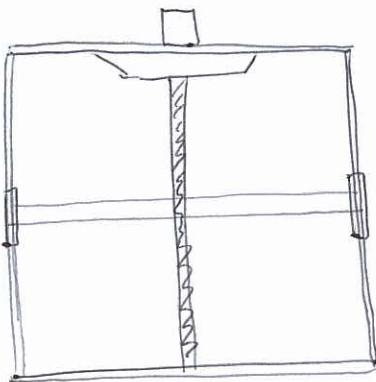


MAKING THE CROSSBAR STAY LEVEL 3 DIFFERENT SUGGESTIONS...

- (1) POLISHED RODS. By running two rods either side of the adjustment screw. These rods will aid the screw in keeping the crossbar straight.
Using extended bearings will counter side movement of crossbar & not limit travel of it.
- (2) 2 MOTORIZED SCREWS. By running two separate motorized screws, one on either end of the crossbar. This will make the crossbar stronger and less likely to not run straight.
- (3) LENGTHEN CROSSBAR SLIDES. Doing this will increase resistance to making the crossbar run out of alignment to the job.

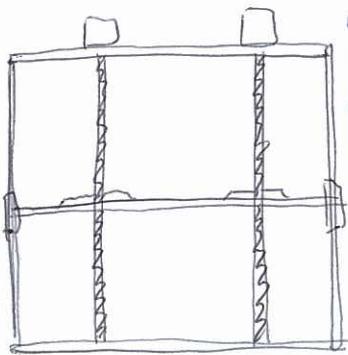
Original Version

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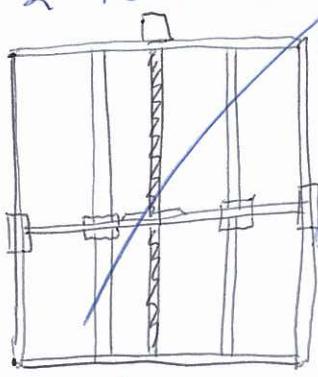
Suggestions x 3

(1) 2 motorized Screws



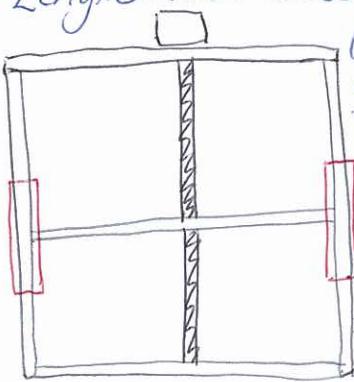
(1) With two motorized screws, the issue would be to try to make them work in unison to prevent possible crossbar being slightly bent each time another distance is selected.

2 Polished Rods.



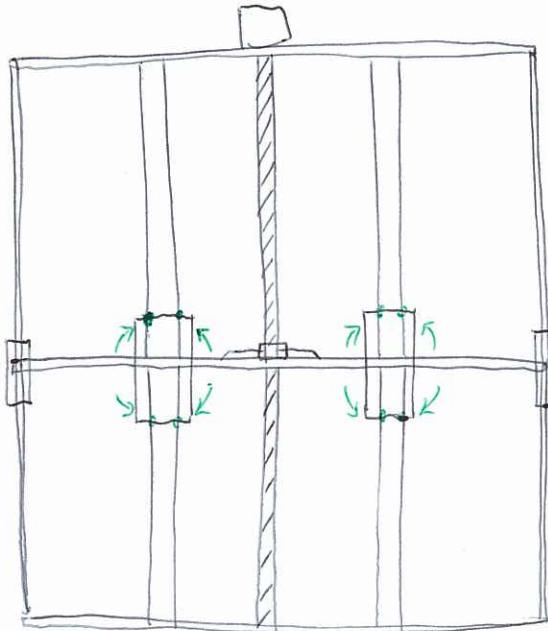
(1) Rods need to be as close as possible, dimension wise to the size of the crossbar slide holes. A variance in the fit could exaggerate movement of crossbar slide.

(3) Lengthened Crossbar Slides.



(1) Lengthening slides will make the crossbar stronger. The downside is that with the slides being larger, they may interfere with amount of crossbar travel.

2 Polished Rods



By introducing two Polished Rods to the Crossbar set-up. These will help in countering side movement of the crossbar. They are to be used with original slides.

Note: brushes are not to dimension.

Using these can also aid in not reducing travel of crossbar (~~Using long Slides reduces crossbar travel~~).

The Rods can also be positioned so as to not interfere with travel of Crossbar. Extended bearings address torsional movement.