder (2 oz)	7.00
Anchor Seal #2 (1gal)	8.00
Walnut Oil (16oz)	4.00
Tee shirts currently out of stock – Reorder can be made for quantity orders	
Tee Shirts	\$10.00 ea

CLASSIFIEDS

To place or continue an ad, contact Jerry Klug at turningwood@bendbroadband.com . We will run ads in the next newsletter after receiving your ad. Let us know if you want your ad continued more than one month.

WOOD: My families long stored this Holly wood cut from a tree yard many years ago and stored in the basement there's only about five pieces left approximately 6 inches across 15 inches long. I would be happy to give it to somebody who could use it in the way it deserves. I live in Northwest Portland near the Fremont Bridge rachel-hibbard.net 3139 N. W. Vaughn St. 503 754-5417 text please

FREE: Freshly cut english walnut for free! Bill Daudistel sends the following information about some free, freshly cut english walnut: A neighbor of mine cut down two large english walnut trees last week. The wood is available to anyone who wants some. If anyone is interested they should send him a text at 360-823-7108. His name is Mark, and is located in Hockinson, which is a little south and east of Battle Ground. There are three piles of branches similar to the one in Photo #1. Their lengths vary from a couple of feet to about ten or twelve feet long. (Bring a chainsaw.) The diameters are anything from 5-8 inches to 12-16 inches.

CASCADE WOODTURNERS OFFICERS AND CONTACTS

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CASCADE WOODTURNERS SPONSORS

Support of the sponsors listed helps maintain our hobby supplies. Remember that your current membership card is good for discounts at these firms

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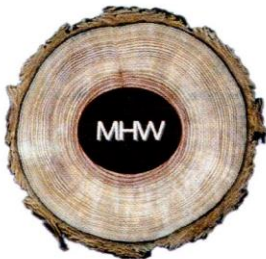
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