

Drill Press Table Elevator, Version 1.0

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The easier it is for me to raise and lower the table on my drill press, the more likely I will do it. When it was difficult, I kept a stack of MDF squares nearby and would stack them up to fit. Sometimes that is still the best answer if the stack is short and I have to change heights on each hole.



Using miniature pulleys plus some ball chain, I rigged up a little block and tackle. At the bottom of the picture you can see the top of my counterweight. The ball chain pulls up on the table near the column with about as much force as the table pulls down when it has my vise on it and is unlocked.

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When I want to adjust the table, I unlock the column clamp. Then I pull on the ball chain going to the counter weight. A slight pull down and the table rises. A slight pull up and the table lowers. When done, I check the tables rotational position and then relock the table.

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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