

Modifying an Arbor Press

By "TinkerJohn" of Youtube:

https://www.youtube.com/watch?v=tFfx2_bj104

As enjoyed by R. G. Sparber

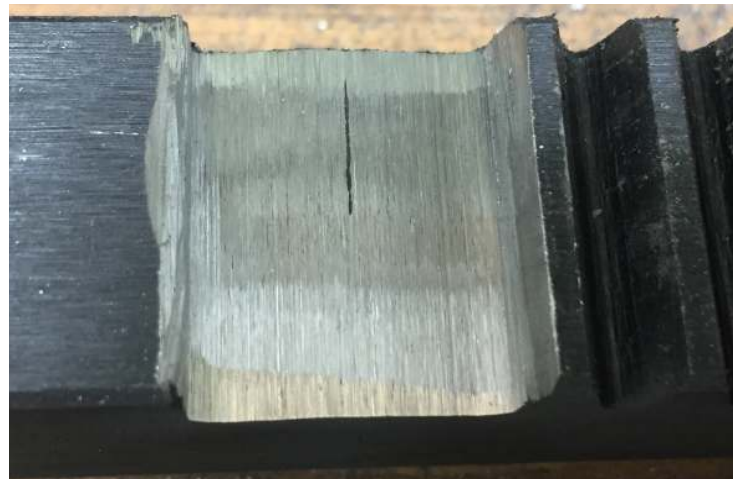
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In this video, TinkerJohn presents an extremely simple modification of an Arbor Press. I have only attached my name to his work so I can show you that I did this modification and it worked great.

TinkerJohn ground off the bottom two teeth of the arbor press rack in order to permit an easy adjustment of the feed bar angle. I won't go into any detail here because the video does a fine job.



Here I am grinding off those bottom two teeth. It turns out to be the width of my bench grinder's wheel. Grind until it looks like this:



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With the front cover removed from the arbor press, you can see the pinion gear and how the rack meshes with it. When the rack has been raised to where the teeth are missing, the pinion can be turned without further motion of the rack.



One minor complication did creep in. I had to replace my hex head screw at the bottom of the ram with a longer screw. The old screw head prevented the rack from rising enough to slip the pinion gear.

My hat off to TinkerJohn for a very fine idea!

I welcome your comments and questions.

If you wish to be contacted each time I publish an article, email me with just "Article Alias" in the subject line.

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