

Northwest Woodworkers' Guild

THE SAWDUST NEWS

January 2012

<http://www.nwwguild.org>

Next Meeting:

**Daly's Paint
and Finish**

by Robin Daly

January 26

▶ 6:30 PM ◀

**Daly's Paint
and Finish**

**3525 Stone Way
Seattle, WA**

Guild Officers

President—Bob Schaefer
**Vice-president and
Membership**—Sally Wright
Treasurer—Chris Green
Secretary—Rick Tydings
Programs—Al Falco, Don
McNutt, Jack Martin, Ed
Moore, Ray Ross
Raffle—Tom Murray, Herb
Stoops

The following are volunteer
positions and are not
Officers of the Guild:

Webmaster
Tom Howorth
thoworth@gmail.com

Newsletter
Steve Krauss
catbert@oz.net
425-746-5067



President's Message

— by Bob Schaefer

The December 8 meeting, although relatively small in attendance was nevertheless high in the quality of the program and in the enjoyment of a nice variety of food and drink which constituted the Christmas party aspect of the meeting. Paul Stoops put on a truly impressive program complete with multiple visuals showing how he modified a RIDGID (brand name) contractor's saw into a high tech high utility tool with multiple beautifully designed components and adaptations worthy of woodworker and an engineer. Paul also distributed detailed plans (his design) for a flip top planer sander cabinet. If you missed the meeting Paul may have some extra copies--definitely worth having. Bravo Paul. Thank you for an outstanding presentation. Lots of great work and it really shows. Not to be outdone by his cousin, Herb Stoops presented to all those who attended beautifully crafted (by Herb of course) marking gauges. Herb, many, many thanks.

As always our continuing thanks to Ron and Michelle Hall for providing the Guild with a wonderful meeting place not only for the past year but for many years before that. Thanks to Steve Krauss for producing the newsletter and saving the guild mega money by not employing the US Postal Service--at least not very much. Thanks to Tom Howorth for being the Webmaster for our Website--a most valuable adjunct. And thank you to the guys who set up, prepared and provided the excellent food and drink. Other items: Treasurer and membership reports were given. Overall status satisfactory. With renewal of membership dues we expect an increase in the treasury. Herb Stoops was the winner of the attendance sweepstakes. This was a gift certificate from Woodcraft. It pays to attend!

Next meeting: The next meeting will be Thursday, January 26, 2012 at Daly's Paint and Finishing store located at 3525 Stone Way in the Fremont district, a few blocks north of the ship canal. I have talked with Robin Daly who will be our hostess. There will most likely be coffee and cookies. Daly's does have chairs but please bring your own in case we have a large turnout. SHOW AND TELL WILL BE WELCOME. Presentations will be done by two of the staff. Robin assures me they are very knowledgeable, especially regarding finishing. One of them is a chemist. She is enthusiastic about the meeting and I am confident it will be a good one. Bring your questions as well as your chairs.

Later meetings will be February 23 with Jerry Walters from Franklin International (think Titebond glue) and March 29 will feature Don Nelsen from Mirka abrasives.

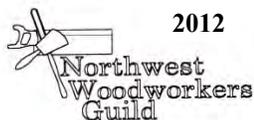
Beyond March, we need ideas. I would personally favor another mega show and tell but that is only one meeting. We will also look into getting Michael Dresdner again but that still leaves several spots open.

That is it for now. HAPPY NEW YEAR and keep those chips flying!

January Show-And-Tell

We will have a Show-And-Tell during the program at Daly's Paint and Finishing. However, there will not be a raffle in January. We anticipate return of the Raffle in February.

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



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

Member's Discounts

All members in good standing receive a membership card that will allow them to get a discount at the stores listed below:

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

Please present your current membership card to receive your discount.

Shop Tip (submitted by Herb Stoops)

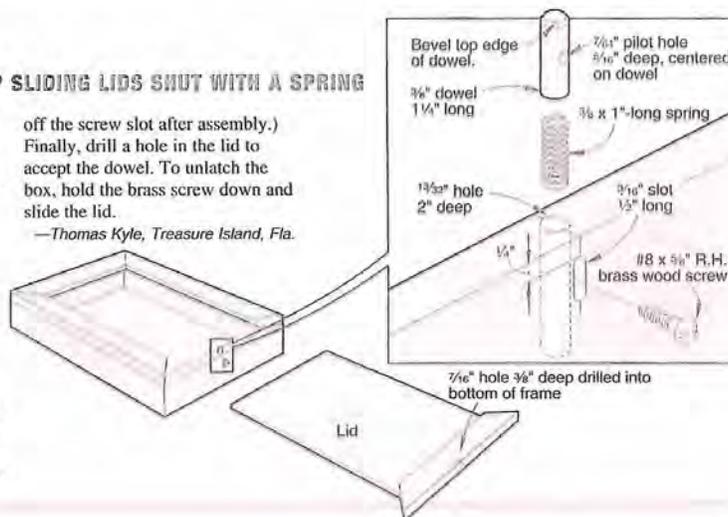
KEEP SLIDING LIDS SHUT WITH A SPRING

I enjoy making boxes with sliding lids and have designed a simple latching mechanism to keep the lid secure. To make the latch, drill and chisel the $\frac{3}{16}$ " slot, shown at *far right*, in the center of the open end of the assembled box. Next, drill the hole for the coil spring (available at a hardware store) and dowel. Cut the dowel to length, drill the centered pilot hole, and bevel the top edge of the dowel.

Assemble the catch as shown, leaving room for the brass screw to travel in the slot without binding. (For a more decorative look, you may want to cut off the head or file

off the screw slot after assembly.) Finally, drill a hole in the lid to accept the dowel. To unlatch the box, hold the brass screw down and slide the lid.

—Thomas Kyle, Treasure Island, Fla.



For Sale

Cincinnati Fan 2-stage Dust Collector for sale—3/4 hp, 4" hose inlet, 5-micron bag. The drum is not included—this is the fan, mounting plate and collection filter bag (it sits atop a collection drum—no cyclone needed) —perfect as a portable collector to move around the shop. This collector works perfectly, and was replaced with a whole-shop dust collector.

Steve Krauss 425-746-5067 catbert@oz.net—asking \$75.00.

Metalworking Help Needed

Looking for help turning a steel bolt to remove the head—please let me know if you can do this. Steve Krauss 425-746-5067 catbert@oz.net

Non-commercial ads are free for all members!

Innovation in the Workshop

Presentation to the Northwest Woodworkers Guild

December 8, 2011

Presented by: Paul M. Stoops

Part 1 – Making of a Decked Out Tablesaw

This is a summary of the additions and modifications I made to my **Ridgid Model R4511 Hybrid Table Saw** to transform it from a great tablesaw to an even greater one – and more importantly, into one which fits the constraints of my small shop and my own personal preferences. Please find a detailed description and many additional informative photos in the 12-part blog found here: <http://lumberjocks.com/paulnwa/blog>

Where I Started



The Changes I Made

Improved Mobile Base w/Storage Drawer to Eliminate Instability



Internal Baffling to Eliminate Cabinet Dust and Debris Accumulation



Improved Dust Collection



Integrated Dust Collection Duct



6" Right Angle Dust Collection Fitting
On-Board Storage



Side-Mounted Storage Cabinet



Dedicated Blade Storage Drawer

Rear Extension Table



Downdraft Side Extension Table



Upgraded Rip Fence



30" Delta Unifence

Relocated Tilt Handwheel



Original Side-Mounted Tilt Handwheel



Right Angle Modification Hardware Package



Front-Mounted Tilt Handwheel

Upgraded Tilt Angle Indicator



Final Changes

Upgraded Stock Metal Blade Insert to Solid Phenolic Zero Clearance Insert

Upgraded Stock Miter Gage to Incra V27 Miter Gage

Upgraded Stock Flip Toggle Power Switch to Pushbutton Paddle Switch

Converted Input Voltage from 110VAC to 240VAC

Where I Finished



My Decked Out Ridgid Model R4511 Hybrid Table Saw

Part 2 – Making of a Flip-Top Sander/Planer Cabinet

Having a very limited amount of floor space in my current shop requires space saving measures wherever possible. One common space saving technique that interested me is the stacking of two tools in a flip-top configuration, essentially utilizing the same floor space for two separate tools. Therefore, I decided to design a flip-top cabinet for my planer and drum sander.

Design Criteria for a Flip-Top Planer/ Sander Cabinet

- Mount a DeWalt DW735 Planer
- Mount A Performax(Jet) 16-32 Drum Sander
- Under-Cabinet Storage Drawer
- Provisions for On-Board Sand Ballast
- 3/4-Inch Steel Pivot Shafts
- Lubrication-Free Bronze Bearings
- Double Locking Casters
- Simple Position Locking Hardware

The Completed Flip-Top Cabinet



Infeed Side – Planer on Top



Outfeed Side – Sander on Top



End Panel Detail



Position Locking Detail

Internet Forum Response

This flip-top cabinet project was posted on the ***Lumberjocks*** and ***Sawmill Creek Forums*** in September 2011, and may be found here: <http://lumberjocks.com/projects/53211> .

There were so many requests for plans that I subsequently published dimensioned drawings, build notes, and a parts list for this project as a **.pdf** file, which may downloaded here: <http://www.box.net/shared/xdnhfs8v7stjhqduo464>

A printed copy of these plans was distributed to each of the attendees at the December 2011. Additional copies will be made available at the next meeting at Woodcraft.

To date, this project has been viewed by more than 4500 woodworkers and the plans have been downloaded by more than 200 woodworkers.

I am glad that I was able to make a contribution to the woodworking community at large which was meaningful to such a large audience.