

Hello all. Here are the meeting minutes from our meeting on May 16, 2019. I hope to see everyone at our next meeting June 20 meeting. (06/20/19)

Corridor Woodcrafters Club Meeting was held – 6:30 May 16, 2019 at the Cherry Building
in the basement 24 members attended

Near Misses: None, keep up the good work!

New concepts/ techniques: None

Member comments: Problems/Questions for club members input:

Larry Atwater requested some assistance in the building of a blanket chest for a wedding gift and Tom Nehl volunteered to help

Don Coleman – Rebuilt his dust collector with a new pleated which cost about \$220 but it works great. The canister he got is for Jet vacuum or others, by Wynn Environmental.

www.wynnenvironment.com (215)442-9443 you will need the inside diameter of your collector to order.

Larry Atwater- On the topic of dust collection asked how many that don't have dust collection wear a mask. A great deal of us have dust collection. And no one really spoke out saying that did not use either. As inconvenient mask may be, the dangers of exposure to fine dust are very real, they can lead to dust related allergic reactions or chronic breathing issues than can not only limit your woodworking but shorten or end your life. So, wear a mask, with or without dust collection. It is the fine dust that the collector and the filter may miss that will cause you problems. On a side note to this I was surfing the internet the other day and I came across a video or an article that mentioned cocobolo as one wood you may want to stay away from. It is a beautiful wood but has higher allergy properties than others and there are case of people who have developed life threatening allergic reactions for not only prolonged contact with the wood, but single contacts with the dust as well. It can also trigger allergic reactions involving other and potentially all wood products. This is especially of concern for those of us who have already developed sensitivities to woods like Walnut and Cedar and probably not worth the risk.

Mark – is looking for a chart on router bit speeds that not only shows the speeds for different bit diameters, but for different wood species as well. It was suggested to check the internet or woodworking articles for a chart. I added a couple I found, but I don't think they are what mark is looking for. Most of these charts are for the safety aspect regarding the bit speed. What I think Mark is looking for is in relation to the desire to eliminate burning, which in my experience has more to do with feed rate. However, Grant Jager, brought up a good suggestion about his. He uses masking tape to reduce wood burning on a router table. A tip he got from Fine Woodworking. Tape is placed on the fence, making your initial, nearly full depth cut a couple thousands of an inch shallow. Then the tape is removed for the final cut eliminating any burning. The tape can also be placed on the edge of the workpiece where the bearing would ride for the initial passes, then removed allowing for that final skim cut.

Router Speed Calculator

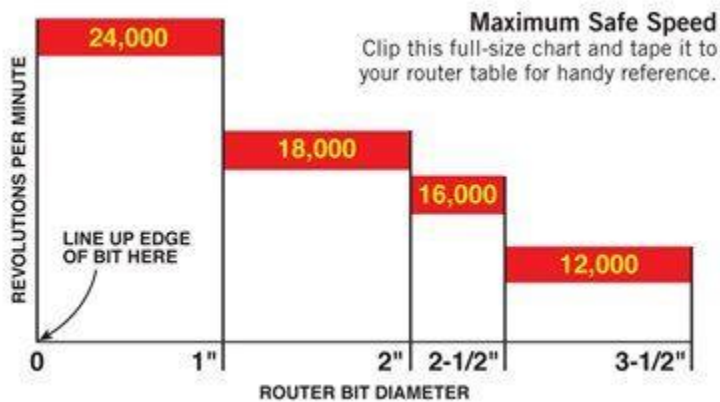
Feed speed (Inches/min)	120
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2 Flute Cutters.

Chip load	Speed (RPM)	Dewalt dwp611 Setting
0.002	30,000	To Fast
0.003	20,000	3.1
0.004	15,000	0.7
0.005	12,000	To Slow
0.006	10,000	To Slow
0.007	8,571	To Slow
0.008	7,500	To Slow
0.009	6,667	To Slow
0.010	6,000	To Slow
0.013	4,615	To Slow
0.020	3,000	To Slow
0.025	2,400	To Slow

Suggested chip load for common tool diameters.				
Material	Tool Diameters			
	0.125	0.250	0.375	0.500
Hardwood	.003/.005	.009/.011	.015/.018	.019/.021
Soft Plywood	.004/.006	.011/.013	.017/.02	.021/.023
MDF/Particle board	.004/.007	.013/.016	.020/.023	.025/.027
Hard Plastic	.002/.004	.006/.009	.008/.010	.010/.012
Soft Plastic	.003/.006	.007/.010	.010/.012	.012/.016
Acrylic	.003/.005	.008/.010	.010/.012	.012/.015
Aluminum	.003/.005	.006/.008	.006/.008	.008/.010

From Precision Drive Systems web page.
<http://www.pdsspindles.com/engineering-speeds>



Shop Tips /Trick

Look around your shop for those little things that you may have or have made that make woodworking easier. Then bring them in to share.

This month Chuck showed a disposable knife that he uses as a scraper.

Show and Tell:



Show and Tell

Grant Hager made this Kleenex Box from White Oak and Walnut scraps. The Walnut scrap medallions are made from left over end cuts from mitered picture frames. Nice way to recycle and adds a nice touch.



Jim Westphal made this child's chair out of Poplar. All the paint was applied pre-assembly. Now there is attention to detail. Beautiful work



Plant Stands

Larry Lubbert made these floor plant stands out of Poplar and then stained them with a Gel Stain and top coated with Danish Oil. He made two sizes and the disassemble for storage or transport, thanks to half-lap joint in the center cross section. These were a complete hand tool project where the tapers on the legs were made with Larry's newly purchased joiner plane. Larry said he found these in Pottery Barn for \$100 and decided to make them for his daughter. Nice Job Larry, I may have to give this one a try myself.

Vern Rotert made another beautiful box for a wedding gift. A Walnut frame surrounds the Salted Maple raised panel top. Maple sides with Walnut corners really make this piece catch the eye. Vern finished with Poly and is Cedar lined. Vern said this started as a Cedar box and evolved to this finished product. Vern made two of these. He may have them on the website by now.



Here is a look at the inside of Vern's creation.



Philip Lashmit brought his circular saw guide in for us to see. These are super handy for breaking down sheets of plywood, straightening edges on boards and a lot cheaper than a track saw. It is just scrap piece of plywood with a guide piece on the top. Philip said he glued and screwed the straight edge guide piece in place. Philip said you have to remember to make the guide piece wide enough that the saws motor housing has enough clearance. Once the guide piece is in place the one cut with your circular saw gives you a guide where the edge of the guide and be laid exactly on your cut line. No more measuring to figure out where to clamp the straight edge. Larry commented on this saying that it is a good idea to only screw in the guide piece that way you can move it over when the edge gets damaged. A good addition to any shop . Thanks for sharing.



Glass on Wood

Adrianna Arango made these art pieces. The bases are sotted Hard Maple finished with wipe on poly, The curved glass art is set into the wood base, made possible with a curved groove made with a router and custom template. Vern assisted with groove for the base. She was nice enough to bring the template as well for us to see. All I can say is beautifully done.



This last show and tell project is a planer leveling jig made by Vern Rotert. It is a design made from a Woodsmith weekend project. It is used to flatten twisted or otherwise uneven boards. The bars beneath the work piece are adjustable giving support to the piece can be ran through a thickness planer, flattening one side. This is great for those boards that are too wide to face joint on your jointer, or if you don't have a jointer this would be faster than flattening by hand.

Raffle Winners:

Grant Hagen – Show and Tell

Glibert Trapp - \$10

Andy - \$20

Tom Nehl - \$30

Presentation:

Somehow I managed to loose my photos of the presentation

John Schwartzkopt presented joinery

This month Johns spoke with us ways to add strength to butt joints. He expanded on a portion of lasts months presentation when Jeff spoke about the use of dowels when making his doors. Adding some tips learned after making a lot of doweled, domino, biscuit and other joints such as:

1. Tape small pieces together for doweling.
2. Use the correct drill bit. A brad point bit works best.
3. Using a flashlight will help see the layout line when aligning the doweling jig.
4. Put your glue in the holes and not on the dowel or loose tenon. This allows the glue to go down into the hole as apposed to being scraped off as the dowel or tenon is inserted.
5. Biscuits work great on plywood.
6. Use scrap pieces for set up
7. Dry fit before you glue

John showed us his Domino machine and added that a router can be used to make the mortises if you don't have access to this expensive tool. If you do use a router, he says to use a spiral up cut bit and a plunge router with stops and cut the mortise in stages. Not using stops caused the bit to plunge down too quickly.

A biscuit jointer can be also used the enhance the strength of a butt joint. John says he never has any luck with the fences on these machines, so he doesn't use them and indexes off the top of his bench and sometimes uses shims.

Announcements/ things to remember and look forward to.

Club President Chuck Grabill previously announced Presidents challenge. President's challenge for this year with all participants added to a drawing for \$100 prize at the Christmas Party. The challenge is pretty simple, just make something, anything you want using box joints, through dovetails or raised panels. You can use just one of the joints or a combination of joints. Bring your completed project to show at the Christmas party in December, exact date to be set at a later time.

Next month's meeting is Thursday June 20,2019 at 6:30 pm in the down stairs Cherry Building. If you have mobility issues and need the elevator let John, Vern, Chuck or me know and we will help you out. The easiest way (least stairs) to get to the basement is to enter front the door on the west side of the Cherry Building and go down the short flight of stairs off to your right as you enter.

Next month's presentation/demo will be Jameel Abraham on sharpening and tool set up. This should be a good one.

We will be adding a short 5-minute presentations we are calling 5-minute Fundamentals Vern will be speaking on sanding grits. WE are hoping that some of these 5- minute presentations will lead into more in-depth presentation/ demonstration at a shop tour or later club meeting.

Next Board meeting is currently not tied down, it was scheduled for June 25 at Vern's house at 6 pm. But due to some scheduling conflicts will be moved,

Club dues of \$25 per year were due in January. Please pay dues if you have not done so. I will be modifying my email list for members soon.

We have club mentors listed on our website. If you are interested in being a mentor on any subject, please see Vern to get added to the list. Check out our new website and hopefully our Facebook page will be fully operational soon. CorridorwoodCrafters

Wood Fest is coming up, August 23-25 . Vern has submitted our registration form already. Please consider making some small items to be sold at Wood Fest to support the club. This is also a great time to show off something you have made as we always like to display members items to show the fantastic work member do. Items that will sell for \$10 or less are best. Some suggestion for items to make for the club to sell are: Wine bottles holders, Trivets, Oven Hooks, spoons, Flower pot holders or anything else that is quick and does not take a lot of material that can be sold cheap. We also need to plan for some sort of demonstration for Wood Fest. One item we are considering as a possibility for this is a game made on the drill press. I will let you know more when I get a better understanding. I f you have ideas or another input, please let us know.

July meeting will be our annual swap meet, location is yet to be nailed down. This should be July

Johns Schwartzkopt has requested that anyone who worked in the Cherry building , during the early years and would have photos of stories to share to contact him. The Cherry Building is having their 100 year anniversary. john@johnsawdust.com

Please remember we have expanded our show and tell portion of the meeting to include shop aids, tips and jigs. So, feel free to bring a tip, jig or shop aid to share.

Please visit the Club Web Site: <http://corridorwoodcrafters.org>

Please send us pictures of your work for posting and also your thoughts on how we can make it better. Vern Rotert is your point of contact for the website.

https://www.facebook.com/CorridorwoodCrafters-2335603519994358/?ref=your_pages

Next Monthly Meeting will be Thursday July 18 at 6:30 at the Cherry Building

Next Board meeting Tuesday May 21, 2019 at Vern's home. 6 pm

In the word of Roy Underhill , May the grain be with you.