



Monthly Messenger

Central Minnesota Woodworker's Association

Volume 4 Issue 8
August 2004

President's Message

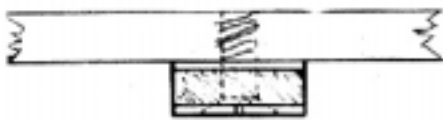
I hope you're enjoying the summer; have we had summer yet? For me, it's hard to spend as much time in the workshop as I would like when the weather is nice.

I will continue with the interview of some additional members in future newsletters, but I needed to take a little vacation. At the August meeting Bob Burnett will show us how to tune up a table saw. I know I need all the help I can get. I was convinced that I needed a good blade on my saw, so after purchasing a new table saw I spent about \$120.00 for a Forrest blade with a dampener. For me it has been well worth it. See you August 18th.

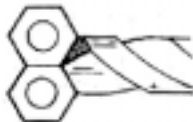
Ron McKeever

Woodworking Tips

by John Caye



Recently I had an accidental cut on a finger by reaching into my toolbox where there was a used razor blade. Since that, I have attached a round magnet to my cabinet over the workbench to hold used blades, and hopefully keeping me from getting cut.



A simple way to determine 118 degree for sharpening drill bits is to lay two standard machine nuts together. This gives you 120 degrees, which is close enough for woodworking.

CMWA Meeting Recap

Sauk Rapids Middle School July 21st, 2004 at 7PM
Recap adapted from secretary's meeting minutes

• Band Saw Tune-up:

- Our July meeting was hosted by member Dan Iburg at his Midwest Motor Sports shop where Rollie Johnson spoke on tuning a band saw and keeping it operating at top-notch performance under varying working conditions. Rollie also stated that the band saw is one of the most valuable tools in a good workshop as well as one of the most versatile. Thanks again for another nice contribution to our club Rollie. See **Band Saw Tune-up** Page 3 >

• Items for Sale:

- Rollie still has one band saw left.

• Monthly Door Prize:

- Dan Iburg won a set of wood scrapers.

• Next Meeting:

- Wednesday August 18th, 7 PM AT Midwest Motor Sports

Suggestions for the CMWA

We are always looking for ways to improve the CMWA. Our monthly meetings are a time for woodworkers to get together, have fun, and possibly learn about woodworking.

If you have an idea of a future topic you would like to see covered or are willing to help out with any future meetings, please let us know by dropping a note in the Name Tag Bucket at any meeting or emailing us at newsletter@thecmwa.com. You can leave your suggestion anonymous or include your name and phone number.

August 2004

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18 CMWA	19	20	21
22	23	24	25	26	27	28
29	30	31				

Next Meeting: August 18th at 7:00 PM at Midwest Motor Sports, 26 1st St S, Sauk Rapids (Behind Checker Auto)
Board Meeting: August 18th at 6:00 PM at Coborn's in

August Meeting

Bob Burnett will be giving a table saw tune-up demonstration at our August meeting. Dan Iburg, owner of Midwest Motor Sports, has graciously allowed the CMWA to meet in his shop for the demonstration. Midwest Motor Sports is located behind Checker Auto Parts in Sauk Rapids, which is between the railroad tracks and the Mississippi River Bridge. (26 1st St. South, Sauk Rapids)

Our Permanent Home

The CMWA board of directors is still looking for a permanent home for meetings. With the renovation of the Mississippi Heights Middle School, we will need to find a new location to hold meetings. If you know of a suitable location, please contact any board member or Ron McKeever.

Thank you.

Central Minnesota Woodworker's Association

President Ron McKeever
Vice President Roland Johnson
Treasurer Dan Iburg
Secretary John Wilson

Board of Directors Cindy Johnson, John Kirchoff, Marty Mahowald, Darren McKeever, Scott Schroeder

Newsletter Darren McKeever
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THANK YOU!

Mathew Hall supports the Central Minnesota Woodworker's Association. Thank you for your business and input on new products. In order to keep up with your needs, please inform us of new products and services you would like to see us provide.

Band Saw Tune-up

A Demonstration by Roland Johnson

by Darren McKeever

The band saw is one of the most versatile tools in a shop. According to Roland Johnson, it would be one of the first power saws he would put in a brand new shop. Keeping in excellent working condition is not difficult, but takes a little time and some understanding of the band saw's mechanics.



Start off by cleaning the tires. Having tires that are free from sawdust and debris will help the blade track true. Tires should be cleaned each time you change the blade.



Install the blade around the tires. Move the guards out of the way while tracking your band saw blade. Slowly

add more tension to your blade. Having the blade tension set properly is a key to a smoothly operating band saw. Each blade manufacturer will have a recommended tension pressure (given in psi). To test the tension, use your finger to flex the blade so it moves about $\frac{1}{4}$ of an inch.

Set the support bearings, both top and bottom, about $\frac{1}{64}$ th of an inch behind the saw blade. Set the blade guides just behind the blade gullets and as close as possible to the blade without pinching it. The blade guides are responsible for keeping the blade straight while cutting.



The height of the upper guard assembly should be adjusted to as close as possible to the work surface. Each time you are milling a different material thickness, be sure to reset the guard assembly to just above the work piece. You should also frequently adjust the guides and support bearings to accommodate guide wear and movement.

Some blades have a drift angle from imperfect manufacturing. This drift angle can be accommodated, but will require additional setup and patience.

There are many different types of blades with teeth designed to cut different materials. In general, bigger gullets will cut faster because they can remove more sawdust. The back of the band saw blade can be rounded over to increase the life of the support bearings and so the back of the blade does not cut into the material as the work piece is turned.

The CMWA would like to give a big Thank You to Roland Johnson.



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Midwest Motor Sports



Next Meeting:
Wednesday, August 18th at 7:00 PM
at Midwest Motor Sports, Sauk Rapids

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