

Virtual Shop Tour

April 2020

Table Saws



Jet 10" Tablesaw with homemade retractable casters. Saw was found on the sidewalk awaiting garbage pickup. Motor needed rebuilding.



Home made zero clearance insert made from Linen Phenolic plastic - very rigid. Includes set screws for levelling.

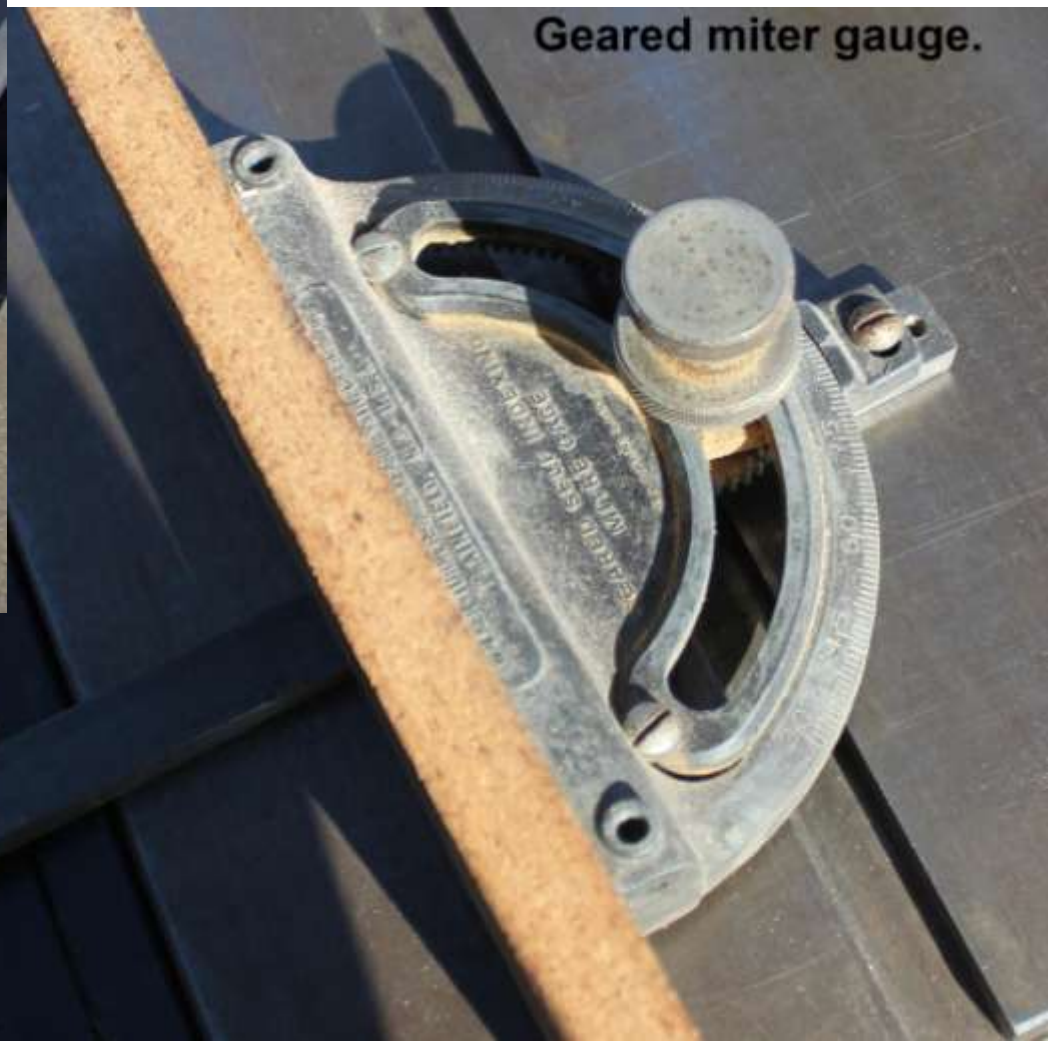


Forrest Woodworker II 10" ATB 1/8" thick.



Note extra long bar in the slot

Home made crosscut gauge fixed at 90 degrees to saw blade



Geared miter gauge.



The saw faces outward, so long pieces can be easily cut.
The small cabinet below the table has 2 drawers that hold tools for the table saw and small scraps of wood below the drawers.
The out-feed table is cabinet that faces outward to allow access to the contents within the cabinet.
The fence is a 36" Biesemeyer.
Saw blades are stored in a small cabinet next to the tablesaw.
My sharpening station sits to the left of the table saw, and can easily be rolled out of the way for cutting larger pieces.





Several years ago, I replaced my Craftsman contractor saw with a SawStop. The key motivations for upgrading were improved dust collection and safety (blade brake and riving knife). I use a soft tile grout float when ripping wider material. The soft foam grips well, and the handle is well positioned. JessEm guides are effective in keeping narrow stock against the fence, while providing kickback protection. The magnetic base dial indicator is handy when ripping material to exact dimension when making Green and Greens style ebony inlay parts. A wireless remote allows me to easily turn on dust collection when using the saw.



My table saw is a Unisaw I bought new forty years ago. It has seen lots of modifications.

In this pic you can see the outfeed table, which is mounted to the saw. I've had outfeeds which stood on the floor, but every time I moved the saw or the outfeed I'd have to realign them. Mounting the outfeed to the saw means they stay aligned when I move the saw -- which is quite a bit.

The blue thing is a Johnson bar. It normally hangs on a wall, but it comes out to move the saw. There are wheels on the saw base on the side away from the Johnson bar. When I lever down on the Johnson bar, those far wheels touch the floor. With the wheels on the Johnson bar, the whole saw is standing on wheels, and is easily rolled around. I use this same scheme on the band saw and the jointer/planer too.



In this view, you can see holsters for the rip fence, miter gauge, and push sticks. To the right is the enclosure for the router table. You can also see the shop-built start/stop switching for the saw. The pushbutton starts the saw. The wood bar along the floor is the stop switch. I tap it with my toe to stop the saw. I do this without taking my hands off the workpieces, and without taking my attention off the whirling blade.



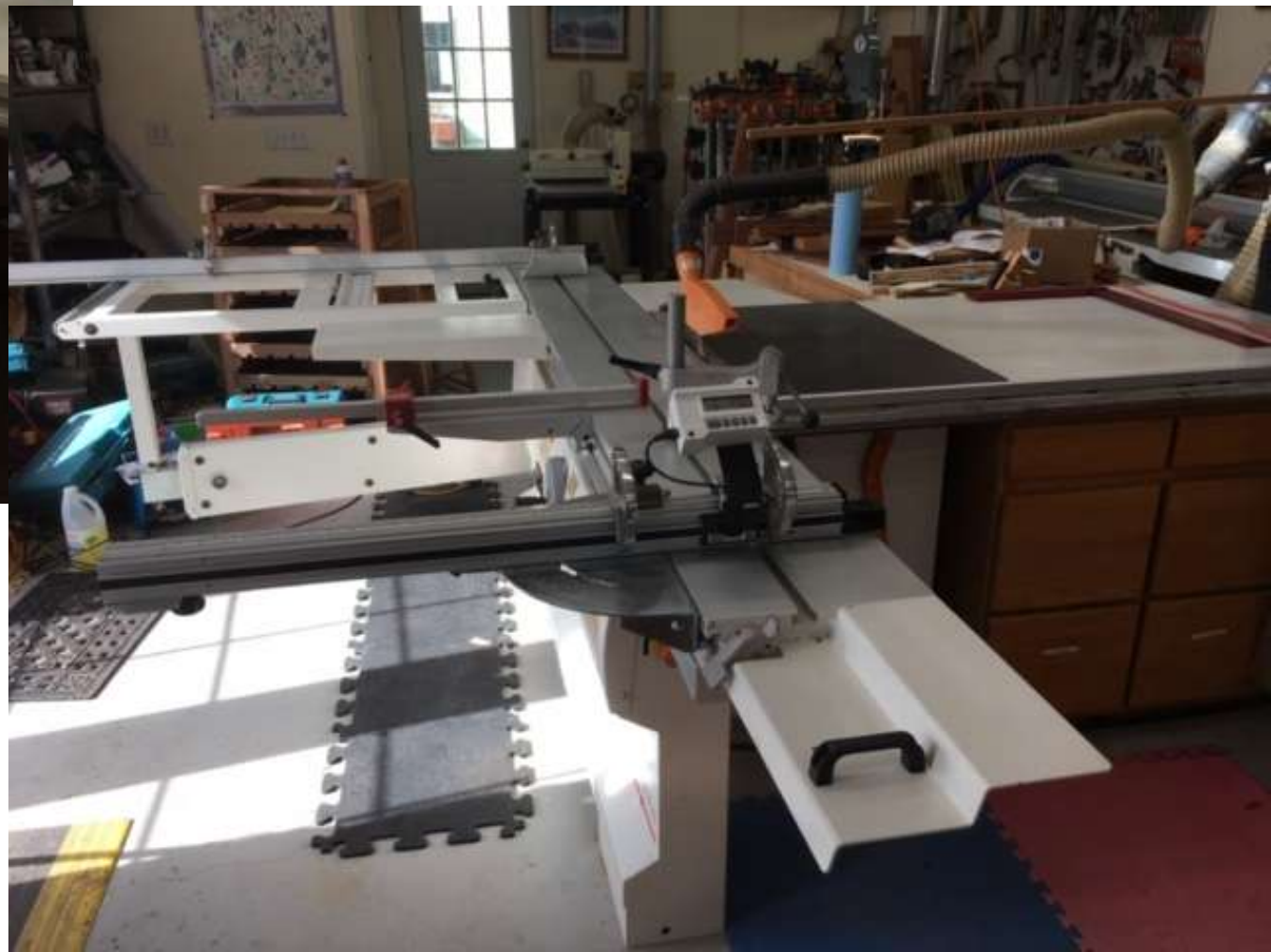
From this side you can see the router table. It is at least the fourth version I've made. This works pretty well. The top is a cast iron extension wing from Peachtree. It is supported by those white angle irons. There's a lift from Woodpeckers, and a 3 hp Speedmatic router. The saw fence gets used with the router. The router is surrounded by a plywood box, and there's a 6" connector for dust collection. Lower, you can also see a connector I cut into the saw base for dust collection. The saw was built without any provision for dust collection. And you can see the wheels on this side of the base which work with the Johnson bar on the other side of the saw.



Here's a close-up of my splitter. The saw came with a splitter which took ten minutes to install or remove. Safety devices which are a pain to use get discarded. This one takes one second to install or remove. In the left pic, you see the splitter. It is a 1/8" diameter drill rod sticking up 1/2" from the wood insert. The right pic shows the insert flipped over. The pin now points down, out of the way.



SCM SC4 elite 8.5' sliding table saw





Powermatic 10" cabinet saw. It is equipped with an extension table and out feed table. The cabinet under the extension is for extra blades etc.





This sliding table saw is part of a Felder combination machine.

220 VAC single phase input, 3 phase VFD output for variable speed

2800mm (110") slider and outrigger table

300mm main blade & riving knife and counter rotating scoring blade

Airtight pneumatic clamps

Lamb Toolworks DRO parallel guides for long accurate rips

crosscutting the bottom of a door using the sliding table and outrigger



using the parallel guides for an accurate rip







It's 1/2 of a 2 car garage so the thing I like least about my set up is not having much room. The saw is a Steel City 120v cabinet saw that's about 15 yrs old. It's a good saw, but don't really love the fence.







The table saw is apparently a late prototype of a DeWalt "contractor" saw that was fully equipped with a 50 inch right side table, a solid Bessemer-type fence, and a rear feed table, but was apparently supposed to be portable. It uses 115V power, but is tough enough to cut 2"+ hard maple. It is very accurate, and a pleasure to use. I built the rolling storage cabinet that stores all things related to the table saw which is rolled under the right side table.

The saw was donated to BAWA 2 years ago, John Blackmore and others went to the owner's place with a truck and removed it. We then had an online auction benefiting BAWA and I bought it. I then donated my Bosch portable contractor's tablesaw to BAWA and it was bought by a member. So the exchange was good for BAWA.