

## Websaw Roller “Clunking”

Please note that the term “clunking” or “knocking” is not to be confusing with the sound of the motor growling or whirring. That would be better fixed by checking the amplifiers.

**Possible Causes:** Love Joy Spider is Missing, Gear Drive or Motor has Failed (Uncommon), or the Roller is not Centered

**Step 1)** Check that love joy coupling is in place and in good condition. This can be checked by rocking the roller left and right with your hands. If there is free play in the roller, the spider may be to blame. Would also cause irregular lengths. Replace with TCT# RC-0001. If spider is present and in good condition, continue to step 2.

**Step 2)** Check that the gear box and or motor has not failed. Disconnect roller shaft from motor at the love joy coupling, and spin the gear drive and motor to feel for “clunking”. If the intermittent resistance is felt within the gear drive and motor, separate the units and check each respectively to isolate the problem. If gear drive and motor spin smoothly, continue to step 3.

**Step 3)** To properly center the feed roller with motor, install a 2” rubber coupling PVC over the love joy coupling. This part is available at your local store. Be sure to add a third hose clamp in the center. Tighten 3 clamps as tight as possible.

**Step 4)** Loosen 4 bolts on bottom back of motor mount to re center the motor. Retighten Once it has self-centered.



**Step 5)** Test roller by jogging to see if clunk has stopped. If not. Loosen all four bolts on pillow blocks. Roller should rest evenly on both pillow bolts without being bolted down. Tighten bolts in order of below numbers, turning roller to check for smoothness as you tighten bolts. Start with front (closest to door) pillow block 1 & 2. Once the front bearing is tight, confirm there is not gap under the rear pillow block. Tighten 3 & 4 then retest.

