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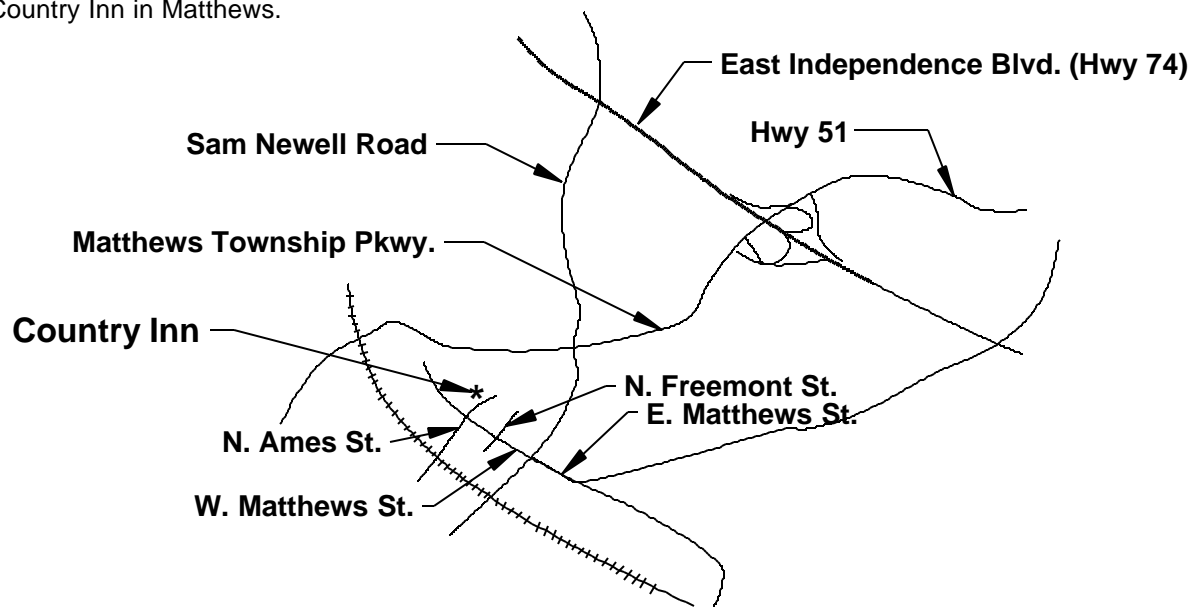
THE CHARLOTTE SAWDUST

The Official Journal of
The Charlotte Woodworkers Association

www.charlottewoodworkers.org

Upcoming Event for December

There will **not** be a regular meeting in December. Instead, the annual Christmas party will be held at the Country Inn in Matthews.



The 2002 Charlotte Woodworkers Association Christmas party will be held December 16th at the Country Inn in Matthews, NC.

Tickets to the Christmas party will cost Association members \$6.50 as CWA is paying half of the \$13.00 per person cost. Tickets can be purchased from our Treasurer, Mr. Neil Brunck, or at the door. **If you plan to attend, but do not have tickets, please call and let Neil know so that he can provide a more accurate attendance estimate to the restaurant.** You can contact Neil at 704-521-8480 or at nbrunck@carolina.rr.com. Tickets will also be available at the door the night of the dinner.

Let's all bring something that we've made (or several things) that can be given out as gifts to our dinner dates. It's always more fun when everyone gets a present!

The address of the Country Inn is 341 N Ames St, Matthews, NC 28105, and the telephone number is 704-847-1447. The maps above should help you find the restaurant. Dinner starts at 6:00 PM and the format will be a buffet.

Officers Elected for 2003

Election of the following officers for 2003 was confirmed at the November meeting.

President

Wayne L. Manahan wmanahan@vnet.net

Vice President

Bruce P. Bradford bradfordbp@aol.com

Treasurer

Jaye Peterman jppeterm@bellsouth.net

Secretary

John W. Cahill Jr. jwcahill@gonetinnovations.com

New Snack Coordinator Volunteers

Dick Thomas will take over the duties of Snack Coordinator beginning in 2003. He succeeds Dwight Hartsell. If you have special dietary needs, please let Dick know. This helps ensure that there is always something for everyone when it comes time for refreshments.

CWA Mentor Program

The following members have offered their help to anyone interested in learning skills or new techniques in their area of interest. Contact the mentor directly to arrange times to get together if you are interested.

Name	Area of Interest	Phone	Email
Wayne Cooper	***	704-409-1417	cooper@ARconmfg.com
Bill Golden	Shopsmith & Totalshop	704-525-9691	popstoyshop@earthlink.net
Dwight Hartsell	Woodturning	704-598-6029	woodwight@aol.com
Jeff Jacobs	Any wood thing	704-309-1263	jacobj@meckco.com
Wayne Manahan	Sharpening	704-786-0768	wmanahan@vnet.net
Gil Milsaps	Windsor chairs	704-875-0758	GAD23ABOUT@aol.com
Alvin Tench	Any Woodworking	704-824-7717	Alvintench@netzero.net

*** Wayne Cooper has a fairly complete shop and would actually like an experienced woodworker to use it and teach him how to use it properly in exchange for use of the shop. If you'd be interested in helping Mr. Cooper, please contact him directly to make appropriate arrangements.

Anyone interested in offering their time and services as a CWA mentor, please send their information to Wayne Manahan at wmanahan@vnet.net

DeWalt Representative Presents DeWalt's New Line of Routers at November Meeting

DeWalt Field Marketing Representative Amanda Campbell presented a new line of DeWalt routers at our November meeting.

Dues are due in January

It's almost January and time to pay our membership dues for 2003. Dues can be paid at the meeting, or they can be mailed to our new treasurer, Mr. Jaye Peterman, at 3828 Selwyn Avenue, Charlotte, NC 28209.

In 2003, dues for renewing members will be \$25 if paid by the end of February.

Late renewals, those paid in person or postmarked after the last day of February, will be charged at the new member rate of \$30. The provision for a late charge was adopted by the membership in the new bylaws ratified late in 2001. It is only courteous to pay your dues promptly, and it makes running our organization much simpler.

Dues for new members will remain at \$30, as they were in 2002

E-mail Option for receiving "Sawdust"

E-mail delivery of "Sawdust" is available. I understand that many members don't have convenient access to e-mail, but if you do, and don't already receive the newsletter that way, consider switching to softcopy.

When you receive the newsletter via e-mail you have the benefit of getting color photographs, and you get quicker delivery. To sign up for e-mail delivery, please e-mail a request to jwcahill@gonetinnovations.com and your delivery method will be changed.

\$\$\$ Shop on Meeting Nights for Special Savings \$\$\$

The Woodworking Shop is now extending a 20% discount to members of the Charlotte Woodworkers Association on all items (except for power tools and lumber) purchased on the day of the meeting. So if you shop the day of the meeting, you'll save 20% instead of the usual 10%. We'd like to thank The Woodworking Shop for making these additional savings available to us.

Classified Section

For Sale:



Vertical/ horizontal metal cutting bandsaw with 8" cutting depth by Carolina of Traveler's Rest, SC. Saw has a new motor with less than 10 hours of use. Blade is 115 1/2" by 3/4". The unit is 41" high and 51" wide. Will sell for \$500.00.

Contact Rick Hartsell at 704-238-0682



Craftsman 10" radial arm saw with 1 mo. old motor with 1-year warranty. Can be wired for either 110 or 220 volt. New this would cost \$800.00, will sell for \$375.00.

Contact Dwight Hartsell at 704-617-0188.

Multico Mortising Press, Model #PM12. Purchased from Garrett Wade and has never been used. New it cost \$375.00, but will sell for \$225.00.

Contact Dwight Hartsell at 704-617-0188



Approximately 150 board feet of one-inch thick Heart Pine - various widths from 3 – 8 inches. This wood is approximately 100 years old. Asking \$100.00 for all. Contact Mike Patterson at 704-435-5179.

Wanted:**Need Help with JessEm ROUT-R-SLIDE™**

Patrick Perry needs a tutor who can help him learn to use the JessEm ROUT-R-SLIDE™ to make dovetails. He's willing to pay for your time, or swap some exotic lumber for your help. If you are able to help you can contact Patrick at 803-366-6080. He says that you may call collect.

Firewood

I'm looking for free firewood. I'll cut it and haul it, and if it is a standing tree that is safely away from structures and electric lines, I'll be glad to cut it and clean up the mess. I am not interested in conifers of any kind, and I can't split large sweet gum trees. If you have something that might work for me send me e-mail or talk to me at the Christmas dinner or at the January meeting. Thanks. Wayne L. Manahan, wmanahan@vnet.net

Gary Kaufmann demonstrates Hoffmann Dovetail Joinery System

Gary Kaufmann, a sales representative for the Hoffmann Dovetail Joinery System, demonstrated a rather unique joinery system at the November meeting. A precision cutting router motor, coupled with a system of bits and matching "double dovetail" keys, provides the foundation for a joinery system that produces strong, tight-fitting joints in minimum time and without the necessity to use external clamps on the pieces being joined.

Gary demonstrated the MU-2 machine which retails for \$2,200.00. Here's what Hoffmann has to say about the MU-2:

The "Hoffmann MU2 bench-top routing machine is equipped with a high-speed router motor, located at the center of the machine. The supplied 45-degree fence plate, which is guided in a keyway in the machine table, is used to accurately position the material on the table. The location of the dovetail slots for the Hoffmann Keys is adjusted by simply moving this fence plate. Once set, the plate is locked in place and the routing sequence can begin.

Pulling the main lever starts the routing operation. A hold down plate will be lowered onto the workpiece, pressing it on the table and holding it in place. Further pulling will lift the motor carriage up until the preset routing height is reached.

The motor is switched on automatically by pulling the lever, it is switched off again when the lever is returned to the home position.

Two springs in the lever mechanism counteract the pull down force, which ensures controlled movements throughout the routing process.

On its backside, the large heavy-duty cast aluminum machine base has a 1 3/4-inch diameter dust collection port to connect a shop vacuum for dust free operation.

Output is approx. 16 routing strokes per minute, which translates into 2 completely processed rectangular frames. These numbers include material handling, but obviously depend on routing depth, feed speed, material flow and operator performance as well.

The supplied router bits are solid tungsten carbide, made to exacting specifications. Depending on the routing depth and the material to be routed, the useable cutter life is approx. 10,000 strokes. Every machine is shipped with a tool kit and set-up jig, which allows a router, bit change in only minutes. Diamond cutters are also available."₁

After Gary explained how the machine worked, showed examples of joints that had been made with it, and made a few joints to show us exactly how simple and effective it was, he let members try it out.



Members got to try the tool to join miters

When I tried the machine, it cut almost effortlessly. The travel of the operating lever was smooth, and it moved easily. There was no noticeable play in the mechanism, it felt like a precision machine. I found it impressive, but as another member put it "for the price, it should be".

I can see where this would be a real time-saver in a production shop doing a lot of crown molding, or face frames, or even picture frames. The range of key sizes would cover most needs that I can imagine for normal furniture or house trim, as well as for smaller items.

Hoffmann recommends using glue in all joints, just as you would with traditional clamps.

They also offer wooden key material to use to "plug" over the plastic keys if you want to use the dovetail effect for decorative purposes.

The plastic keys are tapered and when you drive them into the slots that have been cut to receive them they pull the joint up snug. From what I can see, it's as tight as any joint you'd get by using clamps.

The bit life on one of the tungsten carbide bits is estimated to be 8,000 to 10,000 cuts.

There is a less expensive model, the MU-C, available for the small shop, it has a 3" stroke, versus a maximum stroke of 5" for the MU-2. The MU-C is priced close to \$1,000.

If you have production work to do, and the situation can be adapted to take advantage of Hoffmann Dovetail Joinery, it would be wise to investigate this machine.



Gary demos method to join crown molding using the MU2

1. Description from the Web page entitled " Hoffmann Machine Company USA " at URL <http://www.hoffmann-usa.com/docs/mu2.htm>, Copyright 2001 by Hoffmann Machine Company (Please note that Hoffman seems to have titled all of their web pages " Hoffmann Machine Company USA ". This means the title is pretty much meaningless with regard to identifying a particular page.)

H & S LUMBER

Mr. Robert Boland, Manager
4115 Monroe Road
Charlotte, NC 28205
704-333-3130 (sponsor)

Harbor Freight USA

3852 E. Independence Blvd.
Charlotte, NC 28205
704/569-0182
Martin Treadwell, manager
(contributing)

THE WOODWORKING SHOP of Charlotte

Mr. Tony Collums, Manager
116M Freeland Lane
Charlotte, NC 28217
704-521-8886
(contributing/sponsor – except power tools & lumber)

WOODCRAFT

Mr. David Boyuka
1725 Windsor Square Drive
Matthews, NC 28105
704-847-8300 (contributing)

Show your CWA membership card at any of the Listed places to receive benefits (except for WOODCRAFT and Harbor Freight USA, which are unable to provide sponsorship in the form of discounts).

2002 CWA Officers

President	Michael Rosenberg	704-643-7612
	rosinbag@carolina.rr.com	
Vice President	Mike McCabe	704-676-4869
	aikenlaiken@aol.com	
Secretary	Wayne Manahan	704-786-0768
	wmanahan@vnet.net	
Treasurer	Neil Brunck	704-521-8480
	nbrunck@carolina.rr.com	

The Charlotte Woodworkers Association

Wayne Manahan, Editor
6516 Weldon Circle NW
Concord, NC 28027-8018
wmanahan@vnet.net

Christmas Party:
December 16, 2002
Tickets \$6.50
