

Northwest Woodworkers Association

THE SAWDUST NEWS

July 2013

<http://www.nwwoodworkers.org>

Next Meeting:

Annual Member Picnic

July 25, 2013

► 5:00 PM ◀

Ed Moore's Ranch
12615 SE 192nd St
Renton, WA 98058
253-854-5781

This interesting and informative meeting was held at the Clear Vue Cyclones facility in Kent. Even prior to the start of the meeting, while enjoying sandwiches and drinks offered by Clear Vue Cyclones, members couldn't help pressing the owner, Paul Bushey, for information about his unique and highly effective chip and dust collection system.

Paul Stoops called the meeting to order for the 20 members and 2 guests, Paul and Diane, at 6:35 PM and the more formal presentation commenced. For the next two hours Paul Bushey and his staff members walked the Association members through the product details, system design, manufacturing process, marketing and customization features, and customer support that Clear Vue Cyclones stands for.

Paul Bushey and his two brothers bought the design and the manufacturing business from the original owner, Ed Morgano, in 2009. The Clear Vue cyclone design is based upon an original Bill Pentz design. (Note: a Google search of his name, Bill Pentz, calls up extensive design features and information about the unique Clear Vue Cyclone dust collection system). The Kent site is where all the manufacturing is currently done. However, due to a better economic climate, Clear Vue Cyclones will soon be moving their manufacturing operations to South Carolina. In their new facility, Clear Vue plans to develop new products including a metallic version of their current plastic cyclone design to better comply with industrial standards.

Clear Vue Cyclones makes two cyclone models, differentiated by the size of the fan impeller and the size of the intakes. Both models use a 5 HP, 220VAC motor, requiring a 30 amp circuit breaker. The CV 1800, which employs a 15 inch diameter fan impeller, pulls 1400 CFM through a 6" dia. intake and is suitable for a typical two car garage size shop with 8 ½ ft. ceiling. Paul Bushey mentioned some customized ways to accommodate the overall height, such as installing the motor in between floor joists above the ceiling. The CV MAX uses a 16 inch diameter fan impeller and pulls 2000 CFM through an 8" diameter inlet, making it better suited for commercial application. Both models require a fully sealed ducting system to ensure maximum performance. The Clear Vue Website (<http://www.clearvuecyclones.com/>) offers expanded information about all of their products, installation recommendations, and a photo gallery of user installations.

Members then moved into the shop where the manufacturing process was demonstrated. A CNC router is used to cut out the highly contoured pieces for the fan housings from sheets of high density MDF, and also some of the plastic parts. To facilitate forming, the 1/8" thick PETG plastic is heated to about 200°F in a small oven and hand formed over wooden tools to make the plastic cones and barrels which constitute the "clear view" feature of this unique dust collection system. An important unique feature of the Clear Vue Cyclone design is the internal spiral ramp which initiates the circular movement of the woodworking debris to improve separation. Similar heating and forming operations are performed on other plastic parts used in the manufacture of accessory parts.

Throughout the tour and walk-through there was abundant information about dust collection science, physics, and practicalities. All attendees benefited greatly. The Northwest Woodworkers Association thanks Paul Bushey and his staff for their hospitality and presentation.

Meeting Minutes provided by Jan Erickson, Secretary (with minor technical editing by P. Stoops)

STEERING COMMITTEE REPORT

Thanks to Jan Erickson for providing the Meeting Minutes of the June meeting – Great job, Jan!

We are still in need of a backup Secretary to take notes at meetings which our Secretary, Jan Erickson, is unable to attend. Please consider volunteering for this important role. Only informal notes need be taken – they will be edited for use in the Newsletter. This is your Association – please support it with your willingness to help by becoming a proactive member.

UPCOMING EVENTS

Our July 25, 2013 meeting will be our annual Association Picnic. Member Ed Moore and his wife Marly have graciously invited us to have the picnic at their wonderful ranch in Renton, again. We have truly enjoyed our picnics there in previous years. Ed grills a mean hamburger and some pretty skookum hotdogs! Come and enjoy them with all the delicious trimmings.

This is a potluck event again, so please bring a salad or dessert to share with the group. Beverages, including beer, soft drinks, and water will be provided.

Everyone is invited – please bring your spouses or significant others so we can meet them and enjoy their company.

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Association Officers

President—Open Position
Membership—Allen McCall
Treasurer—Chris Green
Secretary—M. Erickson
Raffle—Herb Stoops

Steering Committee

Allen McCall
Chris Green
Herb Stoops
Paul Stoops

The following are volunteer positions and are not Officers of the Association

Webmaster
Tom Howorth
thoworth@gmail.com

Newsletter
Steve Krauss
catbert@oz.net
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Photographer
Scott Wilson

A forum for woodworkers of all skill levels to share their common interests



Northwest Woodworkers Association
 Steve Krauss, Newsletter Editor
 16204 Main St
 Bellevue, WA 98008

Member's Discounts

Crosscut Hardwoods

4100—1st Avenue S.,
 Seattle 98134

10% Discount

Rockler Woodworking

3823 Stone Way N.
 Seattle 98103

10% Discount (not valid on power tools)

Woodcraft Supply

5963 Corson S.,
 Seattle 98108

10% Discount (not valid on power tools or workbenches)

Edensaw Woods

8032 S. 194th St.
 Kent, WA 98032

Rockler Woodworking

345 Tukwila Parkway
 Tukwila, WA 98188

10% Discount (not valid on power tools)

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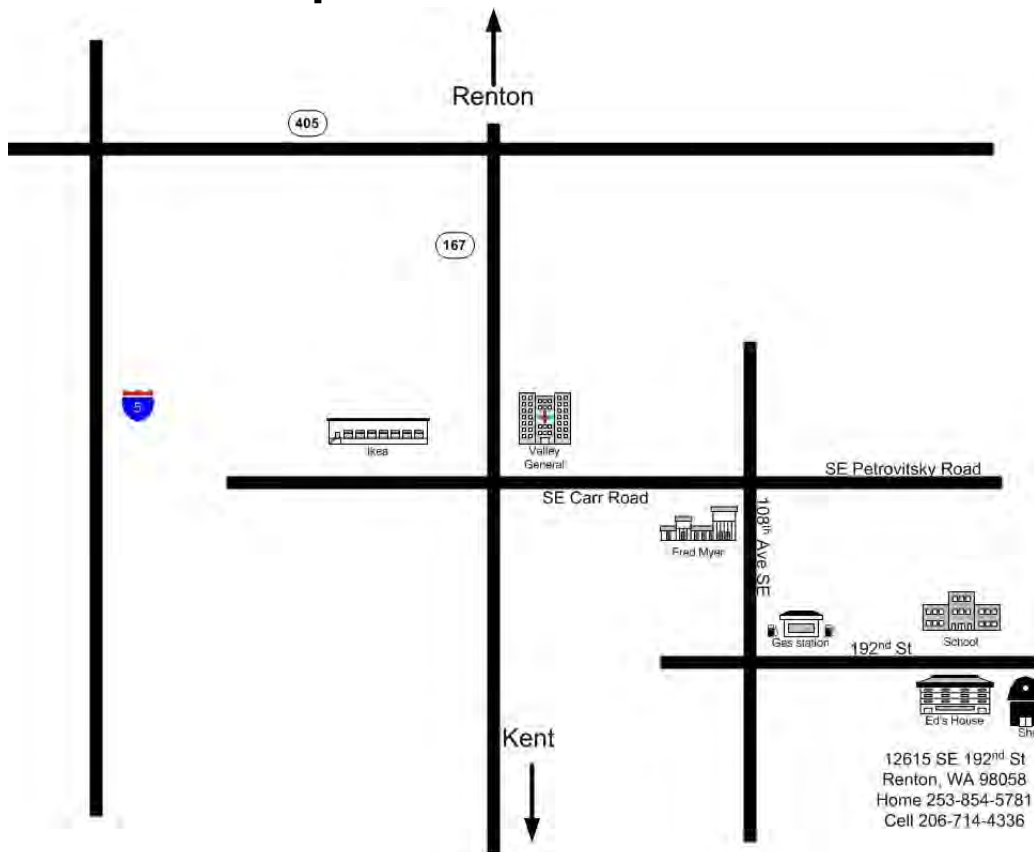
There will be no Show 'n' Tell or Raffle or program presentations.

Come as early as 5 PM and socialize – food will be served around 6:30 PM.

The location of Ed Moore's home is 12615 SE 192nd St. Renton, WA 98058. (Phone: 253-854-5781) A map and driving directions will be found elsewhere in this Newsletter.

As a final note, be working on those secret projects for the 2 x 4 Challenge to be held at our August 30, 2013 meeting..... \$110 in prizes to be awarded!!

Map to Ed Moore's Ranch



WOODWORKING EQUIPMENT FOR SALE

TABLESAW: Rockwell Unisaw 10 inch, 3 hp on 220V. Router port in right hand extension. All standard accessories, plus roller stand. \$950

LATHE: Grizzly 6 x 34 inch variable speed on heavy duty stand. Includes six SORBY cutting tools. New. \$650.

HORIZONTAL BORING MACHINE Very heavy duty commercial grade for the serious furniture maker. Cast iron floor stand/base. Three axis table. \$300.

JOINTER/PLANER: Makita 6 inch long bed jointer on stand, with 12 inch planer. \$350.

BANDSAW: 14 inch Delta. Long rails, rip fence, light included. On sturdy iron stand. \$300.

CHOP SAW: Rigid 10 inch cut off saw complete with roller side extension. Configured as a site tool with roll around base. Very little use. \$150.

AIR COMPRESSOR: Twenty five gallon tank, 2 HP, on roll around stand. \$125

WELDING EQUIPMENT: MIG30 with large gas bottle \$200.

METAL GRINDER: Two 8 inch wheels. Floor stand. \$80.

STORAGE CABINETS: Two sturdy work surface cabinets with drawers and solid hardwood tops. \$10 each.

DISK SANDER: 12 inch bench top unit with two spindles on adjustable table. \$20.

HORIZONTAL BORING MACHINE: This is a bench top INCA three axis router powered device. Router included. \$100.

WORKBENCH: Classic European style, solid beech. Side and end wooden vices. Top is 20 x 68 inches. \$450.

PORTABLE BAND SAW: \$50.

TILE SAW: Recently purchased and set up but never used. Includes table extension. \$350.

LUMBER: 6/4 oak, 4 to 12 inch widths, up to 12 feet long. \$3.00 a board foot.

TERMS AND CONDITIONS: All sales are cash only, as-is, where-is.

CONTACTS: For more information, contact owner: Mike NAKAYA at 253-224 6338. Email: RANGERMJN@YAHOO.COM or guild member David BEYL, 206-409-1321. Email DDBEYL734@AOL.COM. Inspection of goods by invitation only.

June Meeting Photos

Photos by Scott Wilson









