

## Welcome

**President Jay Stearns** welcomed everyone to the August 2020 NTWA Zoom meeting. A discussion ensued about why we're not getting as many on the Zoom meetings as we'd like. It was decided to put together a "Best Practices" about connecting to Zoom and the various options available.



## Announcements

PayPal has been set up to accept dues payments thanks to Neal Pappion. Ed is now able to process dues payments electronically.

Elections: Steve Yauch made the motion to accept the slate of candidates as emailed. Seconded by Chris Kersey. Passed.

Neal Pappion stepped in as the Program Chairman.

## Shop Questions

Dan Nilius commented about his question regarding straightening a bent bandsaw blade. He said he straightened about 6 teeth and put it

back in service and it worked great. Unfortunately, he had a jamb trying to cut a bowl blank and broke his straightened blade.

Chris Kersey is upcycling an old 1940ish Victrola that has missing veneer. He plans to use chalk paint to cover parts as well as keeping the original finish. He is curious about using Bondo to fill the voids since he's painting rather than filling with veneer. Some suggestions were to use epoxy or just feather the edges in. He asked about using PSA veneer, but the general consensus was that it would be a bit thicker and might not work well with the paint covering. Bondo will certainly stick and would be easier to sand than epoxy. Since he's painting it, the Bondo will work just fine.

Jay Stearns is looking for a way to keep his drawers from sticking, uh that is his box drawers....., due to the finish he's used. He asked if anyone has used tung oil. Dale Smith says he has used it with great results. Jay has tried wax which is found to be just a temporary fix.

Dale says he applies tung oil using super fine sandpaper, 1000 grit; rubbing it in several times, wiping it down and letting it dry real good (usually overnight). He repeats the process 6-8 times. You can't let it dry during your application or it thickens to the point it is difficult to remove.

Ron Giordano also suggested using low friction tape to make the drawers slide easier.

Bodie Pyndus asked about making tongue drums and if anyone has any experience with them. Apparently no one has.

Dale Smith asked about wood burning using electrodes. Chris Kersey said some people are using old microwave parts and when he looked into it he said it scared the crap out of him. Very high voltage making them dangerous; as high as 35,000 volts. Dan Nilius said he saw a video of guys using a neon sign transformer.

Neal Pappion showed that several dues payments have already been made through PayPal. To use this service you must have a PayPal account of your own. Once you're in your account, use the email [dues@ntwa.org](mailto:dues@ntwa.org) to make your payment.

## Show & Tell



Jim Polanco had issues with dust collection on his bandsaw so he added the auxiliary hose to draw dust from under the table. He used a Tee connector, not a wye, so it would fit closer to the bandsaw cabinet. He also had to restrict the flow into the 4" hose by adding a ½ circle of plywood to the inside of the port. This is a more permanent and less expensive solution than a blast gate. The picture on the bottom right shows the pieces needed to make the connection in the picture on the upper right. The crevice tool attachment in the background has a slot cut into the side for blade clearance and you DO NOT want to block off the end of the tool to insure adequate air flow to remove the sawdust.



Gary Turman showed off his bright idea – EVISWIY with 30 led lights. They are 110V, only pull 6W, have a magnetic base and a flexible neck. You can pick up a pair of them on Amazon for \$16.00. Although they were originally intended for sewing machines, Gary says they work great on his lathe and miter saw.



Sidney Futrell helped guide his grandson on an Eagle Scout project for a play yard for his church. The bridge is 8' x 4' and uses treated lumber with Trek planks for the walk.



Dale Smith turned this bowl after taking a refresher bowl turning class. It is made from cedar and uses blue-tinted epoxy to fill the voids. He says the class really helped him understand tool sharpening better.

Dale also showed off his first "River" table. He used a cedar plank with live edges and joined them using blue-tinted epoxy. The base of the table is from an old wicker table that he's repurposed.





Explaining the process he used to fill the center with epoxy he said it was a real learning experience understanding the differences between shallow and deep pour epoxies as well as how to pour in several layers. Several members offered ways to reduce the amount of epoxy and the time it would take to do his next one.

Greg Merrell, with the assistance of his 5-year-old granddaughter made this kid-size picnic table for her and her brother. Greg said she did great on whole numbers but hasn't learned fractions.



They used three 8' pieces of deck board which is 1 1/8" thick 5 1/2" wide.



Dan Nilius turned this bowl from flaming box elder. He used walnut bowties to hold the cracks together. Dan installs the bowties while the

blank is still square which simplifies the process immensely.

He also made a 24" x 18" x 18" tall cedar table. The joinery is wood dowels since his wife does not want screws, nails, etc.



Jay Stearns entered 4 projects in different categories for the Texas State Fair. One was one of his bird houses – a Wizard complete with a mother-in-law apartment on the side and a window on the side of the Wizard's head.



Jay's second Show & Tell was this nautilus shell box made from walnut



with buckeye burl drawers. All the drawers have multiple layers of course. He flocked the drawers for this box before he applied the finish which will be tung oil.

## Program

Neal Pappion ran through a PowerPoint presentation on a hand-held CNC machine as an example of what he hopes to accomplish as program chairman by bringing in various vendors to demo tools and equipment.

The Shaper Origin is a hand-held CNC that uses a visual marker system to guide it on your work piece. The advantage of this CNC is that you are not limited by the size of your machine's bed.



One advantage of using Zoom meetings is that an attendee can share their screen to show a video, pictures or a PowerPoint presentation. Neal showed this YouTube video of the Shaper Origin: <https://www.youtube.com/watch?v=0clzXWSaCw>

The cost of this machine is in the \$2500-\$3500 range which is comparable to fixed bed units.

The layout tape runs \$18.00 for a 150' roll from multiple suppliers including Rockler.

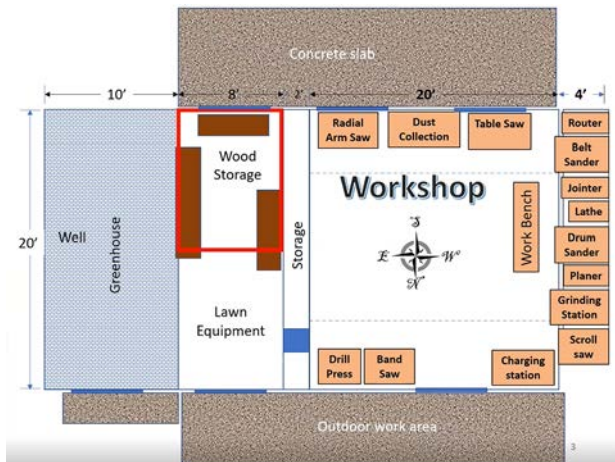
## Shop Tour

Dale Smith took us on a virtual tour of his amazing shop. Starting with an 8' x 10' building, Dale soon realized it was inadequate to house his yard tools and his growing collection of woodworking tools so he added a second 8' x 10' giving him 8' x 20' of space. He eventually added a 20' x 20' building adjacent to the 8' x 20'.

## Evolution of the Workshop

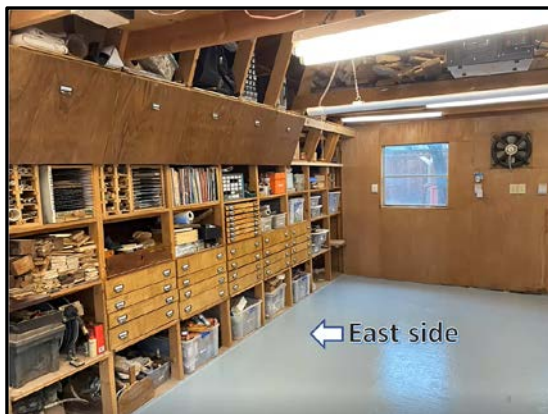


Here is a layout of Dale's workspace:



The 4' space on the right was added by pushing the wall out and is used for equipment storage. Dale has all his equipment mounted on casters to move where needed whether it is inside the shop or to one of the outside work areas.

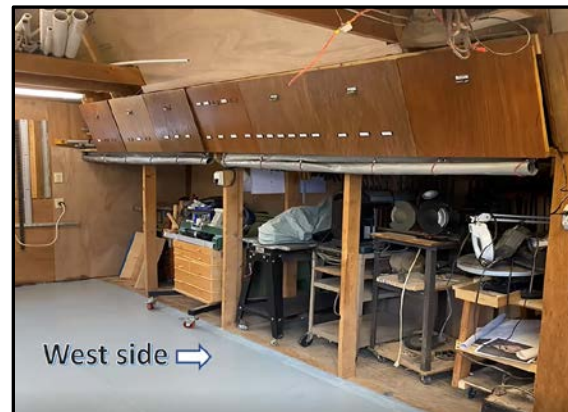
The east wall is the original 2' of storage between the original shops and the new 20' x 20' shop. The shelves, drawers and bays allow him to organize all his supplies, nuts, bolts, library and miscellaneous items.



The back of the shop has some of his larger pieces of equipment.



Moving around the shop to the west side shows the equipment storage area (the 2' that was added on by pushing out that wall).



The equipment storage has drop-down dust covers to keep this equipment clean when working on projects. Note the bays above this are to store smaller equipment and tools. The doors are held in place with magnets and drop down

The north side of the shop has the entry door. Dale makes use of drawers everywhere he needs quick access to frequently used items.





More storage on the west wall.

Dale's work bench is mounted on casters like all his equipment which allows him to move it not just throughout the shop but outside as well.



He also uses a worktable where he lays out all the tools he needs for a given project. Once the project is completed he returns the tools to their proper place.

Other equipment in Dale's shop:







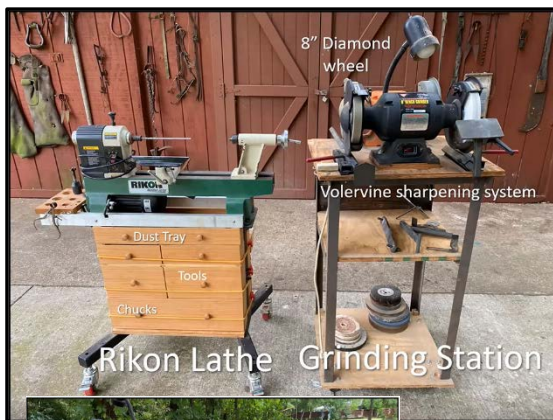
Scroll saw



Rikon 14" Band Saw



Central Machine



Rikon Lathe Grinding Station

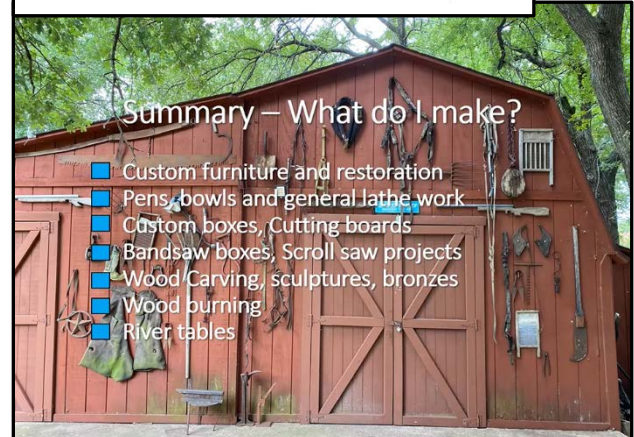
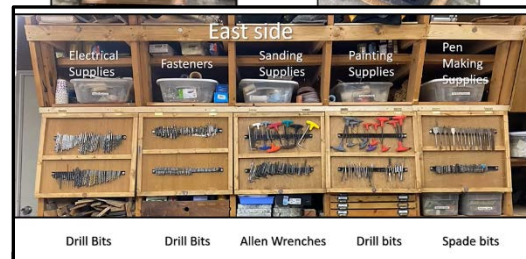


Wire wheel Buffer



Oscillating Sander

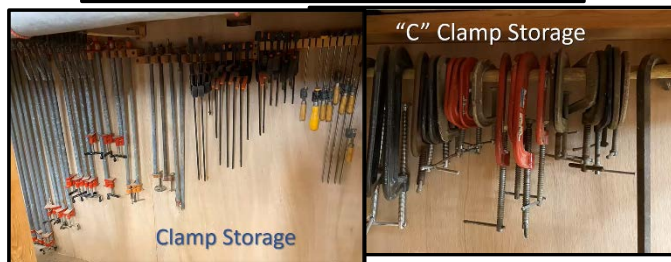
Belt Sander



Summary – What do I make?

- Custom furniture and restoration
- Pens, bowls and general lathe work
- Custom boxes, Cutting boards
- Bandsaw boxes, Scroll saw projects
- Wood Carving, sculptures, bronzes
- Wood burning
- River tables

**Next meeting will be a  
Zoom meeting on  
September 15th.  
Watch for the email**



Clamp Storage

"C" Clamp Storage

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