



Volume 20 No. 10

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### **Calendar of Events**

- October 6      General Meeting   Tour of Member Shops.   Meet at Chota Center 6:45 p.m.
- October 22      Board Meeting   8:15 a.m.   Sloan's Hardware   All members welcome.
- November 3:   General Meeting   7:00 p.m.   Yacht Club   Program: Jeremy Dickerson, Account Manager, Stanley, Black and Decker, will discuss his company's products.

### **Board Meeting Highlights - 9/24/2016**

The TVWC Board met on September 24, 2016. Fifteen members were present. The following items were discussed and, as appropriate, acted upon.

Lloyd Donnelly presented a suggestion made by Dave Jones to pursue a dedicated club workshop. Dave will be invited to a future Board meeting to further discuss his proposal.

There have been thirty community service projects year to date, with three still in progress. Sixteen computer desks were made by Ken Mack and other members for the middle school.

Barry Brandt reported that the picnic was a big success, with 96 members and guests participating. President Lloyd Donnelly recognized club members who were 80 and older at the picnic.

New TV Woodworkers brochures have been placed at Tanasi clubhouse, the Visitors' Center, Yacht Club, and Kahite clubhouse.

Lloyd Donnelly, Tom Borloglou, and Dick Hoffmann will represent the Club at the "Discover Your Tellico Village" event on September 27 at the Yacht Club.

Ron Cirincione reported \$3301.67 in the Clubs' General fund, \$220.00 in Toys for Tots, and \$3050.06 in Kiln Amortization, for a total of \$6571.73.

Chris Campbell reported membership is currently at 138 members.

Toys for Tots: Currently, 67 members are participating, with 14 teams formed. More members are welcome to join. Project coordinators estimate 450 toys are in production. More information regarding the type of toys is requested.

The Board passed a motion to purchase one gallon of wax emulsion to coat the ends of new turning stock.

Ron Cirincione discussed the CNC training program, set for Chota Recreation Center.

## Highlights (Cont.)

Twenty members have signed up. The Board approved a \$50 expenditure for a hook-up cable and refreshments.

## What Was He Thinking?

One of our stealth photographers snapped the photo below at our August general meeting. Our three couch potatoes are, from the left, Dave Ramsey, Chris Houle, and David Jones. That's Gene Yeager standing, with a somewhat mystified look on his face, trying to process the scene in front of him!

So what was Gene thinking?



"One of these guys took my seat - now which one was it?"

"Come on guys - building birdhouses can't be that exhausting!"

### Editor's Note:

The **From Our Members' Shops** regular feature of the Newsletter, which showcases projects from the Show and Tell segment of the general meeting, will return in future issues of the Newsletter. Our apologies for not being able to include it in this issue.

## Did You Know?

In addition to the variety of large shop tools available for use by any club member and an equally large variety of smaller tools, the club makes available no less than nineteen sets of templates that have application to many woodworking projects. In many cases, the templates come in a great number of sizes, so there's a good chance there's a size that will fit your project.

Check out the samples below.



Photographs of all the templates, as well as information about borrowing any of them, is contained in the TVWC Resource Book. The book can be accessed at:

**[www.tvwoodworkers.com](http://www.tvwoodworkers.com)**



## Annual Picnic

On September 21, an estimated 96 club members and spouses gathered at the Tugaloo Pavilion for fellowship, good food, and some fierce corn hole competition. The weather was perfect and no one seemed in a hurry to get back home as the festivities were winding down.

The highlight of the event, without a doubt, was the not-too-formal recognition ceremony for the

Club's octogenarian members, who gracefully smiled as President Lloyd Donnelly cracked one (good natured) joke after another, always at the expense of one or another of the honorees.

Our thanks once again to our event organizers, Barry and Jan Brandt and Howard and Pat Hickman, for a great job and a good time.



A sitting -room only crowd anxiously awaits the start of the competition.

Once the games began, the action was fast and furious.



Our cooks: Jerry Jeffrey (with Jim Matavi), Bob Ware, and Dick Hoffmann.





The Club honored its "Senior" woodworkers, thirteen of whom were present at the picnic.



Barry Brandt records latest results from the cornhole competition.



Bill Peterson chats with Tom Daly and Harry Schmidt.



A great turnout for this special annual event.



Nobody went home hungry!

## Tools and Tips

(Ed. Note: This month we are presenting the second of two parts of Dick Hoffmann's article on shop-made jigs to make the task of resawing easier and more accurate. Last month, Dick explained how to make the adjustment mechanism and fence. This month he shows us how to make the re-saw sled.)

# 2 Great Re-saw Jigs for Your Band Saw: A Re-saw Sled

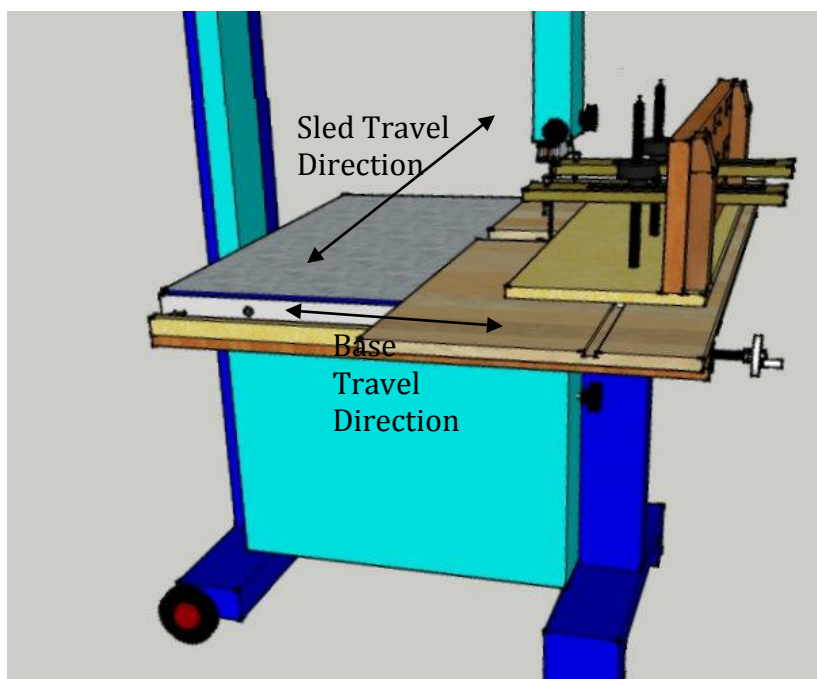
*Dick Hoffmann*

**Note: Because each saw is different, all measurements are rough and will need to be adjusted to your band saw.**

## Re-saw Sled

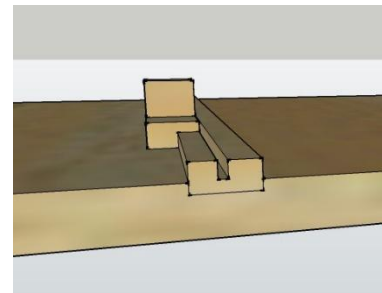
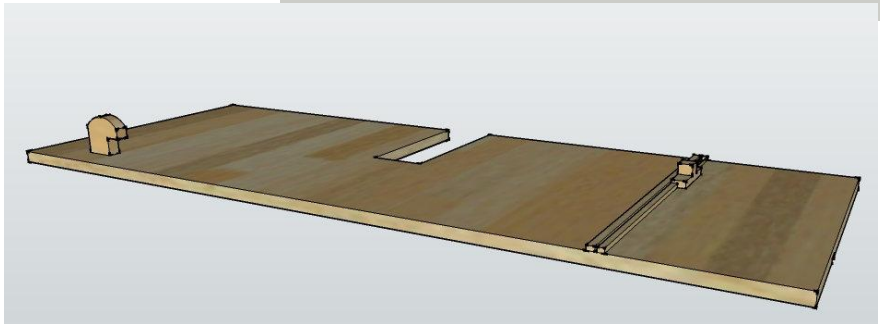
The resaw sled is made up of 2 pieces, a base that can only move perpendicular to the blade and a cutting sled that can move only parallel to the blade.

The base positioning is made using the adjustment mechanism and the cutting is done by pushing the sled with the wood securely held by holddowns, by hand, into the blade.



## The Base

1. The base is made from  $\frac{3}{4}$ " particle board or plywood. It should be longer than the length of the band saw table and as wide as the distance from the band saw blade to the front edge of the table.
2. Cut a notch in the board to allow the board to move past the blade.
3. On the top of the board, cut a dado that runs the length of the board.
4. On the bottom of the board, attach a wooden hook that loosely wraps around the back edge of the band saw table. This hook keeps the board from tipping when a heavy log or board is being re-sawed.
5. Cut a  $\frac{3}{8}$ " deep,  $\frac{1}{8}$ " wide slot in a piece of wood to ride the aluminum rail and dado this into the bottom of the board. Position it so the slot is on the aluminum, the board sit flush on the table, and the hook is engaged on the opposite end of the saw's table.
6. Add a carriage pin to engage the carriage slot on the adjustment mechanism.





## The Cutting Sled

### Materials needed

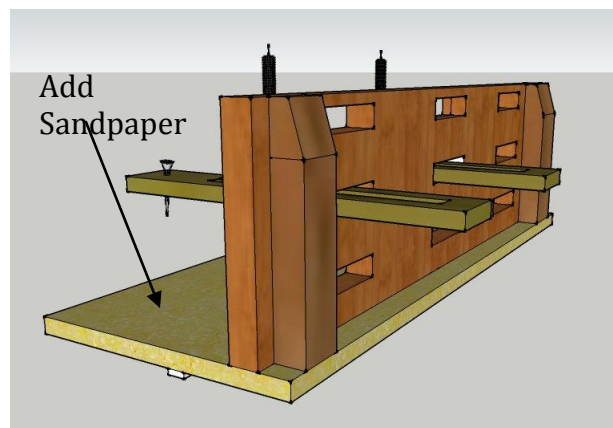
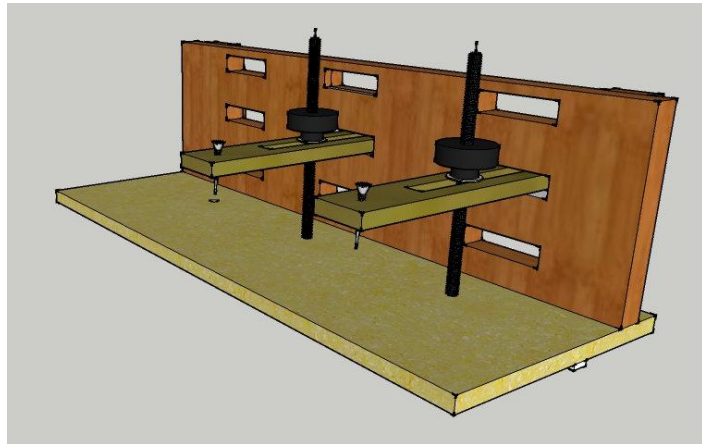
1. 2 3/8" threaded rods about 12" long
2. 3 3/8" t-nuts
3. 2 1 1/2" wood screws
4. 2 3/8" knobs
5. 2 3/8" washers

### Making the sled

1. The cutting sled is a L-fence that rides in the miter slot cut in the base constructed above.
2. Make the sled out of 3/4" particle board or plywood.
3. The width of bottom piece should start about half way between the inside edge of the sled base and the base miter slot. (see picture). The other edge should line up with the outside edge of the base.
4. Build the side in glued up pieces, leaving a series of evenly spaced slots (3 rows with 3 slots per row).
5. Add stiffeners to the back of the side piece.
6. Add sandpaper to the top surface of the bottom piece

### Hold Downs

1. 2 hold downs are slotted boards with a screw embedded in one end.
2. The hold down length should be about 2" longer the width of the sled base.
3. The screw should be embedded about 1/2" from the end.
4. The length of the slot should start about 1" from the screw and extend 1" from the other end. (The slot needs to be long enough to move the holddown up or down without having to take out the long threaded rod out.)
5. Locate and drill a 3/8" hole a few inches in front of each row of slots.
6. Embed 3/8" t-nuts in the holes, on the underside of the bottom piece. The t-nuts should be flush with the bottom.
7. Add a miter bar to the bottom of the sled. (This will ride in the miter slot of the base)
8. Add 2 3/8" threaded rods through the bottom piece and into the t-nuts.
9. The rods pass through the slots in the holddowns and are secured with 3/8" knobs and washers.



## To Use

1. To use the jig, clamp a board or log into the sled so the sides extend over the edge of the sled.
2. Align the wood so it is roughly parallel to the blade.
3. Secure the holddowns.
4. Advance (and wood) toward the blade and push the sled (with wood) into the blade to take a registration cut. If the cut is not deep enough to take out all irregularities, take a second cut. Once the cut is satisfactory, the wood is ready to be resawn.
5. Advance the sled so the cut off is the desired thickness and start slicing.
6. Because cutting with the sled puts no side pressure on the blade, a very thin, long and wide cut can be maintained regardless of blade drift.
7. If you do get drift, the blade may not be positioned correctly on the saw's wheel (the gullet need to be in the center of the top wheel) or the blade may be dull.
8. If cutting correctly, veneer 1/16" to 1/32" thick is possible. Blades with less tooth set, like Highland's "Wood Slicer" blades will leave less saw marks, but running the cut veneer through a drum sander gives good results.

