



CAPITAL AREA WOODWORKERS

WOODSHOP ADVISOR



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Upcoming Meetings

Sept 4, 2012 Meeting
*(Please note date change from Sept 5
 AND A CHANGE IN THE PROGRAM)*
Social Time and Dinner 5:15 to 6:30
Meeting starts promptly at 6:30)
MCL Cafeteria
2151 Wabash Ave
Springfield, IL

Program
Refinishing furniture

Presented by

Ric Thompson & John Forneris

CAW Officers

President	Bob Wire	529-4426
Pres. Elect	Dennis Gross	782-8291
Past President	Ron McDonald	782-8291
Treasurer	Jim Roles	487-7173
Editor	Dick Metcalf	498-7354
E mail:	Caw.woodworker@sbcglobal.net	
Web Master	Chuck Frank	787-5145
Video Libr	Frank Tureskis	483-3669



Aug Meeting Notes

By Dick Metcalf

Ron McDonald open the meeting at 6:30. President Bob Wire was out of town on business.

Announcements:

- George Wilber said his son Tom got out of his woodworking business and has some free wood to give to CAW members.
- Roland asked— for a friend— if someone was interested in restoring an antique pool table by removing some formica laminate and restoring it with walnut veneer.
- Ron said Bob Wire is working on a day trip to Effingham on October 8 or November 12. It would be an entire day of travel, a dinner meal and visits to some interesting wood related businesses. There seemed to be sufficient interest for the trip. The members asked the officers to select the date.
- Frank Lewis will be recording the minutes of presentations tonight.
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Program Meeting Notes
By Frank Lewis

The first part of the Program was on Construction of a Vacuum Machine presented by Dick Metcalf.

Dick explained how he built his relatively inexpensive vacuum press. He stated that he obtained the instructions for building his press from the website of “JoeWoodworker.com”



His machine consisted of a vacuum pump, an electronic controller (to turn pump on and off to maintain a controlled vacuum), reservoir tubes, vacuum gauge, tubing and a vacuum bag. He spent about \$200 for materials except for the pump which he purchased used from Jerry Szachnitowski.



Dick said that the selection of the bag used with a vacuum press is important. You can use vinyl, or polyurethane. Polyurethane will last longer, and now is affordable for the average woodworker, (about 1 ½ times the vinyl). You need to know what size is required for your projects as this will effect the size of the press motor. Dick has a 4" x 4" polyurethane bag which works well with his press.



He said he saved about \$100 to \$200 building his press rather than buying one. His last comment was if you are considering doing Veneering, visit the website of “Joe Woodworker.com” as there are pages of helpful information on Veneering. **(Continued on p 3)**

Notes from Dick— As I finalized this Newsletter, I came across another article on building a veneer press that you will find informative.- <http://www.popularwoodworking.com/woodworking-blogs/editors-blog/>

Show and Tell

David Grub brought in a copy of Fine Woodworking and talked about CRC 336 to clean table tops etc. CRC products can be found at Fastenal.

Norm Koener presented three candle stick holders he turned on his lathe. The design was originated by Rudy O. who taught in Berrea, KY for many years.

The second speaker was Roland Folsø who talked first about the veneering process, and then about bending wood. He noted that most furniture today is veneered.

He uses a commercial vacuum press that provides from 18 to 25 inches of mercury. First you have to select the type of veneer you wish to use. There are many types available including hand sawed, paper backed, adhesive backed (not real pretty) etc., and in most local types of wood..



Some of Rolands' tricks to veneering:

1. Veneer on good solid substrate. Roland normally uses MDF. Work on a smooth, solid work surface.

2. Use a fine notched trowel to spread glue, not a roller. Many types of glue can be used..

Roland uses Titebond III.

3. Tape veneer in place to keep from moving.. On curved surfaces tack edges at high points and tape low sides. .

4. Must veneer on both sides of substrate.

5. Vacuum press 4 to 5 hrs. or overnight. Cure the glue for at least 12 hrs.

6. If veneering over curved surfaces, be sure to have curve properly reinforced.



Roland also talked about bending wood. Some of his secrets to bending are:

1. Need to make a box for steaming. It must be able to breath or is may blow-up.

Also needs a drain line so that water does not build up to a point where the wood s touching it. Wood should be elevated off box bottom.

2. Need a heat source to provide steam and a kitchen thermometer that will measure up to 200 degrees.

3. Steam material 1 hr/1 inch thickness

4. Use wood that has been air-dried to 12 to 15 % moisture content.

5. Use straight wood .

6 Be sure to use heavy forms and heavy clamps to hold bends in place..

Also clamp bending forms to work bench.

He also suggested that most bending is a two person job.

