



THE NEXT MEETING **March 24** AT
THE TABLE TENNIS CLUB
 1407 E HARRY

VOLUME 17

ISSUE 3

Social Gathering @ 6:30 PM
Meeting Starts @ 7:00 PM

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Subject Of The Upcoming Meeting

Dan Carlyle will demonstrate the new "Flat Master" surface sander at the March meeting. The "Flat Master" is designed primarily to sand flat parts, and incorporates a drum made from polycarbonate tubing. It runs tangent to the flat surface table at 1,750 rpm. You simply pass the part across the rotating drum. The drum (18", 24" or 30") is designed to use Velcro hook and loop sandpaper and the depth of cut can be changed by switching the grit of sandpaper. On the longer drums you can use two or three different grits of sandpaper at once. Centrifugal force is the key element. It lifts the sandpaper off the drum creating an air gap. The air gap helps reduce heat as the drum is not forcing the paper into the wood. Members will have the opportunity to use the "Flat Master" themselves during the presentation.

From The President's Corner –

I encourage each of you to become acquainted with new members to ensure they become

actively involved in Guild activities. Get to know all members by taking a little time to introduce yourself, at monthly meetings. One of our greatest assets are our members and their diversity of experience, skills and knowledge. If anyone has a question or wants to develop a skill we are fortunate to have several experienced woodworker's who would be more than happy to assist you. On more than one occasion Les Hastings has volunteered to help fellow woodworker's.

The purpose of the Guild is to build woodworking skills through the sharing of knowledge. Our focus must be on sharing and exchange of ideas, knowledge and expertise. We are fortunate to have all skill levels from beginners to professionals. Our community service activity is the building of toys which we give to the Salvation Army to distribute to disadvantaged youngsters at Christmas time.

One way to become acquainted with other members is to join a team of woodworker's that are making toys. You'll find this activity interesting and gratifying. As some of you know our Toy Chairman this year is Chuck Schumacher who can be reached at 440-3842 or mamashoe1@cox.net. Chuck came from Arizona and was actively involved in the Arizona Fine Woodworker's Club. Building toys should not take you away from other projects, but is a very worthwhile activity.

I'm excited by the opportunities this year offers. If we can assist you in any way please let us know.

Bill DeGarmo, President

Sunflower WWG meeting minutes February 2008

Guests: Lloyd Curtis (turner)
Clark Shultz (new member)

Welcome!

John and Andre Haskins
(sawmill owner)

Old Business: The Dick Gaskill memorial library cabinet will be built by members, Les Hastings has volunteered to lead the team. Contact Les to find out how to get with him and learn some tricks on cabinet making.

The guild website <http://www.sunflowerwoodworkers.org/> has a new look, it's our site, so if you have some ideas, let David Fowler know.

New Business: The Marc Adams Joinery DVD is missing from the library, if you have checked it out, please return it.

The Veneering seminar that was scheduled with Bill Hull has been postponed until May, so if you were sitting on the fence, you now have time to make up your mind and attend. Bill is a nationally recognized teacher and even if you don't plan on doing any veneering, this will give you an insight into an aspect of woodworking that you might need in the future.

Woodworks Quality Hardwoods outside of Oxford Ks is closing by the end of March, Bob has offered to donate the last remnant scraps to the toy program.

The idea of having a SWWG booth at the Walnut Valley Festival was brought up for discussion.

Member Jerry Keen has been volunteering his woodworking skills to build homes in Greensburg following the tornado last year. Way to go!

Show and Tell: Ron Butts showed some toy John Deere tractors that use swivel casters for the front wheels like the one that his granddad made for him as a youngster. He also made a donation of woodworking books to the library!

Bill Tumbleson proudly showed his prized box of rocks (OK, it was really a tool box full of run of the mill rocks) that he uses for weighing down things. He built a micro-adjust finger joint jig from plans in #8 Shopnotes, he'll let us know if it works as advertised.

Ray Smith needed a removable tablesaw extension table and showed how he made his to fold up and store on the wall. He made decorative miter gage slots (smile!).

Gary Robinson showed a keepsake box that he made for all of his grandkids and discussed the problems he had with getting pin-holes in the polyurethane finish. He had quite a time getting the issue fixed and finally ended up using a Penetrol product with a Syntox brush and flooding the surface.

Lou Ortega talked about Corian solid surface material uses. He had issues with scrollsawing cutouts, but a member suggested using a blade speed of 1200 spm to stop the melting problems. This illustrates why belonging to the guild is sharing of experiences for all to learn.

Jerry Keen showed photos of the kitchen chairs that he talked about last meeting.

Dan Hagenbuch talked about building and racing Pinewood derby cars. He ran in the outlaw class.

Les Hastings shared that he has found a new website that is for Wood nuts like us. It is <http://lumberjocks.com>. Les has his own site within Lumberjocks; it is <http://lumberjocks.com/jocks/LesHastings/blog>.

I noticed that Dave Nesting and Kevin have Huber joined also.

Program: Melanie Kuenning, from Delta / Porter-Cable Woodworking Tools, presented the brand new 24 inch Porter-Cable Omnijig. The new jig is a spin-off from the 4200 12 series dovetail jig. The new jig takes the trial and error out of cutting variable spaced, thru or half blind dovetails. The jig comes with a DVD instruction video, but with the thought put into the design, you shouldn't need to use it very often. The adjustments are well thought out and then put into a recipe card that you can reference to adjust fits. Once you have the joint fit adjusted, you shouldn't have to adjust the jig for different thickness materials. The 16-inch little brother model does not come with the variable spaced template as standard and costs approximately \$200, with the jig at \$429. The 24-inch jig is \$599 and should be all the jig that someone would need. This month, if you purchase the new Omnijig from the Big Tool Store, they throw in a Porter-Cable 690 router for free.

VENEERING SEMINAR RESCHEDULED

The Sunflower Woodworker's Guild is presenting a seminar on veneering scheduled for Friday May 2 and Saturday May 3, 2008. The presenter is Bill Hull who is a consummate professional in the field of woodworking. The seminar will be held at City Arts located at 334 North Mead in downtown Wichita in room #201. The Friday evening session (6:00 p.m. to 8:00 p.m.) will focus on the basics of veneering and the Saturday session (9:00 a.m. to 4:00p.m.) will go more into detail on the selection of substrates, handling and storage of veneering, slipmatching, bookmatching, types of glues that are best for veneering, manual pressing, vacuum pressing, pattern layout, etc. The cost of the seminar is \$50 which will include a sack lunch on Saturday. Reservations may be made by contacting Wendell Parks at 1050 South Dowell in Wichita, Kansas 67207. Make checks payable to the Sunflower Woodworker's Guild. Your reservation plus the tuition of \$50 must be received by Wendell on or prior to April 25, 2008.

Bill Hull - Biography

Bill was first introduced to woodworking in his father's shop as a boy. He has been working professionally with wood for over 25 years. During that time he has been employed in home construction, commercial cabinet shops, the Oklahoma University Engineering Woodshop and furniture shops. In 1990 he co-founded a furniture manufacturing business which built furniture for designers. In 1993 he left that business to found Patternwork Veneering Inc., which he still operates providing high end patterned and inlaid veneering panels to furniture makers. In addition he teaches furniture making classes at Moore-Norman Technology Center, veneering classes at Marc Adams School of Woodworking and seminars for woodworking clubs and guilds. He has also taught at Woodworks 2000 shows and The Woodworking Shows across the country.



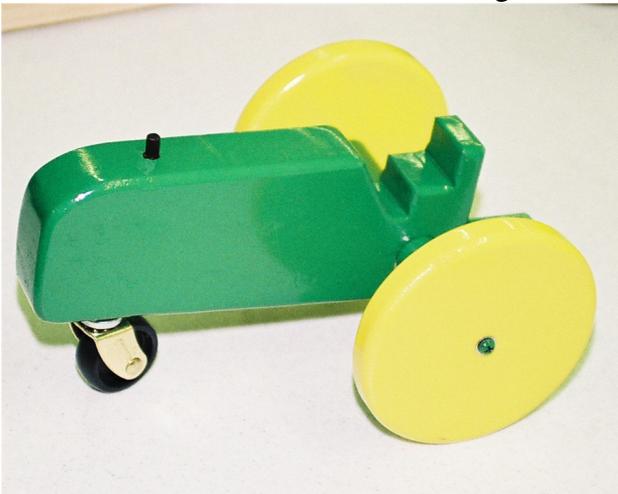
Dick Curtis' Turned Boxes



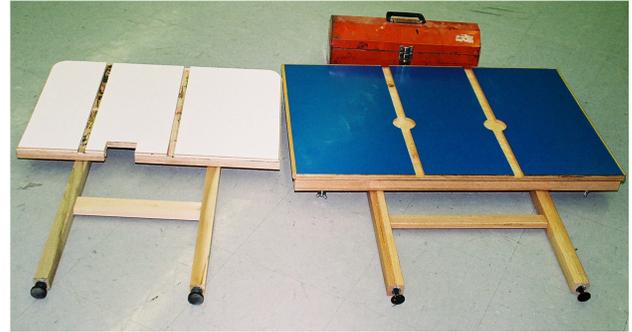
Gary Robinson's Jewelry Box



Bill Tumbleson's Box Joint Jig



Ron Butts' John Deere Tractor



Bill and Ray's Outfeed Tables with the box of rocks

WOODWORKS QUALITY HARDWOODS

Woodworks Quality Hardwoods located east of Oxford, Kansas is going out of business. They have begun to discount the price of selected wood and wood products. They have been posting specials on their website. Just go to www.woodworksqh.com and click on "specials" to learn more about these discounts. The last day of business is March 31, with the store also closed on March 20 and 21.

Dues

Have you paid your guild dues for 2008? The editor will cut off your subscription to the newsletter as of the April issue. Pay up now and continue to support the guild.

Lumber Grading

Ever wonder what lumber grades mean? There is a considerable confusion about lumber grades and it would take a book to go into detail, but the 4 basic lumber grades consist of:

NHLA (National Hardwood Lumber Association) four basic grades for hardwood.

1. FAS lumber must be 83% clear on the poorest side. Clearness is measured in large rectangular areas called cuttings.
2. No. 1 Common, which must be 67% clear on the poorest side.
3. No. 2 Common, which is 50% clear on the poorest side.

4. No. 3A Common, which is 33% clear on the poorest side.

No. 3B Common, which is 25% clear on the poorest side.

There is also a grade called Select (which includes another popular grade called FAS 1-Face). Selects are FAS on the good side and No. 1 Common on the poor side.

There are many other restrictions, including number of cuttings, size of cuttings and size of lumber.

Thickness sizing of lumber.

4/4 Roughsawn dimension = 1 inch
Surfaced dimension is generally 3/4" to 13/16"
6/4 Roughsawn dimension = 1-1/2 inch
8/4 Roughsawn dimension = 2 inch etc.

Mills will then throw in terms like rough, planed one side, planed both sides and straightlined which means one straight edge.

Bill DeGarmo

The following is an excerpt from an article posted on the Kansas City Woodworkers Guild Website

Working with Epoxy and Super Glues

When do you use epoxy? ...Super glue? Or should you use glue at all? ...Answers to these questions are of importance to a person making tools.

- What characteristics of these glues make them appropriate?
 - What problems will these glues cause?
 - What do you need to know about these products in making woodworking tools.
- Shortly we will begin just that discussion.

Epoxy is that two part product ... the resin and the hardener that you mix with a stick. Often the resin is one color and the hardener another. Mixing the two produces a color change that tells you when they are mixed and will set properly. Epoxy is purchased in two plastic bottles, two tubes like toothpaste, or even in a two cylinder hypo with plungers to push out equal amounts. These products come under

many names but regardless of the names and claims, these two part products are epoxy. A common name in epoxy products is Loctite, another is JB Weld.

Super glue comes in a small tube or a much larger bottle.

Get the larger (about .7 oz.) bottle for less trouble, ease, and cost savings. The tubes will be messy or useless after their first use as super glue will polymerize due to the contact with the moisture in the air.

Epoxy is Gap Filling

Unlike super glues, epoxy is gap filling. If the fit is not just right, epoxy will fill in the gap and set, not only gluing two parts together but taking up any extra space.

When might this happen?

Say that you have used your Forstner bit to drill a nice, accurately sized hole into the end-grain of a piece of wood, perhaps to insert a brass rod, ... You would like to think that the 1/2 inch drilled hole is the same diameter as the brass rod. But is this so?

Unlike metal drills that come in 135 sizes up to 1/2 inch, your Forstner bits won't have this fine graduation. Even so, wood will change diameter as you walk around the shop ... move into an elliptical shape almost before your eyes, and more pronounced as the moisture in the wood changes. Even moving the bit out of the wood to clear chips will widen the drilled hole.

The brass rod, very close to the specified size, will expand, contract, and change shape much less ... metal change being more dependent on temperature.

If there is a small gap, the gap filling characteristic of epoxy works in our favor. If there is, however, a nearly force fit, the excess epoxy will press out as the brass is pressed into the hole or out of the hole at the other end.

Neither is good, but there are several possible solutions for you to try. (You will need to go to www.kcwoodworkers.org to read the rest of the article.)

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