GET A QUICKSTART TO GRBLCONTROL SOFTWARE

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Category:https://www.banggood.com/Wholesale-Laser-Equipment-c-3491.html

Product:https://www.banggood.com/2417-3-Axis-Mini-DIY-CNC-Router-Wood-Craving-Engraving-Cutting-Milling-Desktop-Engraver-Machine-240x170x65mm-p-1209292.html

Firstly, you may know how does 2417 3 Axis CNC Engraver works?
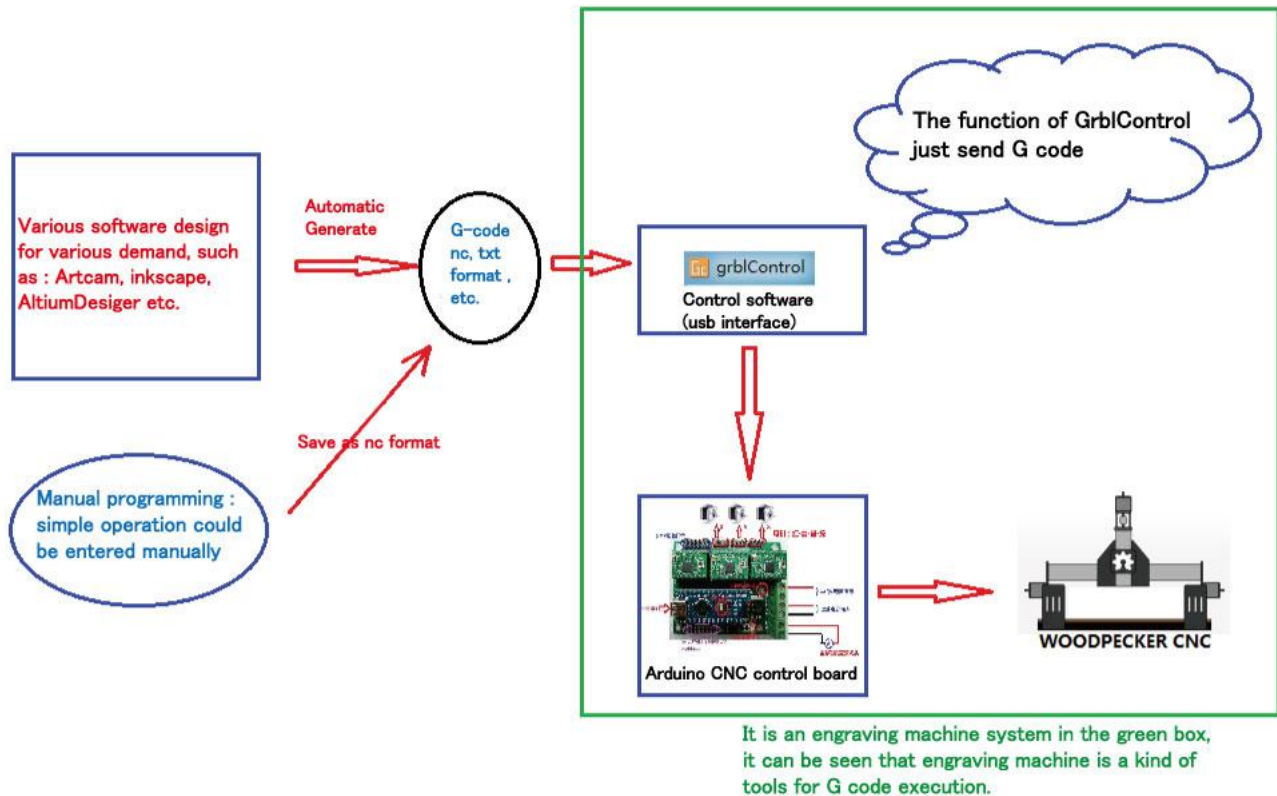
When you open this file, it means that you have already finished the following steps:
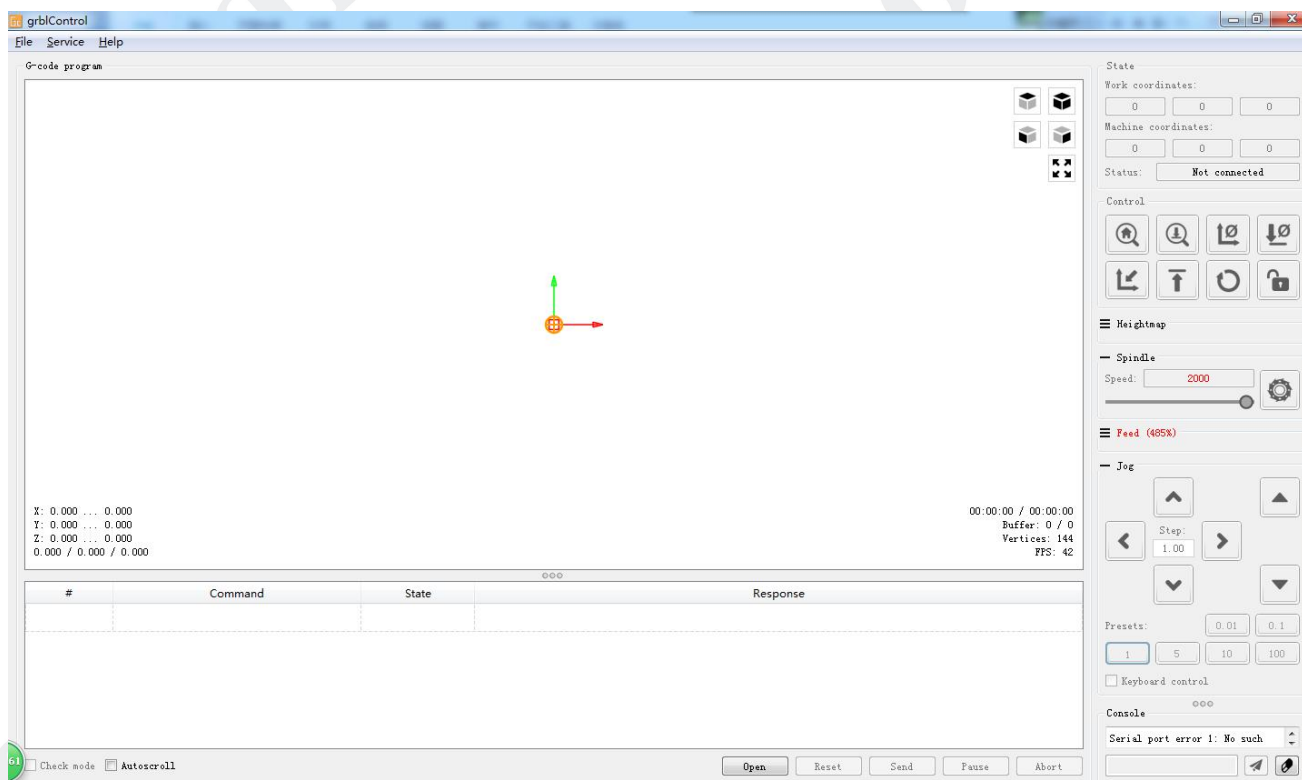
1. Assemble the engraver;
2. Plug the machine in, and connect control board to computer;
3. Install the motherboard driver.
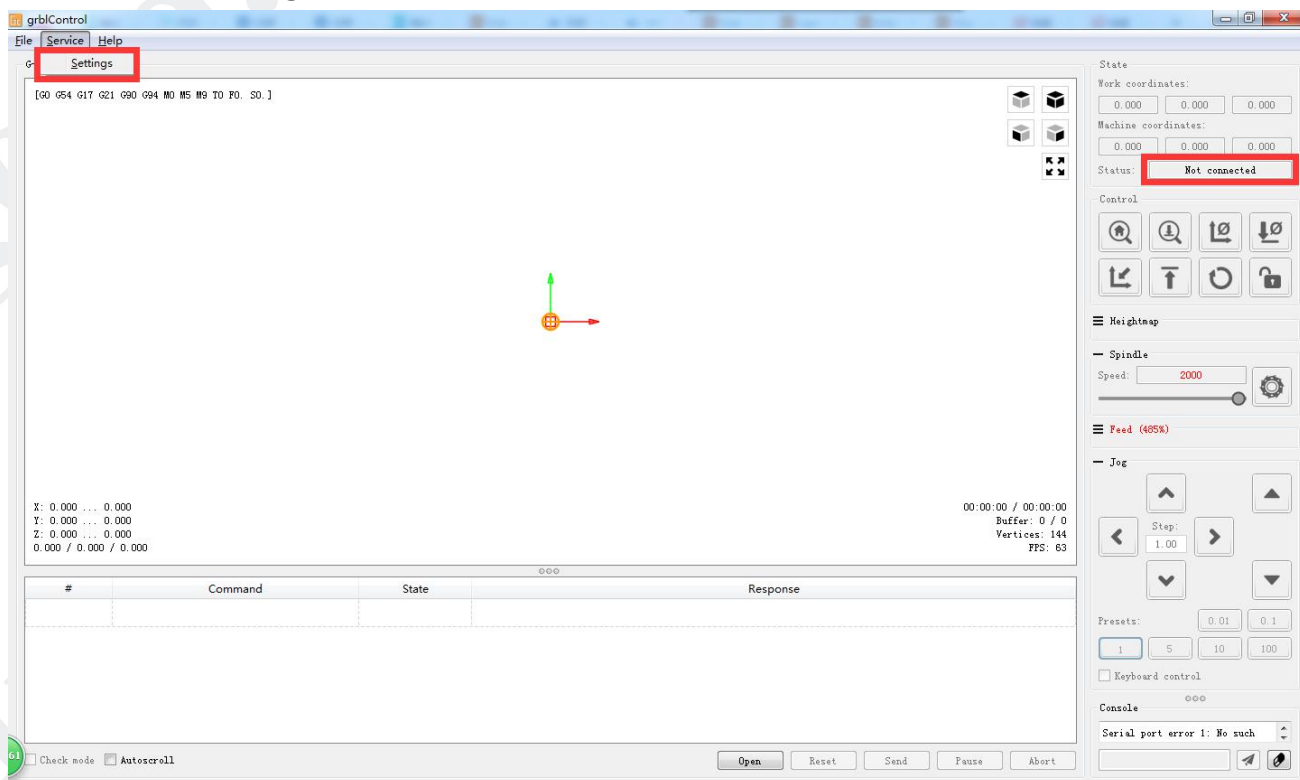
Get a quickstart to grblcontrol software:

1. Download the folder "grblControl_0.8.1" on your computer from google drive, click "grblControl.exe", open the software.
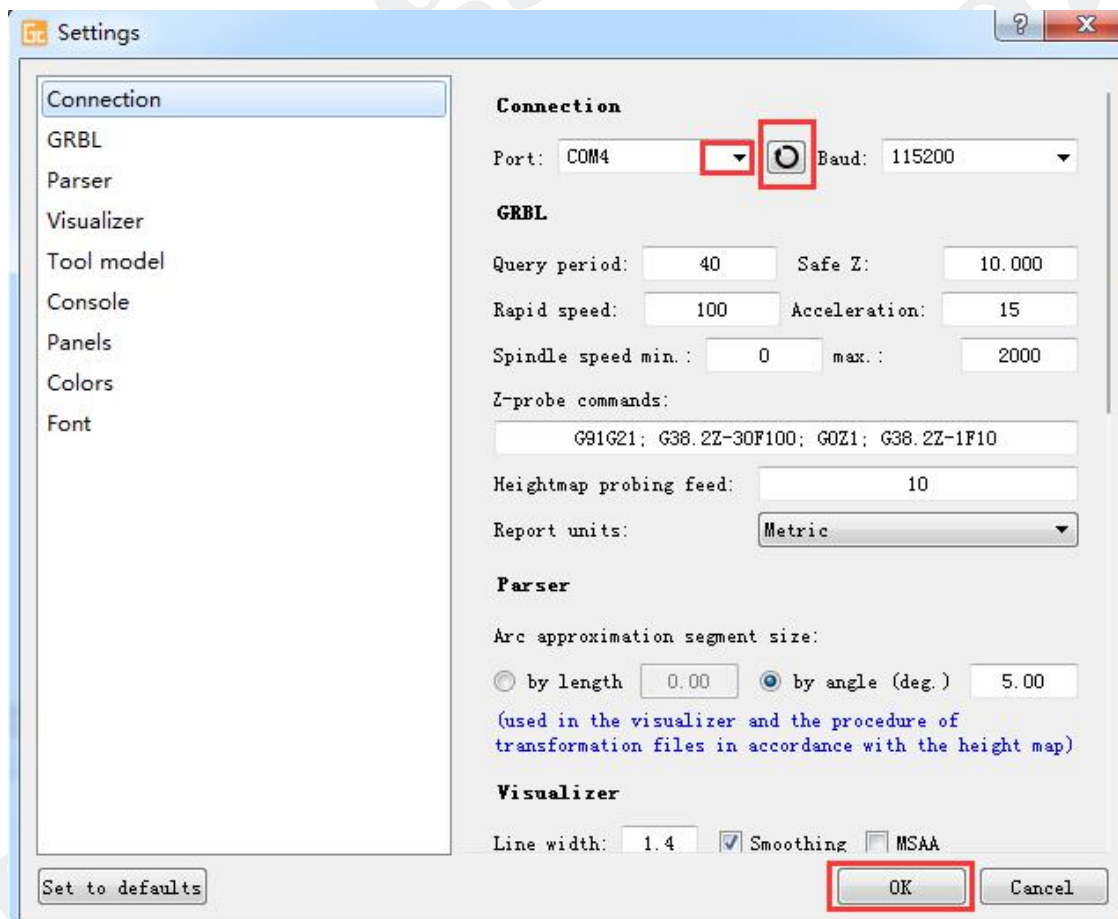
2. At this point, the usb cable and power cable should be plugged in. If it shows "Not connected" here. Then click the setting button.

3. Click the drop-down arrow to change the port, or click the refresh button to change the port. Note that the baud rate at right is 115200, then click OK to save the setting.

If you're not sure the correct port, please open the device manager of your computer. And check the port ID of your CNC machine, then choose the correct one in setting. (The port name and COM7 shown here are just for reference, please take the actual situation as standard.)
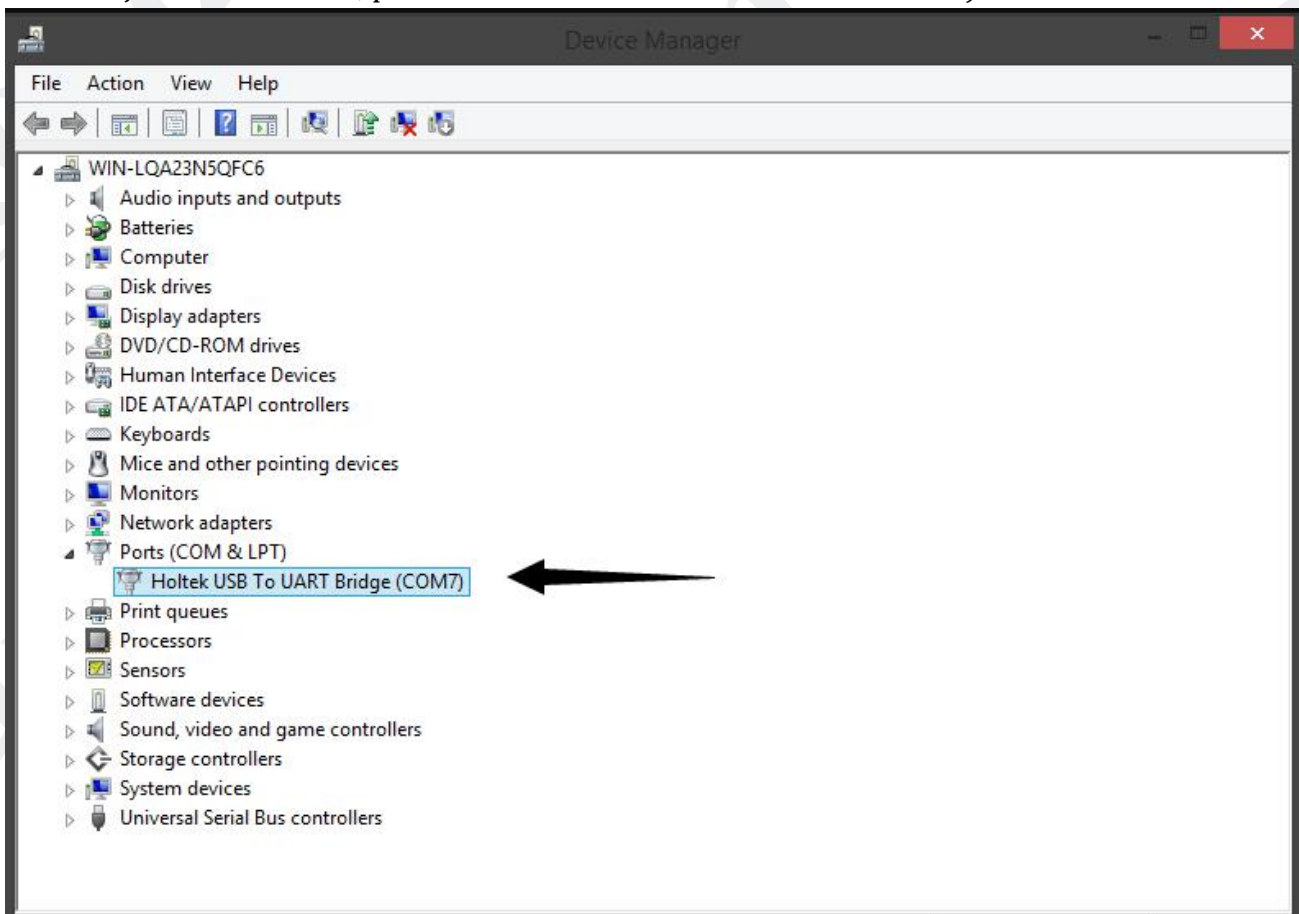
4. Then the status shows "Idle" here, means CNC Engraver has been successfully connected to the computer.
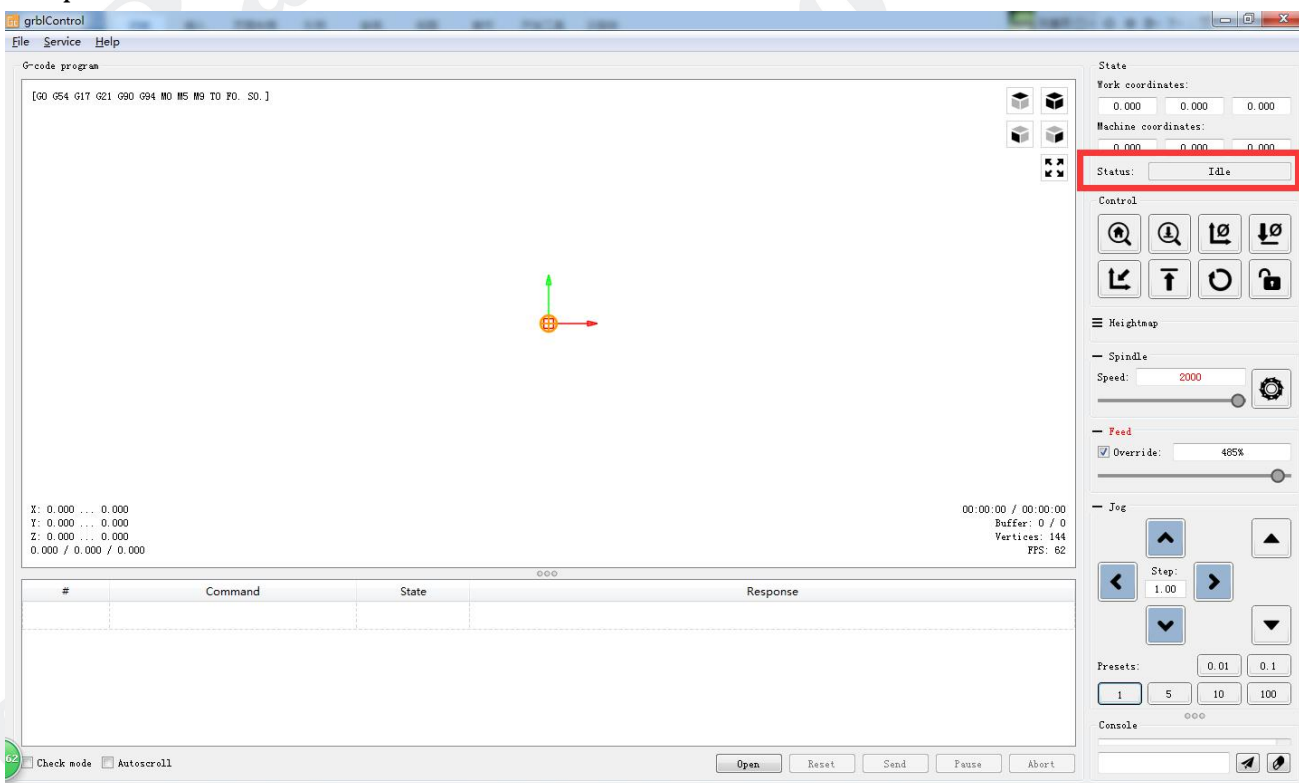
5. Download the "Test G Code" folder on your computer, open it, then open following folder "For Spindle Motor Engraving NC", then drag the .nc file (For example, bxjg.nc) to blank in grblControl software.
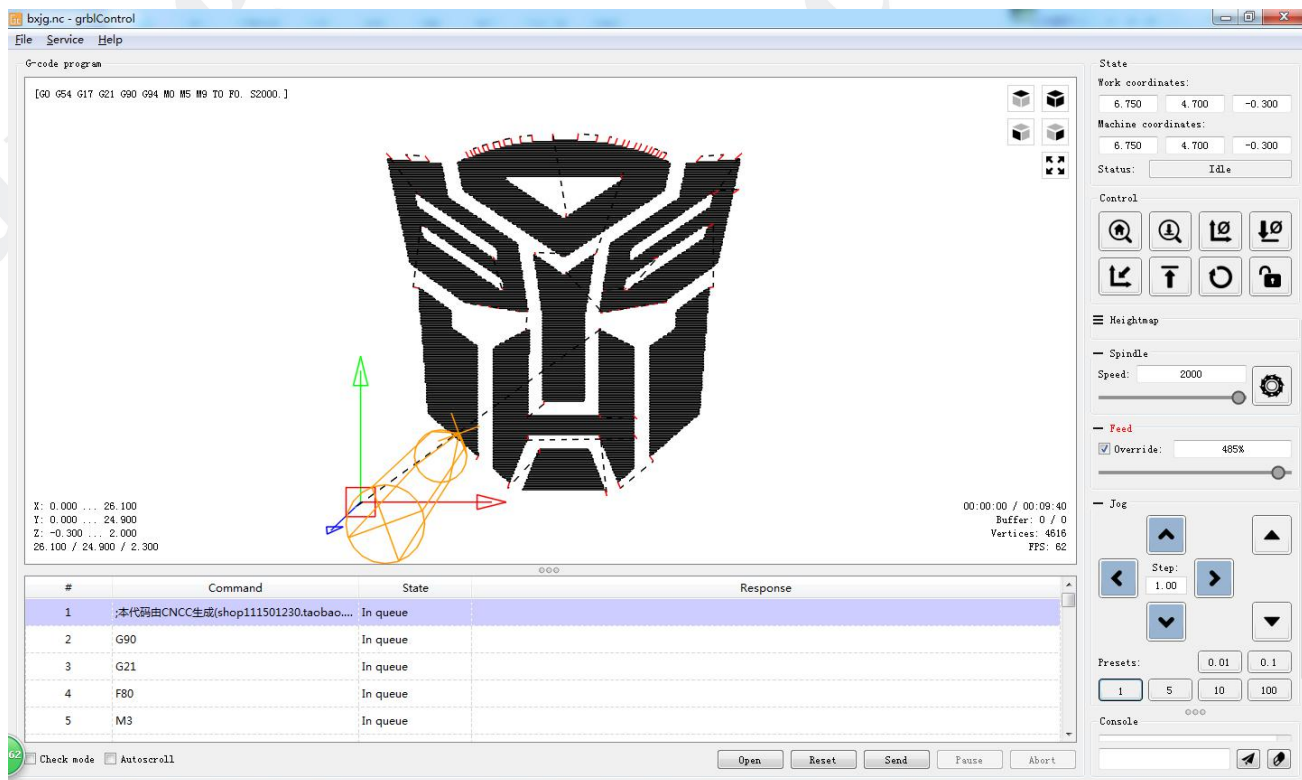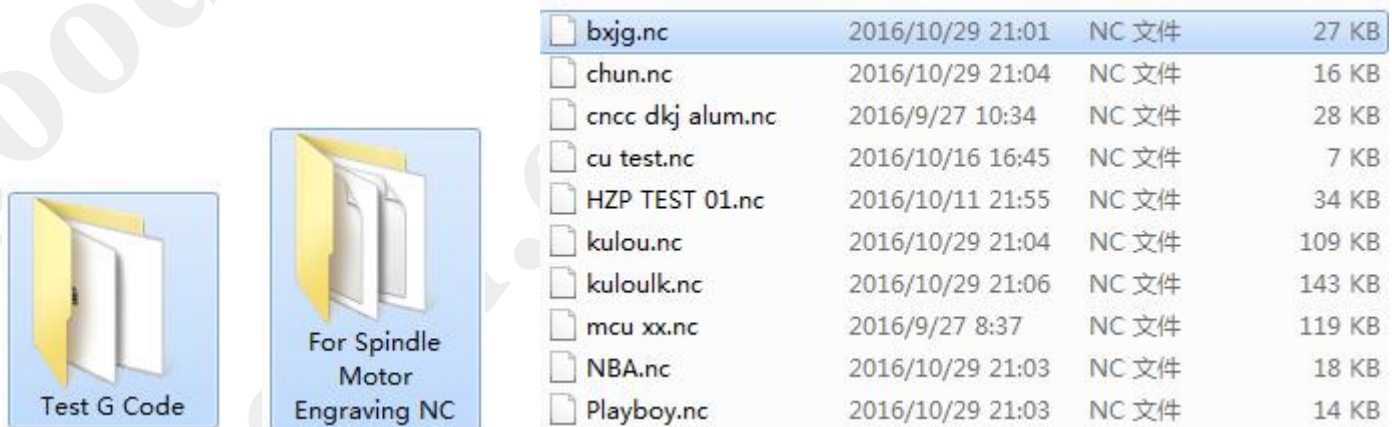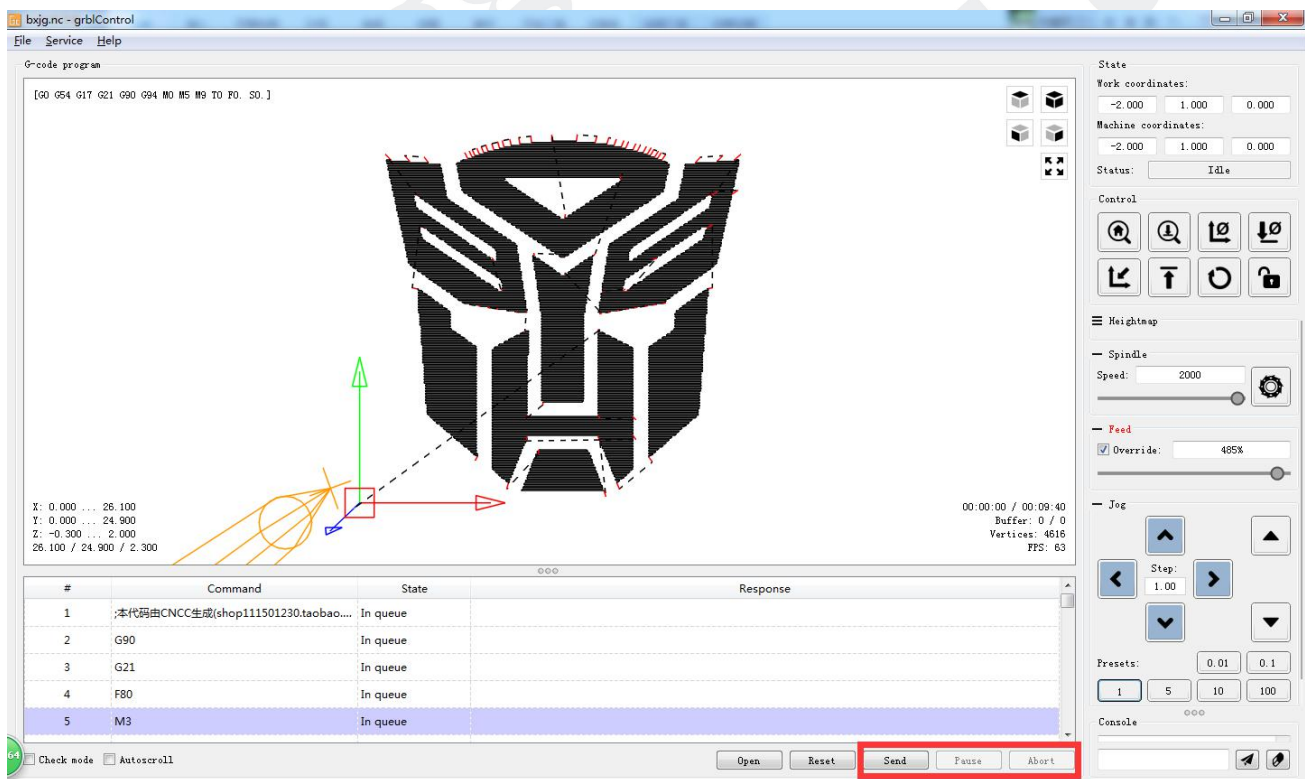
bxjg.nc	2016/10/29 21:01	NC 文件	27 KB
chun.nc	2016/10/29 21:04	NC 文件	16 KB
cncc dkj alum.nc	2016/9/27 10:34	NC 文件	28 KB
cu test.nc	2016/10/16 16:45	NC 文件	7 KB
HZP TEST 01.nc	2016/10/11 21:55	NC 文件	34 KB
kulou.nc	2016/10/29 21:04	NC 文件	109 KB
kuloulk.nc	2016/10/29 21:06	NC 文件	143 KB
mcu xx.nc	2016/9/27 8:37	NC 文件	119 KB
NBA.nc	2016/10/29 21:03	NC 文件	18 KB
Playboy.nc	2016/10/29 21:03	NC 文件	14 KB

6. The function of arrow on the right:
① Change the position of X and Y axis.
② Change the position of Z Axis
③ The distance moved by a single click
When changing z axis postion of the engraving bit, choose "5" firstly. When you see the sharp point of the bit touching the carved object nearly, choose "1" and then choose "0.1". Must be operated like this, because the closer the point get to the surface of carved object, the smaller the moving distance should be. Otherwise you may damage the engraving bit. It' the same way when changing x or y axis.
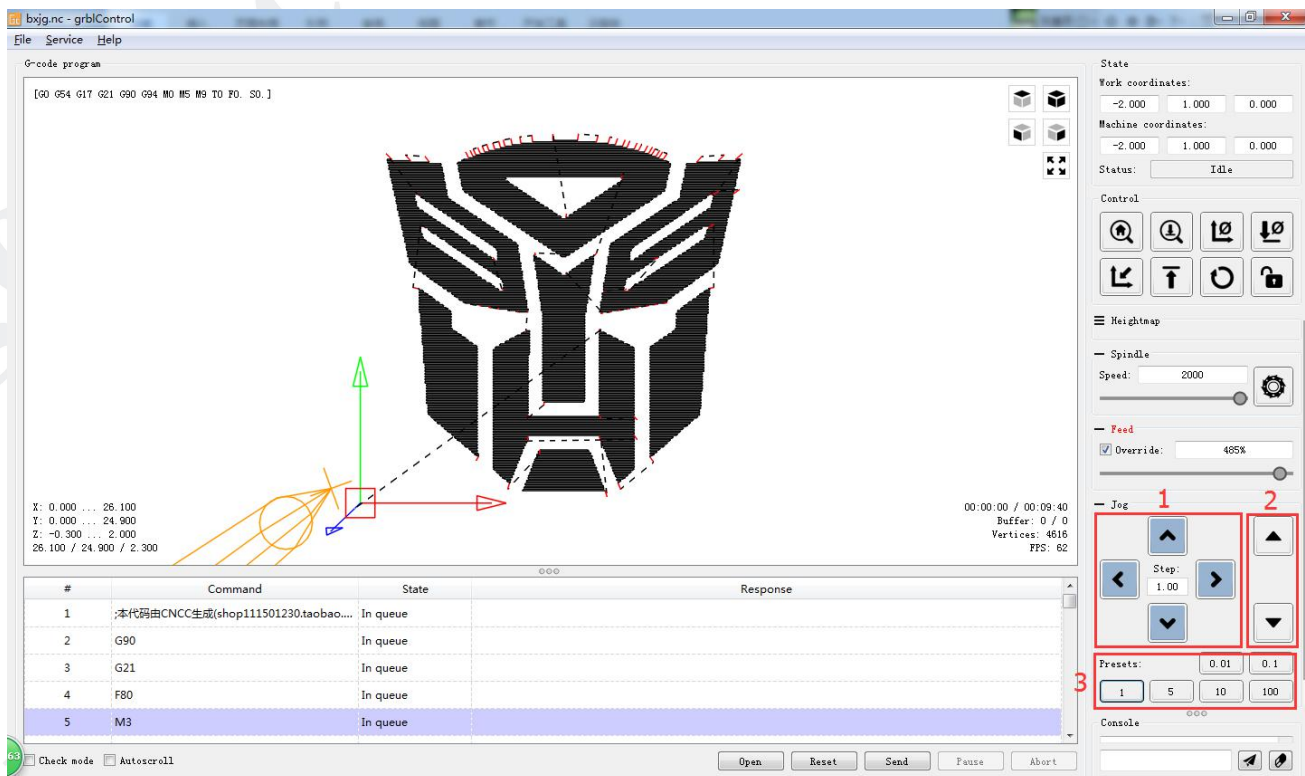
7. Send: Start Engraving. You will see the spindle motor start to moving and engraving.
Pause: Pause Engraving. Click once to pause, click again to continue.
Abort: Abort Engraving. After aborting, you need to send again.

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from Banggood.com