
Subject: The Sawboard: a circular saw guide that works!
Posted by [AudioLapDance](#) on Sun, 15 Jul 2001 15:52:37 GMT
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For those trying to do things on the cheap, this jig's a dandy! Go to:<http://members.aol.com/woodmiser1/sawbd.htm>Ain't that a sweeeeeet jig!Maybe we could start an idea trade or make a thread that lists a bunch of DIYer dream tools!Does anyone know if there's an easy jig to put on a hand drill so it will drill perfectly perpendicular like a drill press?Thanks,Jeff

Subject: Re: The Sawboard: a circular saw guide that works!
Posted by [Akouo](#) on Tue, 17 Jul 2001 02:08:54 GMT
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Yes there is, it is used in metal working to tap, but it cost 30 to 40 dollars. Cheaper and more convinient to buy small drill press. Size does not matter, we use it to make holes in the middle of 1" steel plates, just use a series of bigger drills.

Subject: Re: The Sawboard: a circular saw guide that works!
Posted by [AudioLapDance](#) on Fri, 20 Jul 2001 13:08:34 GMT
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Thanks for the reply Akouo!I would love to get a drill press but for alot of the drilling I do it would be inappropriate--I can't imagine trying to lug my theater Seven Pi cabinets under a drill press! A hand drill jig/brace would be way easier!Do you have a name for the tool you mentioned?Thanks,Jeff

Subject: Re: The Sawboard: a circular saw guide that works!

Posted by [Akouo](#) on Sat, 21 Jul 2001 04:50:57 GMT

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The tool I mentioned is mainly used for tapping, you can get it from metal tooling supply companies. Going back to the drill press. Go down to the local Home Depot, buy their smallest drill press (\$40). Before you assemble it, cut the support shaft in half. Now, when you assemble it, just mount the head and the base. Take a jig saw and cut a nice big 4" hole in the base. Voila, you have a portable (25lb) drill press. Buy a very deep throat clamp and a ratchet strap. Strap or clamp the front of the base when you are drilling. You will now drill vertical hole with very high placement accuracy. Your only limitations in drilling is the size of the drill. We have two, a .33hp-35lb-\$40 and a .75hp-110lb-\$130 of cheap Chinese "portable" drill presses. We sometimes use them to drill holes on 1.5" thick steel vertical plates on 65,000 lbs. hot presses. I figured this is far easier then getting the boys to tote the the presses over to the mill, especially after lunch. Buy the way, they (HomeDespots) also have a small "drill press" that you attache your drill to. JUNK!

Subject: Re: The Sawboard: a circular saw guide that works!

Posted by [BillEpstein](#) on Mon, 10 Sep 2001 20:49:06 GMT

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Akouo, that is a wonderfully elegant solution to the problem of accuracy with hand drilling. I had to read your description twice to realise that the work table is gone; just drilling through the base onto the workpiece. Wow. If you're veneering, you could even forgo the clamp and screw the base right onto the work.