

The response to my post from Joe on my Jointer issue

I have a harbor freight jointer that does ok, but I'm running into a small problem.

When I make several passes on a rough edge the edge starts to bow, which indicates that the in-feed table is not parallel with the out-feed.

Using a machined aluminum level I adjusted the Jig pressure so the in-feed table was 0.032 using a feeler gage.

BUT I'm still getting a bow after several passes, just not as bad.

Any thoughts or advice?

Joe's response is:

a crown in the center of stock is more than likely a problem with technique than with the jointer.

There are many things you can check but the first on is to be sure all your knives are on the same plane.

That is done with a stick about 1x2x14

Set the stick on the outfeed table (jointer unplugged guard removed) on the fence side Make a mark on the stick right at the edge of the outfeed table. Now rotate the knife head so the stick moves toward the infeed table Make a second mark where the stick stopped .

Now move the stick to the outboard side of the machine (closest to you, rotate the head back (so you are checking the same knife) and set the first mark on the edge of the outfeed table rotate the head toward the infeed table again. If the second mark aligns with the table than that knife is parallel across the width of the machine and good to go. If it does not align with the second mark you need to adjust that knife so that the marks both line up.

Before you start adjusting knives go ahead and do the same process to each knife in the way described and make notes of each position The only two marks needed on the stick tell you if each knife is set at the same height. If one (or part of one) is set too high it will create the problem you describe.

If you find all your knives are set properly and your technique is not bad (you should not push down on top of the jointer head when running stock this creates the same issue you are describing) then the possibility exist that the tables need adjusting. I will be happy to share this with you after you make sure that your technique or a raised knife is not an issue first.