



Wood Words

Kansas City Woodworkers Guild www.kcwoodworkersguild.org

Volume 22 Issue 2

February 06

Guild Meetings:
Jacob's Well Church,
1617 W. 42nd St.,
KC Mo. 64111

**Remember: 2006
Dues are \$35, \$50
or \$25 for Seniors**

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Books
George Rexroad

Editor/Web:
Wayne Wainwright

February Raffle: Bill Evans will have his usual assortment of items

Next Meeting Wed. February 15th, 7 PM
Program: Jim McCord - Making boxes

Sawdust: **The Presidents Corner**

Wayne Wainwright



Well, by the time you read this the Tool Show will be over and I suspect will have been a great success for us.

This year, the Guild has some booth panels that we obtained to "spruce" up our presence at the show. Great thanks to Mike Jones and Wayne Suter for setting up the panels for us.

We are well on the way to completing our chair project. We had a little bit of a slowdown due to a key member having some surgery, but nothing that will keep him down for long.

We have already been asked to take on another project and the Guild is evaluating the merits - you will hear more on

that in the March newsletter.

February is also the month that Ken Sokol will reintroduce the Mentor program so I hope all the Mentors are gearing up for this great opportunity to share with our members! As members, do not miss the opportunity to meet with new people and learn new skills in the process.

We added 5 new members in January, so please reach out to them and make them feel welcome (see their names in the meeting minutes section), and I suspect we will pick up a few more after the Tool Show.

As you may have heard, we will "not" participate in the Remodeling Show this year. If you had signed up, we appreciate your volunteering, but low turnout makes this event not possible for us in 2006.

One thing that has come out crystal clear to us during the chair project is the "camaraderie" that manifests when we work

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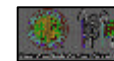
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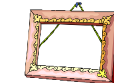
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together as groups and you will see more of that in 2006 and beyond.

On that note, have you signed up for CRP yet? Want to know what that is? See Brian Kemp or Wayne Suter for details and start improving and formalizing your woodworking skills.

2006 has already brought a few changes. One of which was a new dues structure. I am happy to report that 60% of our membership paid their dues on the first month they were due. That is a record high for us. Also, 10 members signed up at the Associate (\$50) level to help grow our organization.

As usual, you are stepping up to the plate. We are more financially sound than we have “ever” been in our history. This gives us the ability to think very “differently” about who we are and where we are going as an organization.

This year, we will host at least one “Town Hall” type meeting as we did in 2004 to discuss where we want to go and what our “options” are in the years ahead.

My philosophy as President has been to introduce as many new ideas as possible, knowing that all of them would not succeed but that “some” would stick and that we would be better off in the long run. I am very pleased with the level of participation and support you have all given. It has made us a better, stronger organization.

Of course, as always, there is room to improve. I hope you take the time to give your input to help make us better. You do not need to become a member of the leadership team to contribute. Paul Twenter has assembled a great team for the 2006 year, but there is still room for your participation as a member of a discussion group or a committee.

See me or any member of the leadership team if you would like to participate in some way. Your ideas are just as important as your time.

We are creating a new “team” made up of Ex-Presidents.

We have not formalized exactly what this group will do, but it seems the combined knowledge of all the people who were once President of the Guild sitting in one room discussing and sharing thoughts seemed like a good idea.

As soon as we figure out how they will contribute, you will hear. I’m sure it will result in a committee or two that you can participate on in the years to come!

Program: Jim Bany - Making and using a Belt Sander

David Roth

Jim built this machine last year and displayed at the tool show. The reason he made it is that sanding is his least favorite thing to do in woodworking.

Jim owns just about every sander there is. He saw this project in shop notes #37 and went up to the Woodsmith store and asked about the project. It was the most difficult project that Woodsmith ever made, but unfortunately, it wasn’t in the store.

Jim made his out of Baltic birch because the wood is solid and doesn’t move on you. Jim used two sheets of birch to build this project. There are five different parts to this system.

Rollers
Tracking system
Drive system
Tables
Hood

Jim tried using MDF for the rollers. And it didn’t work out for him so he switched to plywood. He had to put a bevel on the roller - this controls how high and how low you want the belt to go. Jim then went to Chris

Kunzle's house and they put the rollers on the lathe and turned them. It was hard work to make them perfectly round.

Chris had to sharpen his tools a lot and it was a real challenge to turn the plywood because you are turning end grain.

The shaft is 5/8 inches and he ran it on the inside, and put a 3/4 in outside and 5/8 in inside bushing on it and poured epoxy inside and on the flat part of the shaft.

He put a top bushing on it and the drive roller is fastened with epoxy.

Tracking system: The top is stationary and the bottom moves and is spring loaded to keep the belt tight. Jim has a 89 an inch belt.

The springs that he got were from Springs inc. in Merriam. Jim told them the amount of compression that he needed and the person told him that the springs he had looked like a slinky and he had to put them in the oven and bake them. That is what puts the tension in them.

Jim was amazed that it worked. He baked them at 400 degrees for an hour. That was a new technique for him.

Jim also made his own channels. Some of these machines run from \$600 to \$1,100. The motor for Jim's machine was given to him.

Benches: Before Jim made the benches he had to line up the back drive pulley absolutely square. It took 3/4 of a day to line this machine up and to get it exactly right.

Jim had put all this work into it and had not turned it on yet. Jim turned on the switch and it ran like a Swiss watch.

The machine rounds over edges with no problems. (large pieces or small) and it's good for making templates when making chairs.

It makes the template smooth and takes out the band saw marks. It also cleans up the burn edges from table saw.

It worked for the slats for Jims chairs and also on gentle curves. Jim demonstrated these items for the guild. The sander is good for veneer work (2 feet or more) and Jim generally uses a 100 grit sleeve for his work.

The tables: The big table adjusts up so you have new sander paper to work with.

The motor is a 1 1/2 horse power contractor saw motor. Jim has about \$350 into this project and it took him about 6 weeks to complete. A good month of that was on the rollers. Jim also adds that you can get by with a 3/4 horse power motor.

The next project is going to be a drum sander.

Thank you Jim for a great program.

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Shop Safety

Think Before You Cut

The most powerful tool in your shop is your brain, use it. Thinking your cuts and movements through before acting can help save both fingers and scrap wood.

Keep a Clean Shop

A cluttered shop is an accident waiting to happen. Keeping your shop clean will help protect you, and your tools, from tripping hazards.

Avoid Distractions

Pay attention to your actions. Looking up to watch the shop TV or visitor can result in your hand contacting the blade. Always wait until you have completed your cut before you take your eyes off the blade.

Don't Rush

Keep in mind that this is just a hobby for most of us and take a break when you feel rushed or frustrated with a project. Mistakes happen when we rush to complete a job.

Don't Force It

If your saw is resisting the cut, stop and see what's wrong. A misaligned rip fence or improperly seated throat plate can sometimes cause a board to get stuck in mid cut. Forcing the board in these situations may cause kickback or contact with the blade. Take a moment to evaluate the situation and determine the problem.

Protect Yourself

Wearing the proper shop protection is an important part of safe tool operation. Goggles, Ear Protection, and Lung Protection should be used when operating tools. Use push sticks when working close to the blade and make sure the tool's safety features are in place.

Let the Tool Stop

Giving the power tool time to wind down after a cut is an often-overlooked safety mistake. Even without power, the spinning blade can still do a lot of damage.

Fumes and Dust

Solvent fumes and airborne dust can present health and explosion hazards. Care should be taken to ensure a supply of fresh air and use only explosion proof vent fans.

Wear Appropriate Clothing

Loose clothing or hair can get caught in power tools and cause severe injury.

No Alcohol

Too many woodworkers have been injured because alcohol clouded their judgment. Avoid their mistakes and wait until after you're done in the shop.

**Brought to you by your friendly
Guild Leadership team**

Shop Tip

Planer Set-Up Gauge

My bench top thickness planer is a great tool that's saved me time and money in getting quality, surfaced lumber.

The problem is that setting it up for the first pass on rough stock can be a guessing game.

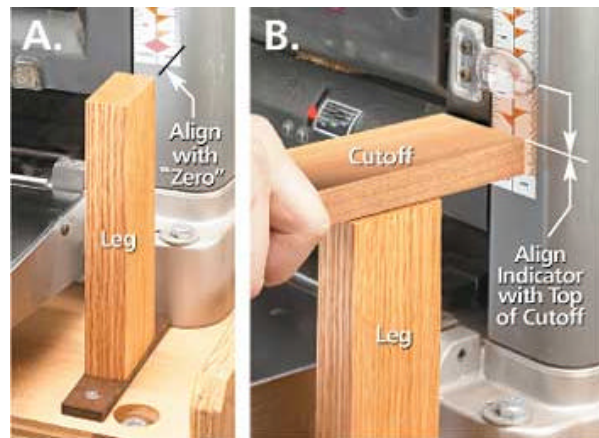
If I only know the approximate thickness of my stock, I have to make a guess when setting the cutter height. Sometimes, the cutter head is set too low and the planer takes too big of a bite. Other times, it's set too high and nothing happens.

To save time and get more accurate setups, I made the gauge shown in the photo.

The gauge is nothing more than a hardwood "leg" attached to a 1/4" hardboard "foot" that rests on the planer table. The length of the leg is determined by the distance from the top of the foot to the "zero" mark on the planer's thickness gauge, as you can see in photo A.

The gauge can then be screwed to the planer table. Now when I want to adjust the planer, I just set a cutoff from the piece that I'm surfacing on the gauge and lower or raise the cutter head until the indicator is even with the top of my material (*photo B*).

This way, I know at a glance the planer is set to remove a thin slice from the stock on the first pass.



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Want to help cut guild monthly costs? Consider receiving the newsletter via email. It is faster and comes in color. If you are interested, please send an email to Wayne Wainwright at: wwrig@kc.rr.com, or add your email to the Attendance list at the monthly meetings.

Newsletter Deadline: 1st of the month:

Please send all submissions for articles, tips, want ads announcements and anything else to Wayne Wainwright: 816 453-1073 email: wwrig@kc.rr.com
4214 N Brighton Ave KC. MO. 64117

Member of the Month

Brian Kemp

Bob King

Arm saw, which they forgot to bill on my credit card so it was free.....until I told them about it. It was still my best deal though. I bought it from Steve Ballew Tool in Springfield, MO.

What is your specialty in woodworking?

I specialize in making small boxes, jewelry boxes, and business card holders. I sell all of these in galleries.

How many years have you been woodworking?

I have been working with wood approximately 18 years.

What is your favorite hand tool and why?

The scraper is my favorite. If I can't plug it in, then I don't like it....you know why!

What is your favorite power tool and why?

My favorite power tool is the Performax sander. I use it more than any other tool I own. A close second is the Lenox carbide band saw. Blades for the band saw are expensive, but very good.

What is your favorite wood to use and why?

I like all the native hardwoods - walnut, maple and cherry, in that order. The native hardwoods are in good supply in this area. I spray lacquer on all of my work and these woods finish out very nicely.

What is your most favorite project you have built and why?

Everything I make is my favorite or I wouldn't do it!

What is the best deal you have gotten on a woodworking tool?

The best deal I got was on my original Radial

What guild activities have you been involved in, how many time/or how long?

I was involved in the recent chair project, which was a good all around experience.

What has been your favorite guild activity?

My favorite guild activity is the Christmas get-together.

What Shop Tip can you give us?

Enjoy everything you do. Protect your fingers. If you have something giving you problems and you can't figure out how to do it, sleep on it. Your problem will be solved the next morning more times than not.....works for me!



Show & Tell



Frank Lane Cedar bench finished with Helmsman poly marine



Mike Jones Walnut box with curly maple and ebony finished with shellac and paste wax



Russ Amos Flag cases made from walnut with a lacquer finish.



Anthony Harris Ball bowl and Saturn Box made from Pink Ivory, maple, African black wood, and cocobolo woods with a wax finish. Square box and a spindle gouge made from vera wood and cocobolo.

Chair Project Pictures





P.O. Box 413922
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Meeting Minutes

New Members / Visitors: Shelly Taylor, Kristi McNight, Jerry Barlow, John Howser, Tim Johnson, John Dear, Jim Stuart

News:

Chuck Slagle recognized the Library personnel George Rexroad and Don Cruise on the Video. Chuck says that we would like to have the books and videos that were checked out to be checked back in. this is the first friendly reminder; Wood Words will have a list titles next month that are still outstanding and the following month we will have the names of the person who has that title outstanding.

TOOL TALK

Neal Shoger and Russ Amos are looking for a miter saw and was wondering which brand is the best. Jim Bany mentioned that a sliding compound is better; because you have a saw that will cut more width on a board.

Someone mentioned you can buy a laser at home depot made by Irwin and is \$29 And it is very accurate.

Jim Ramsey has a new drill with a one hand chuck.

Jim Bany has a ¾ in. band saw blade for his band saw to re-saw and is happy with it. It works a lot better then his 1/2 in. blade.

Someone mentioned that their workshop is about complete, the floors are painted and he also bought a wood master molding planer. He made some flooring with it and did a great job on the tongue and groove joints.

Raffle:

Ed Bernstein micro plane drill shaper, Russell Clausing Shop towels, Jerry Barlow - Screwdriver set, John Howser - Safety glasses, Wayne Wainwright - Lazy Susan, Shelly Taylor - Safety glasses, Kristi McNight, - Lazy Susan, Ken Grainger - Drill, Kevin McAndrew - Clamps, Art Howell - Tool tote, Herbert Willberg - Hand saw, Tim Helfrich - Crescent wrench set and a flag box, Gary Cardwell - Forstner bits, Parker Nicholson - Clamps, Ken Sokol Flag box.

Show and Tell:

Frank Lane brought in a bench made from Cedar and has a poly marine finish made by Helmsman.

Mike Jones brought in a walnut box with curly maple and ebony. It has a Danish oil finish. The challenges were matching the ebony. Mike also brought in a processional cross made from olive wood. It has a shellac and paste wax finish. The challenges were it was a very difficult wood to work with.

Anthony Harris brought in a ball bowl and a Saturn Box. They were made from Pink Ivory, maple, African black wood, and cocobolo woods.

Calendar

Executive Meetings, 7:00pm Kansas City Public Library 1410 W 10th St. KC MO 64105

Guild meetings, 7:00 p.m., Jacob's Well Church, 1617 W. 42nd St., To reach us "during the meetings, call: KCMO. (816) 561-8177

Executive Meetings

Guild Meetings

2006

January 4th
February 1st
March 1st
April 5th
May 3rd
June 7th
July 5th
August 2nd
September 6th
October 4th
November 1st
December 6th

January 18th
February 15th
March 15th
April 19th
May 17th
June 21st
July 19th
August 16th
September 20th
October 18th
November 15th
December 20th

All members are welcome at any board meeting. A call to one of the Officers is all that is necessary.

They have a wax finish. The Points of interest are the splined Pink Ivory. He also brought in a square box and a spindle gouge made from vera wood and cocobolo. The points of interest is that the spindle gouge has a double-ended gouge in the handle. The challenges were the square side box on the lathe.

Ken Sokol made a blanket chest using oak and oak plywood and has a lacquer finish.

David Roth brought in two intarsia pieces. One was a dove made from bass wood and a school logo made from cherry, bubinga, cardinal wood (bloodwood) and fiddle back maple. They were finish with Shellac, Varnish, and wax.

Russ Amos brought in two flag cases made from walnut and they have a lacquer finish. The challenges were the miters. Russ also donated these flag cases for our raffle.