

Woodworkers Club

OF HOUSTON

VOL. 9, NO. 10

OCTOBER, 1993

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SEPTEMBER MEETING

Our guest speaker for the September meeting was Randy Kuhn of Circle Saw. Circle Saw has been in the sharpening of saws and the sale of tools for 40 years. Randy was asked to speak to us on the many different types of saw blades that are available to us. In the last 6 to 8 years the saw blade has under gone drastic changes, the carbide blade has had major changes in the last couple of years.

The rake/angle of the carbide depends on what type of saw you will be using. A 10 degree rake cuts fast and smooth on the Table Saw but is to aggressive on the Radial Arm Saw. A zero or negative rake has less tendency to drag.

How many teeth the blade has determines if the saw is for ripping or crosscutting and makes a big difference in the quality of the cut.

A 24 tooth ripping blade has lots of rake and will cut woods like Maple with minimal smoothness.

A 40 tooth crosscut or rip will be slower and has less rake.

A 60 tooth blade which they sell the most of cuts the cleanest.

The grind of the blade--the shape of the carbide depends on what material you are cutting.

Triple chip is good for laminates and plastics.

Scoring blades first tooth scores and the second tooth does the cutting.

Alternate bevel has one 15 degree bevel to the right and one to the left alternating--good for cutting 45 degree angles.

Combination blades have 5 teeth in a section alternate tooth square, this is a good blade for thick woods as the teeth configuration helps to clear the saw blade.

Thin Kerf blades are thinner there by cutting a thinner kerf making it easier on the saw.

If you are doing long cuts with a thin kerf blade Randy recomends using blade stablizers,

because as the blade heats up you will get blade deflection.

99 percent of cut problems are caused by resin buildup. Keep those saw blades clean and it will help them stay sharp longer.

Randy brought along with him various types of blades so that we all could see the difference.

Freud TK Series has anti-kickback fingers, they also have anti-kickback fingers on their Dado blades.

Die tech 2000 has 12 layers of a baked on Teflon coating and C-10 carbide tips.

We would like to Thank Randy for being our speaker and answering everyone questions.

FOOTLOCKERS

We have almost reached our goal but we are still a little short ---about 300.00 dollars. Some of you have said that you would like to participate with a donation but we are still waiting. You just probably forgot to mail that check to the club. Would you please take a moment and write out that check to the Woodworkers Club of Houston and either mail it to P. O. Box 34481 Houston, Tex. 77234 or bring it to the October meeting. We are so close and yet too far to start buying the materials.

Some members want to know when will we start the project-- just as soon as all of the money is collected--it will take about 2 weeks to get the hardware wholesale and then we can get started.

THANKS TO ALL OF THE MEMBERS WHO HAVE DONATED MONEY AND PROMISED THEIR HELP WHEN WE START MAKING SOME SAWDUST.

SAFETY--OPEN FORUM

Bud started us off with some blood letting

experiences. He started with kickback on the jointer by trying to joint too small of a piece to save time. He also did not use push pads because of being in a rush, when the box exploded he ended up with a big chunk of wood imbeded in his hand.

Bud was watching a friend try to rip an 8'-0 board on a Radlal Arm saw, the saw kicked the board across the room and 6 inches into a cinderblock wall.

You can also suffer kickback on a plate jointer and also on the router table.

After hearing these battle injuries please don't run scared from woodworking, just follow a few simple rules and we mean simple:

1. Fatigue--if you are tired or upset do not work with power tools, now is the time to do hand work or some finishing work or just take the night off. Better safe than sorry.

2. Impatience--in a hurry. If you don't have time to do it Right and Safe the first time when will you have time to redo it.

3. Drugs or Alcohol--Prescription drugs, over the counter drugs or Alcohol. Do not drink and do woodworking if you value your body parts. If you are taking any kind of drugs besure before you work in the shop that this drug does not cause any side affects.

4. Repetition--tedium can cause our mind to wander--if this happens quit what you are doing--do something else or call it a day.

Most of us know what we can and cannot do. Usually in a hurray we cut corners---slow down and think about what you are doing before you have to stop the bleeding.

PROBLEMS AND SOLUTIONS

The question was what horsepower router would be best to buy and should you spend the extra money for variable speed.

The size and type of router depends on what you will mainly be using it for.

If you intend to cut raised panels with those very large wing cutters, you will need a variable speed 3 horsepower router.

A safer way would to purchase the vertical raised panel bits, with these bits you will only need a 1 1/2 horsepower router and it does not have to be variable speed. There are a lot of choices out there, don't just buy by price and you don't have to buy the one with all the gadgets, you want the router that will best serve your needs.

FEATURE PROJECT--CHILDREN'S FURNITURE

Paul Stephen made a cradle out of pine, from plans that he got out of a woodworrking magazine. He distressed the wood and added accents he purchased from the Emporium.

Chuck Maxwell made a childs glider that uses Maple sticks as the glide mechanism instead of chains. Plans are in Woodsmith #39.

He also made a childs swivel from plans in Popular Mechanic. The swivel was made from 3/4" and 1" pipe with pipe flanges.

Dan Shaklovitz made a childs rocker similiar to his adult version out of hardrock maple with a Maple birdseye seat.

Monte Laramore made a cute caterpillar pull toy, where the wheels cause the balls to spin.

Bob Gallant made a painted childs foot stool.

SHOW AND TELL

Robert Lang showed us an Intarsia project made out of Cherry, Maple, Walnut, Wenge with a Oak Frame. The Oak became spalted by sitting on the garage floor.

FEATURE PROJECT FOR OCTOBER

Bird Houses and Bird Feeders and Squirrel Feeders.

DECEMBER PROGRAM

Art Chester has contacted the Franklin Glue Company and they have agreed to send their glue expert to answer our questions.

Dale Zimmerman, Senior Technical Services Representative with Franklin International will be addressing the December meeting of the Houston Woodworkers Club. Franklin is a prime manufacturer of wood glues and adhesives to the furniture, construction and wood flooring industries and was the first to develop the alphatic resin wood glue more than 35 years ago and most recently developed the first one part glue to meet Type II waterproof standards known as Titebond II weatherproof glue.

Dale has more than 20 years experience with Franklin in the areas of formulating and new product development. Dale has worked extensively with OEM manufacturers to develop new products and gluing systems to improve quality and production.

For the last four years Dale has conducted training seminars all over the United States, for OEM manufacturers, Distributors and Franklin sales staff. Dale has a B. S. degree and is married with three children. I think you will find Dale both informative as well as entertaining. come prepared with your questions and problems. More on this to follow in the November newsletter.

Please note Dale will be bringing samples of Titebond glue for the members to sample.

ART CHESTER

FUTURE PROGRAMS

The January program will be on Bartley's finishing hosted by a representative from the Bartley's Co.

OCTOBER MEETING

WHEN: OCTOBER 9, 1993 9:00 A. M.

WHERE: BAYLAND COMMUNITY CENTER
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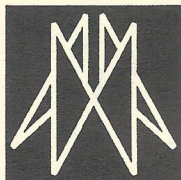
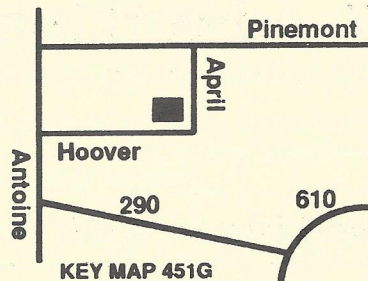
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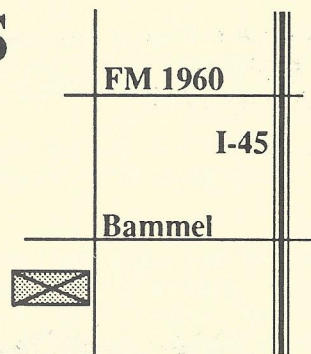
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Mon-Fri: 10-8
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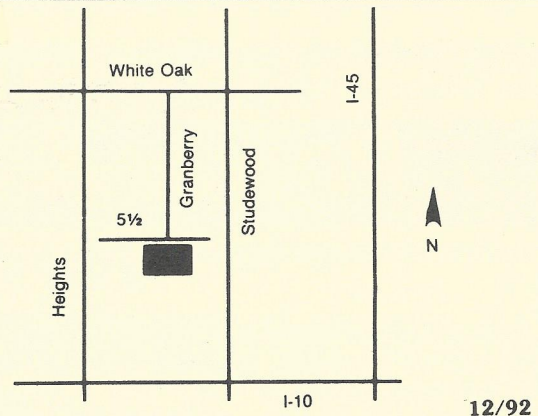
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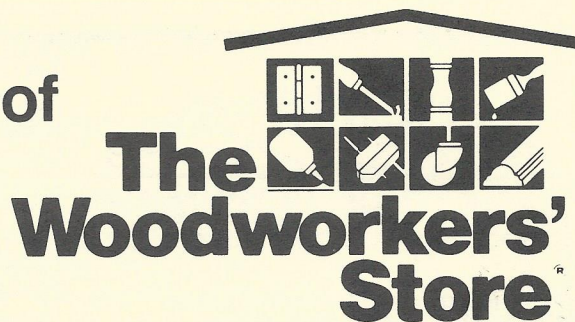
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