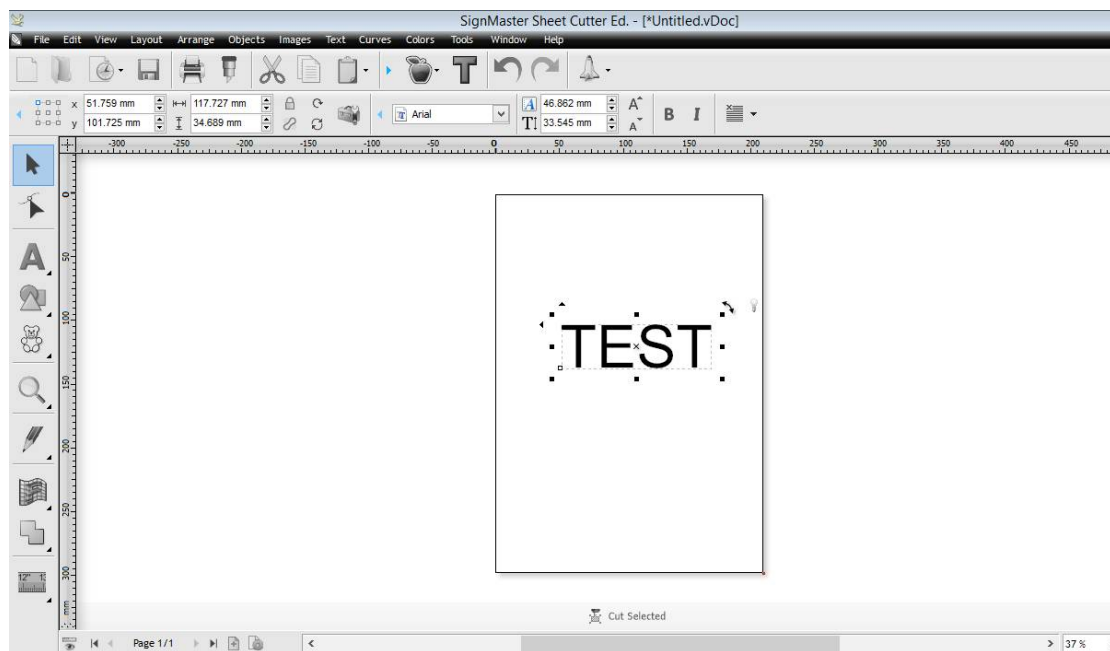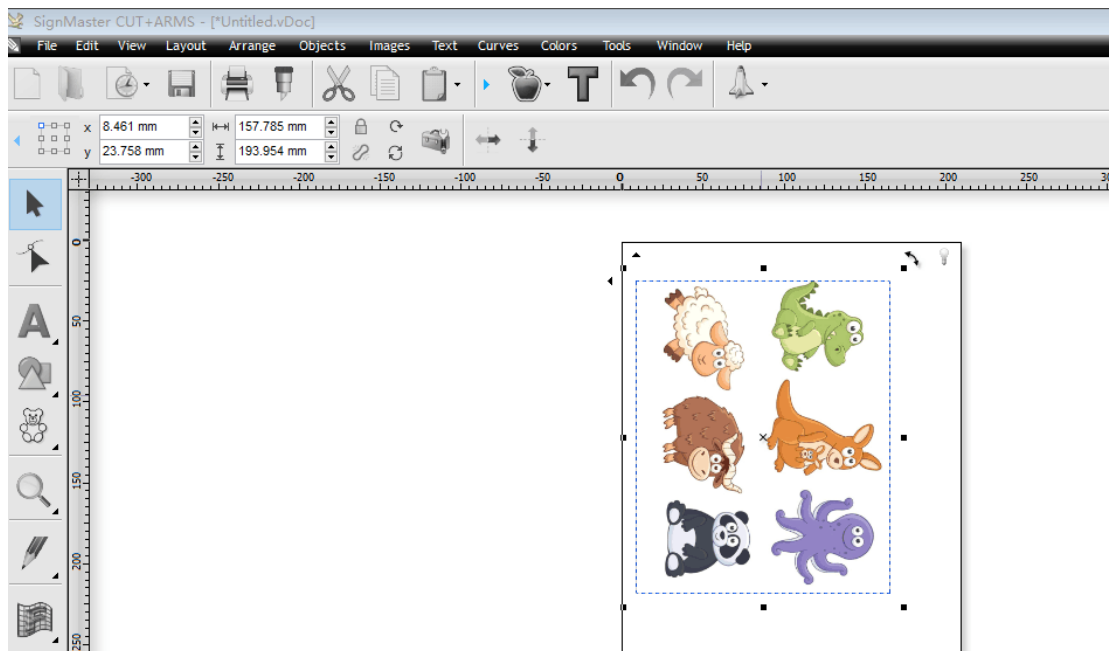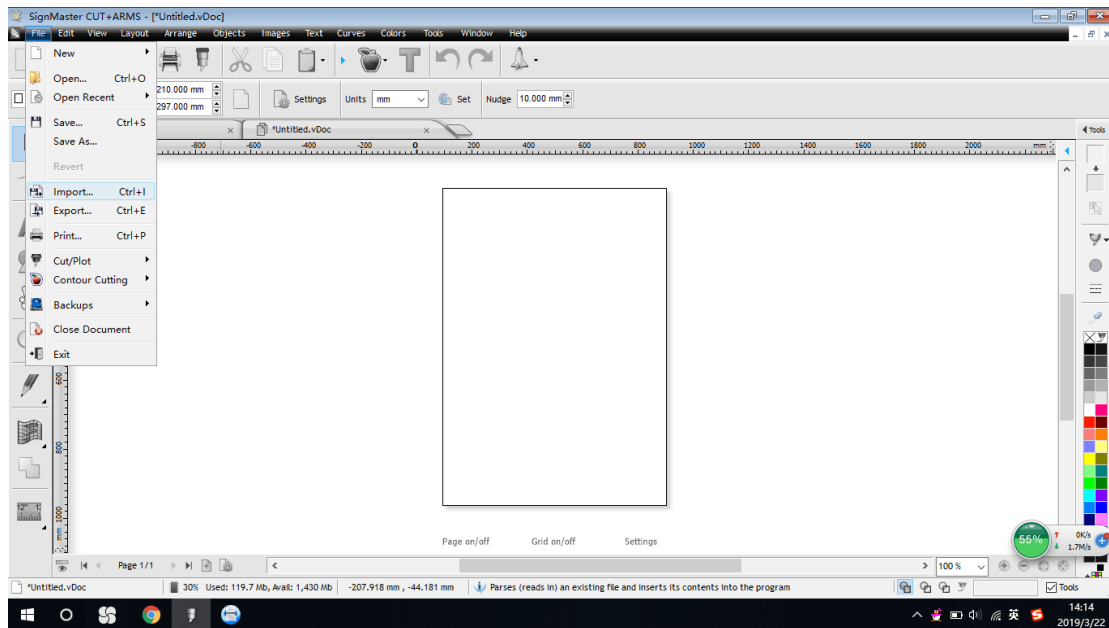# Auto-Aligning System (AAS)

Introduction

The T-A series cutting plotters with a Auto -Aligning System to guarantee automatic contour cutting by detecting the registration marks printed around the graphic.
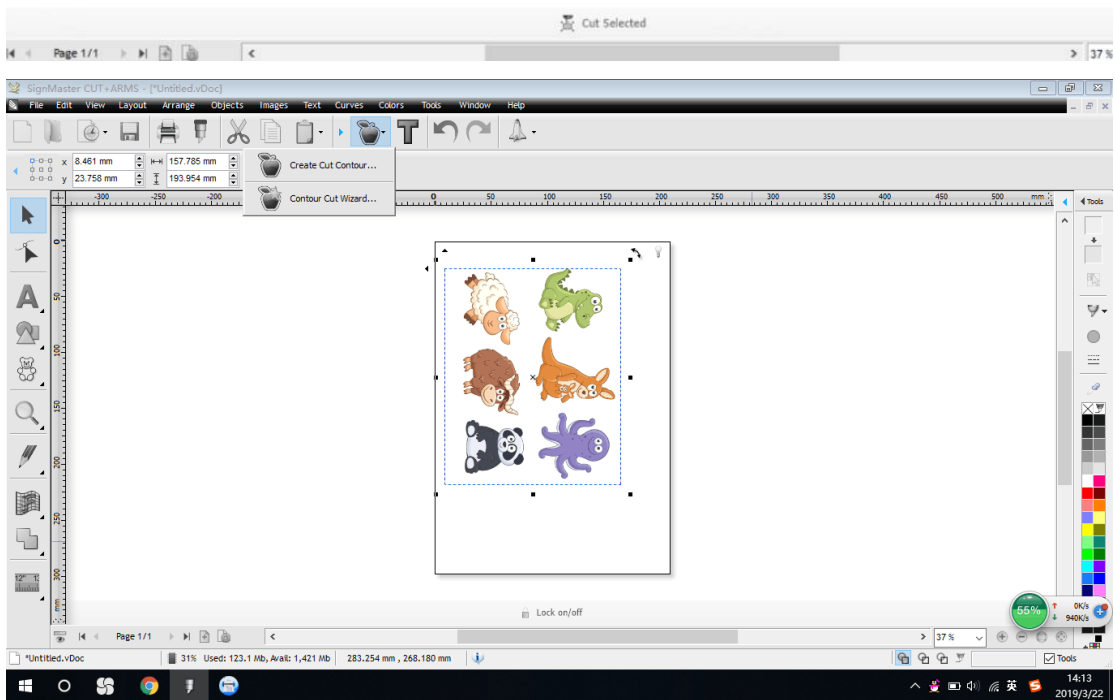
Signmaster software Operation
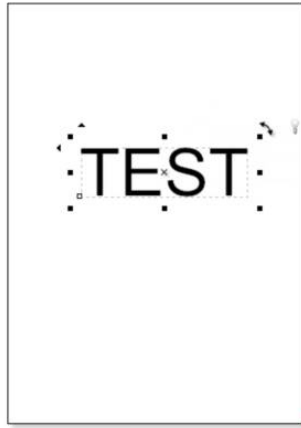
1. Prepare the graphic

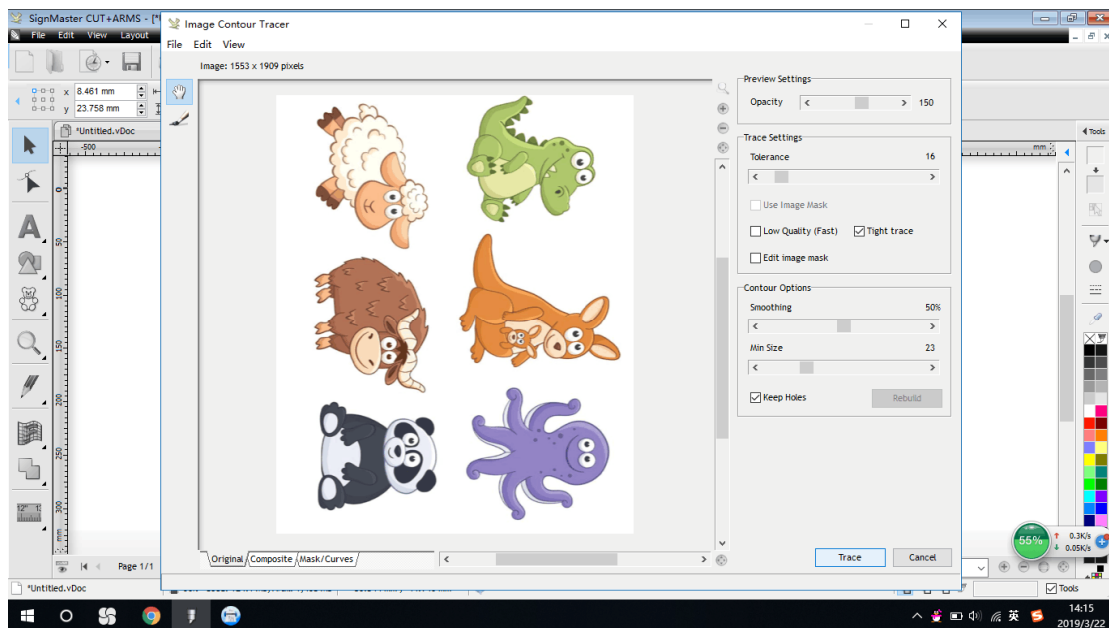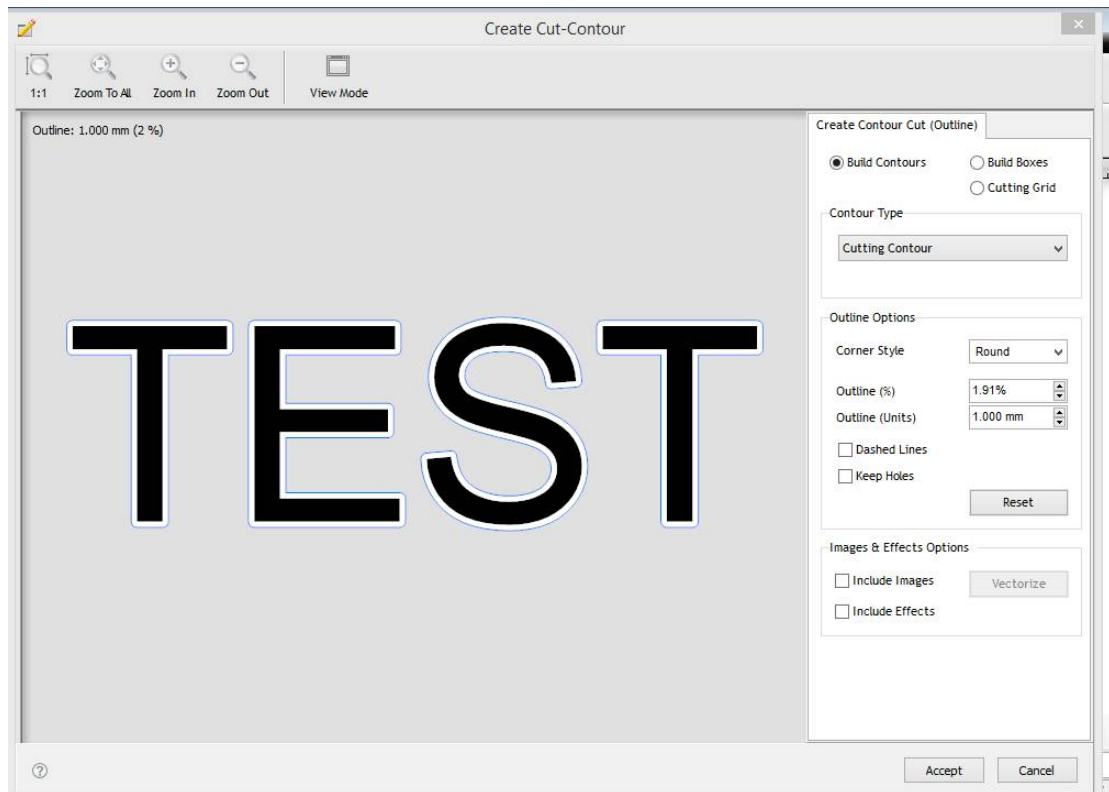Type fonts or import a pattern to the signmaster software.

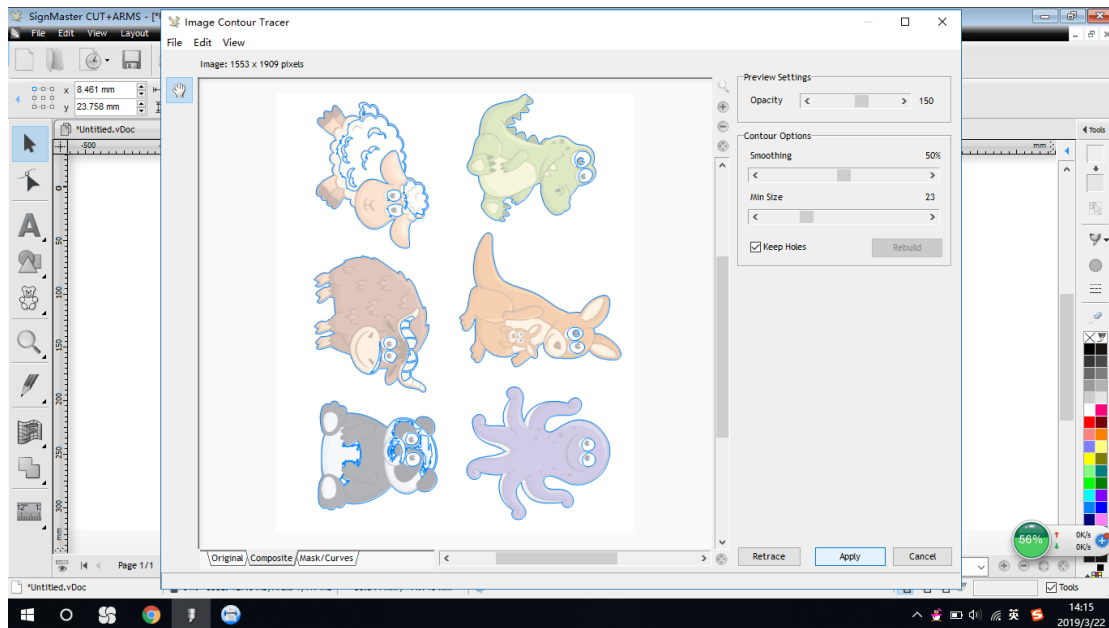2. Create a contour for the graphic

   click the menu (apple pattern) ⟶ click the first setting(Create

cut contour······) , as following picture
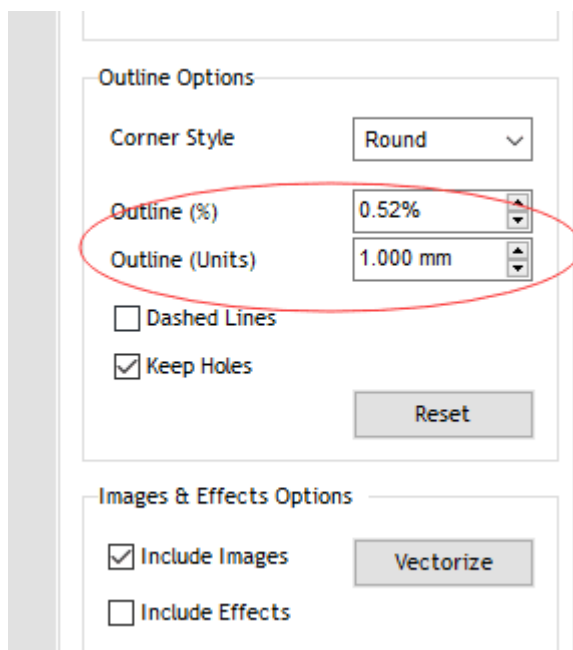
It will Show the screen as following:

For pattern, it will need to click "Trace". And then the software will start to scan the pattern automatically to give an outline.
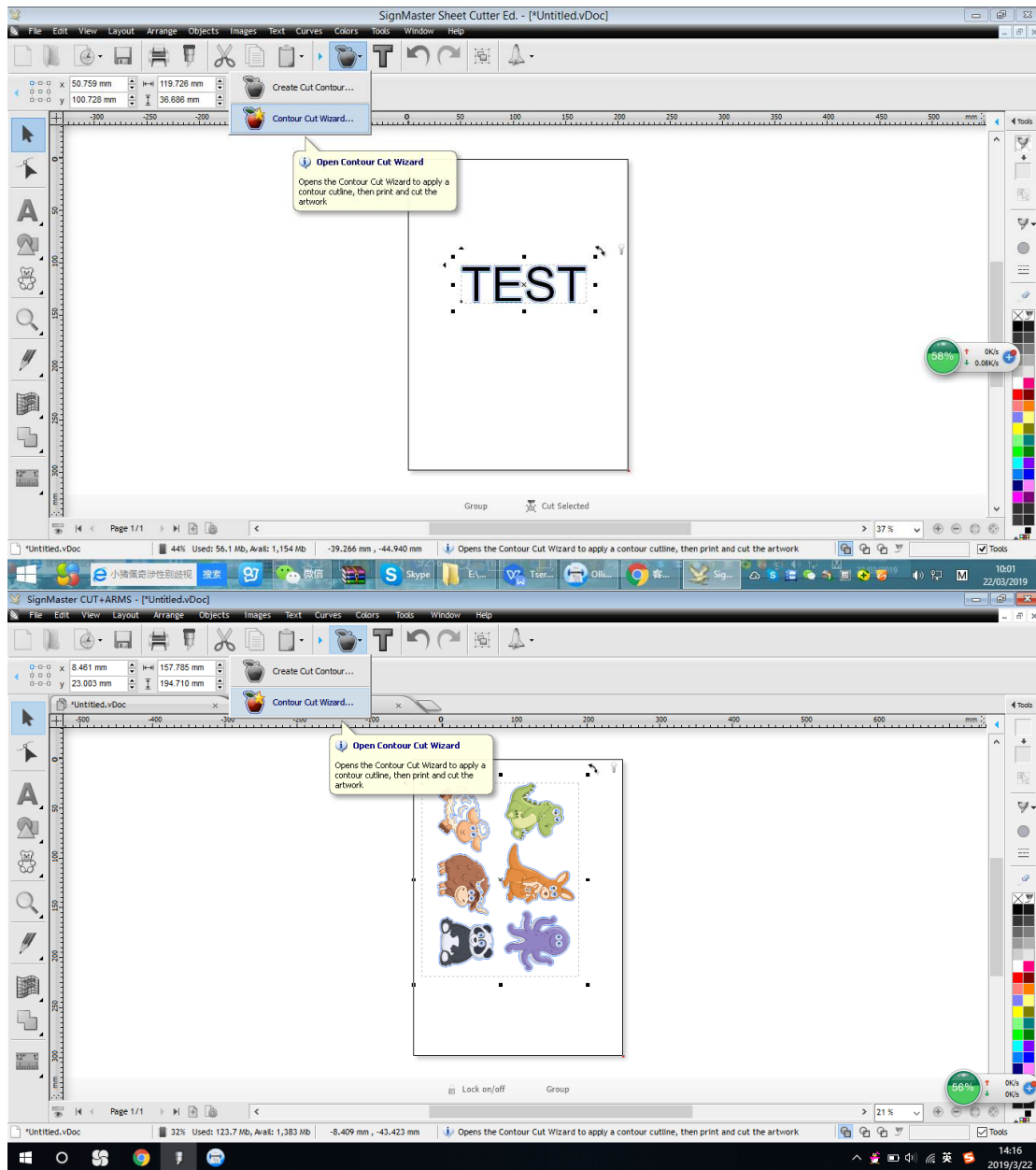
You can click "keep holes" or not according to your cutting job.

choose appropriate outline value (according to your work) and click the " accept "button, contour creation finished.
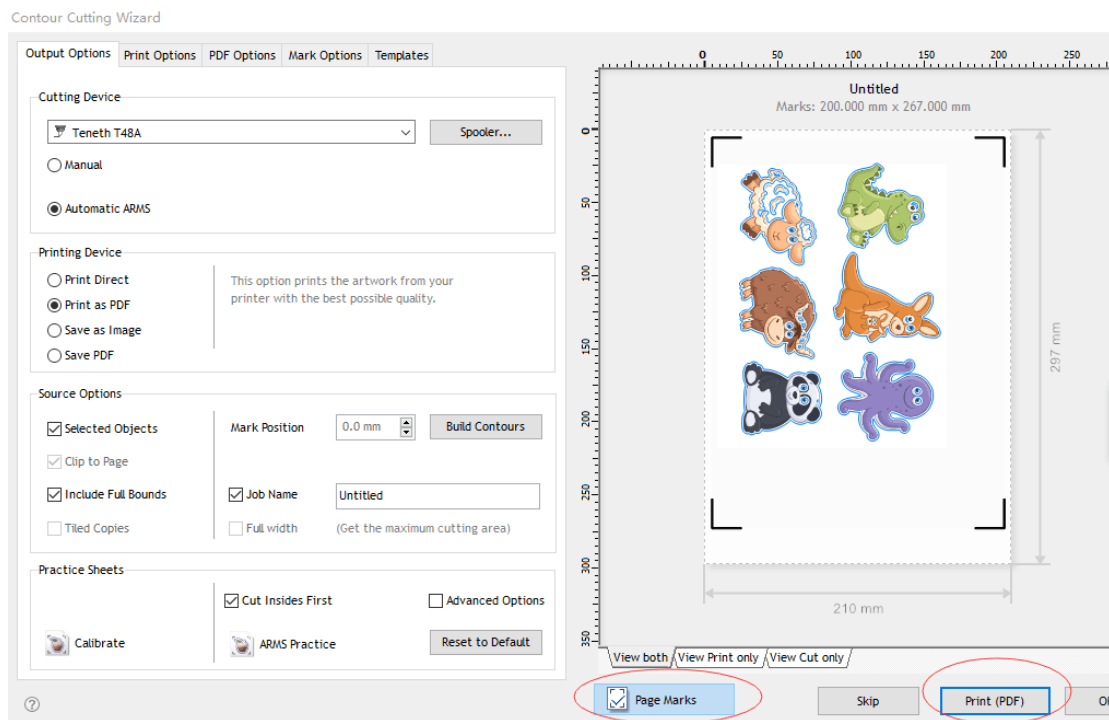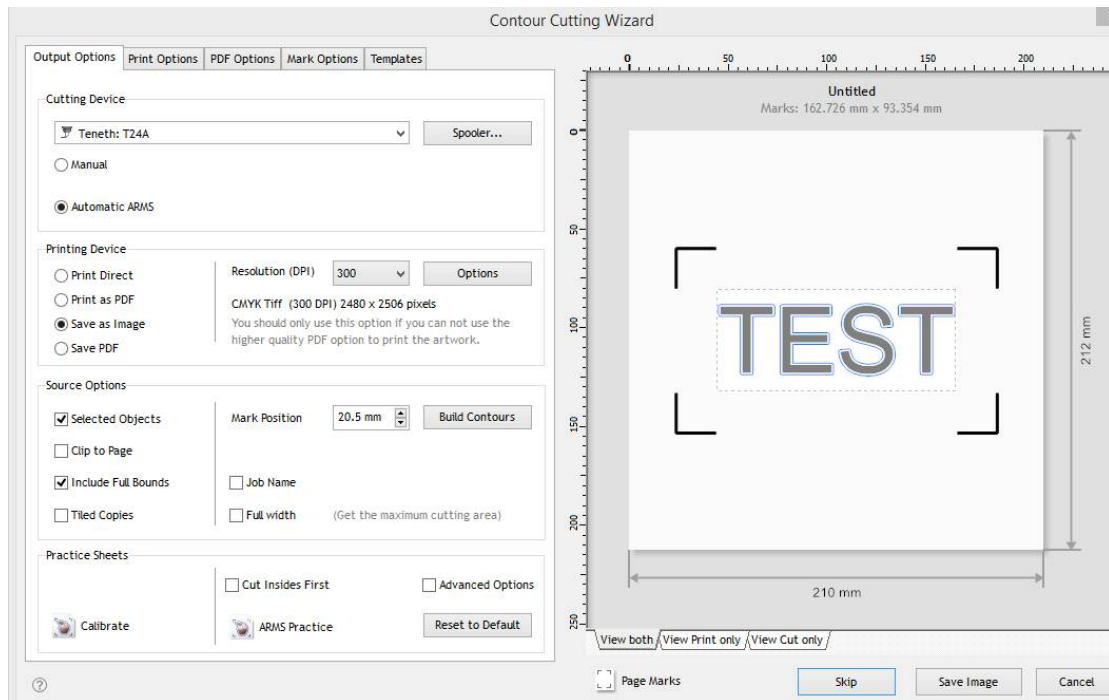

3. Add the registration marks

  click the menu apple pattern, the second setting, as the following picture

Show the screen as following, it will add four right angle marks with the pattern.
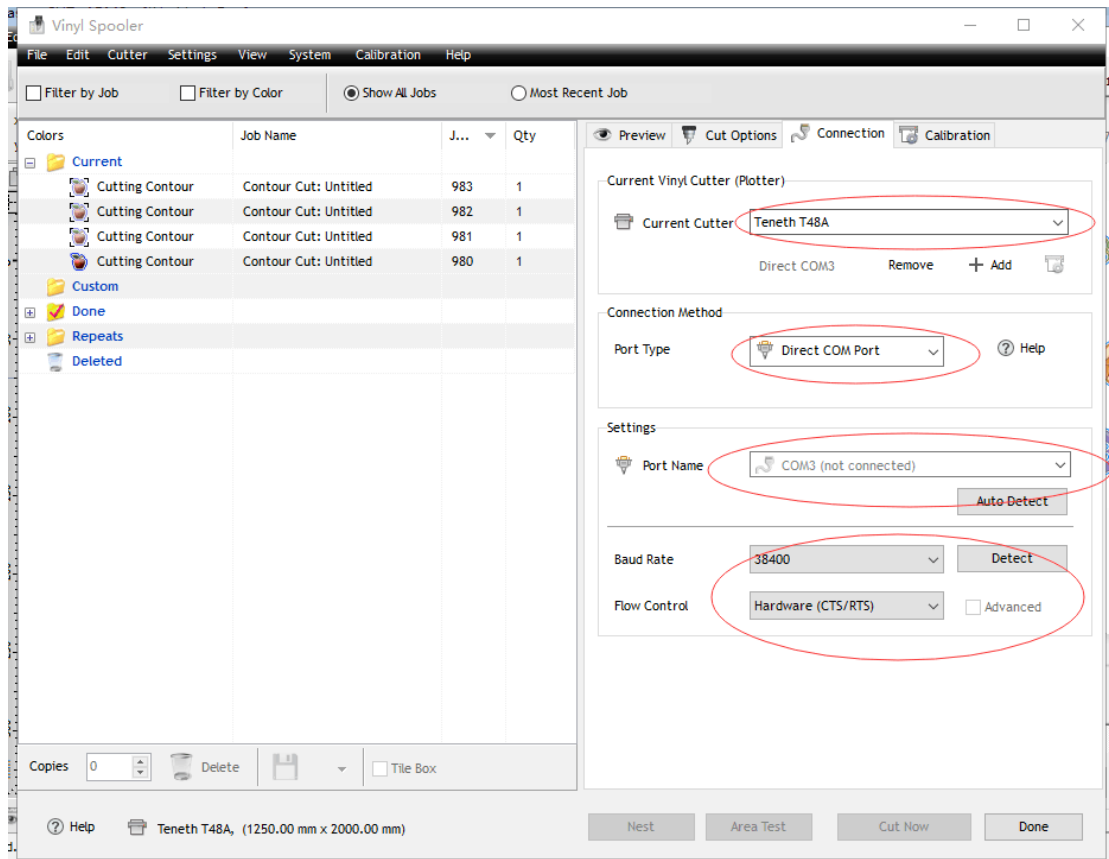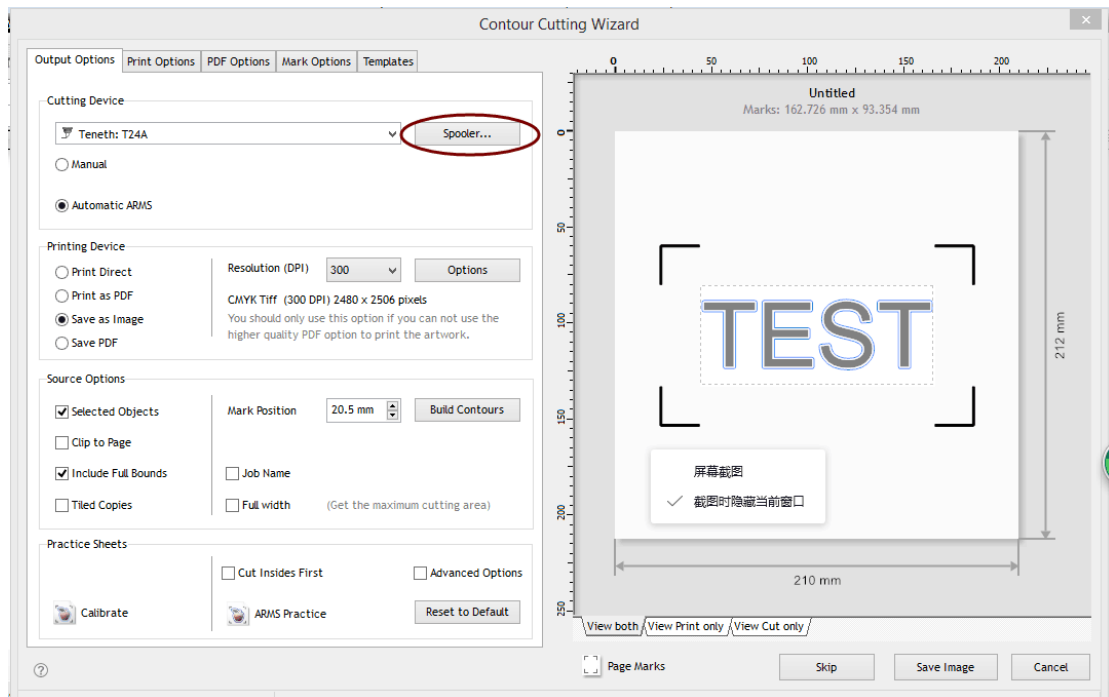
4. Print the Graphics

Click "Print " to print the graphic with the marks by your printer . (make sure your computer connect with printer)

Scaling must be 100% .(To make sure the printed size is the same as the cutting size)

5. Connection (USB, Serial port, U disk)

Click the "Spoodler"

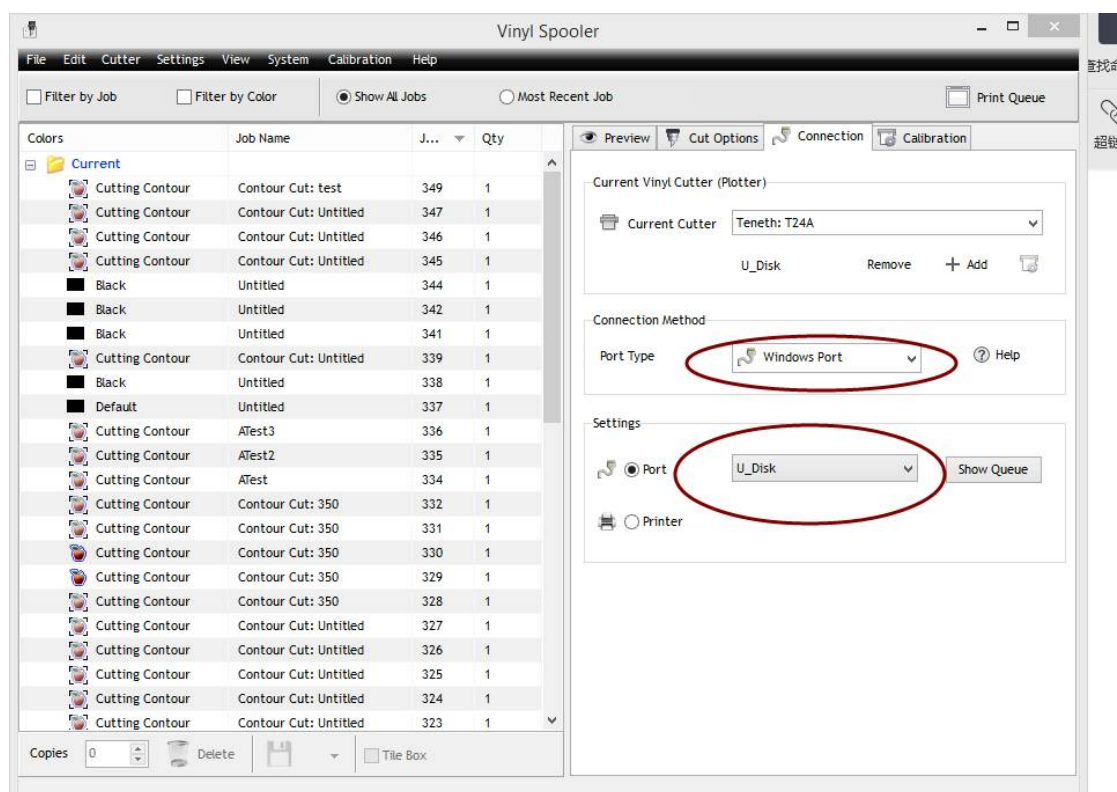You can add a machine model, choose the right one according to

your machine model.

When you connect the machine and computer by using USB cable, choose the "Port type" "Direct COM Port".
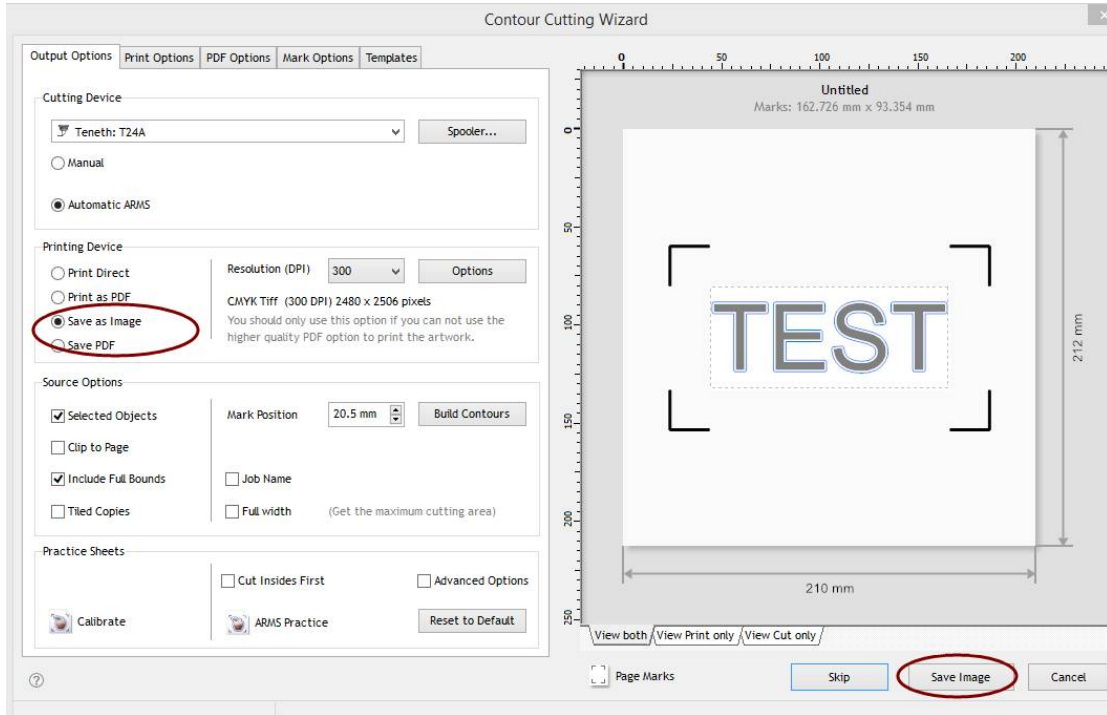
The "Setting", select the port name. (If you insert the USB cable, it will show the cable name)

If you need to save to U disk. The "Port Type" choose "Windows port", and then the port will show U disk.
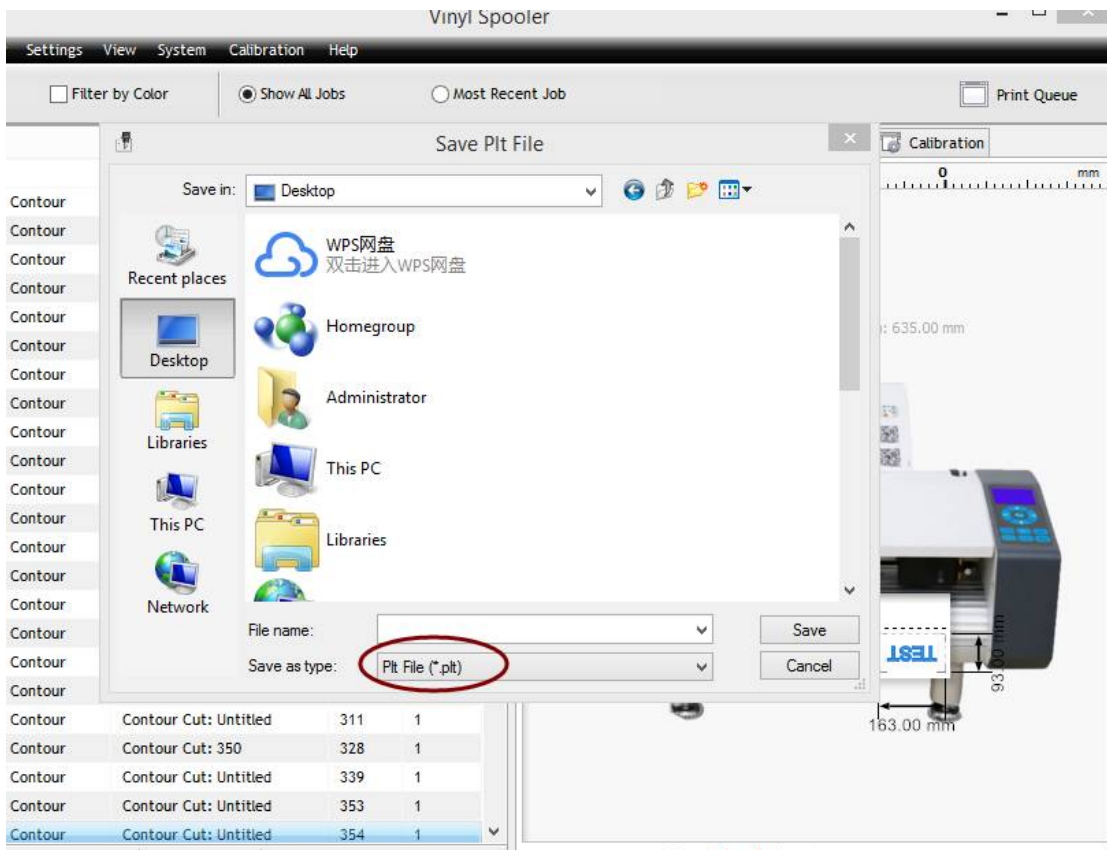
U disk will save the pattern in .plt format.
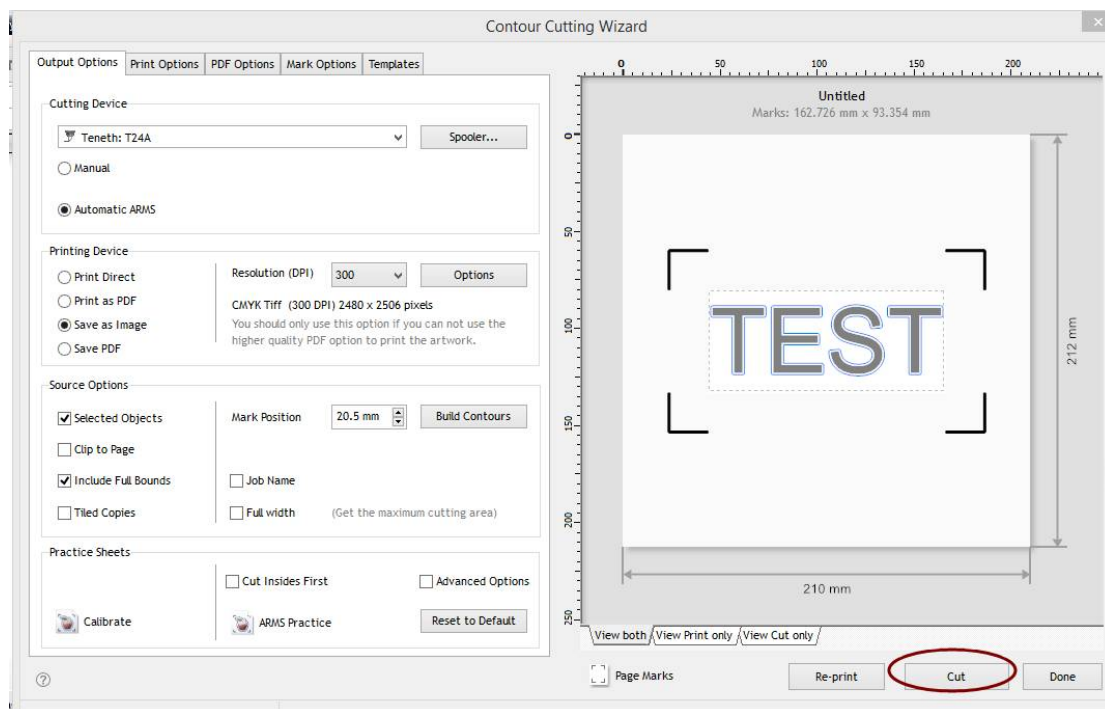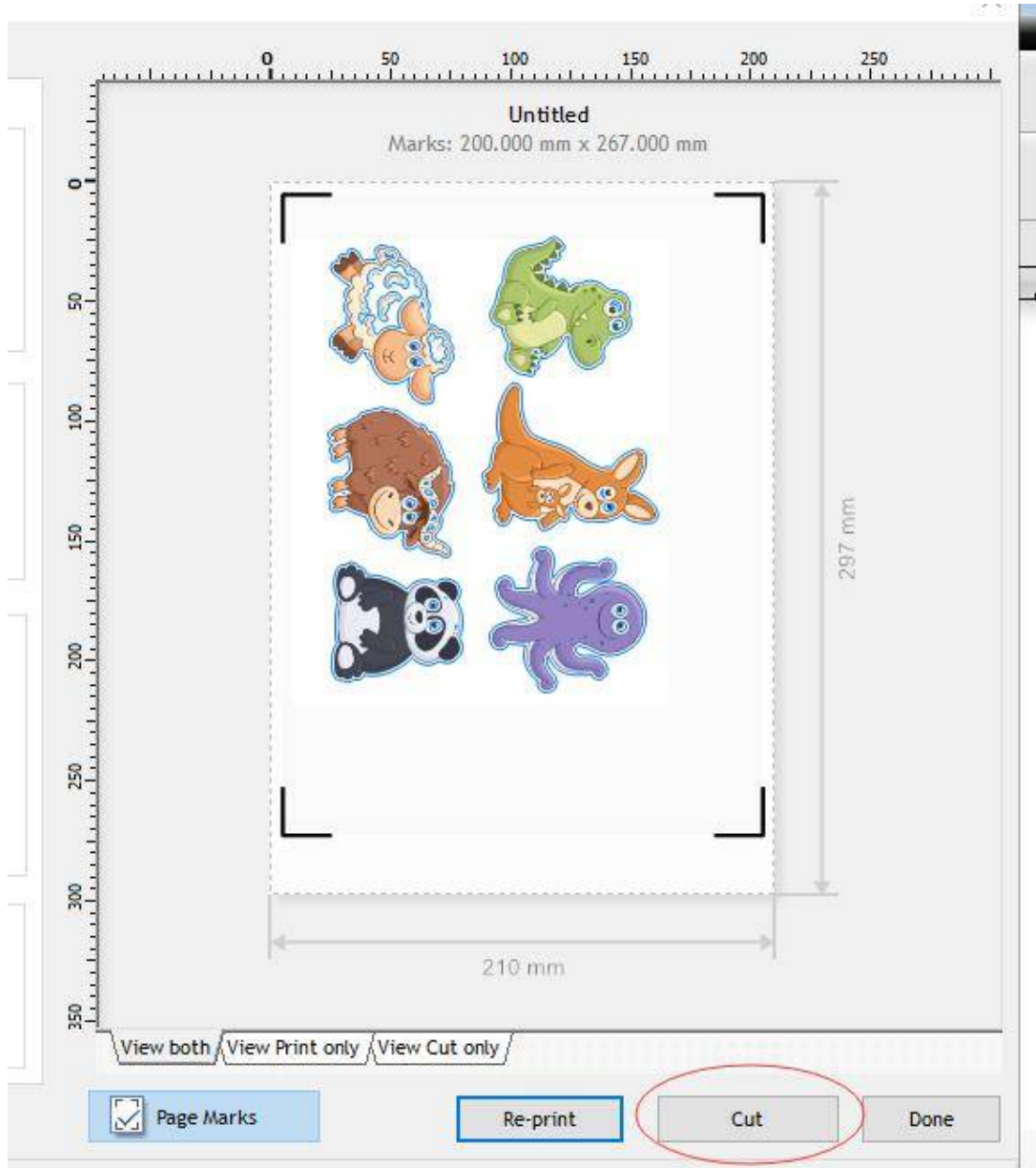

When finished all, click "done".

Choose "Save as Image" , and "Save image".

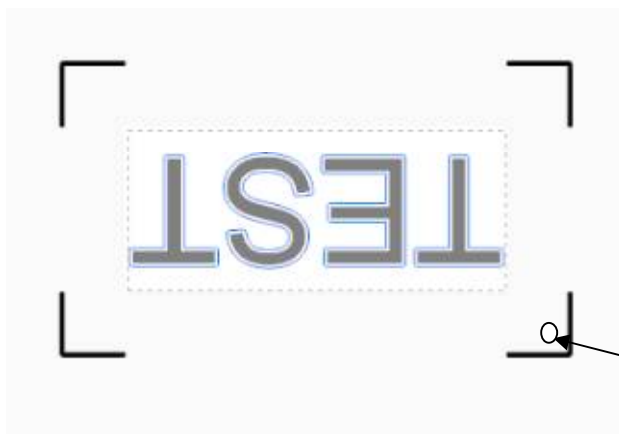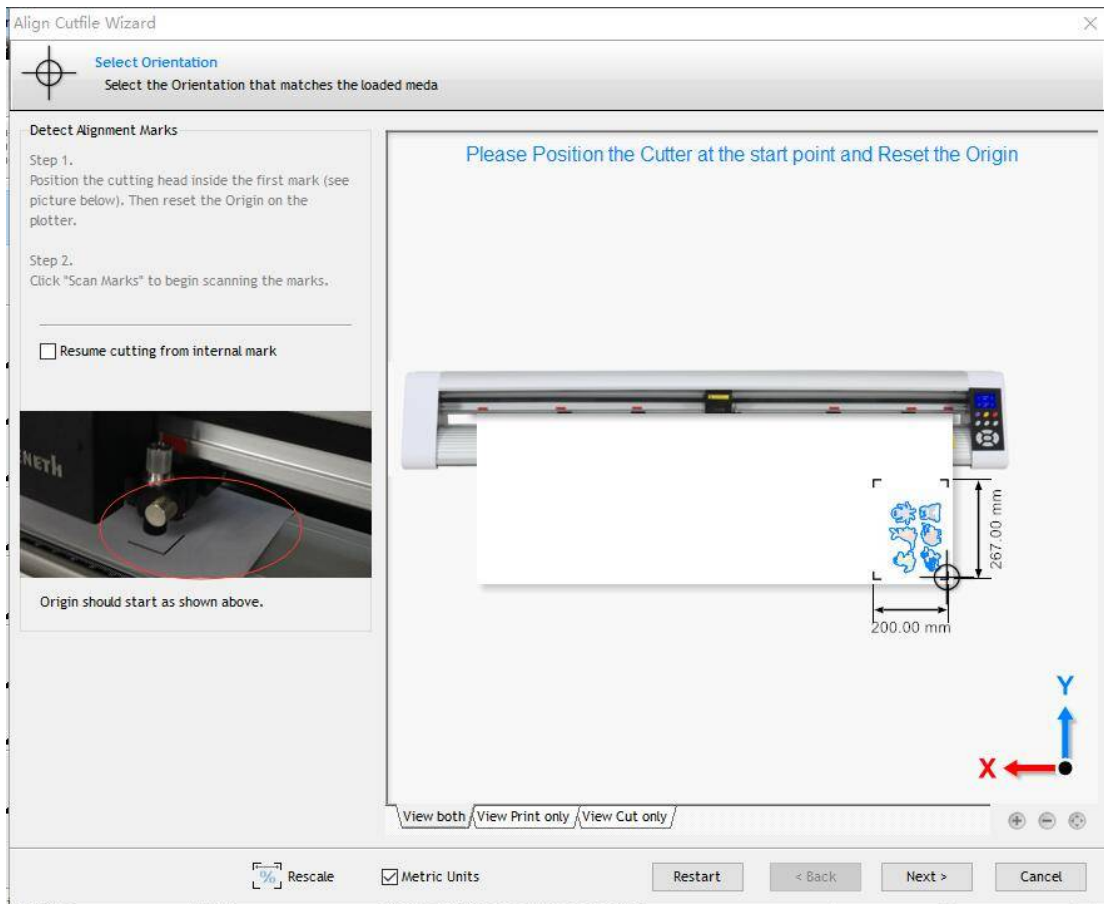Click "Next". It will come to the screen of saving .plt format files. You can type a name to define it.

6. Cutting

Load the printout onto cutter, and take care of the blade or pen setting position. (inside the first mark)

Just as the first picture shown below. Please make sure the media is fed with correct direction.

pen or cutter start point,

Sample:

How to determine whether successful, if successful, pen or blade　go to the center of the scan head, the laser is off at the same time. If not successful, the laser is on, the machine stop.

The solution if it fails is　Press button "PAUSE" can cancel the work, or press the 4 direction keys to let the scan point go to the right position, and press button "enter" for repeat scanning.

following pictures are the positions when repeating finding

Laser