Shapeoko XXL Checklist

🟧 connect USB, power On, check LED (green) status on touchoff block

🟧 Start Carbide Motion on your PC

🟧 Press <Connect To Cutter>. Initialize button should be visible

🟧 Press <Initialize>. Router should return to machine home. <JOG> should appear on top

🟧 Goto <Settings>. Goto <Load Defaults>. Select Shakypoo 3 XXL and Belt Drive. Set any other options such as Bit Setter OFF, and Inch or Metric. Press OK.

🟧 Press <Send Configuration>. Verify selections. Press OK.

🟧 Automatically back to Job Settings. Press <Initialize again>.

🟧 Goto <JOG>. Press <Rapid Positioning. Using Orthogonal movements only <N, S>, move router to front of machine. Set endmill.

🟧 Press DONE. Press Increment until it reads FAST.

🟧 Using X+/- and Y+- (and decrement movement) move to where your job will start. Make sure you set to the CENTER of rotation of the endmill

🟧 Press <Set Zero> and <zero All> then <DONE>. This sets x and y axis.

🟧 Using X+/- and Y+- move to where you can set the height block. Using Z- CAREFULLY lower the Z to within 1/2" of the top of the block.

- 🔶 Connect the clip to the endmill. Touch the block to the endmill and verify the LED turns RED.

- 🔶 Press <PROBE> and select Bit Setter 1 picture

- 🔶 Select Probe Cycle Z

- 🔶 Select <Begin> and hold block steady until it touches off. Z is now set. If it errors out you were probably too high. Start over from initialize. REMOVE THE CLIP FROM THE ENDMILL.

- 🔶 Select <RUN>. <Load New File>. Load your file like regular windows. Network not available.

- 🔶 Select <View> and go to bottom to verify an <M30> exists. Close window.

- 🔶 You are ready to run. Start Router and GREEN Start Button on side of machine.

- 🔶 Make sure you are holding the off button cable until it starts cutting. If it is going to crash – Stop it!

- 🔶 Press <Start Job>. Job should run. <Pause> will stop xy movement and raise the router. Start will continue.

- 🔶 Pressing <Start> will bring up <Tool Change Required>. Ignore and press <Resume>. <Spindle change> will pop up. Ignore and press <Resume> to start Job.

- 🔶 STOP will raise router and move to machine zero.