

SVEN ROLLER MILLS

answers to FAQs

Answers to some of the most common questions ...

1. MILL OPERATION

Before: Always start the machine prior to pouring in product.

Finish: Run all product through before shutting off the machine. You can either process all product, or use the slide gate to shut off feed.

2. FIRST GET THE MACHINE

Make sure the slide gate in the hopper is half open for small grains. If using for corn, you will need to open the gap in the rolls quite a bit more, the slide gate as well can be opened more.

3. MORE CRUSH

To get a little more crush, move stop bolts (A) on side of machine closer together.

OR adjust the slide gate

4. MAXIMUM DRAW ON MOTORS

This is indicated on the name plate mounted on motor

5. SUGGEST AMP DRAW GAUGE

wired in to show draw

6. SLIDE GATE

in hopper should be about 1/2 open to give maximum draw on motor

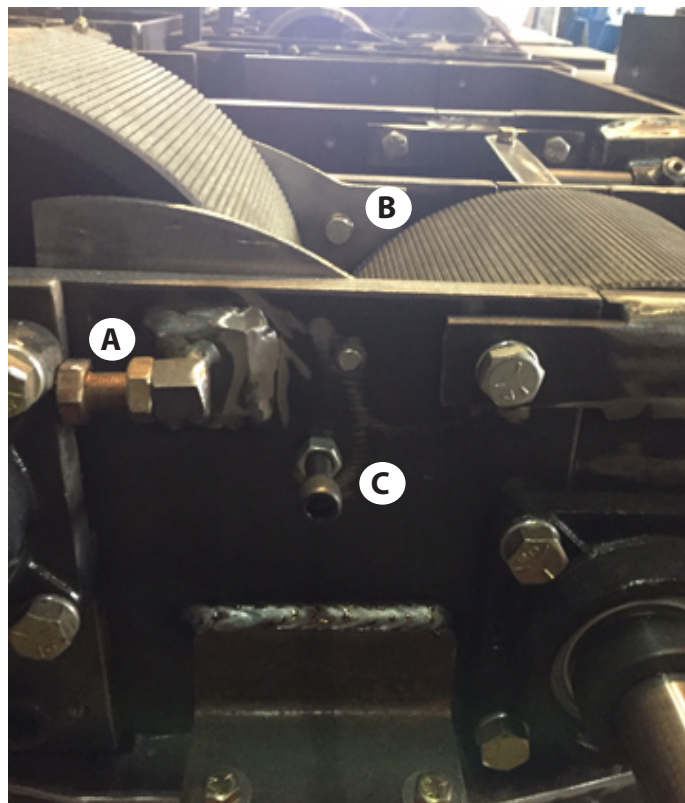
7. GRAIN FALLING DOWN SIDE OF FRAME

There are two bolts that handle the wearplates on the Sven roller mills. Bolt B (5/16) on inside of machine holds earplate to frame.

Bolt C (5/16 allen head) flexes the wear plate. Flex wearplate almost to touch roll, this will prevent the grain from going down the side of the frame.

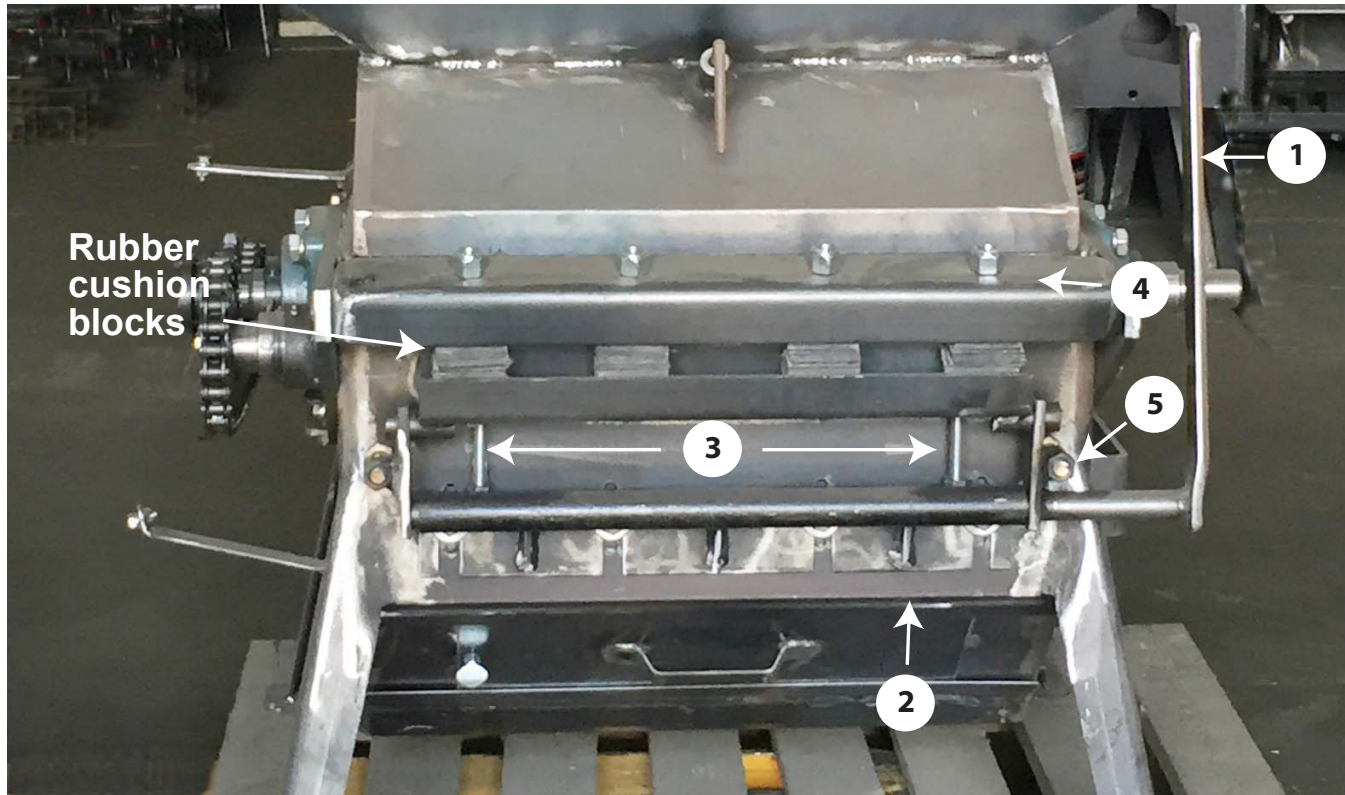
8. REGROOVING ROLLS

Typically you should get 3 regroovings to a set a rolls. Prior to regrooving, you may notice a lip on the end of the rolls. This is normal. What can be done, is this lip can be planed down.



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ROLL ADJUSTMENT



The following information is intended to help you adjust the machine in order to give you a quality rolled product.

After regrooving your the rolls you may need to adjust the rubber tension on the machine. Points 1 to 5 will address the adjustment procedure.

1. First pull the lever back to relieve the pressure on the roller.
2. Loosen the bolts numbered #2. (There may be a varying number of bolts depending on the size of the roller mill you have.)
3. Loosen the lock nuts on the adjuster bolts #3, then adjust the bar in #2 upwards approximately $\frac{3}{16}$ of an inch. Tighten bolts you previously loosened in #2.
4. You will find your cannot push lever #1 back into position. In order to put the lever into position, tighten the bolts #4 until you can push the lever over center.
5. The adjustment bolt below the lever shown as #5 should not be changed unless the lever #1 goes over center too far and allows the rolls to open. The over center lever #1 should be only set far enough to be over center so it just locks into place.

There are two bolts, one on each side of the roller mill frame. These bolts are to adjust the spacing between the roller mill rollers. By increasing the distance between the rollers the grain will be squashed less. As you bring the rollers closer together the grain will be flattened or broken up more.

SVEN COMPONENTS

