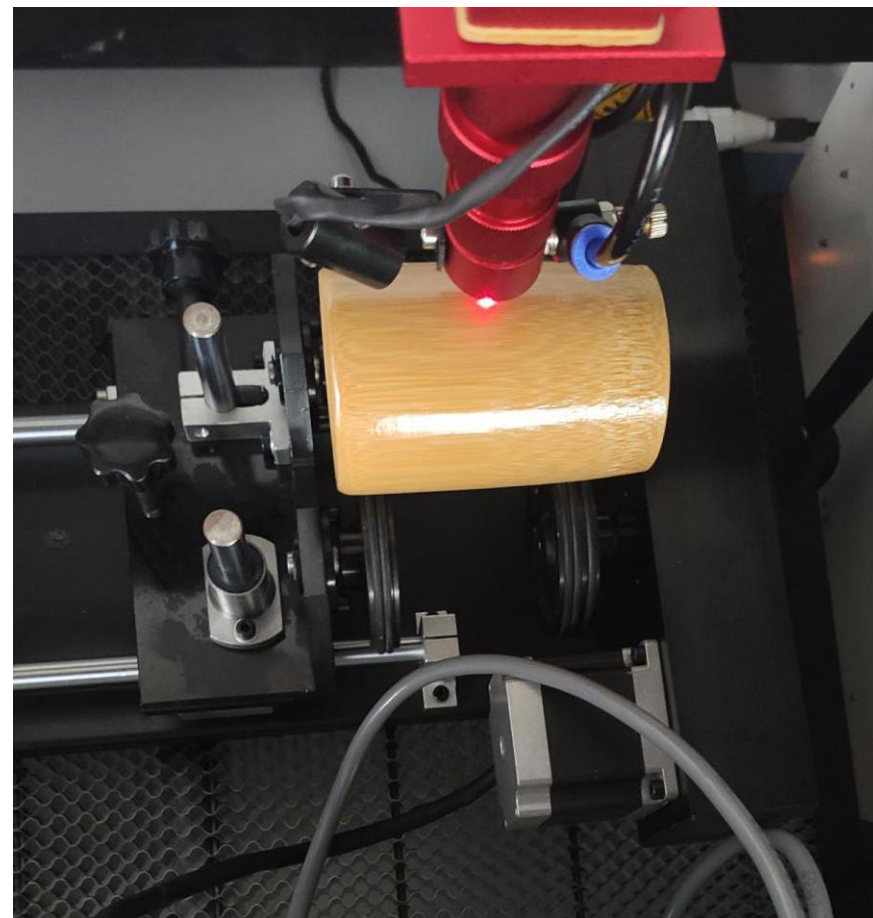
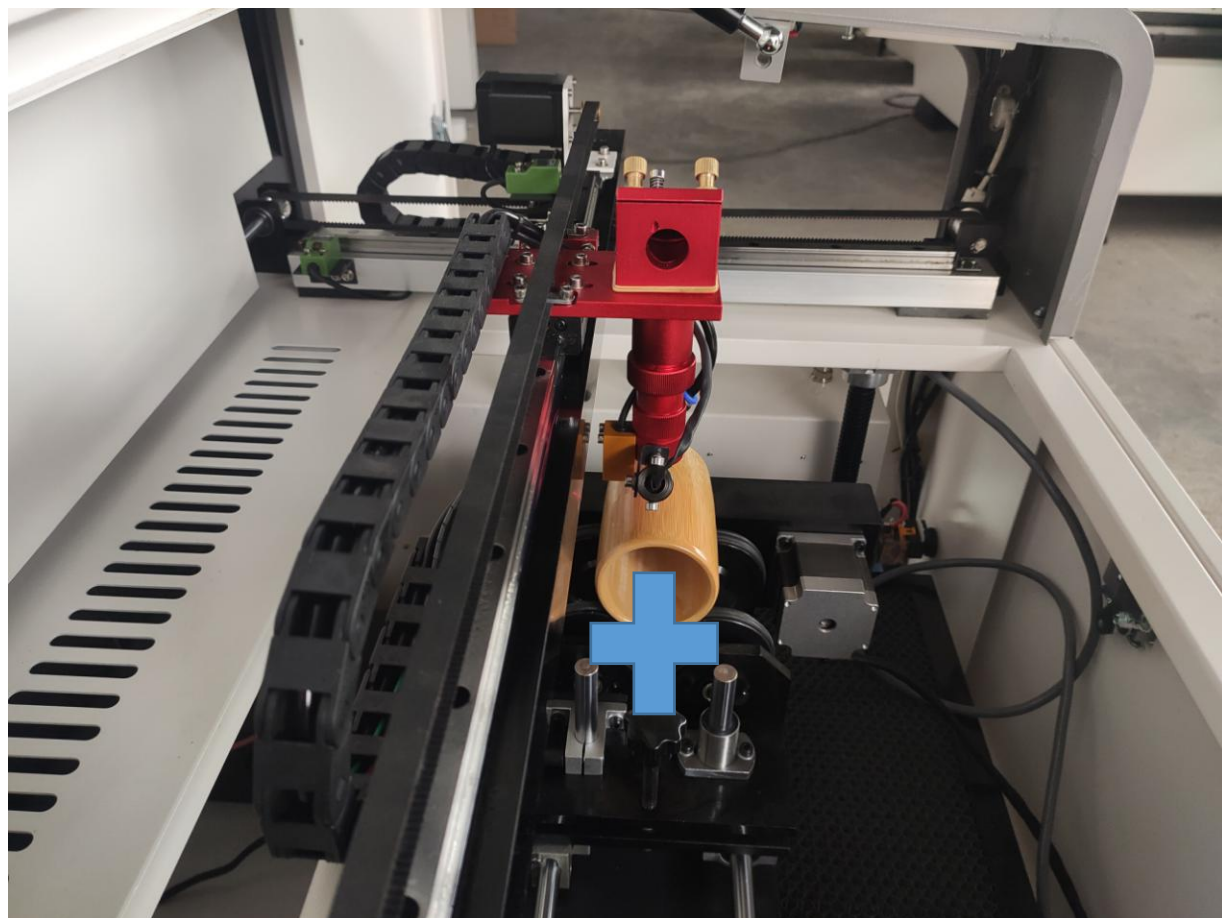


# Axis of rotation

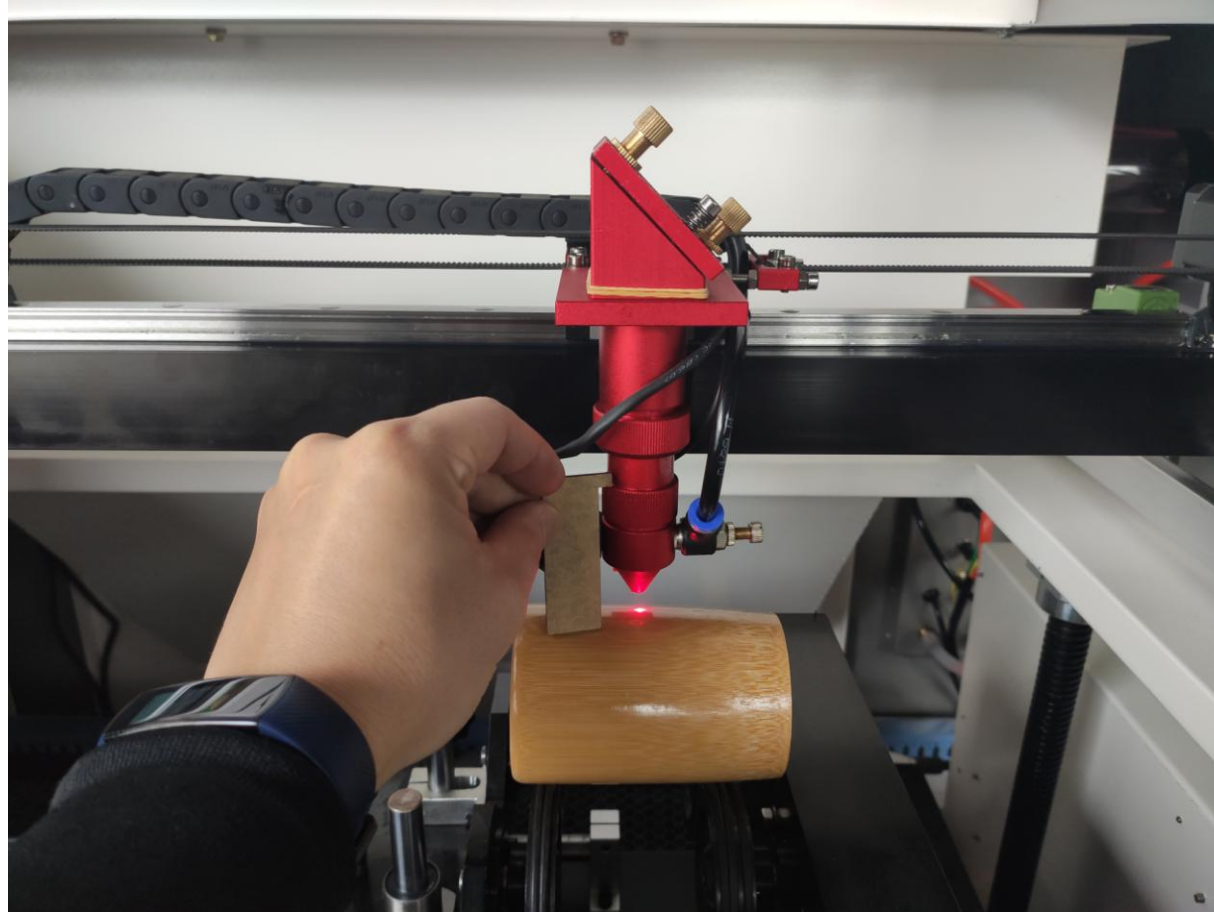
旋转轴

1. Adjust the axis of rotation so that the laser head is directly above the material (seen from the side)

1.调整旋转轴的位置，让激光头在材料正上方（从侧面看过去）

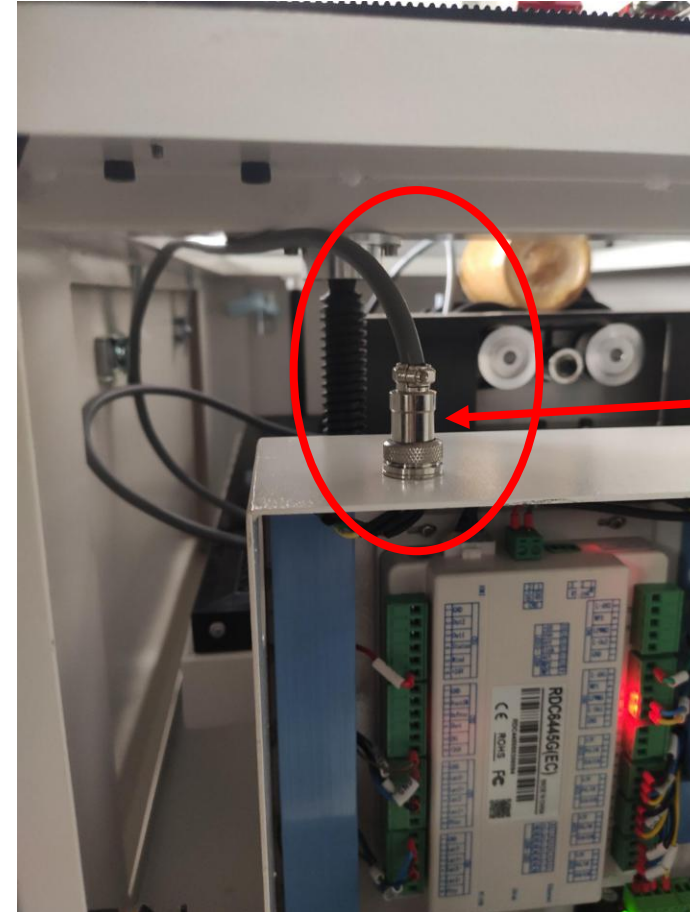
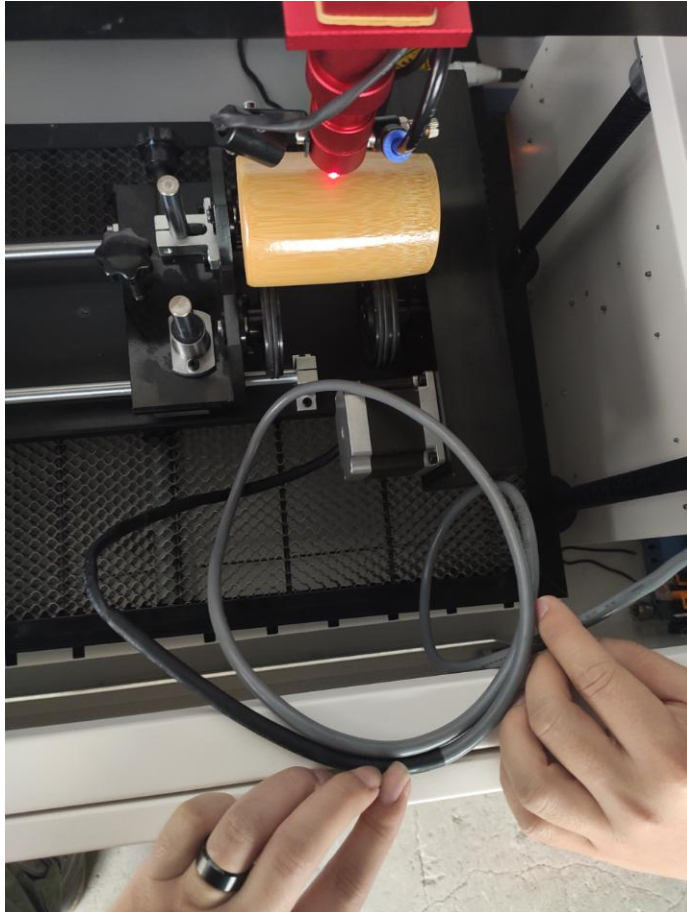


2. Adjust focus( use Z↑ and Z↓ on the Faceplate )  
2. 调整焦距



3. Connect the line of the rotating shaft to the interface on the distribution box

3. 将旋转轴的线接入配电箱上的接口



Rotary shaft  
motor interface  
(A axis)  
旋转轴电机接口



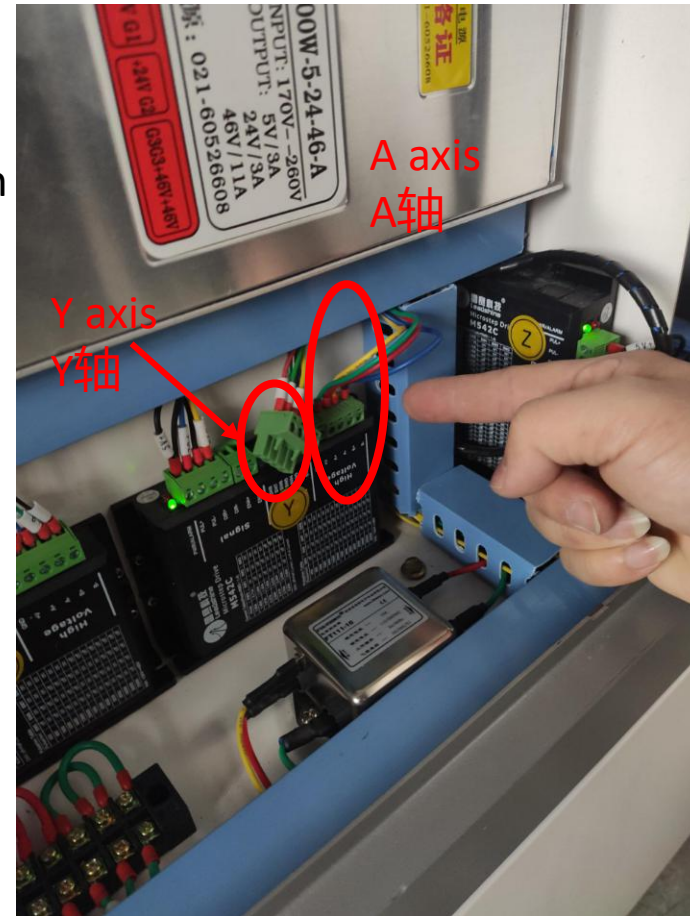
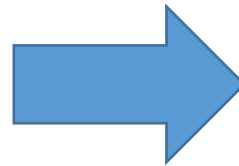
# 4.To switch the line of rotation axis to the drive of Y axis

## 4.将Y轴驱动器的线切换到旋转轴的



before

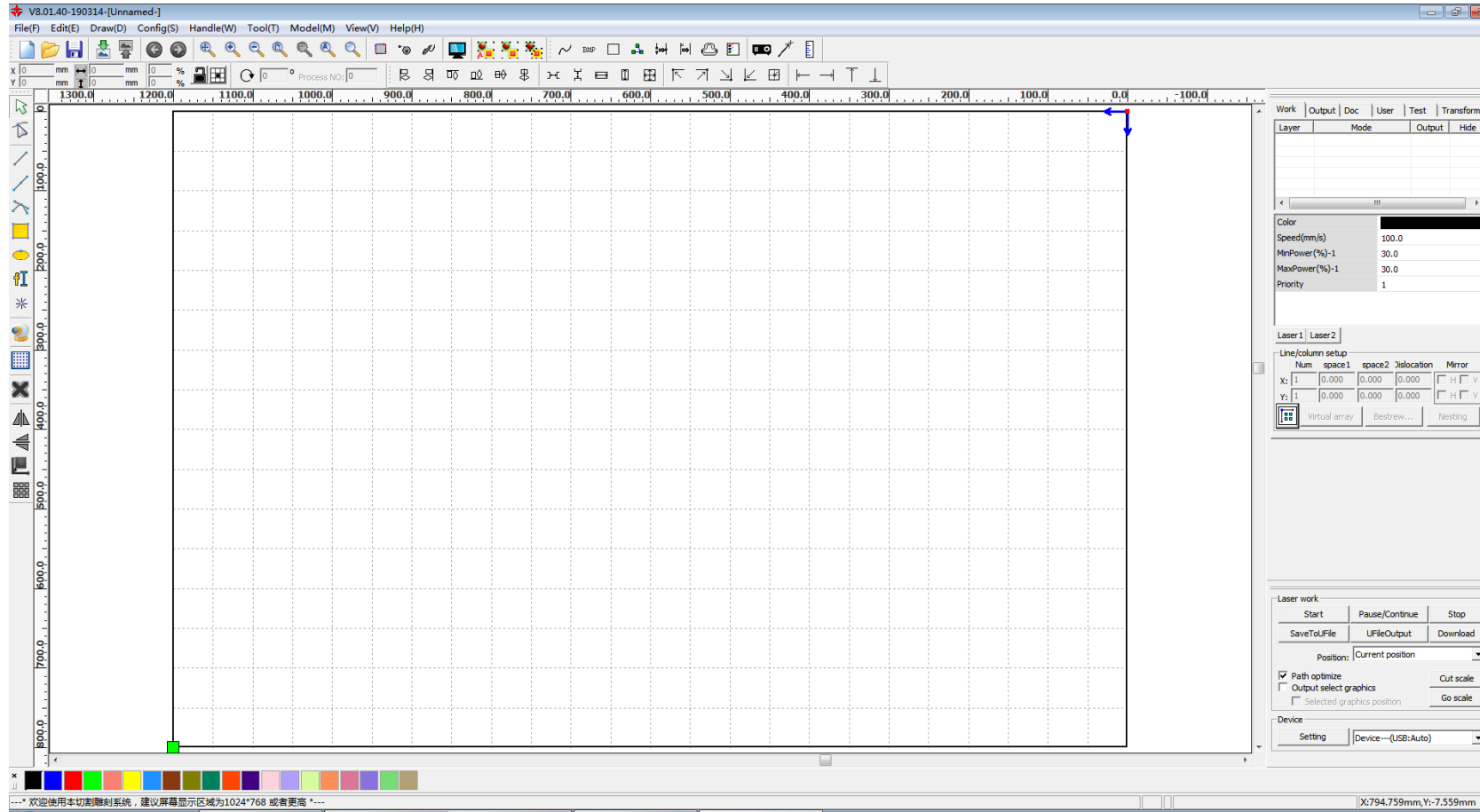
The y-axis  
doesn't move  
when you switch



after

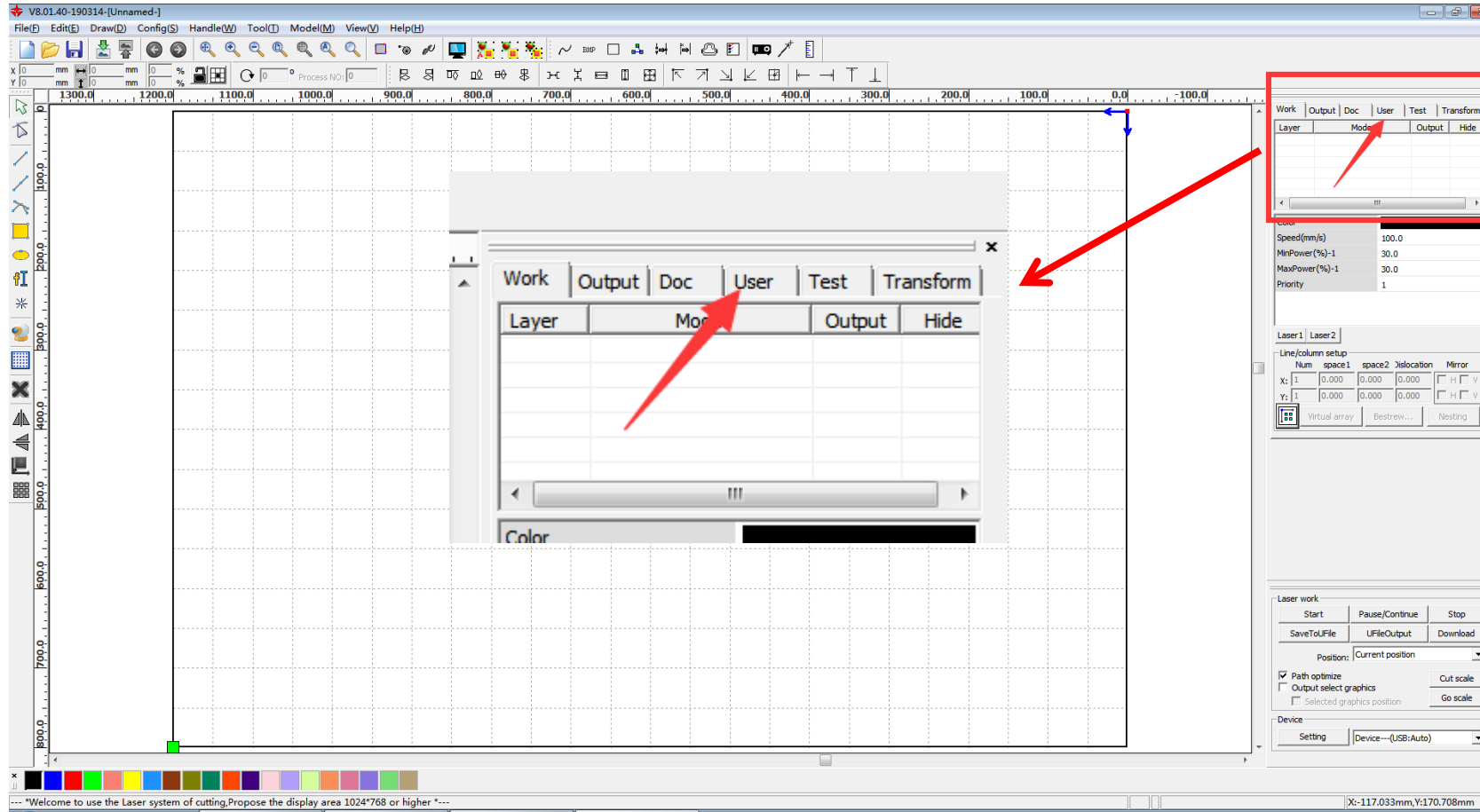
# 5. Open RDWorks

## 5. 打开RDWorks



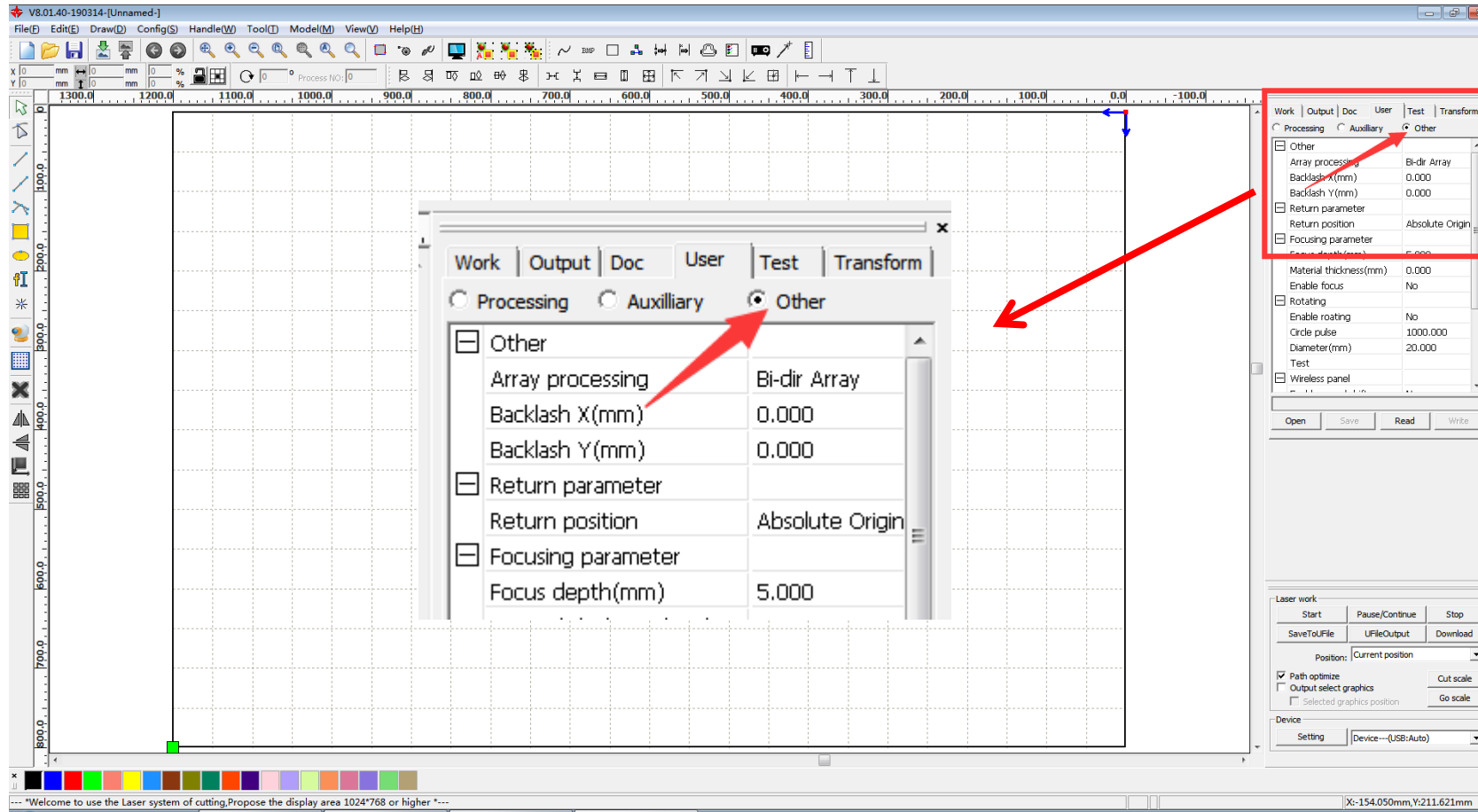
# 6.Click User

## 6.点击用户



# 7.Click Other

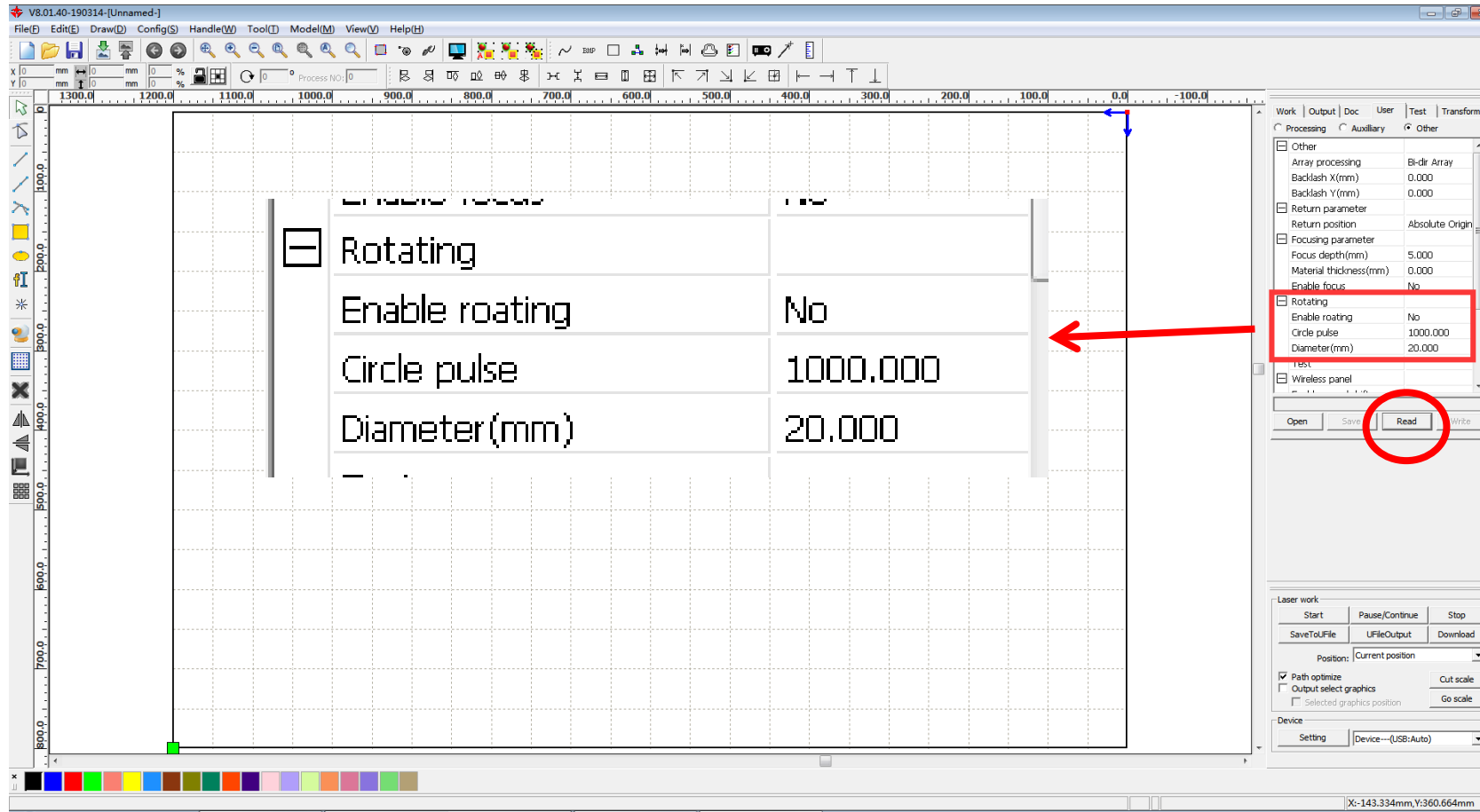
## 7.点击其他





8.Read, Open the axis of rotation and change the pulse and material diameter

8.打开旋转轴，更改脉冲和材料直径



Note: Remember to click "Read" and modify. 注意：记得点击“读取”，再修改。

# 9. After, Change value, write 9. 打开后, 更改数值, 写入

Roller type rotating shaft: 9600  
Chuck-type rotating shaft: 12800

Consult with a supplier  
咨询供应商获取

Open function  
开启功能

Rotating	
Enable roating	Yes
Circle pulse	9600
Diameter (mm)	68

Work | Output | Doc | User | Test | Transform

Processing Auxiliary Other

Other

- Array processing B-dir Array
- Backlash X(mm) 0.000
- Backlash Y(mm) 0.000

Return parameter

- Return position Absolute Origin

Focusing parameter

- Focus depth(mm) 5.000
- Material thickness(mm) 0.000
- Enable focus No

Rotating

- Enable rotating Yes
- Circle pulse 9600
- Diameter(mm) 68

Test

Wireless panel

Open Save Read Write

Laser work

Start Pause/Continue Stop

SaveToFile LFileOutput Download

Position Current position

Path optimize Output select graphics Cut scale

Selected graphics position Go scale

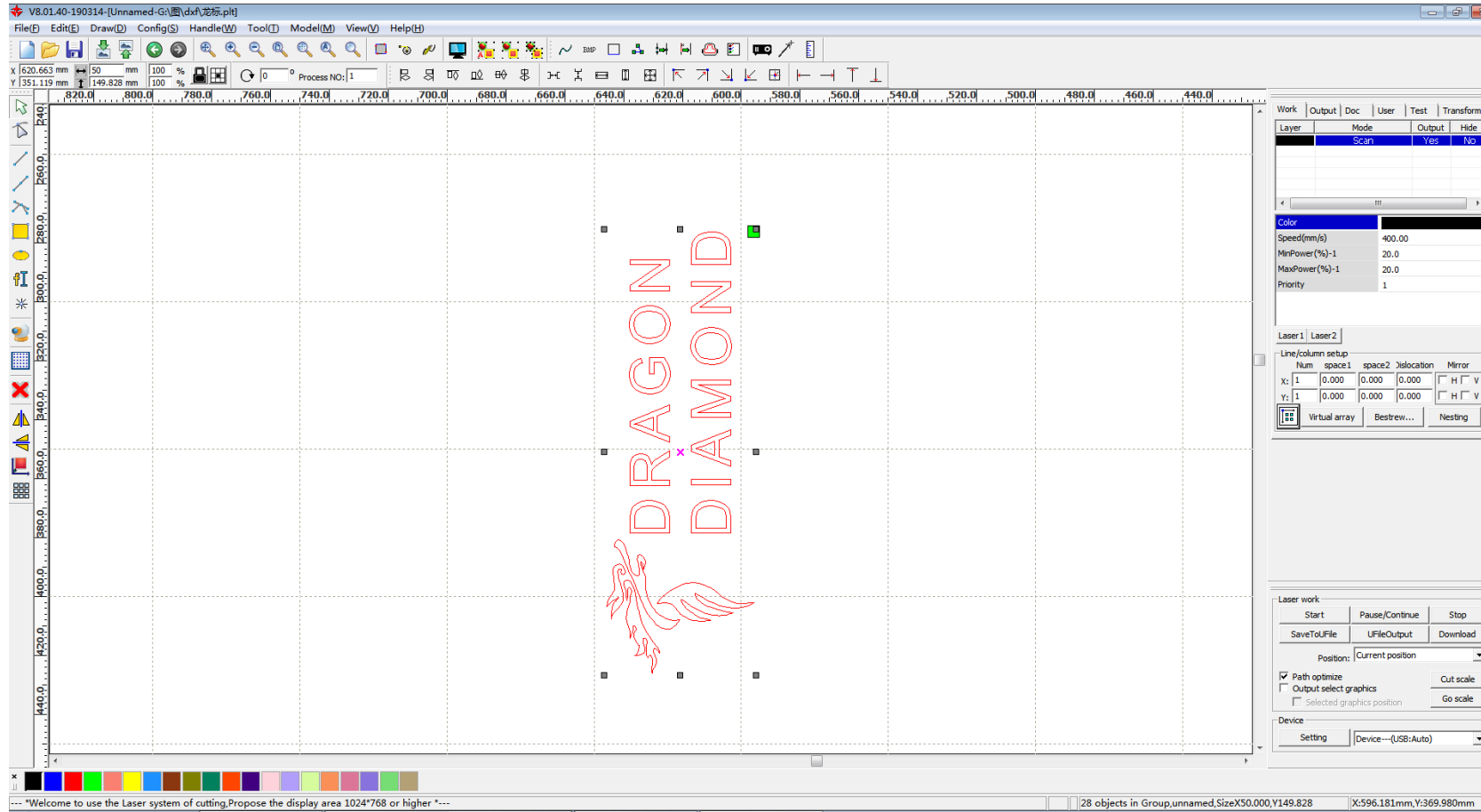
Device Setting Device---(USB:Auto)



直径: 68mm  
Diameter: 68mm

Note: Remember to modify, click "write". 注意: 记得修改完, 点击 "写入"。

10.Type in the pattern and you're ready to sculpt  
10.输入图案就可以雕刻了



Finished product  
完成品



# Notice

## 注意

Y axis  
Y轴



A axis  
A轴

- 1. When using the rotating shaft, pay attention to Y axis stroke, more than 400 mm after the rotation will stop.
- 1. 使用旋转轴时要注意Y轴行程，超过400mm后会停止转动。
- 2. After using the rotation axis, change the software rotation axis to NO.
- 2. 使用完旋转轴要将软件的旋转轴改成NO.
- 3. After using the rotation axis, switch the line driven by the y-axis back.
- 3. 使用完旋转轴要将Y轴驱动线的线切换回来。
- 4. Restart the system and check whether the laser head returns to the origin.
- 4. 重启系统，检查激光头是否回归到原点。

