

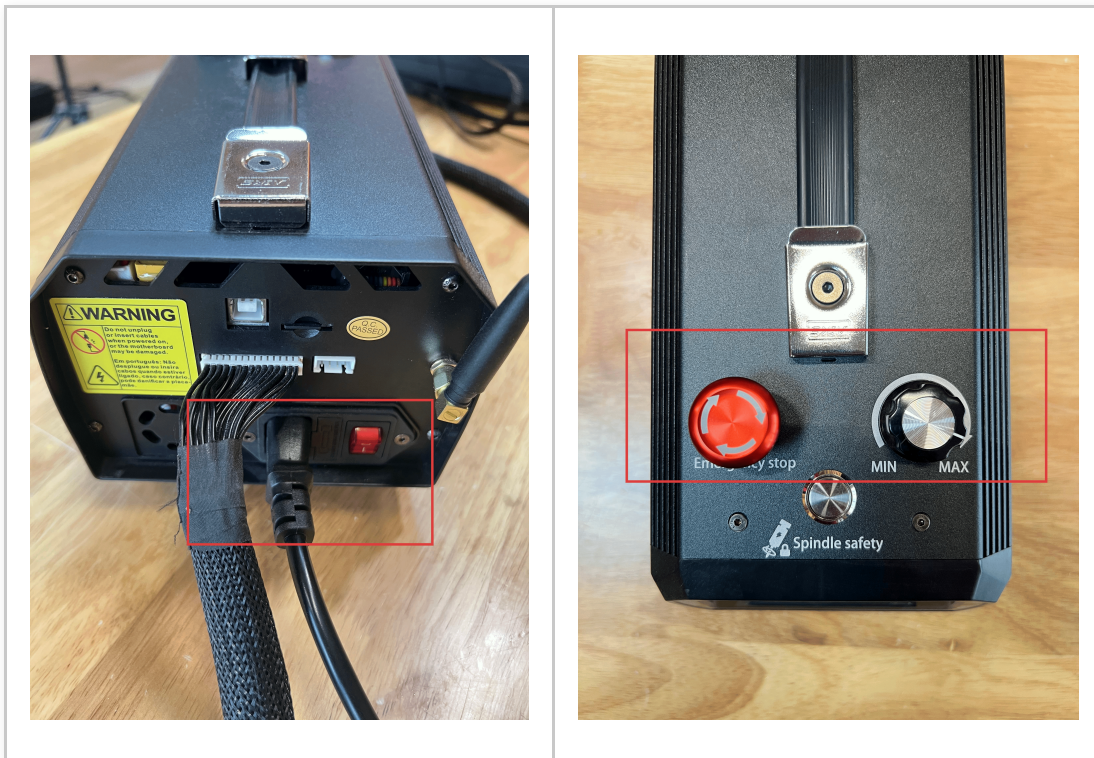
## Preparation before use

### Preparation before use

This tutorial provides a detailed guide on the entire process of preparing for the first engraving operation after the TTC6050 CNC engraving machine is fully assembled.

#### Power on

- ▶ Connect the power cord that comes with the machine to the control box, then turn on the switch. Check whether the red emergency stop switch on the top of the control box is open, and whether the spindle speed adjustment knob has been adjusted to the maximum value.



#### Install the milling cutter



- ▶ [Installation Tutorial for Knife Head](#) 

- ▶ 1. Insert the chuck into the nut, and then screw a portion onto the rotating shaft.

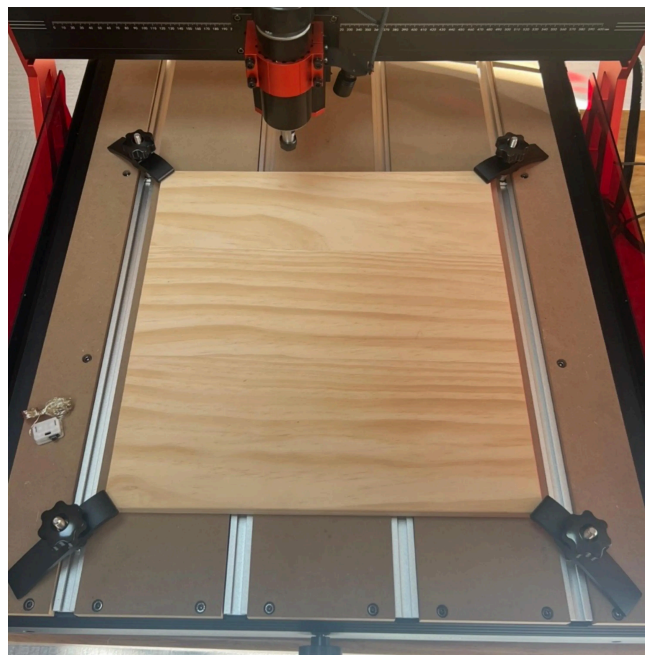
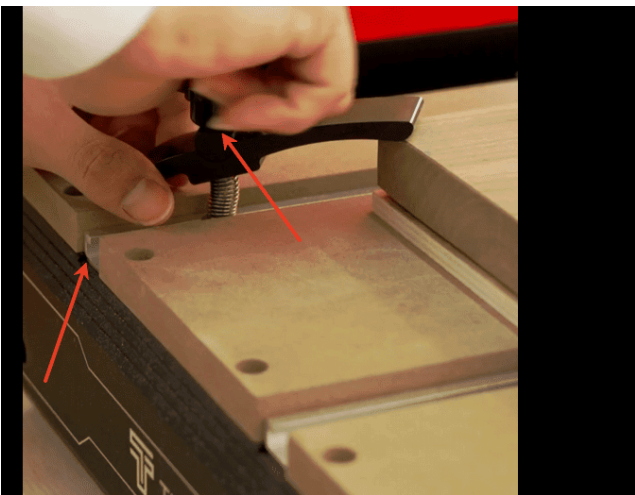


- ▶ 2. Then, after inserting the milling cutter into the chuck, simply tighten the nut with a wrench.



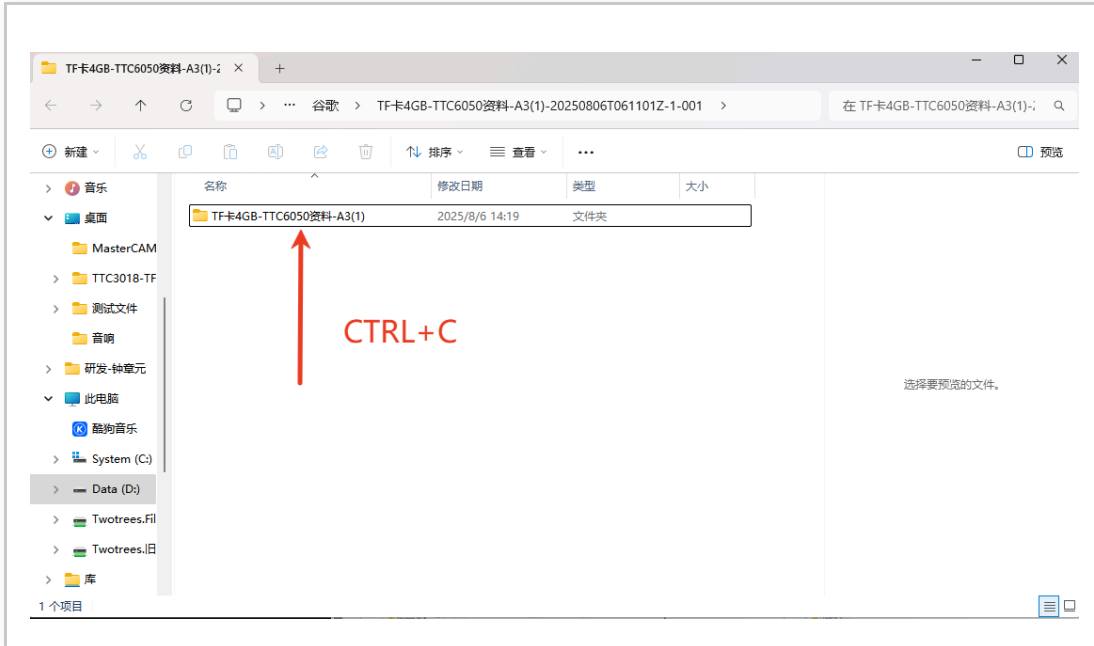
## Fixed sheet material

- ▶ Use a press plate to firmly fix the materials that are needed ( Be sure to keep them flat. Avoid any foreign objects in the machine's travel path to prevent re-collision during operation )

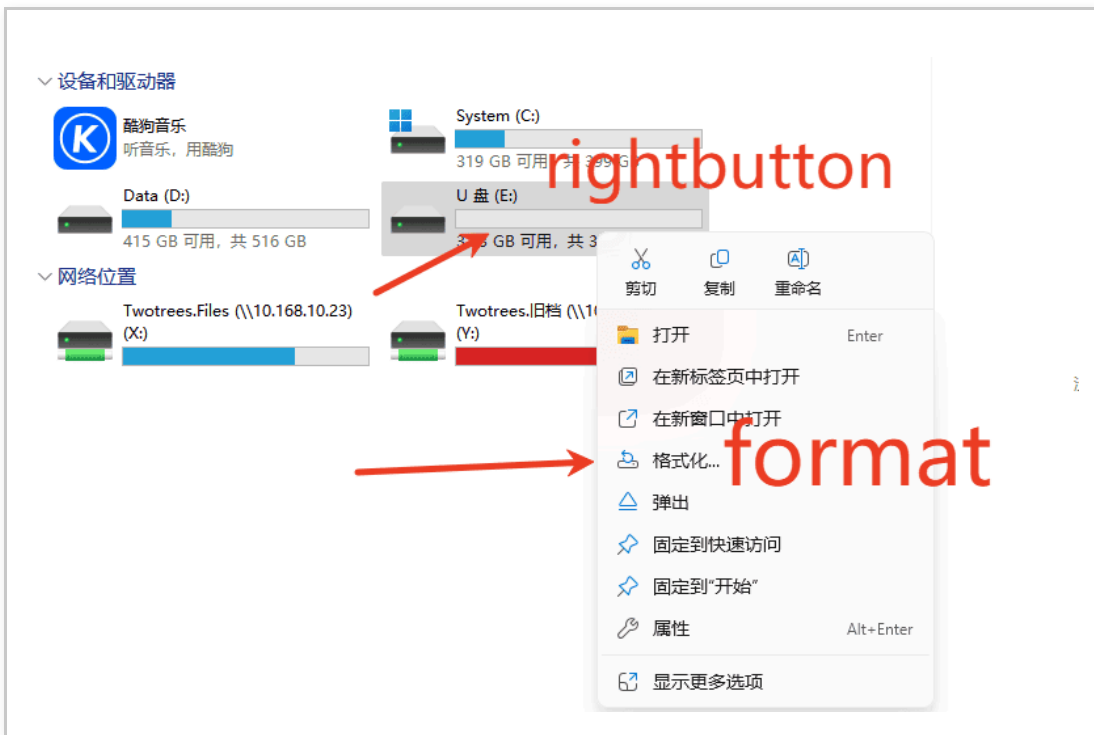


# Prepare the documents

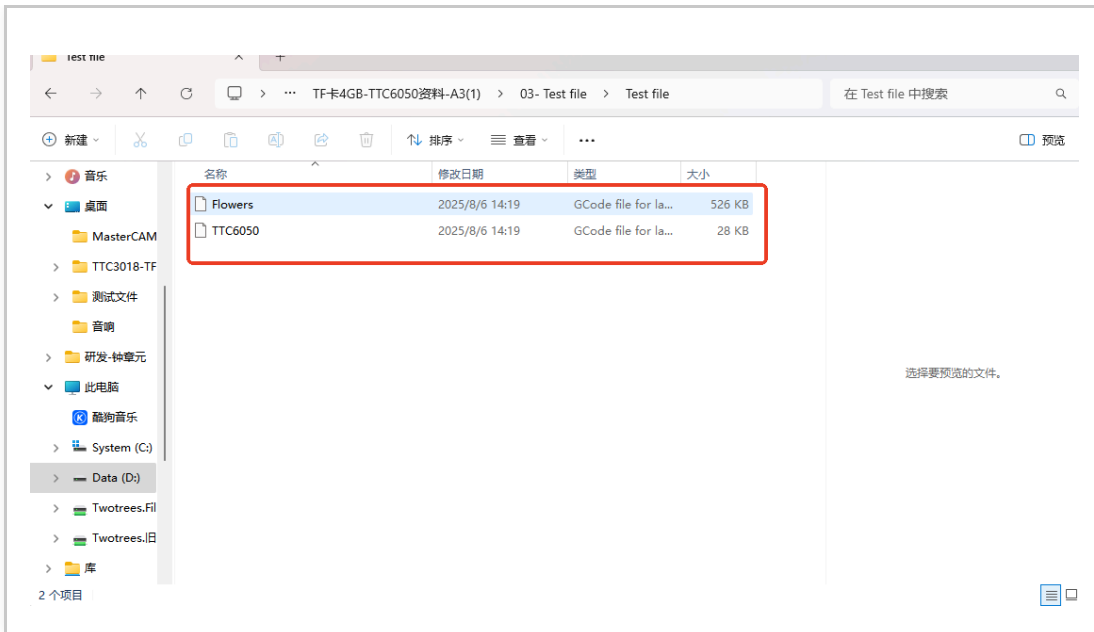
- ▶ 1.Copy all the files from the TF card and back them up.



- ▶ 2.Format the TF card



- ▶ 3.Find the test file in the backed-up files and copy and paste it onto an empty TF card.



- ▶ 4. Insert the prepared TF card into the card slot at the back of the control box.

