

# Tips for Using the Auto Passthrough Conveyor

First of all, please check the installation tutorials to start using your conveyor.

## **How to install the conveyor:**

<https://support.wecreat.com/hc/en-us/articles/9767222457743--Video-How-to-Install-the-WeCreat-Auto-Pass-Through-Feeder>

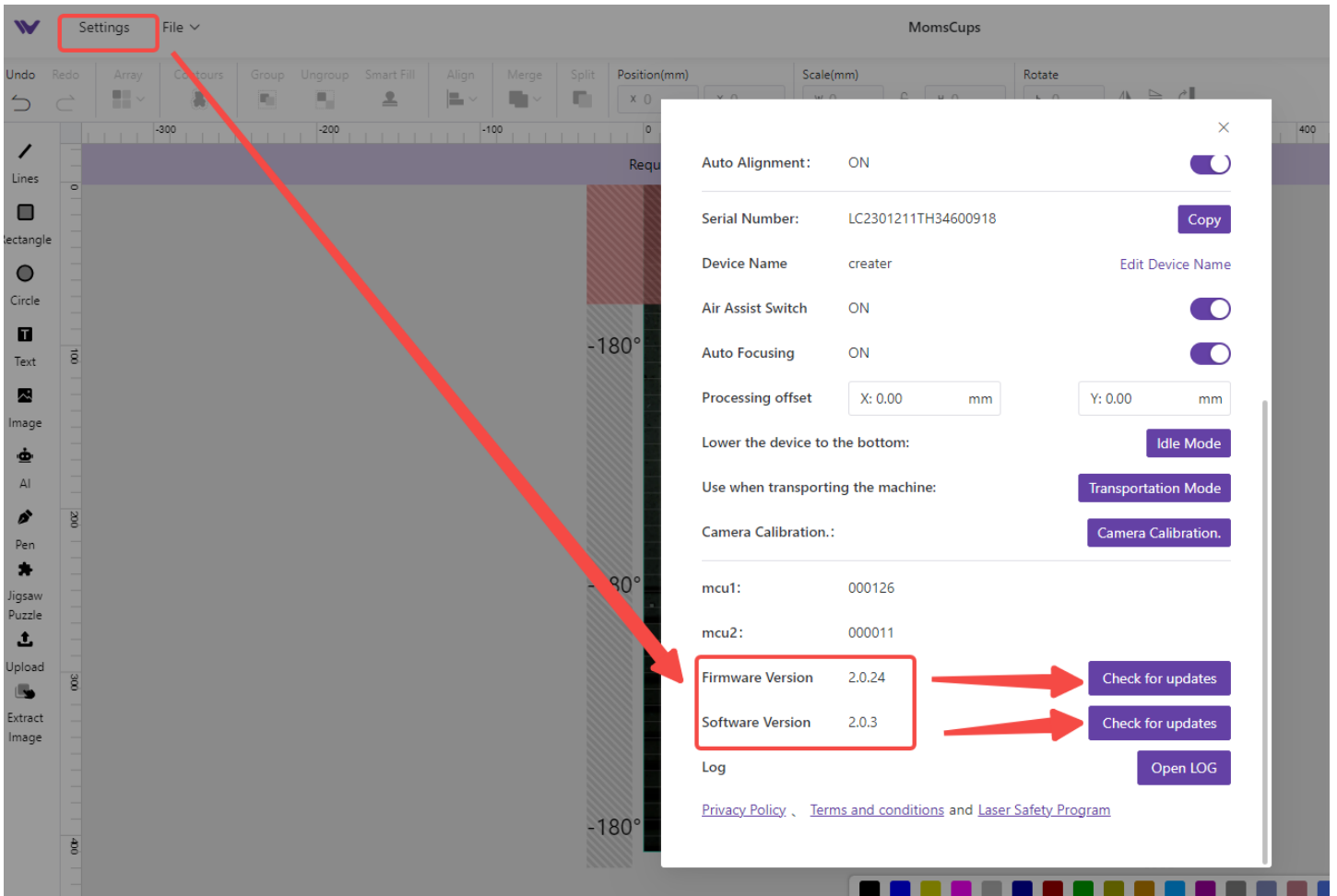
## **How to create a project with a conveyor:**

<https://support.wecreat.com/hc/en-us/articles/10209560060943--Video-A-guide-to-Completing-a-Project-Using-WeCreat-Vision-Laser-with-Auto-Pass-Through-Feeder>

Here are some tips which will help you use the conveyor more smoothly. Before using, please make sure you have

**Software Version:** 2.0.3 or newer

**Firmware Version:** 2.0.24 or newer



1. Please ensure that the lengths of the extension rods on both sides of the conveyor match the dimensions of the material you need to engrave. Pay attention to the lengths of the extension rods at both the inlet and outlet of the material, especially the outlet, as otherwise, there may be issues with material dropping during processing.



2. Please place the conveyor on a **very flat tabletop** and ensure that the front panel of the machine is parallel to the conveyor. Otherwise, material skewing may occur during processing.

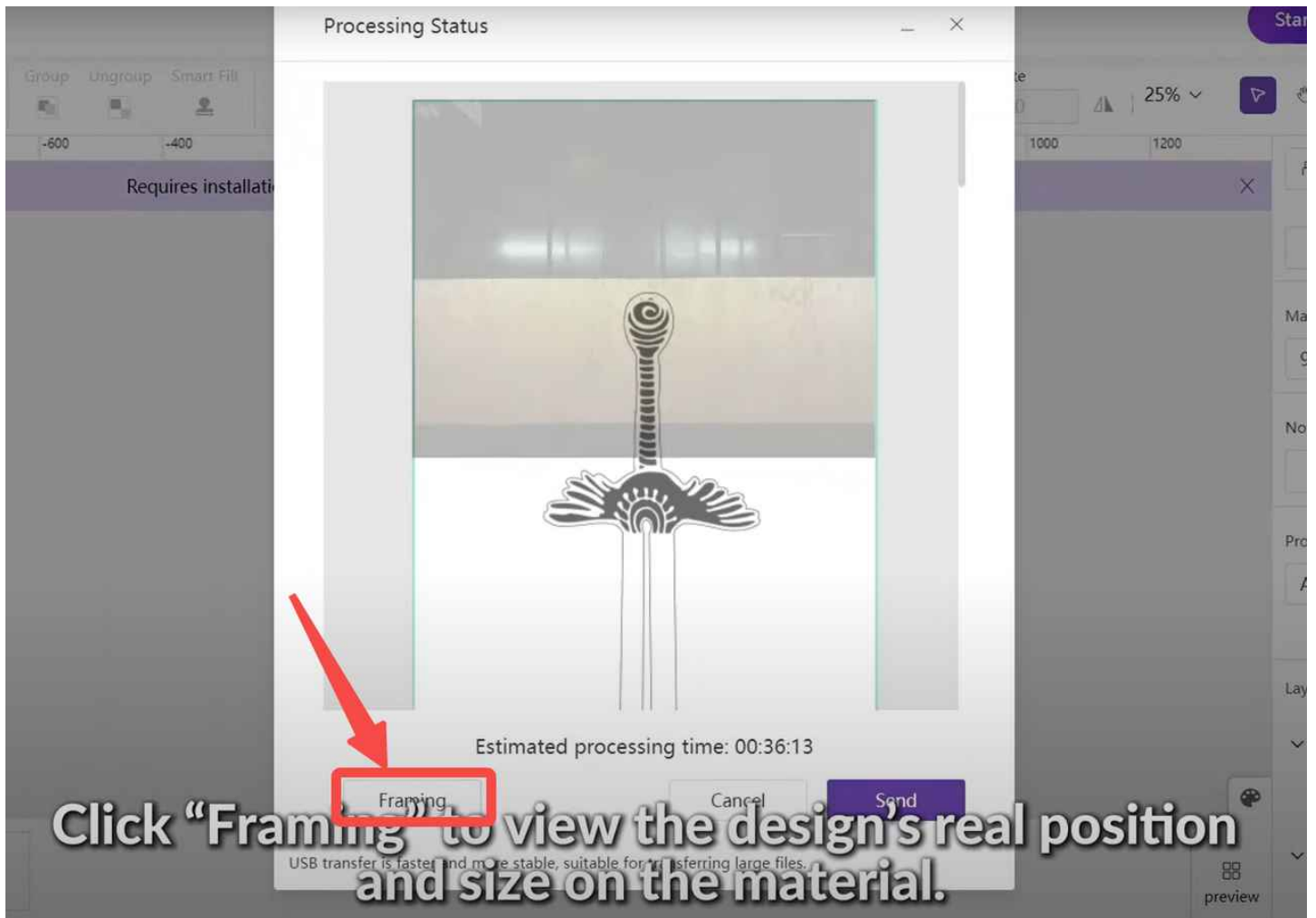


3. The conveyor itself can handle materials up to 14mm thick. When used with Vision without raising the Vision, it can handle materials up to 8mm thick, provided the materials are very flat. Considering that many materials may warp or have uneven surfaces, we recommend raising the Vision when the thickness of any material exceeds 5mm, typically using 3mm wooden blocks. Remember not to use too thick wooden blocks, otherwise the laser head will be too far from the material surface to do an autofocus. For operational instructions, refer to the video tutorial at:

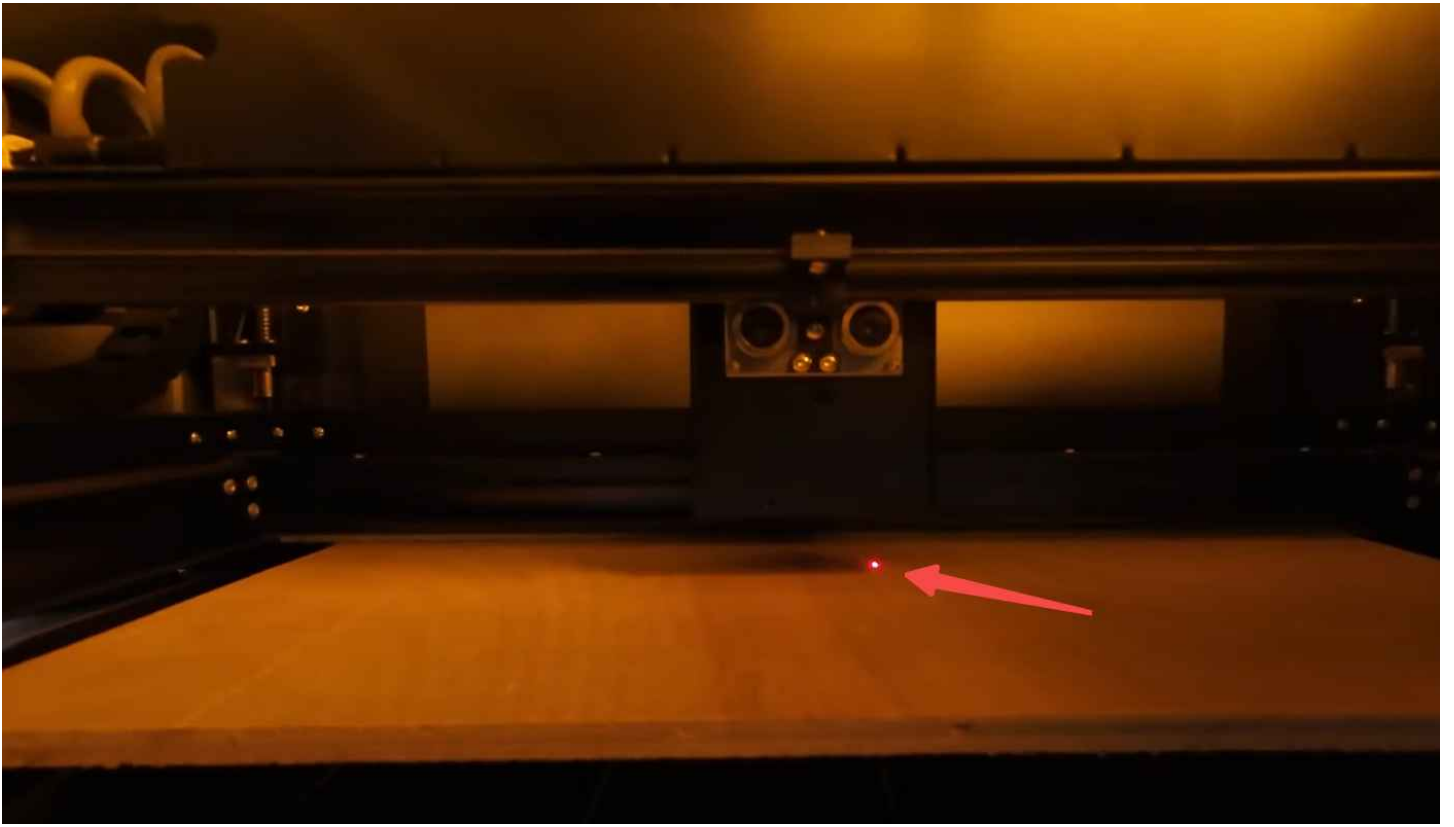
<https://support.wecreat.com/hc/en-us/articles/10000597635087--Video-How-to-do-if-the-board-touches-the-fame-inside-the-machine-and-does-not-pass-through-when-feeding>



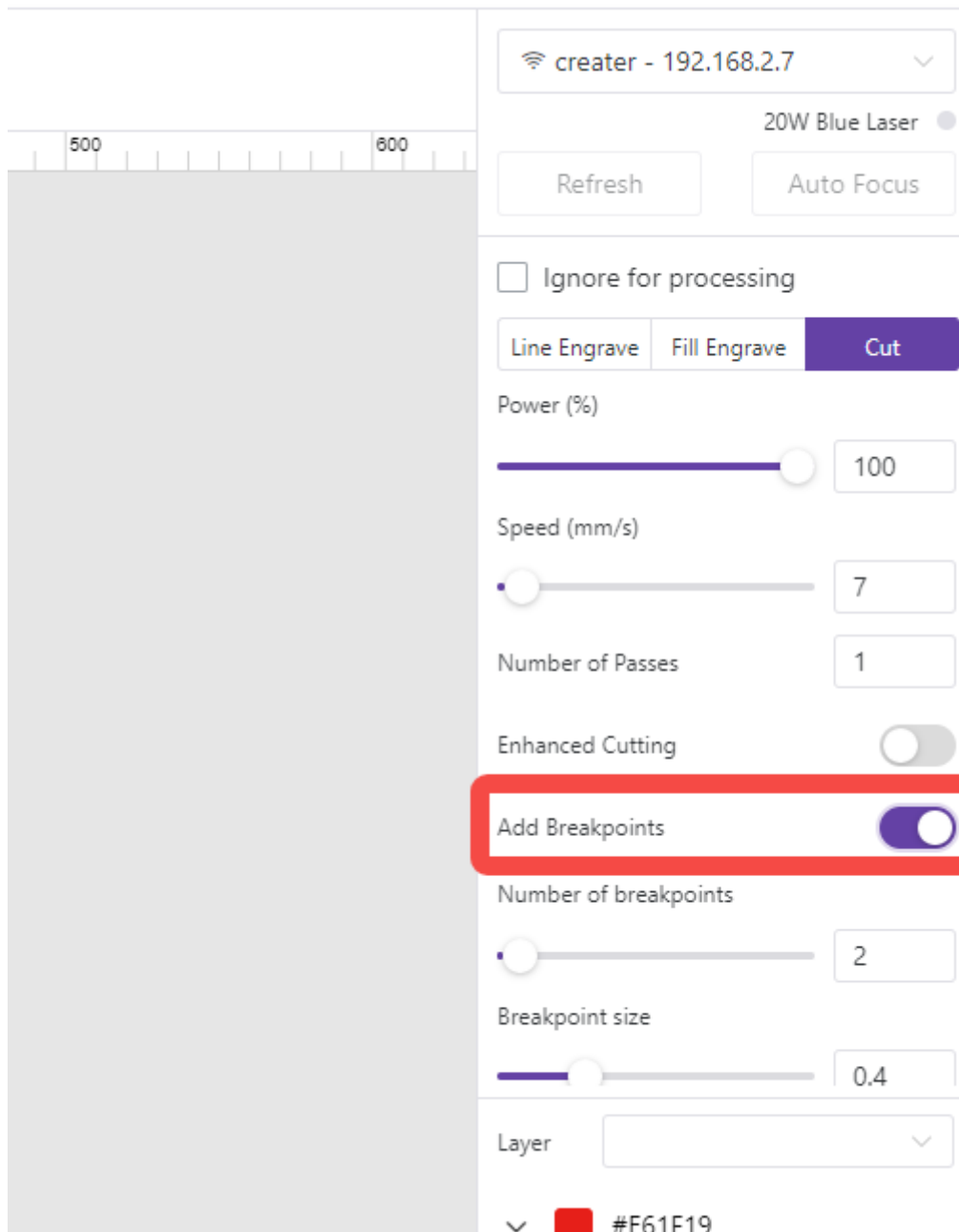
4. Before starting a task, we recommend clicking the **Framing** button in the preview window to observe the laser head's movement path and confirm that the material's length and flatness are appropriate. This helps prevent issues such as material jams or insufficient material length during the entire processing. Normally we suggest the materials should be 50cm longer than your design.



5. After the framing is completed, the material board will stay at the starting point of processing. The red light point of the laser head will move to the upper left corner of the pattern to be processed. If you notice any deviation between the position indicated by the red light point on the material and the actual starting position needed for processing, you can adjust the relative position of the material and the red light spot until they align. This ensures that the starting point for material processing coincides with the red light point, allowing for more precise positioning.



6. In cutting mode, it is advisable to enable the **Breakpoint** feature to prevent small cut pieces from dropping and potentially causing material jams during work. Remember to add the number of breakpoints according to the size of the cutting area. Here is guidance about using breakpoint: <https://support.wecreat.com/hc/en-us/articles/9081665785103-Parameters-Setting>



7. If you raise the machine, it will be in a semi-enclosed state during cutting, and smoke may possibly overflow. Consider purchasing a high-power inline fan or purifier to effectively remove smoke.



8. For different materials, please refer to the manual to adjust the pressure knob for varying pressures. This will prevent material slippage or excessive pressure.



9. Please place your design and the material correctly to ensure that when doing autofocus, the laser's red light dot falls onto the material surface, but not a blank space on the laser bed, otherwise an autofocus failure may occur.



