

Woodworkers Club

OF HOUSTON

VOL 10, No. 9

SEPTEMBER, 1994

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Sharon Buckley - Newsletter Editor 944-6739

AUGUST MEETING

The August program How To Fine Tune Your Table Saw was presented by Willie Greer Sales Representative for Delta tools.

All tools should be factory set but to insure accuracy and for safety it is best to check every setting and also check that all of the bolts are snug.

Vibration can be a big problem, sometimes solved by making only a few adjustments to solve the problem.

First check the V-belts, even new ones can have hard spots, remove the belt and run the motor to check for vibrations.

The motor shaft could be bent. There have been cases of some motors just being bad.

Once you have determined that the motor is not the source of the vibration then replace the V-belt and check again for vibrations.

Delta is the only manufacturer in the world that first machines the arbor assembly puts the assembly together then faces the assembly with a \$200,000.00 machine to ensure that the assembly is perpendicular.

Other manufactures machine all the parts individually--then hopes that everything is perpendicular after assembly.

This is the life blood of your tablesaw---How true your blade is going to run.

Willie uses a micrometer on a magnetic base that he purchased for less than \$30.00.

On a good tablesaw you shouldn't have more than a couple of thousands of run out on the face plate.

The less run out on the faceplate the less run out on you will have on the tip of the sawblade.

Blades vary greatly in quality. Most blade manufacturers hold blade run out tolerances to about ten thousand.

The Delta blades are made by Leitz of Germany and are considered one of two premier blade makers in the world. They cost about \$45 to \$50 dollars and have about Two

thousands run out.

Basically the belt, arbor assembly and motor shaft are the key areas to look for vibration in the tablesaw.

If this does not cure the problem then the next step is the service center or back to the store where you purchased it.

Willie was trying out a new stand mainly for contractors that have to move a tablesaw around a lot---great for this but not as rigid as a stand alone stand.

Next you want to check the blade alignment to the table slot. You want to make sure that the blade is parallel to the table slot if it is not parallel you will have problems.

On the large saws like the Unisaw and the Powermatic 66 there are four bolts under table saw top, on the Delta contractor saw and many other brands you make your adjustments on the trunions inside the saw.

To check this alignment you can use a square and a mark on the blade--a better way of checking the alignment is to use a micrometer, on the micrometer read out you want the run out to be under Two thousands.

To test your settings run a board through your saw then flip it and run it again through the saw--if everything is aligned and true you won't be cutting anything.

Next check your 90 and 45 degree stop adjustments with a square and a test cut.

Fence alignment--the best way to align your fence is to line it up with slot in the tablesaw. Willie aligns the front of the fence with miter slot and moves the fence away from the blade 1/64" in relief, this keeps from hanging your wood up and from getting kick back. Once the wood passes the center of the blade you can't cut anymore. Check your manual on how to made this adjustment to your fence.

Tools are not toys and they can cause serious injury. Be careful.

Check your miter gauge's 90 and 45 degree settings and how tight it fits in the miter slot.

When you place your miter gauge in the miter gauge slot check to see how tight it fits if there is a lot of slop one way to solve this problem is to take a punch and a hammer and in 4-5 or 6 places ping the metal. Play with it till you get it with as little play as possible--if you get it too tight take it over to your sander till it functions smoothly.

Next check your splitter guards alignment, this will make your saw work smoothly and safely. Place a straight edge on either side of your blade and it should not touch the splitter guard. The kerf of your blade is wider than the splitter, you want it dead center not on one side or the other side or it will pinch your wood.

If you pinch a board in your splitter, turn off the motor before removing the board. Always ever pull a board back while the saw is running.

Tablesaw blade inserts usually have four height adjustment screws to level the insert--do not have the insert above the table top or the wood will hang up on it.

Willie suggest that if you are having problems with the bolts on the contractor saw to switch them out to a grade 5 bolt.

Watch out for manufactures say that their motors develop a certain horsepower rating. They do so by running their motors full out till they explode, at that point they read the horsepower developed and thats how they rate their motors.

We would like to Thank Willie Greer for an excellent program and for Delta's donation to our Raffle of a Delta Bench Sander model 31-460. A 4" x 36" sander with a 6" disc.

FEATURE PROJECT

The feature project for August was coin banks. We really had great participation on this month's feature project.

Preston Smith's bank was in the shape of a Flounder.

Ken Wallis used an old pay telephone, added a lamp as a coin bank. When you pick up the receiver the lamp lights up.

Fred Ringer adapted birdfeeder plans into a log cabin coin bank.

Leonard Elholm's bank was in the shape of a truck.

Bill Hochmuth made a box for a coin collector to store his collection.

Don Sloan had a variety of banks for all of his grandchildren:

1. Mexican taking a siesta --you remove his arm to get to the coins.
2. A bank made from Bald Cypress of a Mexican taking a siesta under a Cactus.
3. A Seahorse bank

4. Blue whale bank with a removable spout and the tail opens to get at the money.

5. A Heart shaped bank.

6. A Mouse shaped bank.

So far Don has made 14 banks with two more to go.

SEPTEMBER FEATURE PROJECT

Food service items will be the feature project: Carving Boards, Bagel Cutters, Bowls, Spoons, Salad Forks, Etc. Thats a wide variety to chose from and if you have any other ideas bring them in to show.

PROBLEMS AND SOLUTIONS

How do you dry wood in the Microwave? First weight the wood and keep weighting it as you microwave the wood. On the Microwave use the defrost setting.

How long does it take to air dry wood? Rule of thumb is it takes 1 year per one inch thickness.

Do you have problems with glue lines showing up after you apply the finish. A very large manufacture of furniture--Henredon checks every piece of furniture in a blacked out room with a Blacklite. This will show up any glue lines that you can clean up before applying a finish.

SHOW AND TELL

Jimmie Harp showed us Night stand made of Oak, finished with Golden Oak stain and Varnish.

Bruce Dehart made a Backhoe model, it took 138 hours contained 128 parts, 24 moveable parts. He also made a table and chairs for his grandson, plans out of Woodsmith--the table and chairs can be stored flat.

Joe Wainright made a Nativity scene which contained 13-14 pieces stored in its own case. Plans were in 1992 Woodworkers Journal. Joe finished it with the free sample finish from Woodcraft.

AUGUST RAFFLE

The August raffle was a Delta Bench sander donated by Delta, a 4" x 36" sander with a 6" disc valued at \$161.00. The sander was won by Ervie Jenkins.

SEPTEMBER RAFFLE

We will have a raffle for September, but at this time we just don't know what it will be. This month's prize will be a surprize.

ALUMINUM BAR CLAMPS

The clamps were at the August meeting and only two members did not pick up their clamps.

I still have a few clamps available for purchase if you missed out on the order. I have some 24" and 48" clamps, some feather boards, UC-76 and UC-76 A clamps available if you would like to purchase call me and I will bring them to the September meeting.

FOR SALE

Texas Long Leaf Yellow Pine various width's and length's--For prices call Jimmie Harp 664-4906.

Wormy Chestnut 450 square feet 1" thick rough sawn \$4.00 Square foot in part --All \$1400.00 contact Kevin Howard Home 486-6183 work--244-8947.

UPCOMING PROGRAM

In October Everything you ever wanted to know about finishing by Lawrence Cudd.

HOW TO SEGEMENT

Art Chester will show us his safety push stick that he uses on his unifence.

PRESIDENT'S CORNER

Tom Talasek is setting up a field trip to a saw mill in New Ulm in October. We will have a definite date at the September meeting. Tom said that there will be lumber available to purchase.

Toys for Christmas--lets not forget that its not to early to start making those toys for our charity project. I will have prices on wheels at the September meeting and if you would like to order some I will have a sign up sheet available. I intended to be ready at the August meeting but just got to busy.

I saw an advertisement for a new Woodworking show dealing more with commercial woodworkers, its called Woodmasters Workshop premiering Saturday September 3 on CNBC at 4:00 P. M. (EST) some of the products that will be covered:

1. Koetter
2. Baker
3. Lion
4. Byrd
5. Whirlwind Pnematic Cutoff Saw

There will be a total of six shows.

Don't forget to start making those Show and Tell items for the December Dinner. Remember we have some great looking ribbons for those Show and Tell items.

Officers for 1995: Remember this club is only as good as the officers and members make it. Its only for 12 month's not a big investment but it can be a lot of fun. So when you are asked to serve please don't say no, and if you would like to be any officers don't be shy--talk to me at the meeting or any of the other officers.

We have purchased eight companion video tapes for the library. These tapes compliment the articles written in Fine Woodworking. The titles are:

1. Tage Frid: Veneering on Solid Wood issue 98.
2. Sliding Compound-Miter saws in Action issue 100.
3. Peter Korn: Milling a board four Square issue 102.
4. Jonathan Binzen: Cove Cutting on TAbble Saw issue 102
5. Robert Vaughan: Setting Jointer Knives issue 103
6. Bernie Mass: Clamps June issue
7. Robert Vaughan: Planer August issue
8. Steven Bunn: How to set flush doors. August issue.

We have also order new books for the library:

1. Woodshop Jigs and Fixtures by Sandor Nagyszalanczy.
2. Building Traditional Kitchen Cabinets by Jim Tolpin
3. Workbenches

SEPTEMBER MEETING

WHEN: SEPTEMBER 10, 1994 9:00 A. M.

WHERE: BAYLAND COMMUNITY CENTER
ON BISSONET AT HILLCROFT

PROGRAM: Harvin Moore of Frontera Furniture will present a program on How to Increase Profits in Wood Furniture.

The following is an overview of the Frontera Furniture Company. Founded in 1992 by Harvin Moore and six local investors. Strategy was to produce a line of Texas Pioneer-Style Reproduction furniture at reasonable prices. Opened retail showroom in Houston to test new products and control development. Developed product image in the consumer market. Developed wholesale accounts in other cities (now sold in over 67 stores). Aggressive expansion of line and adaptation of designs to meet market demands. Focus on continual increase in "value" Every year, quality must rise or price must decrease.

How do you choose your designs? Our designs are all reproduced or adapted from actual vintage pieces crafted in Texas in the early to mid 1800s. Usually these craftsmen were of German descent, but, like Pennsylvania and other 1800s-era

furniture meccas, others were from other parts of Europe. We specifically draw our pieces from the Shaker-styles of that period (although there are certain differences between our styles and Shaker). This means all of our pieces have relatively simple lines, meaning both that it is easier to control our labor costs, and also that these are styles that readily adapt to changing times (being considered either "modern," "classic" or "antique," but never "outdated."

How do you choose craftsmen (craftspersons)? As is apparent to any customer walking into our store, the answer is "quality" and "value." No matter how famous we become, we do not increase the profit we make on individual piece. We plan to make money by increasing the number of pieces we produce each month. We seek craftsmen with the same ultimate goal. We do not look for "artists" because the ultimate goal of most artists is to continue to make each piece themselves over time, and to increase the profit per piece as the artist becomes more well-known. We instead seek craftsmen who plan to increase their income over time by teaching others to work for them to produce quality goods in volume, while having as a goal the decrease in price per item over time (or increase in value/quality).

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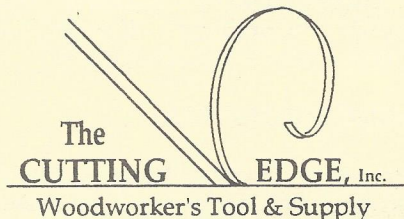
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Just Arrived: The New Bosch Biscuit Joiner & Detail Sander!

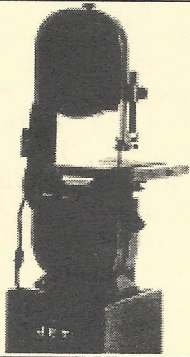
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Sun. Noon to 4 pm



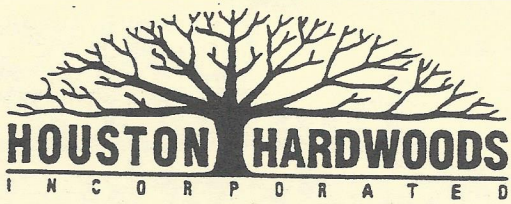
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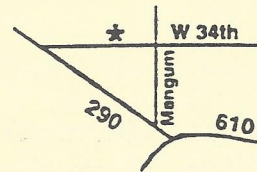
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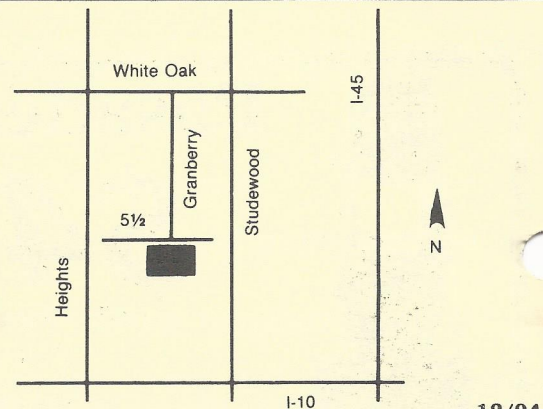
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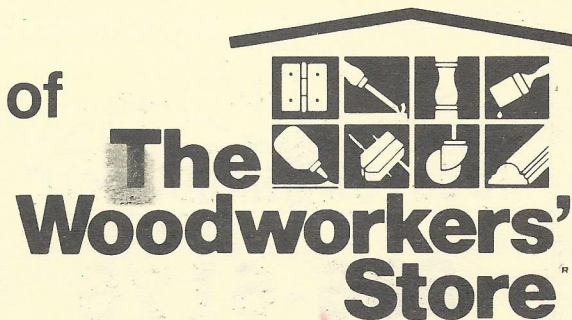
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