



Plane News

Woodworkers of Central Ohio

From The President - CHARLES MURRAY



Safety should always be foremost in our thinking every time we enter our shop. Thanks to the “ugly jig guy” (aka, Jim Walters) and Lou Gatch, we had a lively exchange of ideas and jigs getting all of us thinking about safety.

Over the years I've heard it said that a “sharp tool is a safe tool”. This old axiom is true for both hand and power tools. When you have sharp knives in your joiner or a good sharp blade on your table saw, less force is required to push the material past the cutting edge making it less likely that you will slip and have an accident. The same holds true with hand tools, if less pressure is needed while using your chisels or hand plane you can concentrate on what you are doing.

While the sharpening of today's carbide tip saw blades and router bits are best left to the professionals, your hand tools and some power tools can be done by you.

At our upcoming meeting, a variety of old and new technology will be demonstrated. As an added bonus Ruth will step from behind the counter and demo two of the latest systems made by *WorkSharp* (WS-2000 and WS-3000).

If any of our members have a favorite sharpening jig (either one you have made yourself or bought) bring it in, along with your questions and sharpening.

Raffle

Raffle tickets, at a \$1.00/ticket, will be available for the following prizes:

1. Book – *Guitar Making, Tradition and Technology* (donated by Geoff Davis).
2. Universal Fence Clamps (donated by Ruth Thomas).
3. Spiro Crafter (donated by WoodWerks).
4. One year subscription to *Popular Woodworking* (donated by Chris Schwarz, editor of *Popular Woodworking*).

Cell Phones

Please make sure your cell phones are turned off or on vibrate during the meetings.

Name Badges

As we have so many new members please wear your name badges. This will help all of us feel more comfortable talking to new members.

Thanks Charles Murray

Mark Your Calendar

MEETINGS START AT 8:30 a.m.

November 10th - Sharpening.

January 12th - 14th - Columbus Wooding Show

January 26th – Carving with Brook Smith (Please note the date change)

March 8th - The State of Tools Ron Damon of WoodWerks

May 10th - - Woodworking of Yesteryear

Bill Harsh----- 12 Sets
 George & Joan Whited-----12 "
 Total to Date-----24 “



Please fill out the count sheet at the entrance of the mtg. room each time you donate risers to insure credit and 1 ticket for each set for the end of year drawing. Please continue to pack and **TIE** each set in a plastic grocery bag to maintain each sets integrity. We are always looking for 2" x 6" cutoffs for this project.

The drawing for the risers is on our web site.
 Thanks for your community concern.

Lou G



WOCO 2007 Holiday Toy Program

Shhhhhhhhhhh!!!! Santa is on the way. Have you done your part to load his sleigh???? We will be finding out on the 13th of December. That means that there are only 33 days until the annual WOCO

Christmas party at Berwick Manor. It also means that you still have time to sit down and create and make some toys for this year's program. The toys don't need to be fancy, complicated or expensive. The children of the agencies that we donate to are appreciative of the love and craftsmanship that you all have demonstrated in the past.

Our toys are just not toys but the agencies tell me they become cherished heirlooms and from what I have seen they couldn't be more right. If you need wheels and/or axels just give me a call and I'll bring them to the next meeting.

For those members who cannot make it to the dinner please either bring your toys to the November meeting or drop them off at my house and make sure that I know your name, number of toys and what they are so that I can continue to keep accurate records of this year's drive. I would strongly urge those new members who have never attended our annual party to come, bring your spouse, and be prepared to have a great evening with friends and fellowship and view the spectacular array of toys. Again the five agencies who will be receiving the toys again this year are The Salvation Army; Alpha Athletic Club; Gladden Community Center; St. Vincent Family Center; and Kids N' Kamp (children's cancer program).

Again any questions please give me a call at 614 766-5935.

Chuck (The Toy Man)



Mechanich (sic) Exercises

A lot of you roll your eyes when some of us begin to talk about hand tools. I understand power tools can achieve amazing results. It was a natural progression to increase productivity by the creation of power tools. However, some issues are not addressed by the use of these tools. For example, you can take a piece of gnarly, cross-grained, twisted white oak, send it through a spindle-head shaper and come out with a beautiful piece of rim molding. At least something, that looks like trim molding. However, it may not act like molding on a rainy day. Now what does this have to do with hand tools? Hand tools expose the imperfections in wood more than power tools do. When I am pushing a molding plane down a maple board, one little knot will not only ruin productivity but tear out wood and ruin the entire project. Using a router (RAUDAH) to defeat such imperfections, like knots and cross-grain warps, only hides the fact that they still exist.

Historically we have always sent woodsmen (wood wrights) out to the forest, or tree farms, to select trees that will produce the most usable board feet or other unique wood features, such as tiger stripes, rays and birds eyeing. It is a dying profession. His goal is to please the millwright by choosing the most suitable trees for production. Then the millwright's job is to turn these trees into nice, straight, stable lumber. The better the tree, i.e. straight bole (trunk), minimal limbing, no twist or insect damage and fungus free, the more able the millwright is to do professional work. If he applies his trade well, his finish product will be cut, clear, dried and straight. This is exactly what is needed for the next link in the chain, the cabinetmaker. If he wants his doors to close, his drawers to slide and his veneer to stick, his wood selection is paramount.

Ultimately, no matter what power tool or hand tool you use it can only create to the extent of the material it is used on. The cabinetmaker was always careful about his wood selection. He knew that all wood is subject to its environment. So if you are using wood to make a fence and you are not concerned with a warped board or two then wood selection isn't that important. However, if you are using the wood to make a cabinet, proper wood selection increases your odds to a lasting product. Nevertheless, no matter what you are using the wood for the constant is the environmental effect on the wood. Power tools ignore errors in the wood. If the wood is not straight naturally, if its not chosen well, if it is cheap or cut badly, a power tool will only hide those mistakes until the environment gets to it and the wood changes back to the way it originally was. Therefore, your fence becomes warped and your cabinet doors will not close. Hand tools provide immediate identification of flaws in the wood. They provide you, because of their "hands on" approach, an intimacy with the wood that power tools do not require you to learn.

As a Master Carpenter, I am more concerned with the longevity of my finished product, its durability and appearance over time, rather than the speed of production. So hand tools are my preference. This however, does not negate the necessity of progress and power tools have a purpose, but we must always remember never to forsake the old for the new or the wood sprites will surely get you

Ron Herman

Dear W.O.C.O. Woodworkers,

Thank you for all your support during my tenure as President. Your eagerness to participate in our many programs was a huge help to me and a benefit to our fellow woodworkers and the various organizations we support outside our club. I'll treasure the Lie-Nielsen 102 block plane you gave me for its extraordinary quality and usefulness and as a keepsake reminding me of your thoughtfulness.

Sincerely, Keith Rogers



St. Vincent Family Centers is looking for brilliant woodworkers that would volunteer to make Dollhouses and dollhouse furniture for our Preschool Partial hospitalization Program (PSPH). PSPH is a program that works with children age 3-6 that have severe behavioral and mental health issues. One of our goals is to provide the children with a therapeutic environment that allows them to work through their issues.

Dollhouses are a wonderful, but expensive, tool that allows our clinical team to see inside the walls of the child's environment at home, through the child's eyes.

Please contact Aubre Jones at St. Vincent Family Centers if you are interested in helping (614)252-0731 ext.1134.

Thank you in Advance.



OUR DEMO ON PUSH BLOCKS AND SAFETY WITH JIM WALTERS AND LOU G.



A Few Notes about Sharpening

In Bruce Hoadley's book, *Understanding Wood*, he states, "Experienced woodworkers agree that sharpening is important. The beginner is often slow to recognize this." Whenever a new woodworker asks him what tools they should buy first his stock answer is, "A good set of stones." He goes on to say, "This answer is seldom received with joy." Hoadley, who literally wrote the book on understanding wood, knows how important sharp tools are.

Another important factor is the angle at which you sharpen your tools. Most tools that woodworkers use employ a wedging action, the difference in the angle of the two sides. This angle will vary according to the use of the tool and the material that it will cut. For instance, if you were to use one of your good chisels to cut a nail, you would ruin it. Nonetheless, a cold chisel shows no damage, though it is made of an inferior grade of steel. Obviously the difference lies in the angle of the tool. Most the time, for general use, your chisels are ground, sharpened and honed, at a 25° bevel (some woodworkers add a micro-bevel of a degree or two). However, if you are working mostly hardwoods a 30° bevel would give you more edge retention.

Likewise, on bench planes an iron is normally ground to 25°, but 30° will give you more time between sharpening and still leaves 15° of clearance (if your iron is bedded at 45° known as common pitch). If your iron is bedded higher, such as 50° (york pitch) or 55° (middle pitch), this will cause the blade to act more like a scrapper (rather than the slicing action at 45°) causing more strain to be applied to the tip of the blade. This extra resistance the iron encounters at its most vulnerable part, causes premature wear. The extra 5-10° of metal behind this edge will strengthen it allowing more time between sharpenings.

As with all tools that become an extension of our hands, experimentation will allow you to determine what works best for you. That special grind on a turning tool, carving tool, or hand plane along with keeping it honed will allow you to enjoy your time in the shop.

Charles Murray
The Plane Guy

Domino and the Need for Speed

Have you ever needed or wanted a tool you just couldn't buy? Did you ever have a good idea and thought others could use it too? Or, did you see a tool that was almost right if it was just...? Have you ever worked with a tool designer? I did, and this is my story.

Well, those questions and a growing need to have a special jig for my pet project, spurred me on. I was in the process of designing and manufacturing a new rubber band gun toy. As I changed and modified its design to improve manufacturing efficiency and reduce cost, I needed a way to make a mortise and tenon joint quickly in some relatively small parts. That's when the new Domino tenon joiner arrived on the scene. I knew I had to have one. I thought it would be just the ticket.

Once I had taken the plunge and had the tool in-hand, I found that the designers had created the tool with a different purpose in mind than the way I wanted to use it. The designers, in their infinite wisdom, designed the tool to cut the Domino mortise by registering the tool from the top of the work piece. It also seemed that they thought it would be used mostly for larger pieces. I, on the other hand, wanted to locate the mortise by registering it from the bottom of the tool and the pieces would be very small. I also wanted to be able to securely hold the pieces with quick release clamps and locating stops, for high production speed.

I remembered the Woodhaven 966 Biscuit Master jig designed by Brad Witt of Durant, Iowa and thought it might fit the bill. I ordered the jig but found that I would need to make several modifications to make it work properly with the Domino. Knowing that other woodworkers might be interested in a jig for the Domino, I contacted Brad. I notified him that if anyone else ordered one of his biscuit jointer jigs to work with the Domino, they would be disappointed. Brad replied with a question, "would you be willing to help design a jig that works with the Domino?" I enthusiastically said yes, jumping at the opportunity to work with a well known, talented woodworker/designer like Brad.

I took pictures of modifications I made to Brad's original jig, supplied measurements, and provided suggestions on how I thought the jig should work with the Domino. We corresponded by e-mail until one day the first prototype modifications for the jig arrived from Woodhaven. It was close but it still needed some work.

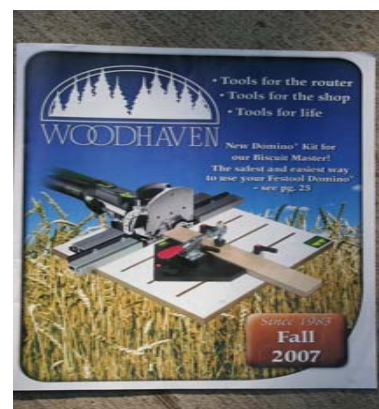
I tested the prototype and submitted additional pictures and comments. Brad and I continued to correspond via e-mail until, one day, I received the final version of the Domino jig modifications. Wow, it was great and worked perfectly, just as I had envisioned it would! It was adjustable, provided secure hold downs for small pieces and they could be accurately positioned for mortising very rapidly. I did some final testing and passed along the results with my blessing to Brad.

I ended up with the jig I wanted, and it works great. It should be available to everyone in the next edition of the Woodhaven catalog coming out soon. The project turned out to be very a very interesting experience not to mention the satisfaction I had of being able to work with a designer whose skills I admire. I've just received the Fall 2007 edition of the Woodhaven catalog and the jig appeared on the front cover! I didn't receive any compensation or recognition, but thoroughly enjoyed the experience of helping to develop this new product.

If you are interested in this jig or any of Woodhaven's fine products, just go on-line or call 1-800-344-6657. Woodhaven provides a discount to members of the Woodworkers of Central Ohio.



Submitted by
Edward L. Robold



WOODCRAFT NEWS

Woodcraft in Hilliard is glad to announce that we have added STEEL CITY to our other lines of power tools. STEEL CITY is a small company and a relative newcomer to the power tool community, but their tools have received excellent reviews in many of the trade magazines. The equipment is competitively priced, includes a 5 year warranty and often have features not included with some of the better known brands. Stop by and have a look.

TURN FOR TROOPS

TURN-A-THON

On

Saturday, November 10, 10am – 4 pm

On Saturday, November 10, Woodcraft will once again host a turning day to make wooded pens to send to our troops overseas. This is the third year we have had this event and it has always been a fun time. We provide the lathes and pen-making supplies and you provide the labor.

We plan to have the pens in the mail before Christmas. Even if you haven't turned much, we're sure you and your family members will enjoy "Turning for the Troops".

For those of you, who wish to turn some pens in your shop ahead of time, just see Jim or Ruth and we will provide you with the pen kits and blanks. Otherwise, we hope to see you at Woodcraft sometime after your morning meeting.

Stop by Woodcraft at 4562 Cemetery Road in Hilliard to take a look.

Thanks!

Jim Baumgardner

Hardwood Expansion AT WoodWerks

Our hardwood expansion is coming along well. We now have, 5/4 stock, surfaced on two faces to 1 1/16" The 5/4 is available in most domestic species. We also have a greatly expanded Veneer supply, most anything a person might want.

There are still some excellent rebate programs on quite a few tools. The promo edition of Delta's unisaw is back and, in my opinion is one of the best promos we've ever had. That promo offers an American made Delta unisaw, 3HP 1PH, complete with a 30" Unifence or a 30" Biesemeyer fence, table board, Leg set, and one cast table extension for \$1449. and \$1549. respectively. That's a heck of a deal, and they're now in stock.

We appreciate the business from WOCO members and I'm looking forward to a lively discussion on "The state of the tool business" at the March meeting.

Ron Damon and the entire WoodWerks staff.

I received the following suggestion from Steve Kandel in Florida.

Ed, You may or may not remember who I am, my name is Steve Kandel, I've been a WOCO member for more than 10 years but now live in Florida. None of that is important to what I was contacting you about. Since I am no longer able to attend the meetings it would be nice if the "show and tell" pictures included the artist (woodworker) with the project. If you are at the meeting the news letter is a review but if you miss the meeting or can't attend it would be nice to put the person with the project. Actually it may encourage more participation if the "person" is acknowledged instead of just what they did. Just a thought!!

I replied to him that I thought this was a great idea and I would bring this suggestion to both of you. I need help with this. Chuck, I need to find out if this would work to publish the pictures of each maker along side of each project? Charles, I need some help (possibly) in making everyone aware that we want to start this. It is hard for me to get the photos while I am working the video camera too. If you could just let the members know we are going to do this and that I need to have them available, maybe at the first of the meeting, to be photographed with the project. Another idea would be to get someone to run the camera while I take pictures during show and tell when we have the maker stand beside the project. Let me know if you guys thing this is a good idea. Ed.

Note from Chuck. -Names are easy, Pictures may require another page adding cost to the newsletter.

Air Dried Lumber For Sale.

Cherry 5/4 \$3.50 bdft

Walnut 4/4 \$3.20 bdft

Oak 5/4 \$2.00 bdft

Brian Neeley

561 Snoko Hill Rd.

Lancaster, Ohio 43130

Home 740 653 0185 after 8 pm

Cell- 740 407 0920 any time

For sale

6" Delta/Rockwell jointer on stand, \$350.00
 Excalibur router table insert, \$75.00
 Powermatic 66 table saw, 3 hp, 1 ph, 50" fence,
 on mobile base, \$1050.00

Charles Murray 614 837-6168

For Sale

Campbell Hausfield 2 HP Air Compressor
 Portable, Very good condition
 125 max PSI, 20 Gal tank
 115 VAC, 15 Amps
 7.8 CFM @ 40 psi 6.3cfm @ 90 psi
 Only \$125.00

Greg Madsen

Cell 614-425-1538

gregmadsen@renolan.com

FOR SALE

SEARS CRAFTSMAN RADIAL ARM SAW.



Very little use, with manual and all parts. Also with
 dust shoot, and wheels.

\$475.00

Contact Chuck Grimes

cgrimes@columbus.rr.com

What have you got to get sell or trade or looking to buy.

Post it here for free to all club members

Just drop me a E-Mail - Chuck

**Lumber for Sale at very low prices
Various Hard Woods. Call for info**

16973 Kandel Road
 Marysville, Ohio 43040

937-642-5428

Gene King

**For Sale
African Mahogany**

Surfaced two sides to 3/4 inches thick.
 \$5.00 per square foot. Gorgeous wood. Wide and long
 boards. Rich brown color.

If you've never made furniture of mahogany
 you don't know what good wood is!
 No Chipping, & No tearout

Contact Henry Fisher

614-861-2088

Free Wood

Recently we purchased wooded land in Canal Winchester.
 Their are many fallen trees. Some are sound, ideal for turn-
 ing. Others are in various states of decay (firewood). If any
 members would like to cut some of this up, at your own risk,
 call me at 614-837-6168

Tools for Sale

A close friend of mine passed away and his widow
 has asked me to sell a few tools . There are several
 precision micrometers, one digital, a couple of eye
 loops, a small table saw (good for a spare in the ga-
 rage) a Black & Decker #7448 pad sander. All are
 like new. Will bring to the next meeting.

Lou G

Heartville Tool

At September's meeting everyone voted to join in the Heartville Tool
 discount program. The first year the discount will be 20% off of regular
 priced merchandise (the discount is not applicable to sale or clearance
 priced merchandise). From the second year on the discount will be 15%
 and WOCO will receive a 3% rebate which will go into our general
 funds.

If you have not received your first catalog, you will soon. To receive the
 discount you must identify as a WOCO member and they will verify this
 against our paid members list. Please remember the discount is available
 at Heartville Tool NOT Heartville Hardware.

WOCO web site <http://www.wocoweb.com/>

Visit these retailers who support our club

Woodcraft 4562 Cemetery Rd, Hilliard
614 527-7594

**Woodwerks
& Rockler** 1181 Claycraft Rd. Columbus
614 575-2400

Woodline USA Router Bits
1-800-472-6950

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PO Box 27234
Columbus, Oh 43227

Meetings are held the second Saturday of
September, November, January, March, and May.
8:30 am – 12:00 pm at Spring Road Church of Christ at 74
Spring Road, Westerville, Oh

President: Charles Murray 614 837-6168
Vice President: Ron Herman 614 332-7781
Treasurer: Denny Cramer 614 890-3067
90 E. Spring Creek Dr.
Westerville, Ohio 43081

WOCO & Other Meetings

WOCO meets

Nov. 10th, 2007. Spring Rd Church of Christ, 74 Spring
Rd Westerville, Oh 8:30am – 12:00pm

Wood turners meet, 2nd Tuesday, Sept—May,
The Ohio State University Industrial Technology Bldg.
1100 Kinnear Road 7-9pm
Barbara Crockett, Pres. 614 459-9113
Claudia Taylor, Secretary 614 870-6007.

Columbus Chippers Carving Club, meet 3rd Wednesday,
each month.
MCL Cafeteria – Schrock & Route 3 in Westerville .

Deadline for newsletter articles is the 15th of the month before the next meeting. Send newsletter articles to the editor.

cgrimes@columbus.rr.com

Chuck Grimes
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Columbus, OH 43214

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Cell 614 325-3350

If you would like to change the way you receive this newsletter,
email or hard copy mailed, please contact me and I will make
the change. Each mailed hard copy of the Newsletter costs the
club about a \$1.20.

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POSTAGE
HERE

Place gum label here