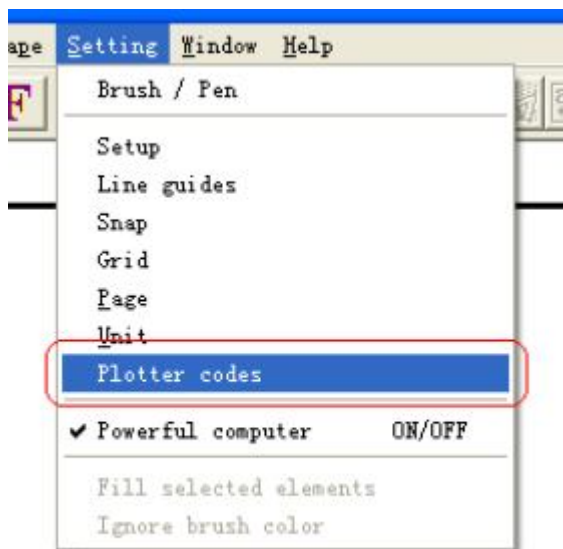


User Manual for Redsail Red dot Cutting Plotter under WinPCSIGN

Weclome to use Redsail Cutting Plotter.

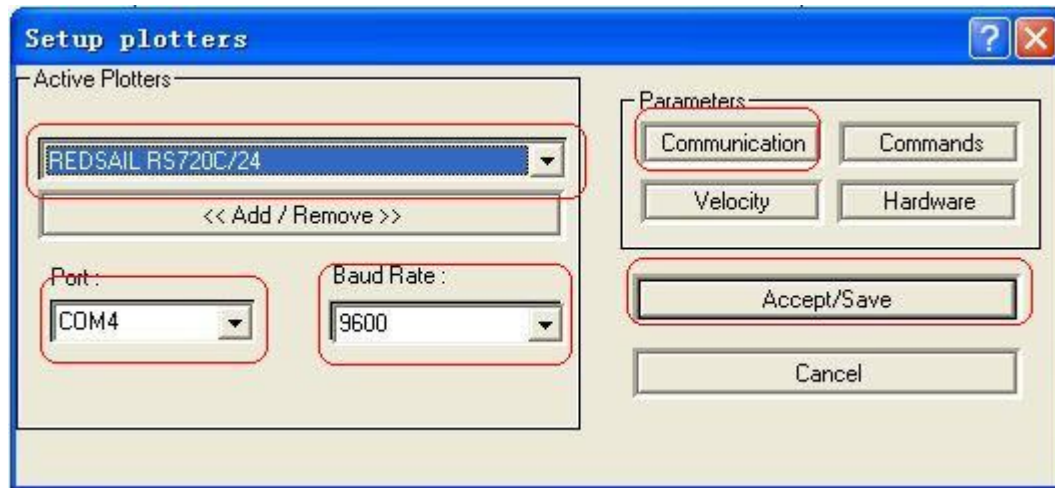
- 一、 Connect PC with cutting plotter correctly, set outputting data correctly, add positioning sign, and print.
1. Connect PC with cutting plotter using USB(or 232) cable.
 2. Inserting WinPCSIGN software dog in USB port and open WinPCSIGN software.
 3. Import WinPCSIGN file, and set outputting data.

A Click ; Plotter codes; under ; Setting; .



Picture1

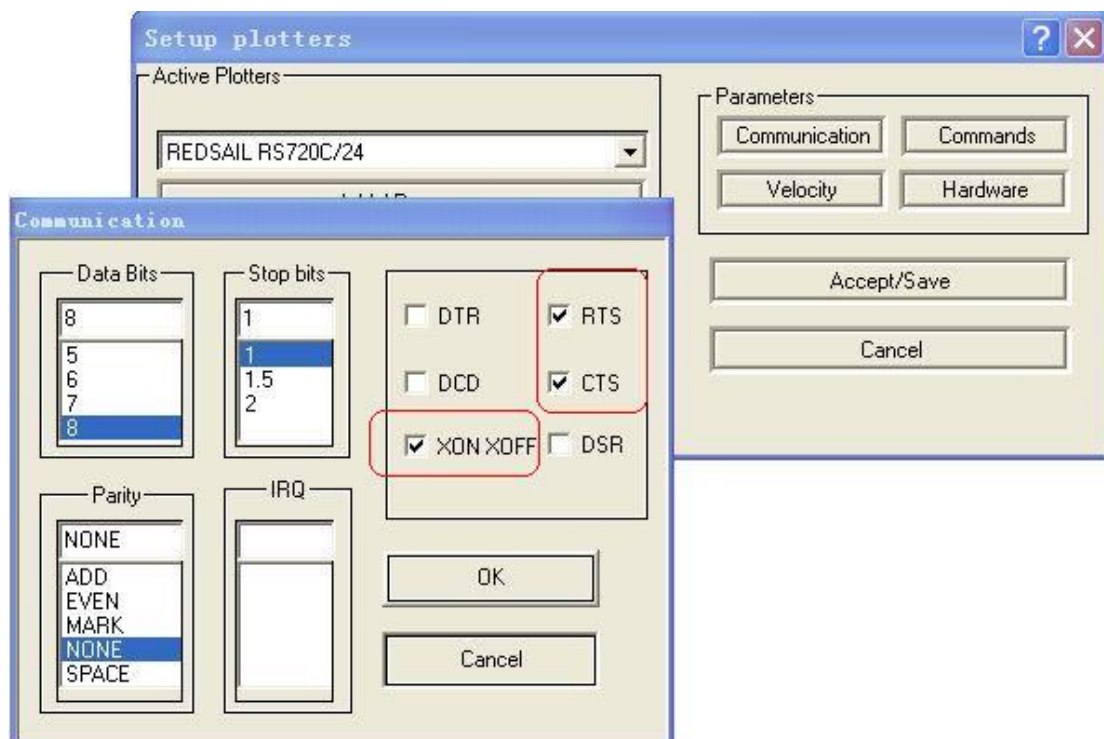
B Set below items correctly



Picture2

Attention: the choice of PORT must correspond with port in compute Device Manager.

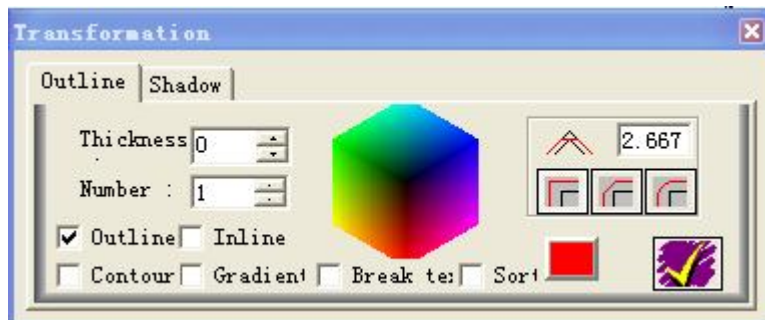
C Click ; Communicaton; button in Picture2, set as Picture 3.



Picture3

1. Edit file and add positioning point.

A. After editing, need add cutting contour for cutting object, use Tool/Outline for letter and logo, as Picture4, set Outline item, produce contour effect, as Picture5. Use ; Bitmap outline; to add contour line for pictures, as Picture6 and Picture7, effect as Picture8.



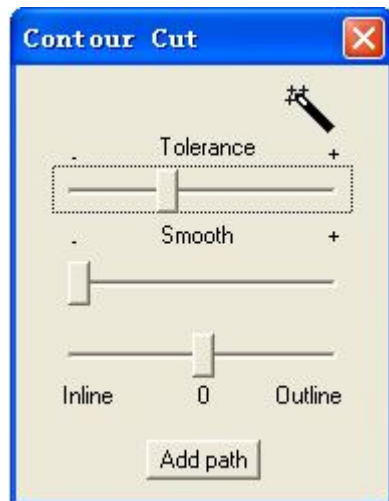
Picture4

REDSAIL

Picture5



Picture6

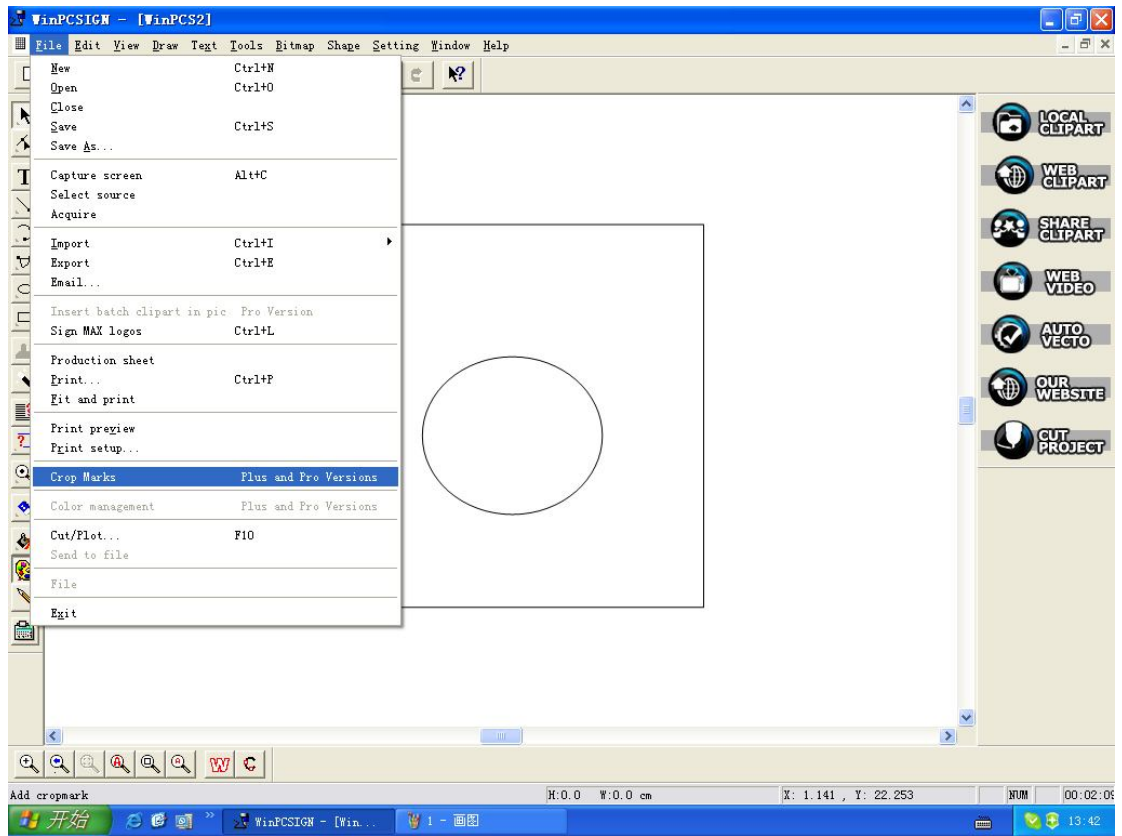


Picture7

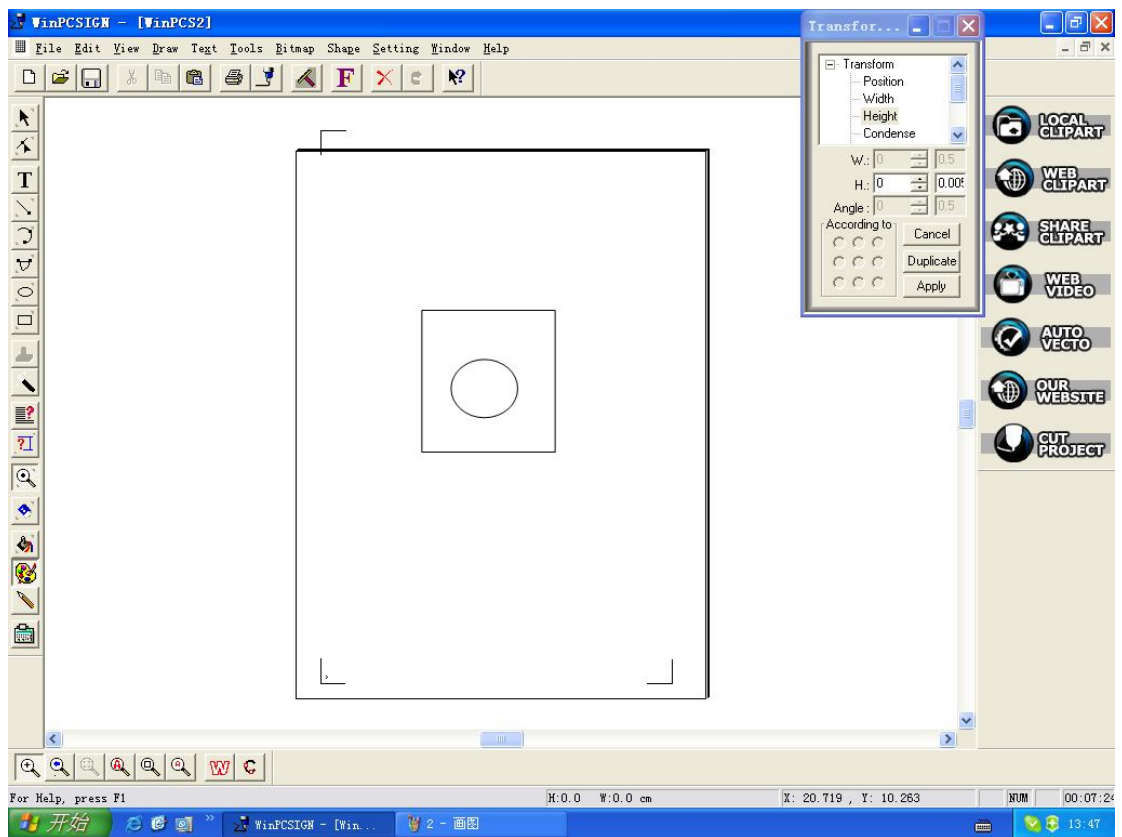


Picture8

B.Use file/Crop Marks to add positioning point for file, as Picture9, Picture10.

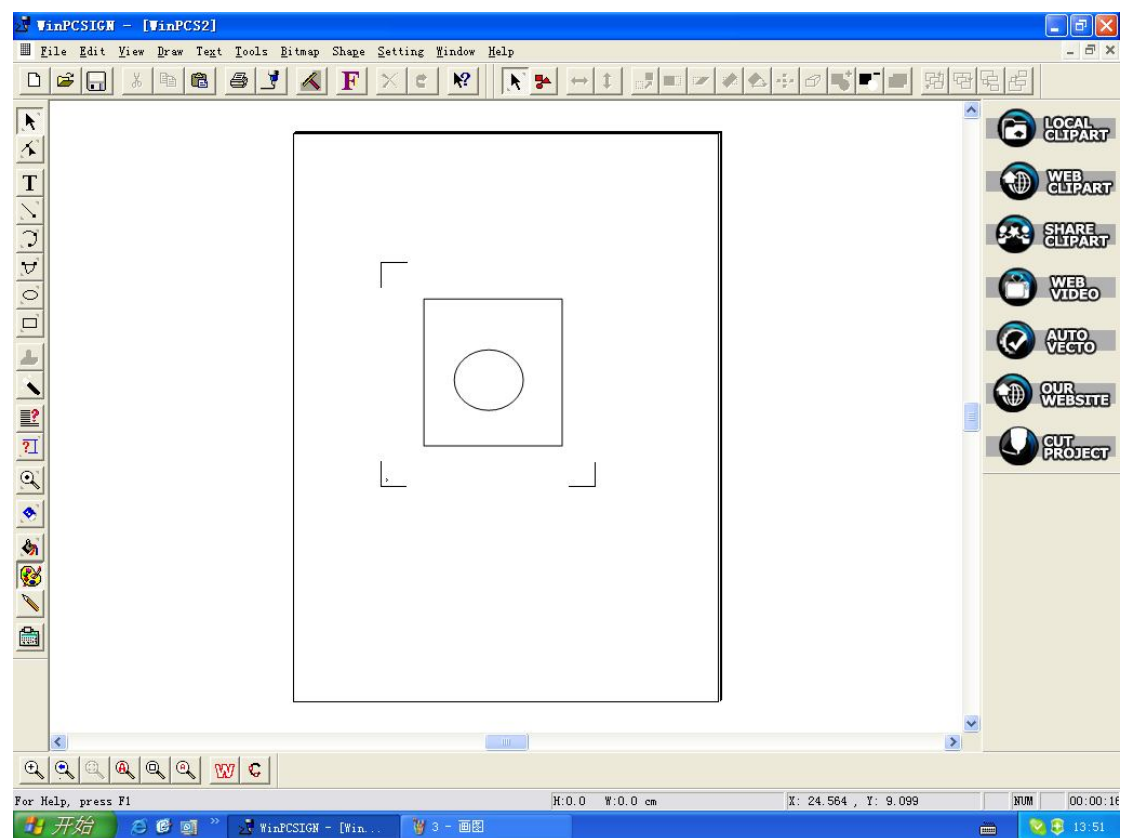


Picture9

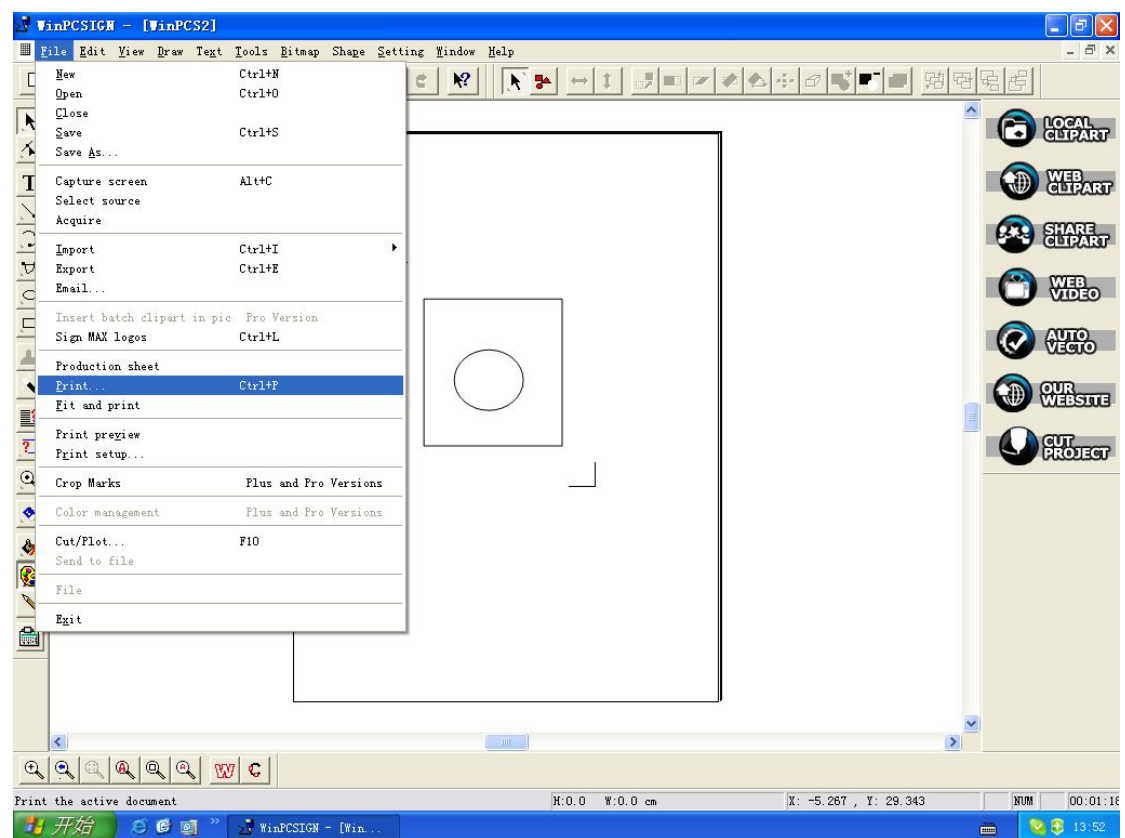


Picture10

2. Adjust positioning point and print file, as Picture11, Picture12.



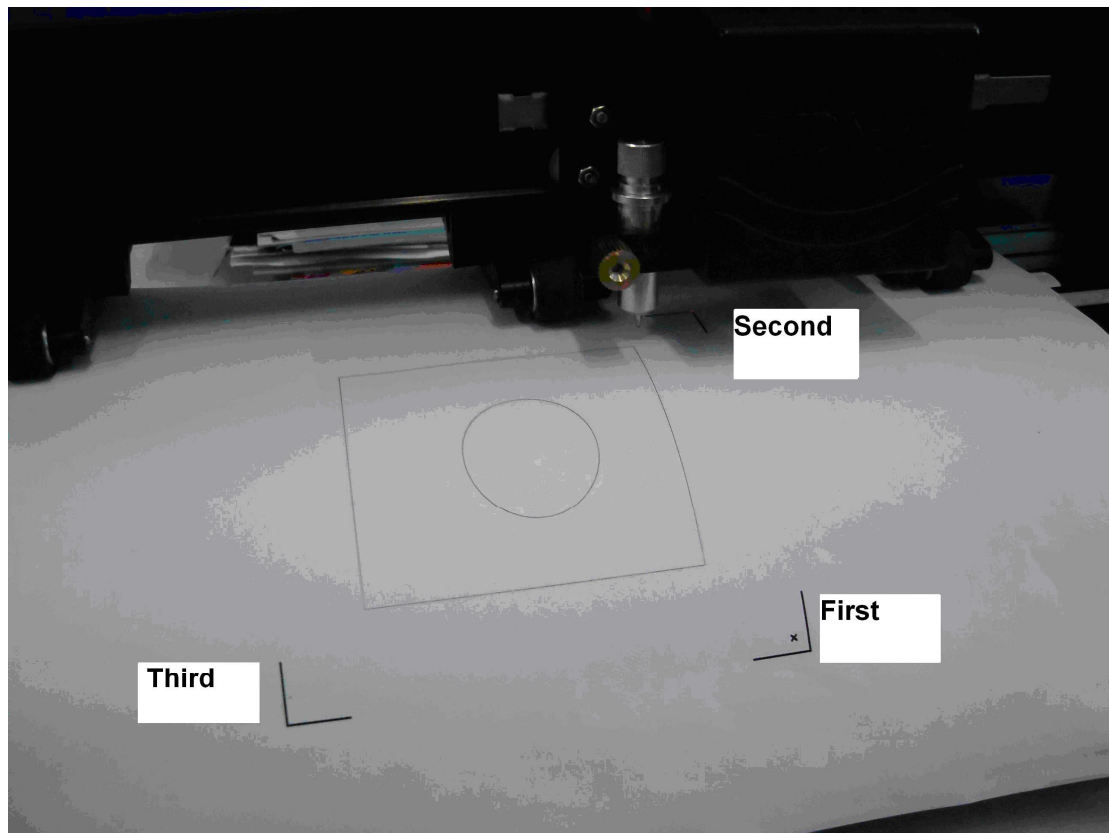
Picture11



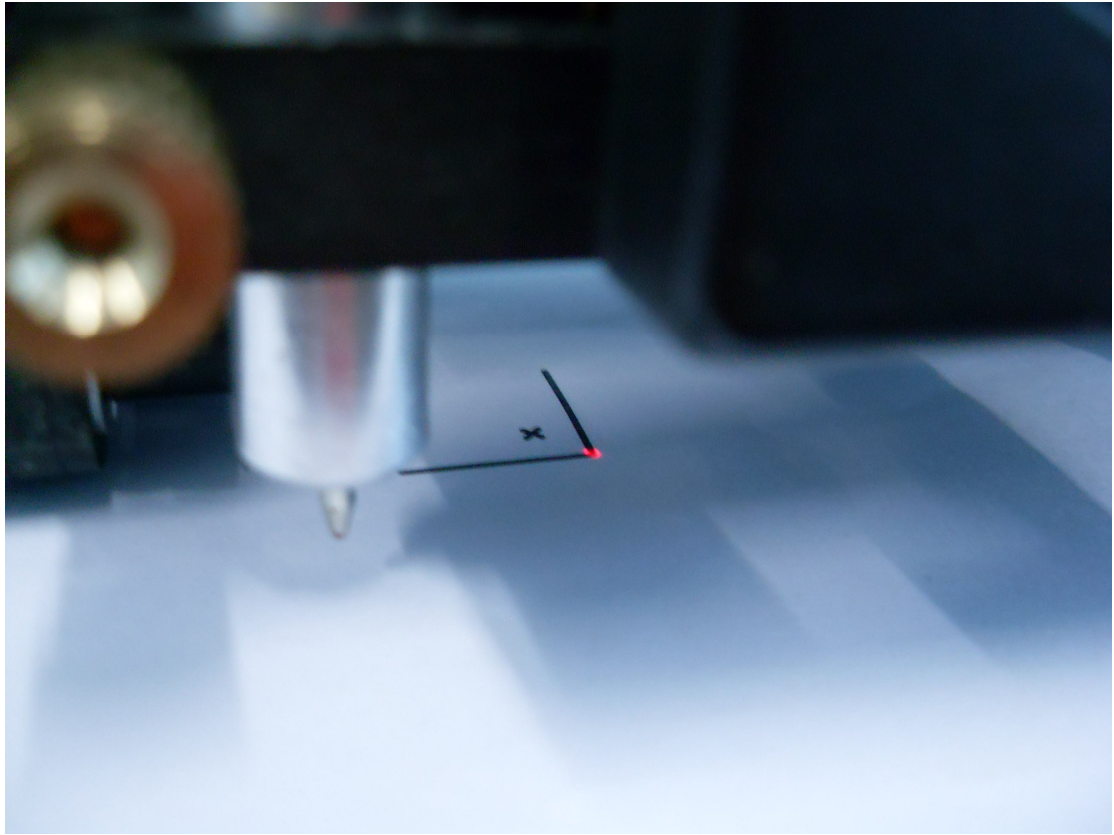
Picture12

二、 Put paper well.

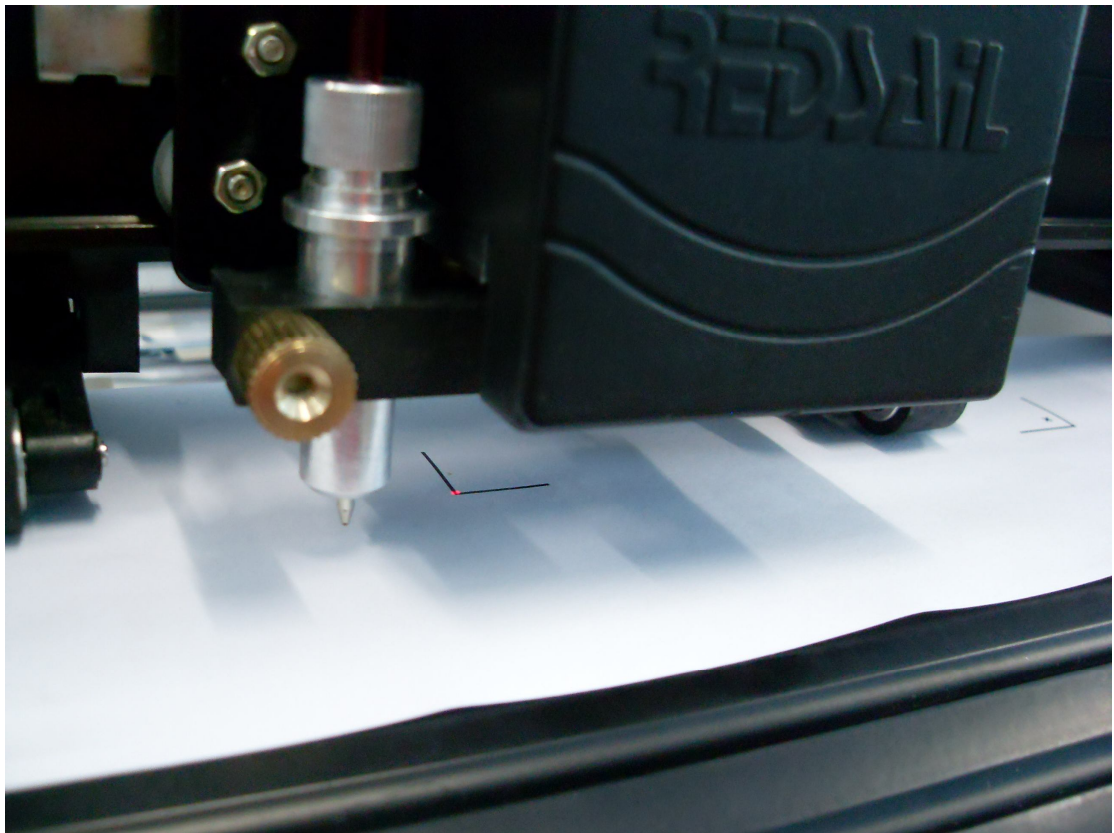
1. Put paper on the machine(**pay attention to the direction of paper**) , open Red dot indicator light, adjust the position of paper, let Red dot indicator light and first point coincide, then compress pinch roller, as Picture13, Picture14.
2. Adjust offline mode, let carriage aside third point, open pinch roller, adjust third position, let it and Red dot coincide, as Picture15.
3. Repeat 1 and 2 till Red dot can coincide with the first and the third point when move carriage. (Now, X,Y direction axis of file basicly align with X,Y direction axis of cutting plotter)



Picture13



Picture14



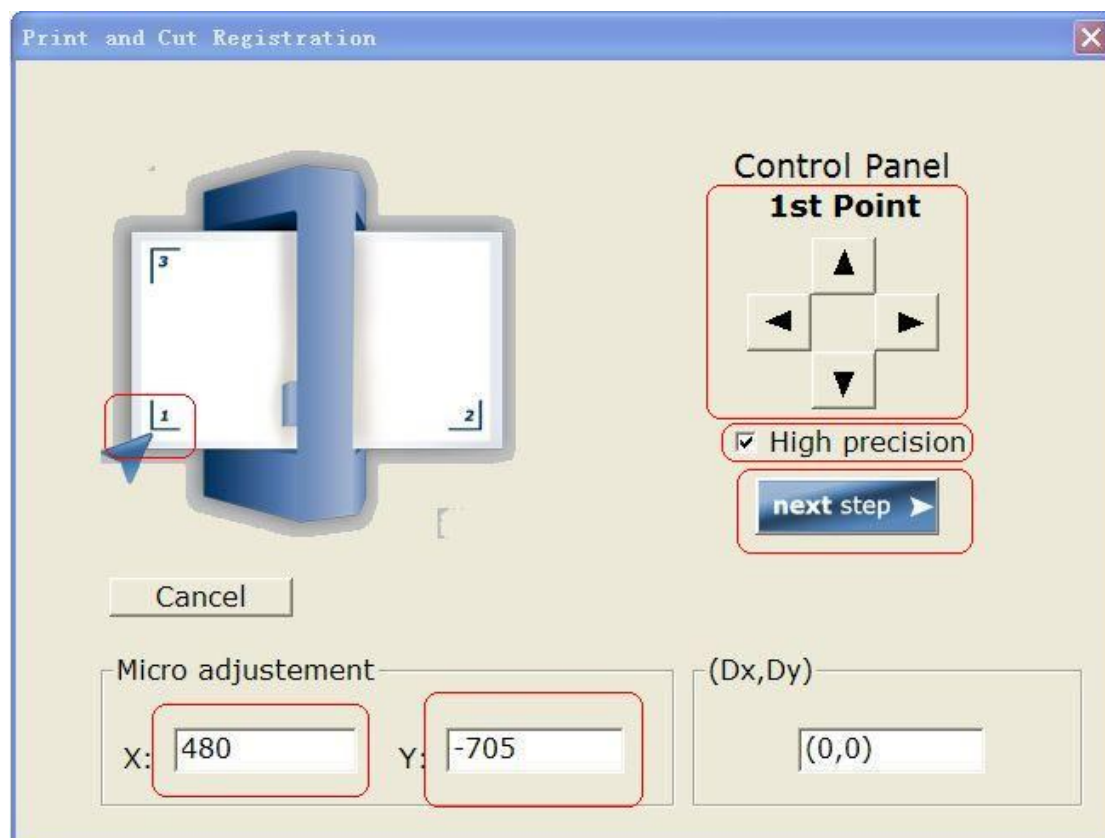
Picture15

三、 Adjust offset.(Only need adjust in the first time)

Because blade and Red dot indicator light have mechanical offset, and every machine's offset has a little difference. We have an experience value: X:480, Y:-705. As Picture16, Picture17.



Picture16



Picture17

1. Add our experience value in ;Micro adjustment;, then click ;High precision; .
2. Adjust to offline mode, move Red dot to the first point aside, then change online mode, adjust four direction arrows in ; Control Panel; , let Red dot and

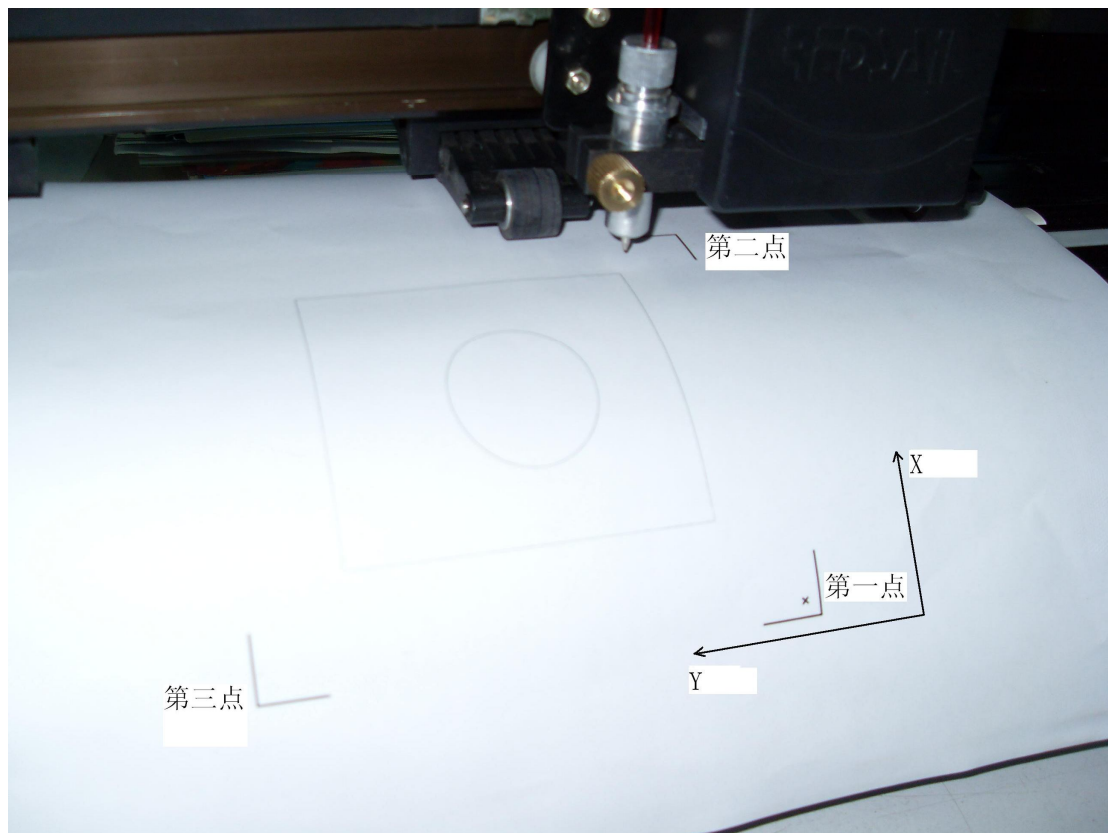
the first point coincide.

3. Then click ; next step; , Red dot will move to the second point automatically, then adjust arrows, let Red dot and the second point coincide, the same way to adjust the third point, then click next step. It has below interface.



Picture18

4. Click ; Start; to cutting, as Picture18.
5. After cutting, compare path with wanted path, check offset. **Measure the offset value of X and Y direction using ruler, then increase or decrease offset value(you can adjust 40 in the software if offset 1mm) (coordinate direction refer to Picture19)**



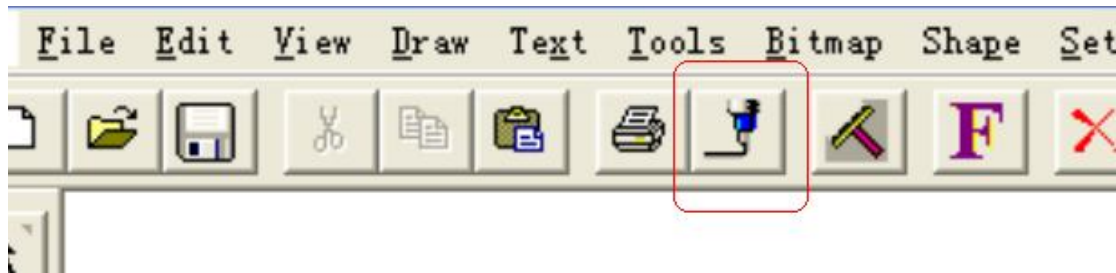
Picture19

6. Repeat 1-5 till the path can coincide. Write down offset, you can use these

offset value later.

四、 Adjust positioning point and cutting.

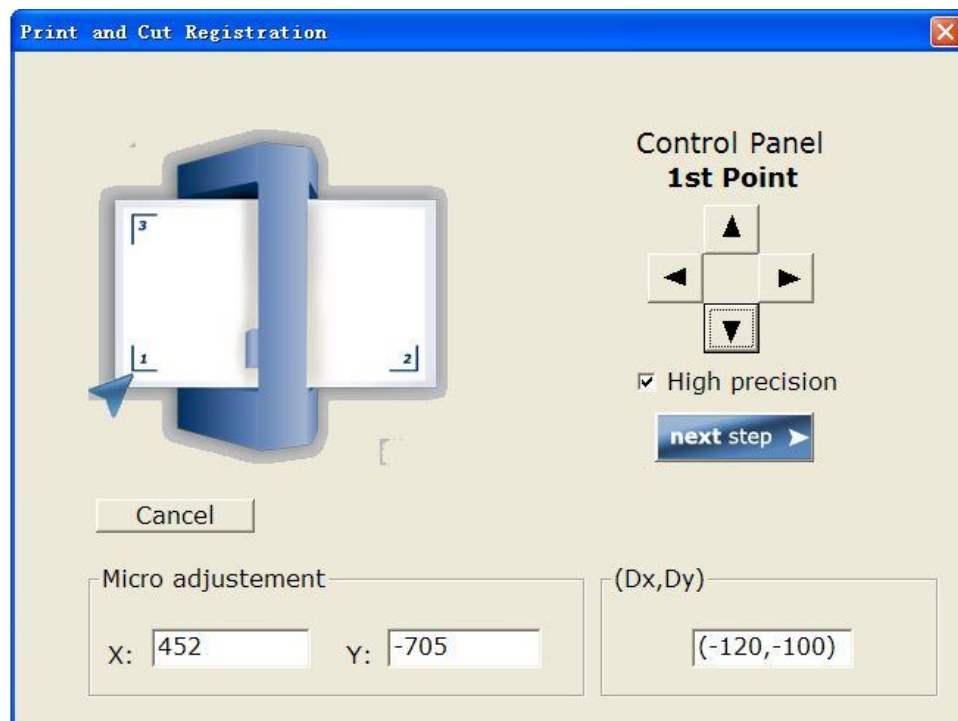
1. After adjusting offset, then you can cut, click ; Cutting Panel; as Picture20, will show panel as Picture21, click ; register; .



Picture20



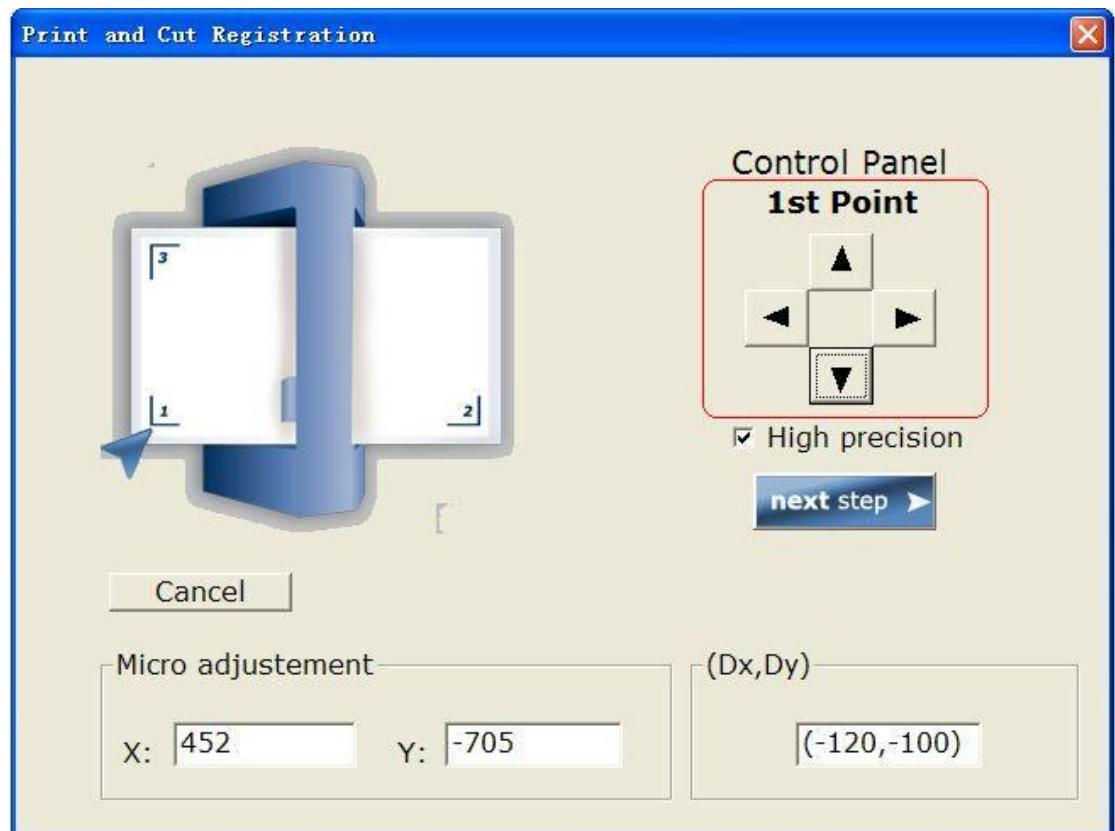
Picture21



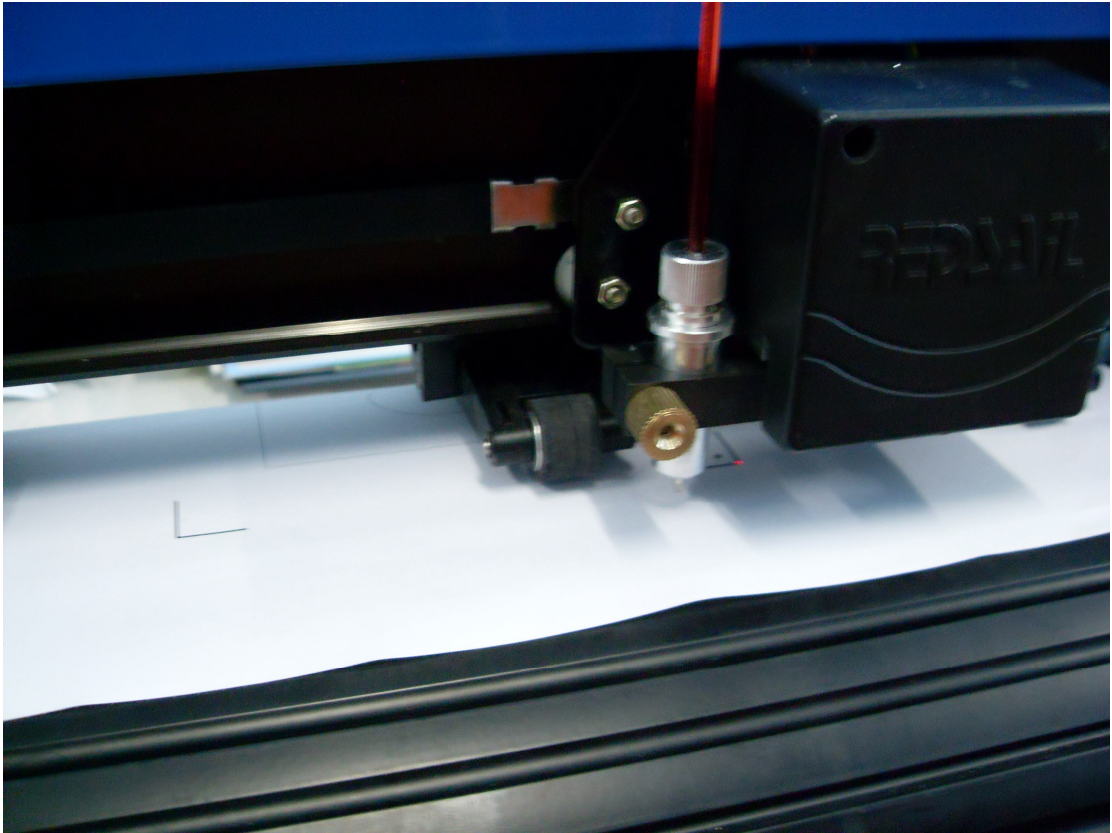
Picture22

2. Amend X and Y in Micro adjustment in Picture22. Then close this window, click ; register; again, this step is for saving offset value, open and check offset value whether you want.

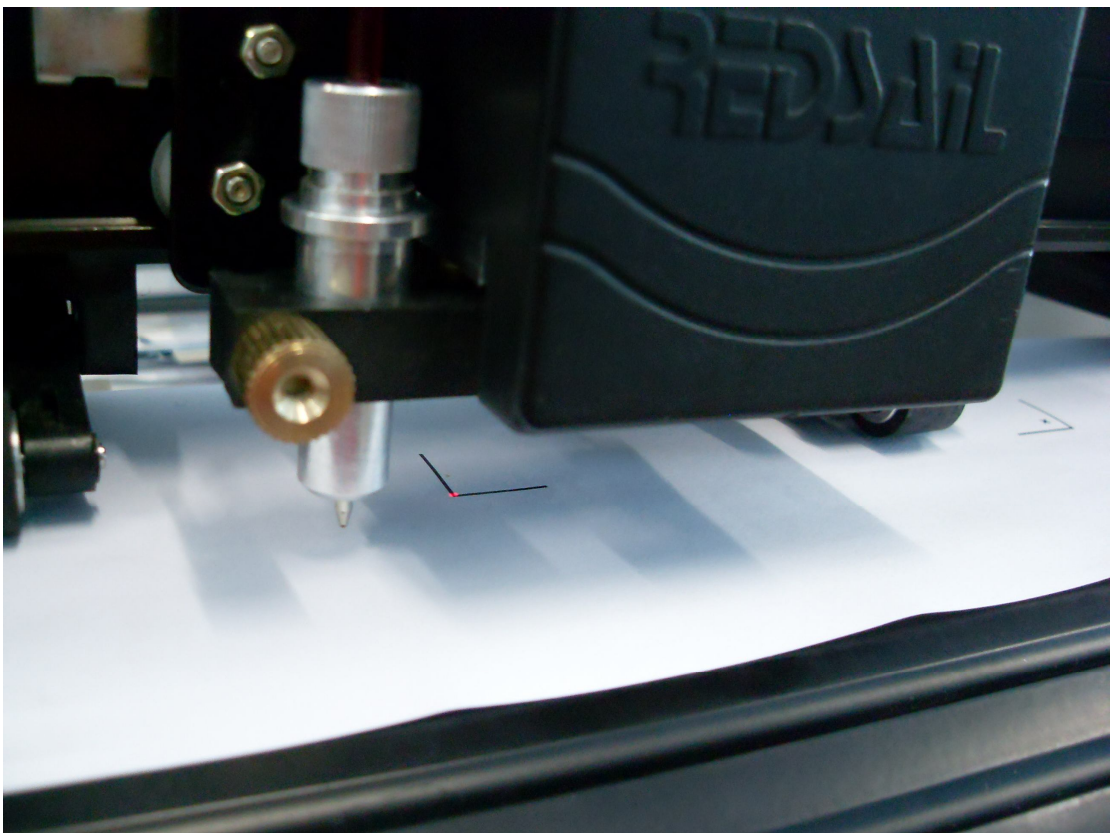
3. Click ; high precision;. Open Red dot indicator light, adjust to offline mode, then move Red dot to first point, adjust again as Picture24.



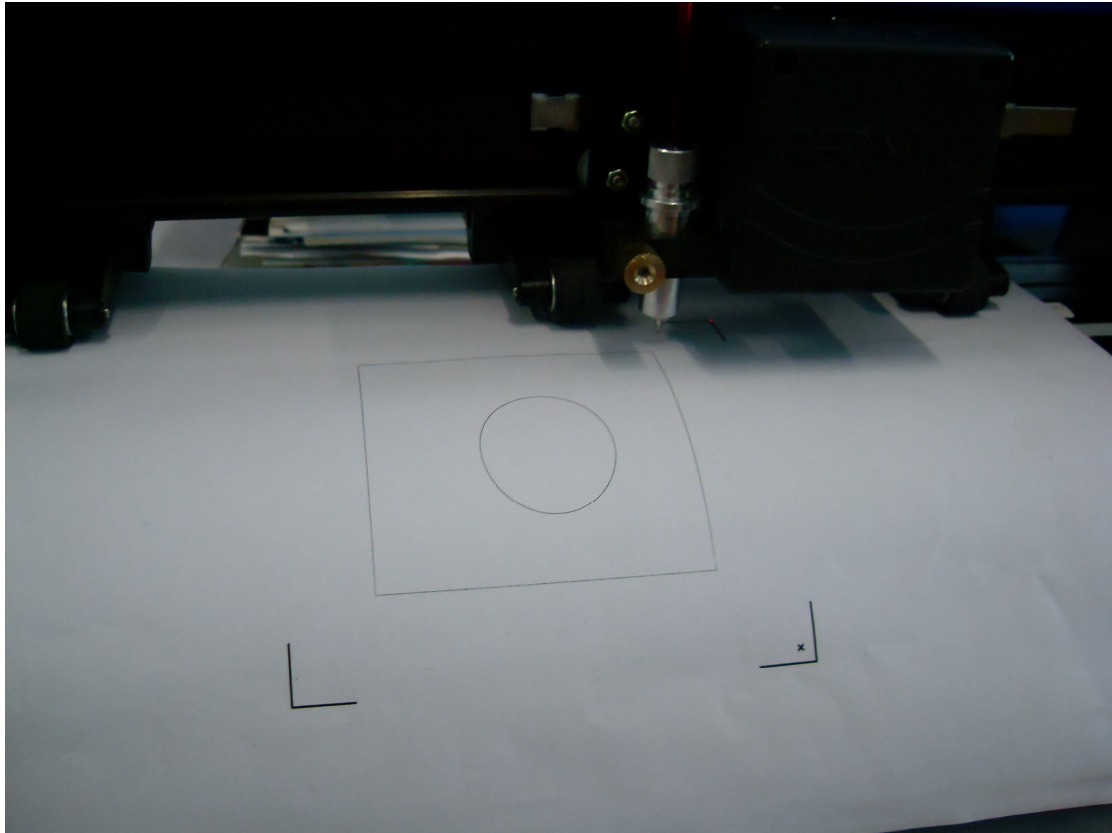
Picture23



Picture24



Picture25



Picture26

4. After adjusting the first point, click next step, then go to the second point, adjust the second point, as Picture25, the third point as Picture26, till now three positioning point are adjusted well, click ;next step;, click ;start; to cut as Picture27.



Picture27