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## Bushton Manufacturing

Nilus Orth will be discussing using the horizontal router.

### President's Corner submitted by Chuck Saunders

Welcome to the new year! I don't like to dwell on the past and do not intend to make this column a 2012 retrospective. I do want to take a moment to again celebrate our award winners. The Clifford W. Bell Member of the Year Award - John Johnson, Lifetime Achievement Award - Ron Lomax. Our December Show and Tell winners 1st Steve Erickson, 2nd Place a tie between John Tegeler and Jerry Stanley. But that is all the time I have for the past when we have so much coming in our future.

The Woodworking Shows is this month and we will be there at the new location at Kemper Arena. We will have a 30x30 booth and that will take a lot of your completed projects to show what our Guild members can do, and we need members there to tell the story of their workpieces and answer visitors questions about the Guild. We also need demonstrators to give life to their creations during the show. The demonstrations are what attract people to our booth. But before the show on Thursday, we will be hosting "The Skills Clinic", put on by The Woodworking Coach, com-

pliments of the Chidwick School of Woodworking of Montana. Ken Sokol will be heading up building benches and tables for the Overland Park Arboretum using reclaimed timbers from old buildings. These aren't dainty tables, massive is a better description. Our January General meeting will feature Nilus Orth from Bushton Manufacturing on "Using the Horizontal Router". The SIGs are staying busy as well, the Handtool SIG is still on hiatus while Rob plays at the South Pole (said he was still looking for Santa, I didn't have the heart to tell him).

And that is just January! In February we start another NC-101 Beginning Machine Woodworking class and Rob has a class building a side table using handtools. March brings the Lie-Nielsen show, and Dave Kraatz has another project in the works. There is going to be a lot of talk about birdhouses going around. Come April we will have a kitchen cabinet class for everyone that has that little kitchen project in mind. I also want to get a shop tour/crawl going in April so we can track mud into our fellow members shops and see how they setup their

shops.

Like I said there is a lot going on and more on the way. There is a lot for everyone to enjoy and participate in, which reminds me that the Early Bird \$5 discount on membership ends at the end of January so get that membership renewed and don't miss out on anything.



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# Wood Words

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## Selecting the Right Saw Blade submitted by Erwin Kurtz



Sometime we're just lazy! We don't change the blade on our saw when changing direction of cut from rip to cross cut or vice versa. Without a doubt the most important part of getting good sawing results is using the correct blade. Just like tires on a car, the right saw blade on your saw can make dramatic improvements in performance. These days there are a number of different types of blades available so you can opt for the best blade to suit the work at hand.

Some are general purpose while others are designed for specific materials and types of cuts.

Rip saw blades have fewer teeth than a crosscut or combination blade, usually 24 on a 10" blade. The low tooth count combined with the deep gullets and a 20 degree hook angle make for efficient cuts while reducing the feed resistance normally associated with ripping. Within the rip blade designation there are special rip blades such as a glue-line rip. These blades produce a smooth cut ready for gluing

without the need for jointing.

Cross cut saw blades have a lot of teeth, 60 to 80 and an alternate top bevel tooth design.

The bevel angle is sharp, typically 15 degrees, in order to shear the tough end grain fibers. Although a combination blade will cut the end grain, a cross cut blade will leave a much smoother surface. When choosing a blade for a sliding compound miter saw or a radial arm saw pay particular attention to the hook angle if the blade. The blades for these saws have a negative hook angle that will push the stock downward and against the fence to provide a extra margin of safety by preventing the saw from self feeding.

Like most of you I keep a combination blade on my cabinet saw much of the time. The combination blade design, four alternate top bevel teeth with one flat-top raker, it effectively rips and crosscuts both solid wood as well as most sheet goods, although not as effectively or efficiently as specialty

blades. In many cases the small trade off is worth the time saved by not continually switching back and forth between rip and crosscut blades. So, you're probably thinking why not just mount the combination blade in the table saw and leave it there? It depends!! If my project requires just ripping a few boards the combination blade works just

fine. But if I have a big stack of hardwood switching to a rip makes good sense. The large gullets and aggressive tooth angle will smoothly and effortlessly rip all day without bogging down the saw. For smooth miters, using a 80 tooth miter blade with the sharp 20 degree top angle easily shears tough end grain for gap free miters. The point is you can often be more productive by taking a minute and switching to a specialty blade. Next month I will talk about some specialty blades that we have tested at the Guild.

In order to get the most from your blades a few simple guide lines for their care.

*(Continued on page 3)*

## Membership Renewal submitted by George Rexroad

It is time for everyone to renew their membership. You can pay by check, cash, PayPal or Guild Shares.

If you renew before January 31, 2013 you will get a \$5.00 discount. For the members using PayPal it will charge you the full amount. To compensate for this I will add the \$5.00 to your Guild

Shares. These Shares can be used to pay for any class or merchandise. Also, you can log in to the "members area" and use paypal to get the discounted rate.

For those members that joined after Oct 01, 2012 your 2013 dues are already paid.

If you are paying by check or cash you can also pay your Woodturner's dues with me. We will make sure that the money gets back to them,

If you have any questions you can contact the director of membership at [membership@](mailto:membership@)

Thank you

# Wood Words

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## Got Wood? submitted by Craig Arnold



### JANUARY SPECIALS

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## Financial Report!! submitted by Treasurer Gary Mielke

The final numbers are not available yet but it is clear that the Guild had a very successful financial year.

That is due in large part to the volunteers who worked on the Fieldturf projects, the support given the auction, the Hurley estate tool sale, participation in the various workshops and classes to mention just a few.

In order to have an equally successful 2013; plans and budgets are underway. You can help by first renewing your membership before January 31. This allows you to receive a discount. Then get involved and express your ideas for the new year. Before the 2013 budget is finalized, volunteer to be on one of the committees or at least contact a committee

chairman and let them know the types of classes, workshops and seminars you would like in 2013. The goal of the 2013 budget is to include activities that are of interest and will be supported by the membership and keep us on a sound financial footing.

I'm looking forward to 2013 as your treasurer.

## Selecting the Right Saw Blade

*(Continued from page 2)*

Protect the teeth. Carbide teeth are brittle and can be chipped or broken if dropped or allowed to contact other steel surfaces. Use care when installing blades and store them so that they are not in contact with other blades.

Keep them clean. The teeth on a saw blade undergo a tremendous amount of stress

and heat during cutting. As a result, gum and dirt will build up on the tooth surfaces. We have blade cleaner in the kitchen area with a plastic pan and brass brush. Please clean the blades when changing them.

Keep them sharp. When the feed resistance begins to increase or the quality of the cut suffers slightly it's time for sharpening. Our sponsor American Grinding and Sales

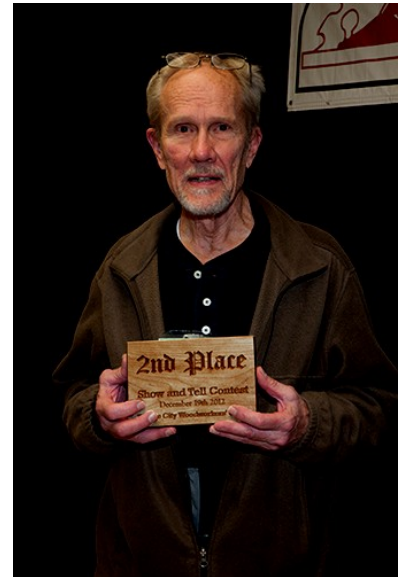
is a great source for putting the keen edge on your blades. If you find a Guild blade that needs sharpening put it on the needs sharpening board located on the side of the brown metal cabinet adjacent to the table saws.

BE CAREFULL and take good care of your blades.

# MEMBER PROJECTS



# MEMBER PROJECTS



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## Increase Your Woodworking Skill and Knowledge

KANSAS CITY WOODWORKERS' GUILD

*The Kansas City Woodworkers' Guild is a great source of information for every level of woodworker from amateur to professional. At monthly meetings, members can improve woodworking techniques and skills through hands on demonstrations, guest speakers and discussions.*

*The Guild supports its own Woodworking Shop, publishes a monthly newsletter with articles of interest, reports of events, notes, & comments, sends out for sale/wanted ads and sponsors' specials by E-mail. Many of our sponsors give members special prices and/or discounts on purchases of select tools and materials.*

## Upcoming Events and Important Dates

January Program – Nilus Orth (or designee) Using the Horizontal Router Bushton Manufacturing

February Program – Chuck Slagle, Shop Safety

March Program – Dave Kraatz

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