



THE NEXT MEETING **August 25** AT
WOOD SPECIALTIES
 1220 East 37th N.

VOLUME 17

ISSUE 8

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

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with ¾ inserts which produces extremely high quality surfacing of wood in process. The business is small in size, but it is surprising the size and quantity of things they produce utilizing automated machinery. Don't forget this months meeting time is 7:00 pm at 1220 East 37th N.

Subject Of The Upcoming Meeting

This months meeting will be held offsite at Wood Specialties located at 1220 E. 37th Street North. The location of this specialty woodworking firm can be reached by heading east on 37th Street N, off of Broadway. They are located on the north side of the street. I've asked them to erect a small sign indicating the meeting location for the Sunflower Woodworker' Guild. It may help to keep checking the block number as you near Wood Specialties.

This business is owned by Rick Phillips and sons Robert and Brian. They have 6 employees who turn out some impressive turned wooden pieces using programmable machines. If you haven't witnessed the turning of 5 inch columns that are up to 5 feet in length using automated machines you'll find this quite interesting. You'll see a large glue press which is used to glue up cabinetry for Hotels and Motels and a CNC processing center used to drill and mill these cabinets. Also of interest will be a large planer

From The President's Corner –

I was somewhat disappointed in the number of entrants in the 2X4 challenge, but was very satisfied with the quality. I had hoped members would find this contest something interesting and out of the ordinary. Congratulations to all entrants, and in particular Jerry Keen and Dan Blair for their fine entries.

I received a lot of positive comments about the July program relative to how to set up and adjust a table saw, so you are able to produce accurate cuts. Thanks Dan for this fine presentation. This will be very helpful to members who are new to wood working and those who were in need of a review on how important it is to keep their table saws properly adjusted. Maintaining your power equipment and keeping it properly adjusted is imperative, and allows you to do your best work.

I appreciate your efforts in producing toys for our Community Service activity. If you need ideas, lumber or help let us know at the meeting. Based upon the number of toys already

completed we will fall somewhat short of our count in past years. If you need pattern ideas let one of our officers know.

Observing a sawmill in operation is planned for early October so keep this on your calendar. The actual date has not been determined, but this activity will take place in early October.

I want to thank all those who have assisted me over this last month, particularly Dan Carlyle, Mike Hutton and Jerry Keen. Without the help of members, this organization would not be nearly as effective. I've been impressed with the kind of support you have given me this year.

Sunflower WWG meeting minutes July 2008

Guests: Ron Payne
Doug & Chris Waldo (Florida)
Colin Bailey (Halstead)
Hays Hazelwood (Mulvane)
Will Woods

Old Business: Mike Hutton reported that he is in discussions with Spirit Aerosystems for donating their wooden toy parts to the Guild. We will need to find storage space.

Jerry Keen will take over as toy chairman for the remainder of the year, please keep those toys coming now that fall is on us, it won't be long till Christmas.

A discussion on the idea of the guild purchasing unique tools for member use, such as a vacuum bag system has been requested. Think about it and let's weigh the pros vs. cons and how the logistics would be handled.

The August meeting will be at Wood Specialties, 1022 E. 37th St. No., near Love Box.

2x4 Challenge: We had seven entries for this event and they were all very inventive ideas, no two alike! By a membership vote, Dan Blair won 3rd place with a plant stand, Dan also won 2nd place for his rocking horse and Jerry Keen won 1st place with a music stand.

Show and Tell: Neil Bustraan brought back the oak footstool that he made last month to show it completed. He finished it in pre-catalyzed lacquer and put on burgundy leather upholstery.

John Rhoads showed a wooden transformer toy that was inspired by a McDonalds toy.

Kevin Larcom brought in a round-nosed stock hold in.

Bill Tumbleson showed a stacking ring toddler toy and explained the router methods that he used to make a repeatable production run.

Mike Hutton attended the Bill Hull veneering seminar that the guild sponsored and he showed the vacuum pump system and vinyl bag that he made. He passed around the first panel that he laid up and learned from. The third panel was a chessboard made with cherry, maple, walnut and jarah veneers.

Program: Dan Carlyle presented how to tune up a contractor's table saw at this month's meeting. Dan explained why tuning up your table saw is not only beneficial; it is also safer. The table saw is the center of most woodworker's shops, so safety is important. Never wear loose clothes near the saw as the blade can catch them and pull you in. Dan explained how splitters and anti-kickback pawls are supposed to work and the difference of a splitter and riving knife behind the blade. New laws on the books will make new saws coming out in the future have better safety features. Dan recommends using zero clearance insert plates and push sticks to keep stock under control.

He discussed the very real issue of kickbacks from the blade and what the causes are and how to prevent them from happening. The front of the blade will never cause a kickback as the forces are pushing the stock into the table. The back of the blade is where all kickbacks occur because the blade is trying to lift the stock from the table and throw it at you. The fence should be adjusted so that the back of the fence is just slightly (0.00 to 0.010) opened to the back of the blade so that the stock isn't forced into the blade after it is cut.

Dan discussed and showed the underneath of a saw and pointed out the lubrication points that should be lubricated with graphite dust to keep wood dust from accumulating in the mechanism. When adjusting the trunions, do not loosen all four bolts at the same time or you will have a real job on your hands to get them all back in alignment to each other. The miter slot on the tabletop is the reference that everything is adjusted to for parallel. The blade must be dead parallel to the slot to get the best performance from a saw.

Brass setup blocks are great to setup blade depth and fence offsets and aren't very expensive. The Wixey electronic angle block is a really accurate method of setting blade tilt angles to within +/- 0.1 degree. Change out the die-cast pulleys with steel machined pulleys along with the link-belt system and you will reduce vibration significantly. Follow Dan's presentation and you see significant improvement in your contractor saws performance!

Program pictures

2X4 Challenge entries



Dan Bair's third place table



Dan Blair's second prize rocking horse



Jerry Keen's first prize music stand



Guy Waldo's stool/table

Other program photographs



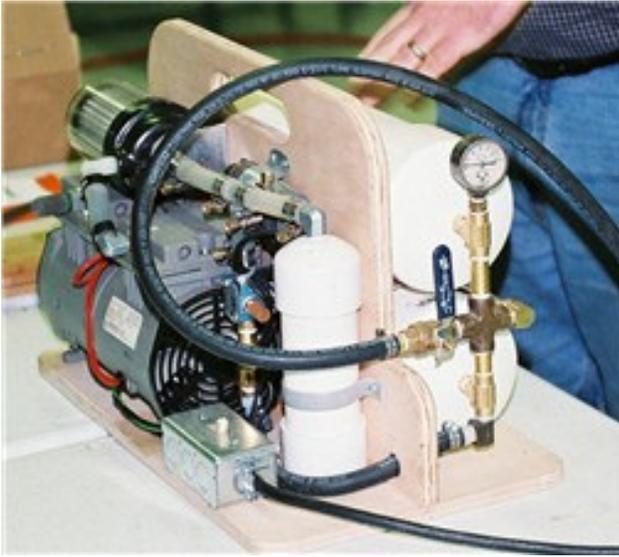
Mike Hutton's Veneer checker board



John Rhoads' heavy duty stool



Back side of checker board veneer balance



Mike's vacuum apparatus



John Rhodes' Transformer truck



Neil's finished stool



Table saw tuneup



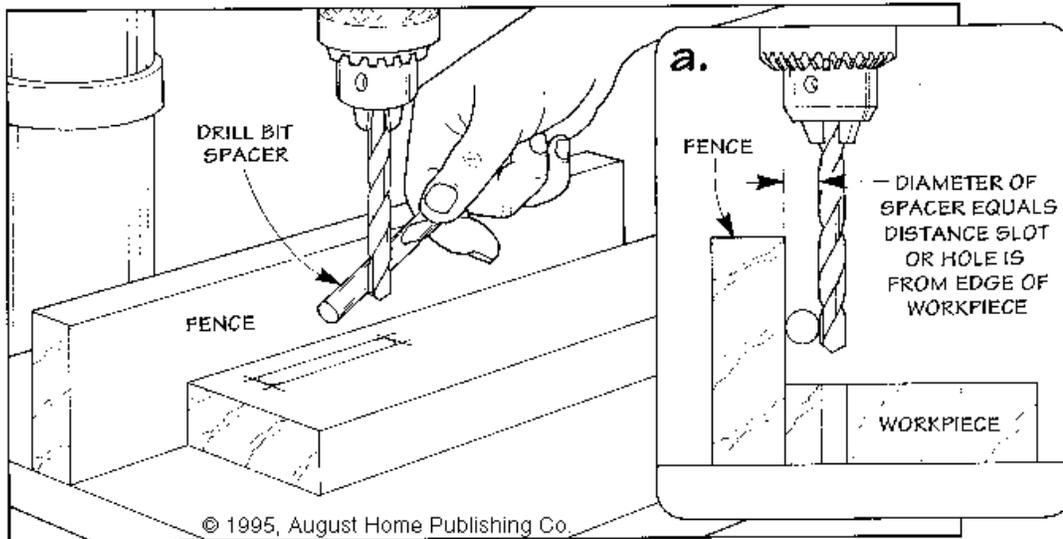
Tower toy and 2x4 box

Short tips

Drill Bit Spacer

Locating a hole or a slot an exact distance away from the edge of a workpiece can be tricky. The problem is measuring between a round drill bit and a flat fence.

To avoid this, I use a drill bit as a spacer, see drawing. Just select a spacer that's the same diameter as the distance you're positioning the fence. Then place the spacer between the fence and the bit, and clamp the fence in place.



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Sunflower Woodworkers Guild membership is voluntary. Our paid dues list will be consolidated after the June meeting, eliminating from that list all those who have not paid their '08 dues. This list determines who gets the Knothole. New and previous members will need to submit new applications when joining.

Newsletter of the Sunflower Woodworkers Guild
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