



Contains June 2010 Minutes

July 2010

Thanks to **Keim Lumber Company** for hosting our June meeting & the Tour of their mill in Charm, Ohio June 19, 2010.



This saw has a large sliding table that moved with the touch of a finger!

The Keim Lumber tour was sponsored by Keim Lumber management of the molding and trim departments. They currently have about 25 employees in the main office and another 100+ employees in the factory and construction division. The main office is where the orders originally come in from the customer and then are detailed to the order blank. If there are any profiles that are not in stock, then the profiles are sketched with a computer and approved by the customer prior to manufacture of that molding. All detail work is done on computers and then sent to the factory floor by computer and fed into the specialty machines. They do have regular stock items that are made up ahead of time and stored on site waiting for their customer base to purchase them. They also

have a specialty room where the unique projects are constructed. Their main product line would be the moldings that they make up and the entrance doors needed in the construction business. They utilize butcher block design glue ups for many of their projects as well as a full 1/8" veneer for surfacing as well as any kind of radius work.



This only looked like a train car, it's an enclosed CNC molding machine

Keim Lumber does have stock doors in their inventory, but will make up any specialty door if the drawings are submitted and approved by all parties. There currently is a 4 week waiting period until the doors are completed. They do have some exporting of doors to foreign countries but most sales are domestic. All stock moldings for the doors are made right in their shop for use by their craftsman. If any special molding is needed, then they will have to grind a new molding

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knife for that particular profile. Approximately 40% of their work is for custom profiles in moldings and doors. They have a philosophy that no order is too small for them to fill. It was stated that "if you need a two foot piece of molding, they will make it and sell it to you". Keim Lumber has not experienced a downturn in demand due to the poor economic conditions that currently prevail. In fact, their business has been on a tremendous increase. They currently are working the plant factory in overtime conditions for two or three nights per week, until about 10 pm in the evening. They do mostly residential work with the remaining business focused on small commercial enterprises.



These are custom made forms for making specialty curved pieces.

The process of an order is that the order is made up and a design is drawn on their computers. Then it is sent to the customer for their approval or adjustments are made to the original. At that point, a plastic template is made up with the profile desired. They will then take a piece of bare metal and grind a metal knife to match the plastic template. They currently charge \$50 per inch for the new profiles. At their current rate of production, they are averaging a new knife grinding every day to meet the demand. The new profile or knife is given a number and that cutter is stored forever in their shop in case that molding is ever needed again.

They purchase their wood in a kiln dried condition and locate it in their major cut room where there are many cut off saws located for use. Here the lumber is sized to the needs of a particular project with customer approved specifications. The poplar and walnut wood is brought in green to the factory and they dry it on site because of the special drying characteristics needed for these woods.

If a project has a large curve or radius, then this is made up on curved forms. These forms are constructed out of plywood in large half circles with a smooth surface for the shape desired and in the radius or diameter needed. The wood of choice is band sawn to 90/1000 thickness, sanded both sides and then glued together on the curved forms. The glue ups are held together with band clamps around the whole process. The glue of choice in this operation is Titebond I or II.

Other hardwoods are sent to the double sided planer where the wood is planed to 15/16" so that it is ready for use on other projects. It will then be determined what the exact sizes are needed and they are produced in other locations in the shop. The wood is then milled to specifications needed for those particular projects. Every project or special project has drawings made up with every piece shown, designed, and listed. This is to eliminate any errors in construction and later have the project rejected.



Above is a Glue Rack larger than most of our shops

They currently have six molding machines with molding head cutters and they are run every day to manufacture moldings. Two of the machines have an automatic knife set up where the molding cutters are set in position and then the machine perfectly aligns the cutters to make a perfect molding. All standard profiles are power sanded so that they are ready to finish of the customer specifications.

They also have CNC routers that are made in Italy and these are their most expensive machines. They can use a computer to design the direction of the router and lay flat material on the beds and have it cut by the router. They currently can take up to 14' board lengths and router them to specifications.

Sawdust and wood shavings are cleaned out from under each machine at the end of the shift with a large air hose. Then the chips are swept to the center of the floor and two or three guys will sweep up the aisles. Most sawdust is purchased by the local Andreas Farms for cattle bedding.

This tour was much appreciated by our members. It certainly gave a new concept of a wood shop.

Respectfully submitted,
Jerry Schaible, Sec.

On the right are three photos of the sales floor taken from the second floor balcony.

At the bottom of the page is a photo of a cherry panel under construction that appears to be part of a stairway.



BUCKEYE WOODTURNERS AND WOODWORKERS

The Meeting was called to order by President Bill Stone at approximately 9 AM at Keim Lumber Comp. in Charm Ohio. This is located about 15 miles south east of Sugar Creek, Ohio. Bill welcomed all the members to the Keim conference room and hoped that they had a safe journey through the scenic Amish farm country. He indicated that there would be a very short meeting of BWWT and then we will be able to have a tour throughout the molding plant. He indicated that many of the machines viewed on the will have cost around \$300,000 some a few of them much more than that. After the tour, we will be allowed to wander through the store and look at the tools and equipment as well as the Exotic Wood Room. Discount cards will be given to all members of the club for use only during the tour day.

It was noted that there were post cards available through George Raeder to send to anyone you wished. These post cards were specially created by the Wooster Art Show officials to advertise the upcoming woodturning show in Wooster Ohio.

Our next meeting will be our annual auction of equipment, wood, and tools, and it will be held at 9:30 AM on July 17, at the Y Noah pavilion which is located west of Lake Y Noah. Entrance to this area is located off of Christman Rd., which lies just to the west of the Y Noah entrance on Mount Pleasant Rd. There will be a BWWT sign on the side of the road where the entrance road to the pavilion will be. Bill indicated that the regular auctioneer will be absent, due to travel commitments and so the president will step in and provide his services. He asked that members help him out by providing some liberal bids for the equipment offered for sale. Members are to bring any items that are unused in their shops and donate them to the auction. Hart-

ville Hardware will be donating many new items from their store and Doll Lumber will be donating many turning blocks from their sawmill. It is hoped that everyone can attend this annual event.

There is still a possibility that we can have a joint day with Northcoast Lumber at Doll Lumber facilities. This would not be a regular meeting but a time to visit the lumber mill and purchase some of the turning blocks that they have available. Currently, Aug. 28 is being considered but nothing has been established as a final decision with Doll Lumber. There will be more on this at the July meeting.

Items for the Wooster Woodturning Show are to be brought today in boxes for transport to the show. If you would still like to show a piece and enter it in the contest, then you will have to take it to Larry McCardel or George Raeder, personally, by July 8. Make arrangements with them to collect your work and have it submitted.

Bill thanked approximately 18 members of BWWT for their contributions and help in remodeling the restroom facilities at Camp Y Noah. The administration at Camp Y Noah and the campers have thanked us for our efforts. It was truly amazing how so much work was accomplished by the BWWT members, considering how large the project was. In two days of work, they removed and replaced approximately 16 sinks and counter tops, as well as securely fastening them to the floor and walls. This certainly will be used for many years to come.

Some members of BWWT have met on Wed. nights at Camp Y Noah to teach the young campers how to turn small flower vases and 7mm twist pens. There are usually around 10 young campers who come to the evening activities and they are mentored by about 10 members from our club. The kids have

shown much appreciation when the evening is over. The young campers come from all over NE Ohio. Ben Fix will email members on Monday and request their help if they are available. Members are to respond if they are available to help.

Pres. Bill Stone informed the membership at the meeting today that he has received numerous calls from the wives and they indicated that the husbands should purchase whatever they wanted during the tour today. A hearty cheer rose from the crowd.

Bill Seabolt indicated that there are still some spots available on the Hands On session for the Michael Kehs demo and workshop. He said that the price would be \$50 for an all day session. He also mentioned that shirts and name tags would be available at the July auction of BWWT.

Darrell Dube, current president of Northcoast Woodturners indicated that there will be an Ice Cream Social in Strongsville on July 25 and all members of BWWT are invited. Those interested in attending should check the northcoastwoodturners.org website to locate a map to the location.

The regular meeting in August will be held at the regular lower level location. The demo will be given by the Mirka representative and show the latest innovations in sanding techniques. There will be samples of his product available, but all purchases for members needs to go through Hartville Hardware. The Sept. meeting will feature turned Christmas gifts as well as a Turn and Learn session.

The Oct. meeting will be the carved embellishment presentation by Michael Kehs on his unique style of woodturning. There will be no charge for the Sat. event, however the Hands On sessions on Sunday and Monday will cost \$50 per person. There are some spots available and one should contact Bill Seabolt for registration.

The Nov. meeting will feature a demonstration on woodturning jewelry.

The meeting concluded with the Keim lumber tour to follow.

Respectfully submitted,
Jerry Schaible, Sec.

Below are additional photos of the Keim mill operation.



Calendar of Events

The July meeting will be our annual auction at Camp Y-Noah, in the pavilion off Christman Road on Saturday the 17th.

Please enter from the Christman Road entrance near the spillway and dam area of the lake. Parking is available in front of the pavilion. All members are encouraged to peruse their shops for wood and equipment that are no longer needed and donate them to this club auction. This is the biggest money maker for the club. Members are encouraged to bring their equipment and begin the bidding process.

Thursday July 15th, 6 to 8PM is the wood turners reception at the Wayne Art Center in Wooster. The show will run thru August 28, it's free and open to the public. Good luck to all those who entered pieces.

August Meeting; The regular meeting in August will be held at the regular lower level location. The demo will be given by the Mirka representative and show the latest innovations in sanding techniques. There will be samples of his product available, but all purchases for members needs to go through Hartville Hardware.

The Sept. meeting will feature turned Christmas gifts as well as a Turn and Learn session.

The October demo will highlight Mike Kehs from Pennsylvania. He is a woodturner / carver and his topic will be to show carved enhancements to our woodturned bowls and vases. He will have an all day discussion on Oct. 16, 2010 and then a hands on session on Oct. 17, with 8 participants in the class. If there is a further interest, he might be able to hold a second hands on session on Monday. The Sat. session will be free but there will be a \$50 fee for each hands on session.

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