

SOUTH BAY WOODWORKERS' NEWS

Volume 22, Issue 10

October 2014

President's Column

By Fred Sotcher



The meeting at the Tech Shop was very interesting and quite well attended. Thanks to Ron Gerard and Mike Wirth for setting it up.

We even had seven guests attending, three of which elected to join us as members.

I hope that we continue to look for places we might visit. You can learn so much by visiting an actual work area. I understand that Tracie is working on a Saturday field trip for next year. Way to go Tracie. Speaking of Saturday tours, should we consider having shop tours of our home shops as we did a number of years ago?

Tom Kenyon and I have started working on the replacement door for the church. It's an interesting project. Lou Thorpe has offered to provide technical guidance when it comes to hanging it.

I think Ken Horner will soon be looking for some members to help with the advent candleholders project for the church. If you have not been active in one of our projects yet this year, this is your chance to experience the joy of working with others in the club.

As we have several new members and guests I am bring back nametags for everyone, except this time they are one time use so we don't need to try and collect them after each meeting.

I hope we all make an effort to chat with our new members and guests and help make them feel welcome. Thank you!

Don't forget to bring a woodworking friend and your latest project for show and tell.

See you at the Church,

Fred Sotcher

Next Month's Program:

Ken Horner will describe the construction of Alton Jensen's coffin.

Minutes September 23, 2014

Guests

There were nine guests as follows: Jason Rose', George Kane, Larry Petulla, Harry Grover, Todd Osborn, Coy Farrell, Don McKell, Jane Matulich, and Annie Henzel.

General Announcements

If you haven't already done so, mark your calendar for the Christmas party. It's scheduled for Friday, December 19 in the church hall.

Main Meeting

This month's meeting was held at the Tech Shop in San Jose.

SHOPBOT DEMONSTRATION:

Before the members watched the ShopBot demonstration, Tom Kenyon explained what was necessary to produce something with the machine. In his case, he described the making of an MDF plate or fixture that he uses to position the individual pieces of the segmented rings for the bowls that he turns. The plate has pie-shaped cavities cut into the plate where the pieces are wedged in by slats and secured by

Next Meeting

Tuesday

October 28

By

Ken Horner,
Linda Horner &
Tracie Johnson

At

The Saratoga
Federated Church
at 7:00 pm

rubber bands. He can then flatten and glue the pieces to the object being turned.



The ShopBot has a large table of particleboard where the material to be cut is attached with brass screws. The router is suspended above the table on a gantry that allows the cutter to move

in three directions.

The operator creates a computer file that needs to be converted to a file the ShopBot can read. The following are some of the parameters that need to be addressed when programming the ShopBot.

- The zero point needs to be established so that the machine knows where to start the path the tool will take
- The depth of cut
- The material thickness
- How fast to cut—too slow burns the cutter and too fast could break the cutter
- The size of the cutter

TECHSHOP TOUR

The group was divided into two groups where TechShop staff member Scott took one group and Mike Wirth took the other for a tour of the rest of the shop.

There was an area for sewing large and small projects plus the equipment for producing silkscreen objects.

Numerous benches for testing or working on electronic gadgets were provided.

There was an area for the repair and maintenance of bicycles.

There was a 3D printer.

A room with several Epilog laser machines.

Vacuum forming equipment

The machine and sheet metal shop included the following machines:

CNC and several manual milling machines

Lathes

Waterjet cutter

Horizontal metal bandsaw

Brake and shear

Pipe bending machine

An English machine

Several welding booths

Spray painting booths

The woodshop contained, other than the ShopBot, a lathe and table saw

Show & Tell

Tom Kenyon described two open segmented vessels. One was made of wenge and maple that was finished with satin lacquer. It was patterned after a vase that was received as a gift. It incorporates a swirl pattern that has eight degree gaps between segments.

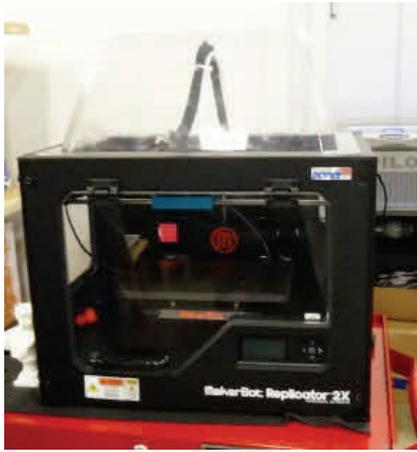


The second vessel is made of lacewood and maple that was again finished with satin lacquer. This one incorporates a twelve degree gap that allows a very small glue area. He reduced the ratio of thin and thick layers because he felt that the layers in the other

vessel were too thick.

Rex Osborn showed a peg board to be attached to the wall for storing keys, bracelets, or whatever else that needs to be hung up and out of the way. It's made of rosewood.





South Bay Woodworkers Association

4107 Acapulco Drive
Campbell, CA 95008



PROGRAM COMMITTEE

October 28	Ken Horner Linda Horner Tracie Johnson
November 25	Rich Winslow Rex Osborn
December 19	Officers
January 27	Tom Gaston Neal White
February 24	Mike Papa Ed Vincent

If you can't do the program for your month, call Ken.

OFFICERS

President	Fred Sotcher
Vice-President	Ken Horner
Secretary	Ron Gerard
Treasurer	Syd Dunton
Newsletter	Larry Schwarcz
Photographer	Fred Sotcher
Librarian	Mike Wirth
Web Master	Tom Kenyon

December Program Committee
Please take the ice chest home after the meeting

Refreshment Suggestions

Variety of Soft Drinks (48)
Water, Regular, Diet, Caffeine-Free, Juices

Varied Snacks: Donuts, Cookies, Chips, Nuts