Dream-technology

Drawbot tutorial
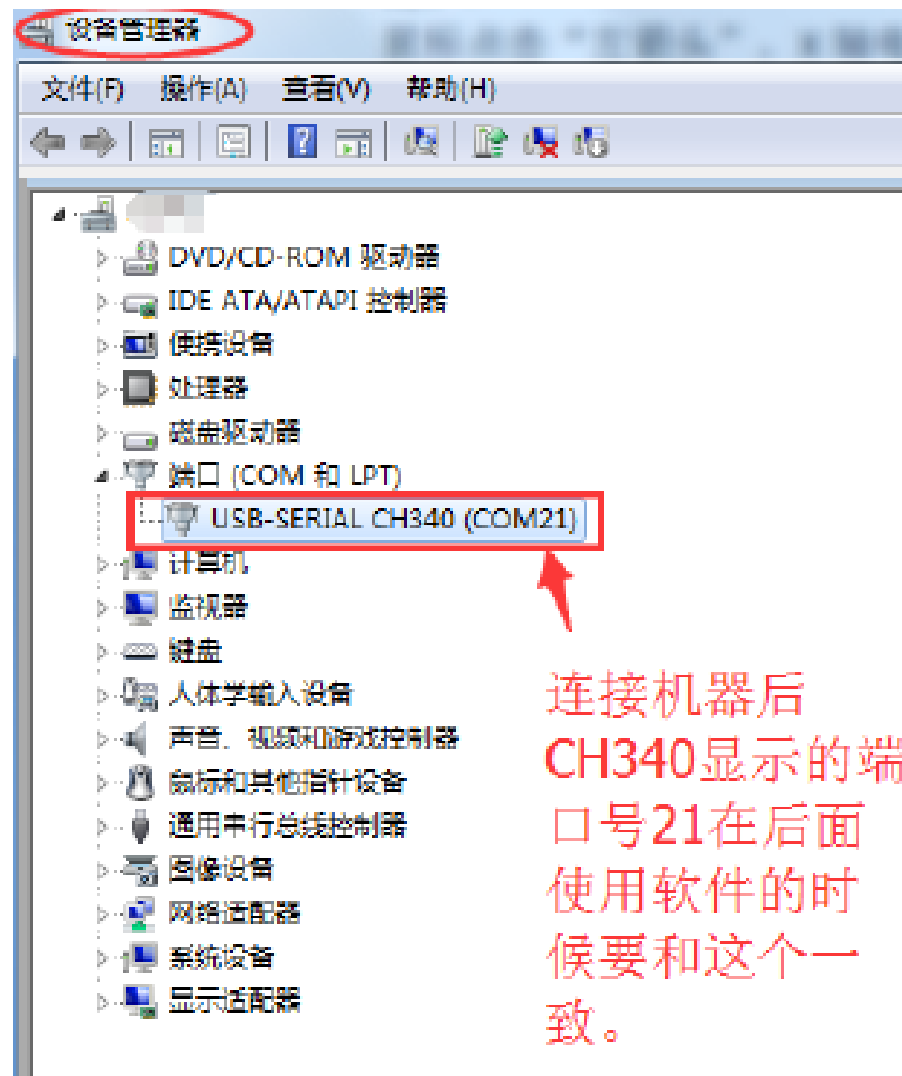
drawbot tutorial

Connect the control board to the computer USB and connect the power. Then open the computer "device manager" and check the device port number, as shown in the figure below.

连接机器后
CH340显示的端
口号21在后面
使用软件的时
候要和这个一
致。

　　梦创科技: https://shop65614635.taobao.com/

If the port is not shown below, the
serial driver is not installed successfully.
The CH340 driver needs to be installed.
The installation mode of the CH340
driver is shown in the right figure.

After the driver is installed successfully,
insert the USB again and then check the
CH340 port number in the device manager,
which is used in the software after the port
number.At this point, the machine
connects successfully to the computer.

win7驱动_32位.exe

win7驱动_64位.exe

win8驱动.EXE

XP驱动.exe

根据自己电脑系统类型
选择其中一个进行
CH340驱动的安装。

梦创科技: https://shop65614635.taobao.com/

drawbot tutorial

Select the corresponding port and control board model, and upload hex files with the baud rate of 115200

梦创科技: https://shop65614635.taobao.com/
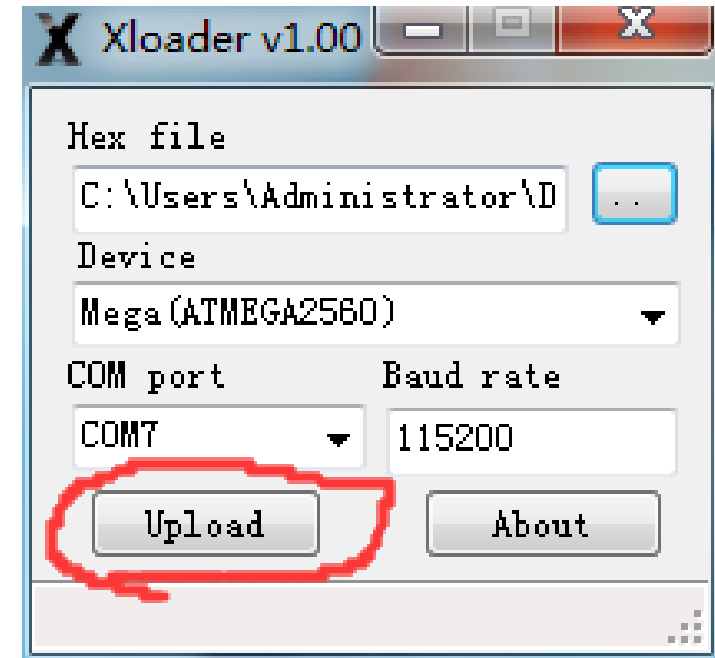
Open the proterface, select the corresponding port and 115200 baud rate, and then click the connection.

梦创科技: https://shop65614635.taobao.com/

drawbot tutorial
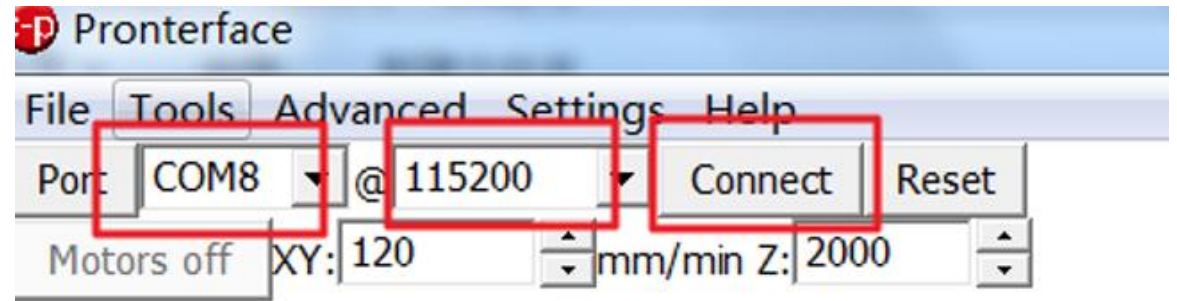
30/5000 The return value on the right side, as shown in the figure, indicates successful connection, and at the bottom is the command control window.
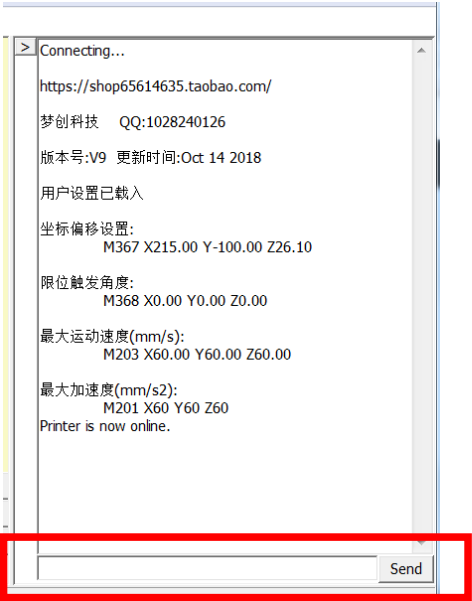
Click + to set the common command control button.

梦创科技: https://shop65614635.taobao.com/
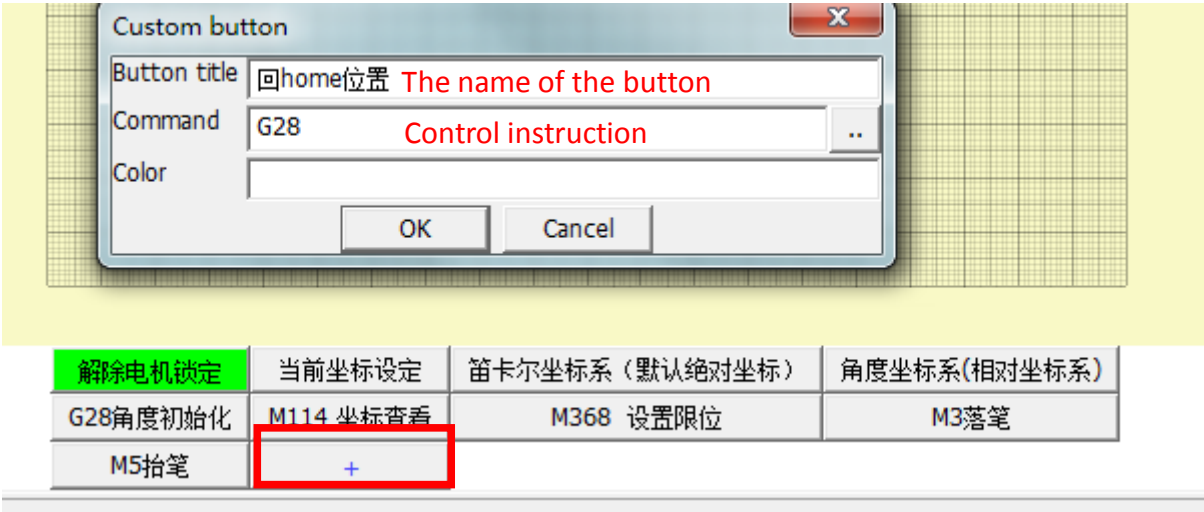
The first use requires sending M502 initialization.

```
M502                                    Send
```

You can use M201,M203,M4 to set corresponding parameters.
Use the G28 to return to the home before drawing

Note: the speed and acceleration passing through the assembly lead to heating of the drive module and loss of motor step

梦创科技: https://shop65614635.taobao.com/

Enter the speed in the direction of XYZ above, and manually move the arm by clicking the XYZ icon
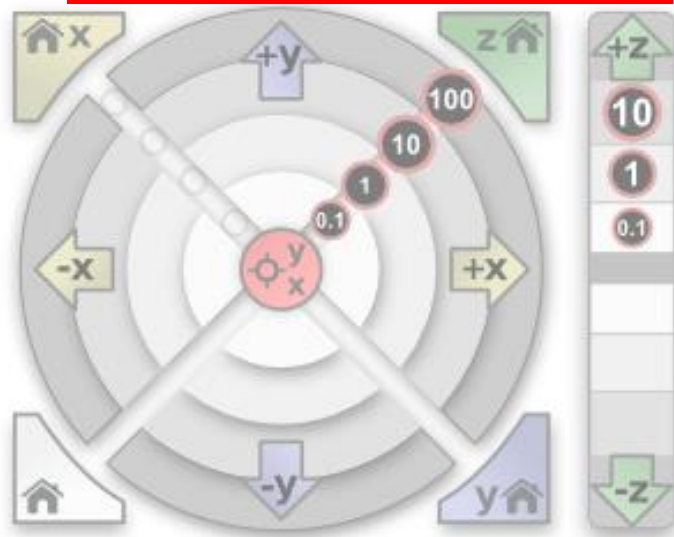
Send G1 X0 Y0 to move the arm to the origin in order to to determine drawing range

梦创科技: https://shop65614635.taobao.com/

Click Load File to Load Gcode File, and
then click Print to start painting.
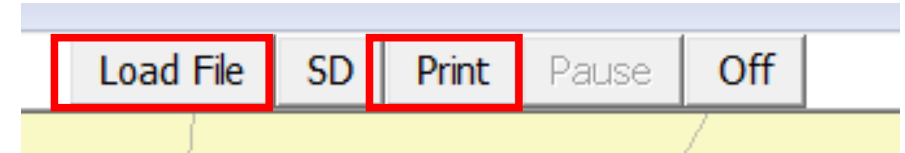
You can use laserGRBL inkscape to generate gcode,drawbot firmwire only support linear interpolation,G2 G3 is not useful, I will perfect it

梦创科技: https://shop65614635.taobao.com/