

Rip Saw Instruction Procedure

Purpose

To make a straight edge on an unfinished board for a more consistent cut.

Power on Machine

[Image 1.jpg](#)

1. Press the green button to start the saw blade

Image 2.jpg

2. Press the green button to start link chain conveyor

Chain conveyor will not start if the saw blade is not running

Image 3.jpg

3. Open gate to the dust collector

Image 4.jpg

1. Start by loosening the clamp to set conveyor height

Image 5.jpg

2. Turn the wheel to adjust the conveyor height then set the clamp back into the locked position

Height should be set to 1/8 less than the thickness of the board to be cut

Image 6.jpg

3. Turn on laser guide

Explain to the employee why the conveyor height needs to be set 1/8 of an inch less than the boards thickness

Ripping Part

Image 7.jpg

1. Set the front right side of the board in the center groove of the conveyor

Image 8.jpg

2. Line up the back of the board with the laser guide

Image 9.jpg

3. Push the board forward till the conveyor catches it

If the conveyor doesn't grip the board, stop the machine and double check your conveyor height

4. After the board passes through the rip saw, verify that you have a smooth straight side.

Image 10.jpg

5. Loosen the fence clamp

Image 11.jpg

6. Set fence to measurement the board needs to be and set the clamp back into the locked position

[Image 12.jpg](#)

7. Set the smooth side of the board flat against the fence and push the board back through the conveyor

Power of Machine

[Image 13.jpg](#)

1. Press both red buttons for the saw blade and the link chain conveyor

2. Make sure to close the gate to the dust collector

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