

Stand Inkjet Cutter Plotter

The basic setup and operation

1.1 Cutting machine control panel

1.2 Set origin point

1.3 The parameter set menu

1.4 Advanced settings menu

1.5 Pause / stop working

1.6 Manual paper cutting

1.1 Cutting machine control panel



1.2 Set origin point

Turn on the power switch, the cutting head moves to the right rear
LCD screen display: (Hereinafter referred to as the main menu)

Welcome to use
RICHPEACE CAD

1. press any key under main menu 2↑、8↓、4←、6→

2:back 8:front
4:left 6:right

any arrow appear:

According to the direction of the arrow to move the cutting head and paper;

press 5_{OK} The current head position confirmation for the origin and return to the main interface;

press 7_{11/12} Return to the main interface, the origin position as head of the initial position。

2.in origin point setting menu press 1_{list} screen shows:

MOV SPEED:
High

press 2↑、8↓ Set mobile speed: low speed / low / medium / high / high speed;

press  Keep moving speed return origin set interface;

press  Do not return original setting interface preservation movement speed.

1.3 The parameter set menu

1.in main menu press , screen shows:

PrintTest Chart
Speed Setting

The parameter set menu interface can set parameters: Print a test chart/ Speed setting/pen and knife Attribute/ Offset setting/ XY length correction/ Cutting length/ Automatic paper feeding set/Automatically cutting paper setting / Network settings/ Software version;

press 、 Parameter switching;

press  Enter the selected parameters

;

press  Exit the parameter settings menu interface

;

TestChart Print
Please Wait...

2. choose“print testing chart”, screen shows:

Testing inkjet normal or not;

Head movement of ink-jet printing test chart, Print end return parameter setting interface。

3. speed settings

CUT SPEED:
Middle

3.1 Select the "speed settings", LCD screen display:

press 、 Parameter switching "low speed / low / medium / high / high speed";

press  Save and return to parameter setting interface;

press  not save Return parameter setting interface;

MOV SPEED:
Middle

3.2 in cutting speed menu press  , Enter the frame shift speed setting interface:

For head movement speed control settings origin.

press 、 Parameter switching "low speed / low / medium / high / high speed";

press  save and return parameter setting menu;

press  not save return parameter setting menu.

1.4. pen and knife attribute setting

4.1 choose "pen and knife attribute",

PenKnife Attrib:
4# CUT

According to pen model to set the relative function ,printing or cutting

press 、 pen model change: 1#、2#、3#、4#、5#、6#、7#、8#;

press 、 pen model change: PEN、CUT、CUT* (angle knife) ;

press  save and return parameter setting menu;

press  not save return parameter setting menu.

4.2 inkjet knife spacing setting

1) press one time in pen knife attribute 

Cut Spacing:
Y: -253

Enter inkjet knife spacing setting interface:

To set the cutting knife and the print head by adjusting the spacing interval,
Set parameters makes inkjet line and cutter line Coincidence;

press  X AND Y setting transfer;

press  parameter plus 1;

press  parameter plus 10;

press  parameter reduce 1;

press  parameter reduce 10;

press  inkjet knife spacing testing

press  save and return parameter setting menu;

press  not save return parameter setting menu

2) at pen and knife attribute ,press  two times ,
Enter lift/ down knife ,delay setting menu:

Down Delay:50/B Up Delay: 1/B

Set life /down knife prolong time;

press  life /down knife setting A/B/C ;

note: A: plus/deduce1, B: plus/deduce 10, C: plus/deduce 100

press  life knife delay plus 1/10/100;

press  down knife delay plus 1/10/100;

press  life knife delay deduce 1/10/100;

press  down knife delay deduce 1/10/100;

press  life /down knife setting;

press  save and return parameter setting menu;

press  not save return parameter setting menu.

1.5. offset setting

5.1 choose “offset setting”, screen shows:

Offset: 40

Set parameter promise cutting quality, Blade deviation compensation; 40
pieces 1mm;

- press  parameter plus 1;
- press  parameter plus 10;
- press  parameter deduce 1;
- press  parameter deduce 10;
- press  save and return pareeter setting menu;
- press  not save return parameter setting menu

5.2 lift knife Extension data and angle lift knife

Cut Extension:
40

Extension data

- 1) press pne time at offset setting menu  enter life knife extend data setting menu:

Set parameter promise cut beginning and ending Effective closure; 40 pieces 1mm;

- press  parameter plus 1;
- press  parameter plus 10;
- press  parameter deduce 1;
- press  parameter deduce 10;
- press  save and return pareeter setting menu;
- press  not save return parameter setting menu

- 2) press two times at offset setting menu 

Cut *Extension:.
8

Enter angle life knife extend data interface:

Need to set pen model into CUT* in pen and knife attribute, change date will be valid. at setting angle life knife time , The process of falling knife edge angle provided effective phase, promise cut quality; 8 pieces 1mm;

- press  parameter plus 1;

- press  parameter plus 10;
- press  parameter deduce 1;
- press  parameter deduce 10;
- press  save and return parameter setting menu;
- press  not save return parameter setting menu

1.6. XY length correction

Choose “XY length correction”, screen show:

Calibrate: X
10000

Correct cut sample pattern size, real size is same with cut size; 10 pieces
1mm;

- press  X/Y axis length correction change
- press  parameter plus 1;
- press  parameter plus 10;
- press  parameter deduce 1;
- press  parameter deduce 10;
- press  save and return parameter setting menu;
- press  not save return parameter setting menu

1.7. cutting length

Choose “cutting length

Cut Section LEN
20mm

”, screen show :

Down knife Control the cutting knife set after the movement distance knife.

- press  The cutting segment length and cutting section gap switch;
- press  parameter plus 1;

press  parameter plus 10;

press  parameter deduce 1;

press  parameter deduce 10;

press  save and return pareeter setting menu;

press  not save return parameter setting menu

1.8. auto sending setting

choose“auto sending setting”,
screen show :

AutoSendPaperSet:
Open

main function: close or open send paper motor function;

press  close /open change

press  save and return pareeter setting menu;

press  not save return parameter setting menu

1.9.auto cutting setting

Choose “auto cutting setting”,
Screen show:

Over AutoCut Paper
Close

press  close /open change

press  save and return pareeter setting menu;

press  not save return parameter setting menu

1.10. net management

Choose “net management”setting,
Screen show:

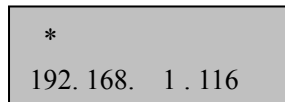
Network manage

By setting up network management can realize the network transmission;

press  return net manage return parameter setting interface。

10.1 IP setting

Press at net manage interface  ,



```
*
192.168.  1 . 116
```

Screen show:

press  | "*" move right to parameter section which needs correct;

press  | "*" move right to parameter section which needs correct;

press  parameter plus 1;

press  parameter plus 10;

press  parameter deduce 1;

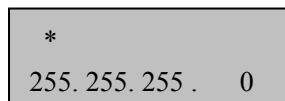
press  parameter deduce 10;

press  save and return parameter setting menu;

press  not save return parameter setting menu

10.2 subnet mask setting

press  at net manage interface,



```
*
255.255.255 .  0
```

screen shows:

press  | "*" move right to parameter section which needs correct;

press  | "*" move right to parameter section which needs correct;

press  parameter plus 1;

press  parameter plus 10;

press  parameter deduce 1;

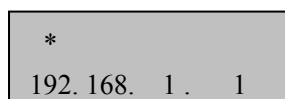
press  parameter deduce 10;

press  save and return parameter setting menu;

press  not save return parameter setting menu

10.3 gateway set

press  at net manage interface ,



```
*
192.168.  1 .  1
```

screen show:

press  "F1" move right to parameter section which needs correct;

press  "F3" move right to parameter section which needs correct;

press  parameter plus 1;

press  parameter plus 10;

press  parameter deduce 1;

press  parameter deduce 10;

press  save and return net manage setting interface;

press  not save and return net manage setting interface.

1.11. check software version

choose "software version",

Ver: V1.00
Date: 14/08/21

screen show:

press  return to parameter setting interface.

1.4 advanced menu setting

1. press  at main menu and enter advanced menu setting; enter password : 1352486 , screen show:

Type Choose
Roll Motor Test

Parameter set menu interface can set parameter: model choose/ receiving paper motor test /send paper motor test /key board test /print head clean prolong /language choose;

press 、 parameter transfer;

press  enter parameter choose;

press  back to advanced menu setting;

2. Model choose

Choose “model choose ”setting

Type: RP_MJ130
Select: RP_MJ130

, screen show :

press 、 parameter tranfer, models: RP_MJ130/ RP_MJ180/
RP_MJ240

press  save parameter setting ,return advance setting menu;

press  not save parameter setting ,return advance setting menu。

3.receiving motor test

choose“receiving motor test”,

2 RollMotorRoll
8 RollMotorSend

screen show:

press  receiving motor receive action, press any key pause。

press  receiving motor send operation, press any key pause。

press  return advance setting menu。

4.send paper motor test

Choose “send paper motor test”,

2 SendMotorRoll
8 SendMotorSend

Screen show:

press  send motor receiv action, press any key pause。

press  send motor send action, press any key pause。

press  return advance setting menu。

5.keyboard test

Choose “keyboard test”,

keyboard check
Press key “1”!

Screen show:]Press key

According to the LCD screen to indicate the keys according to the order of corresponding digital pressing keyboard

6. Print head cleaning delay

PrintHead Delay
1 min

Choose "Print head cleaning delay", screen show:

When the device is idle beyond the setting time, the next time you print start print head cleaning, otherwise do not print head cleaning .

press  parameter plus 1;

press  parameter deduce 1;

press  save parameter setting ,return advance setting menu;

press  not save parameter setting ,return advance setting menu.

7. language choose

Choose "language choose",

Langue Select
1:Chinese2:English

Screen show :

press  choose chinese ;

press  choose english;

press  save parameter setting ,return advance setting menu;

press  not save parameter setting ,return advance setting menu.

1.5 hand cut

press  at main menu ,enter hand cut ,

screen show :

Manual Cut Paper
2FixedPoint/5 Cut

1. adjust down knife point

press  adjust down knife point,

2:back 8:front
4:left 6:right

screen show:

press  Can enter the frame shift speed setting, adjust move speed, Fine positioning of the cutter location。

press 、、、 According to the direction of the arrow to move the cutting head and paper, The fixed position of cut paper。

press  The current head position is recognised as the cutting point and returning manual off paper interface;

2. Manual paper cutting

At Manual paper cutting

Long press  start cut;

Loose  stop cut and return main menu。

1.5 pause/stop

Working condition, press one time  at main menu, pause the present work, press  return present work, press two times  cancel present work

Note : When only using plotting function, Please shut down automatically cutting paper function, And open the automatic paper feeding function !

Stand inkjet cutter plotter using instruction



2. 1 Document

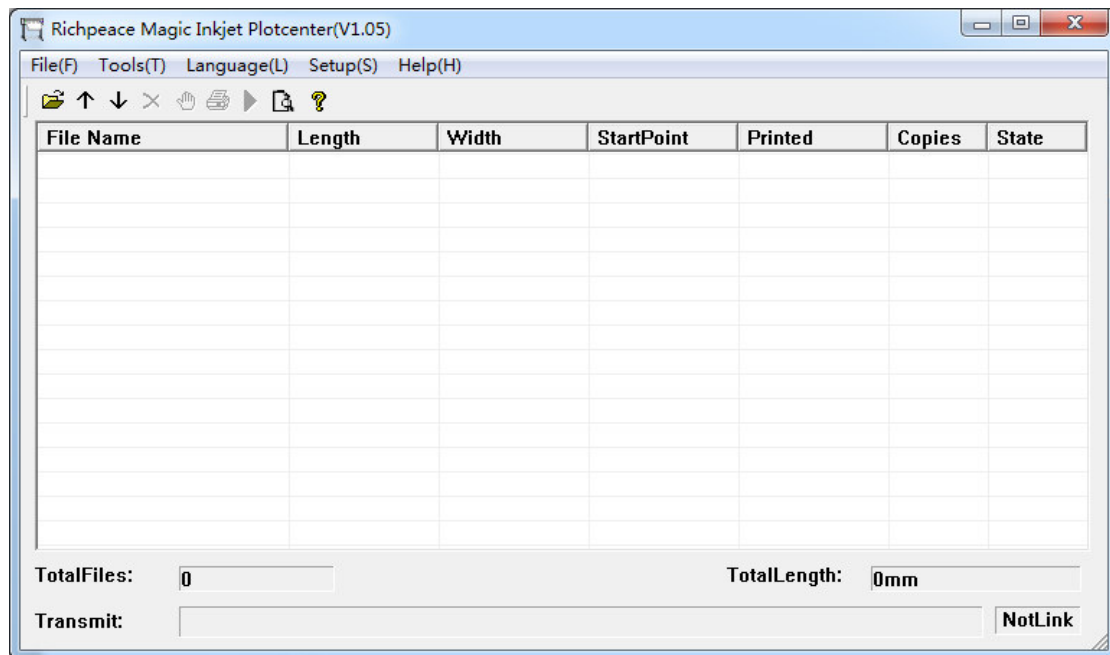
2. 2 Tool

2. 3 language

2. 4 Options

2. 5lnktools

Start CuttingPaintCenter Main Interface as follow:

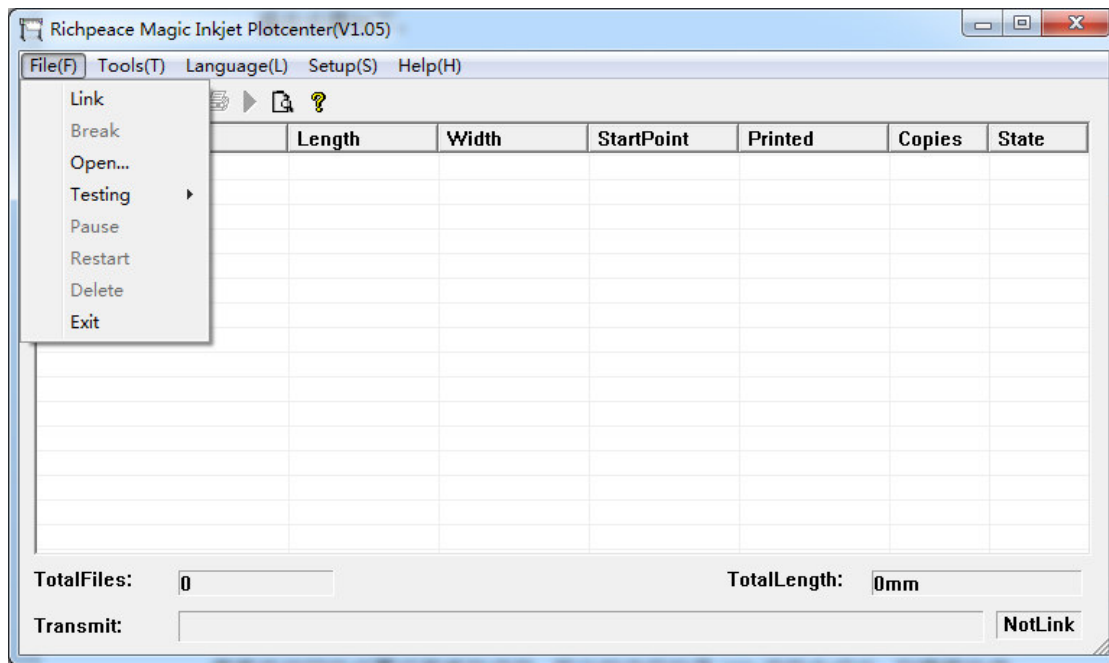


2.1 Document

1. **Link:** Cutting_Paint center connected with vertical_paint_cutting machine, You can connect them in one of two ways: the USB cable or so cable. (Through “Setups” — “Communication Setting” Select the onnection method)。

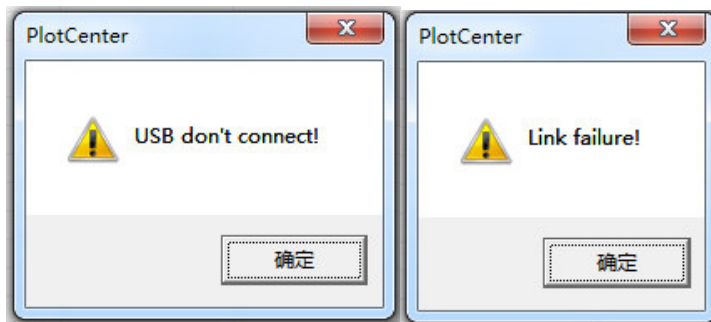
Steps are as follows:

Click on the 'Link' under the 'file' menu, Cutting_Paint center will try to connect with vertical_paint_cutting machine.



If you don't succeed ,it will appear the following dialog prompt, If the currently displayed is the "Link Failure", You need to modify the network Settings before you connect again; If the currently displayed is the "USB don't connect", Whether you need to check the USB interface and cable connection is OK, and then restart the cutting_paint center connect again。

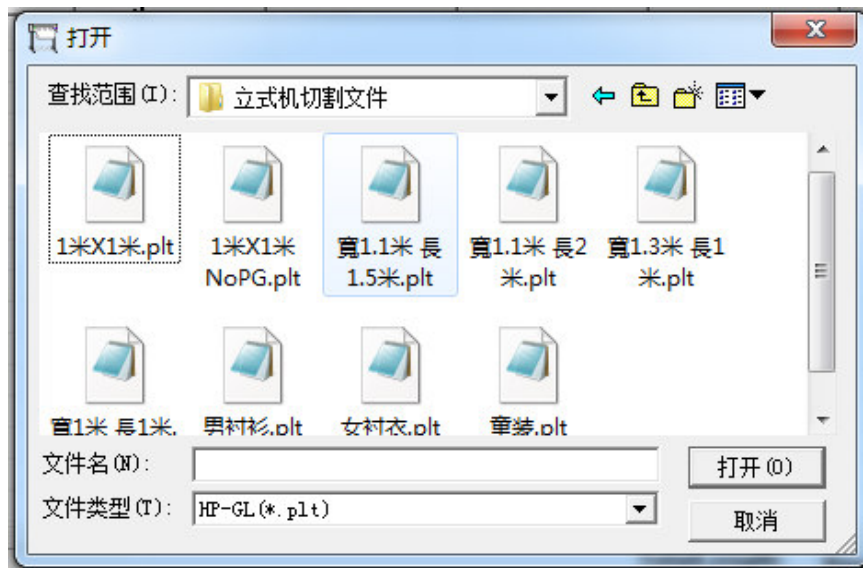
If succeed, the establishment of connection will become gray, At the same time the bottom right hand corner of the interface in the center of the cutting_paint center show "connected" (network connection success) or "USB" (for USB connection success) :



2. Break: Cut off center connected to the vertical_paint_cutting machine.

Steps are as follows:

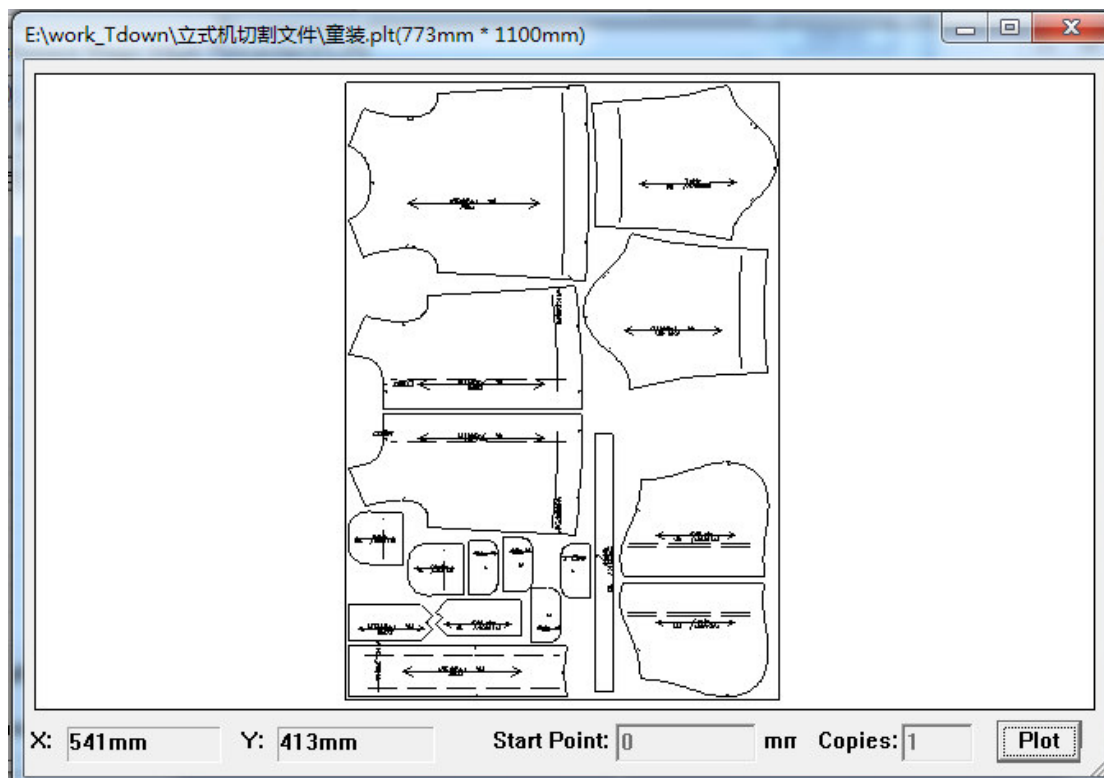
Click the 'break' under the 'File' menu, disconnect with vertical_paint_cutting machine.



(3) Open the file will appear the figure below.

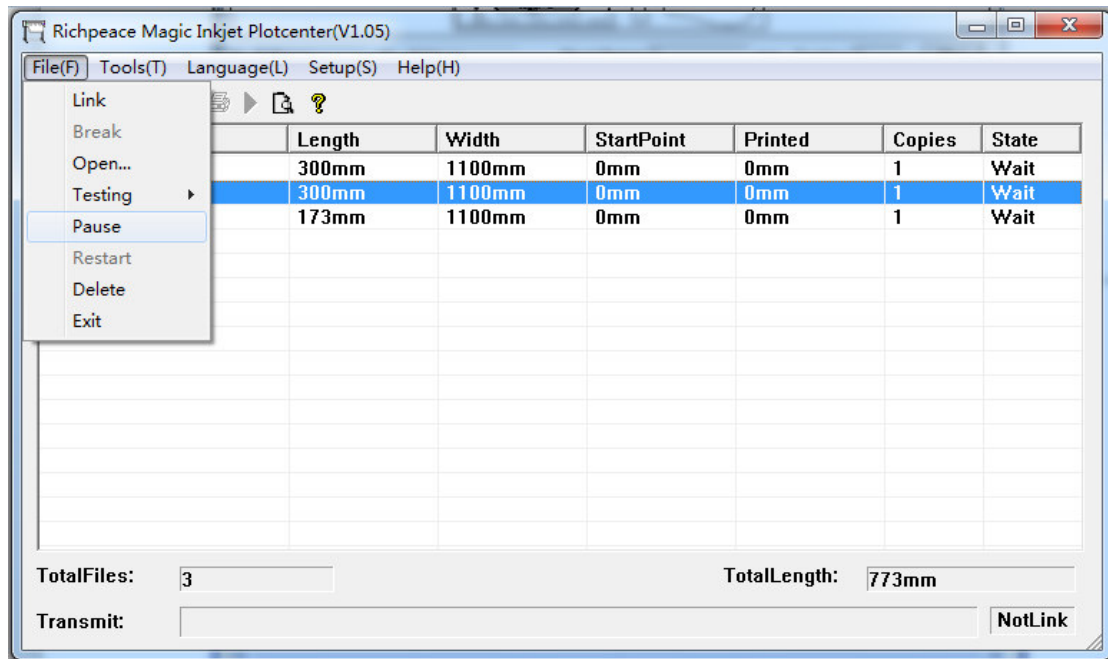
Plot: Add to cut

queues.

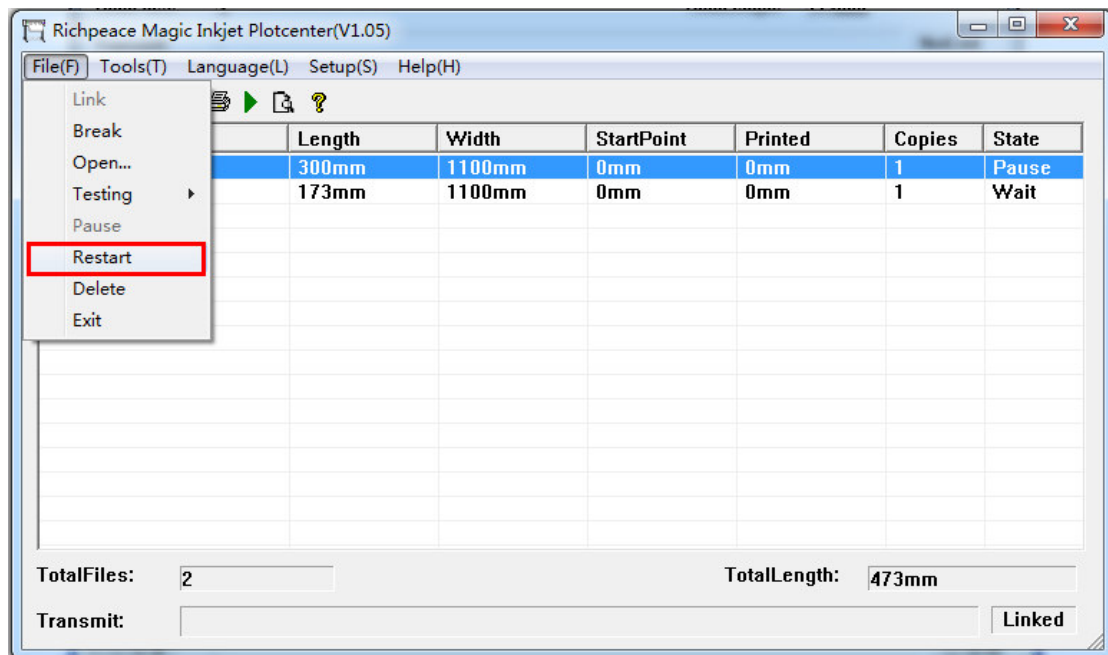


4. Pause: suspend the data that has been sent to the cut_paint_center, can not suspend the transmitting data.

Choose the file need to suspend, and then click the 'pause'.



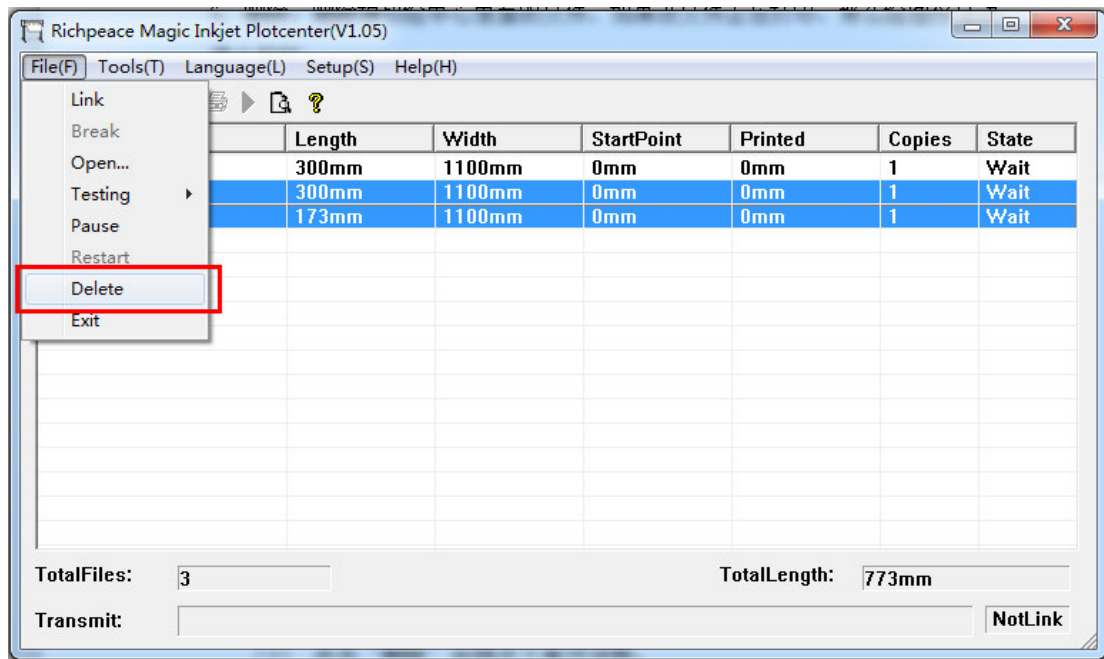
5. Restart: Restart the file that suspended.



6. Delete: Delete the file inside the cut_paint_center, if the file is printed, then the plotter automatically stop printing.

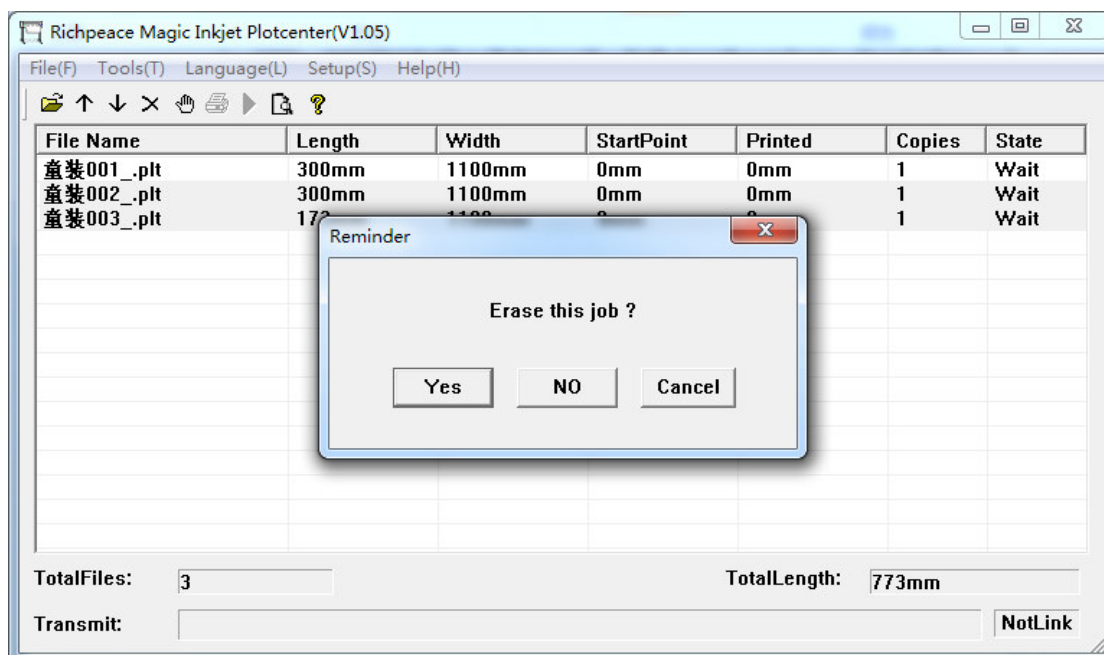
Steps are as follows:

Click "delete" below the "drawing" menu



(1) click "delete" jump out the following

dialog:



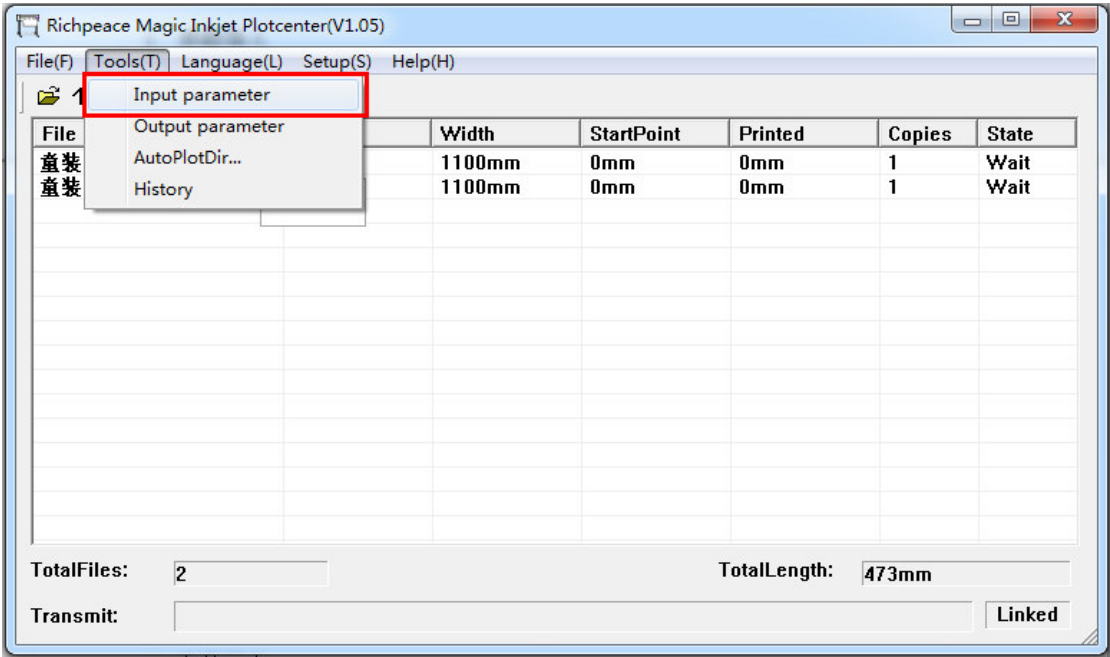
(1) click on the 'Yes' will delete the specified file, click on the 'no' don't delete any files.

2.2 Tools

1. Input Parameters

Click on the "tools" menu in the "input parameters" folder can be cut_paint center PlotPara. Ini settings written into the

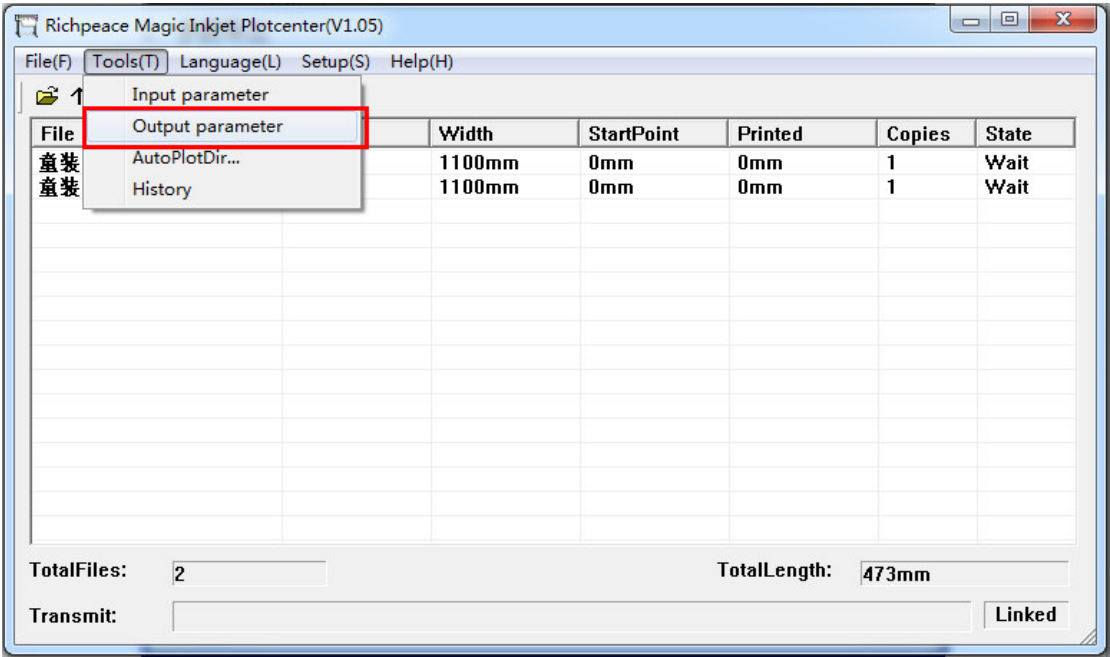
mainboard.



2. Output Parameters

Click 'output parameters' in thetools' menu can be set within the mainboard cut export to draw PlotPara.

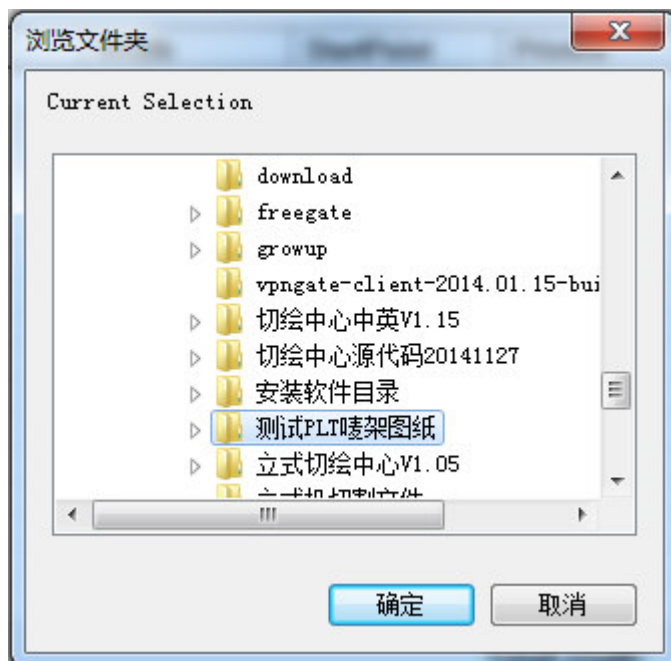
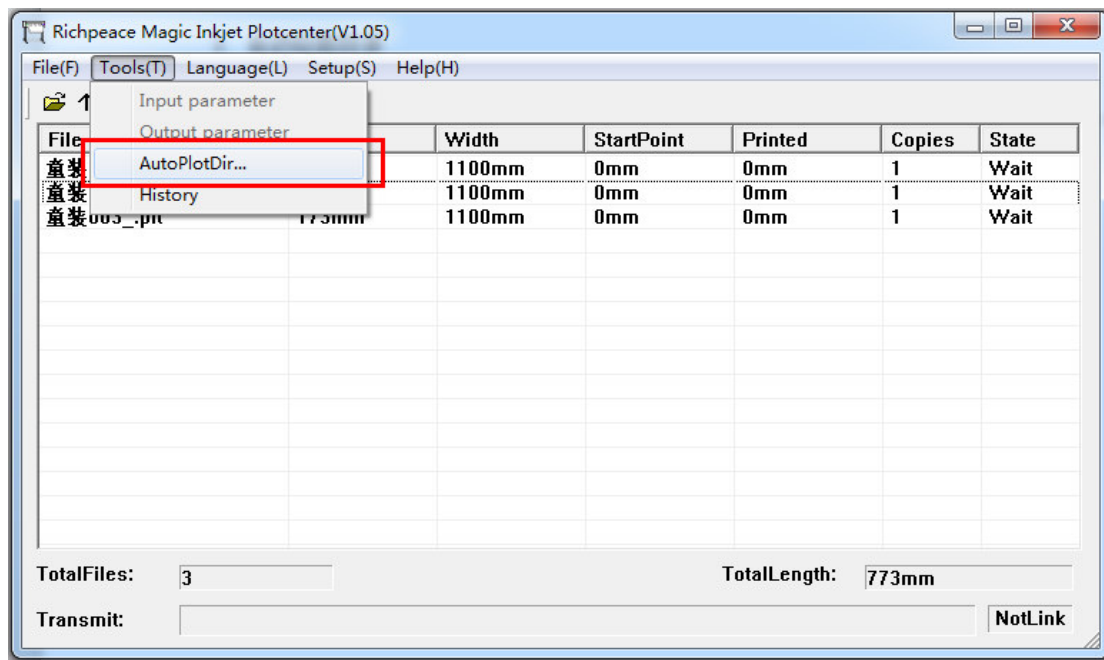
Ini the folder in the center of the file.



3. AutoPlotDir

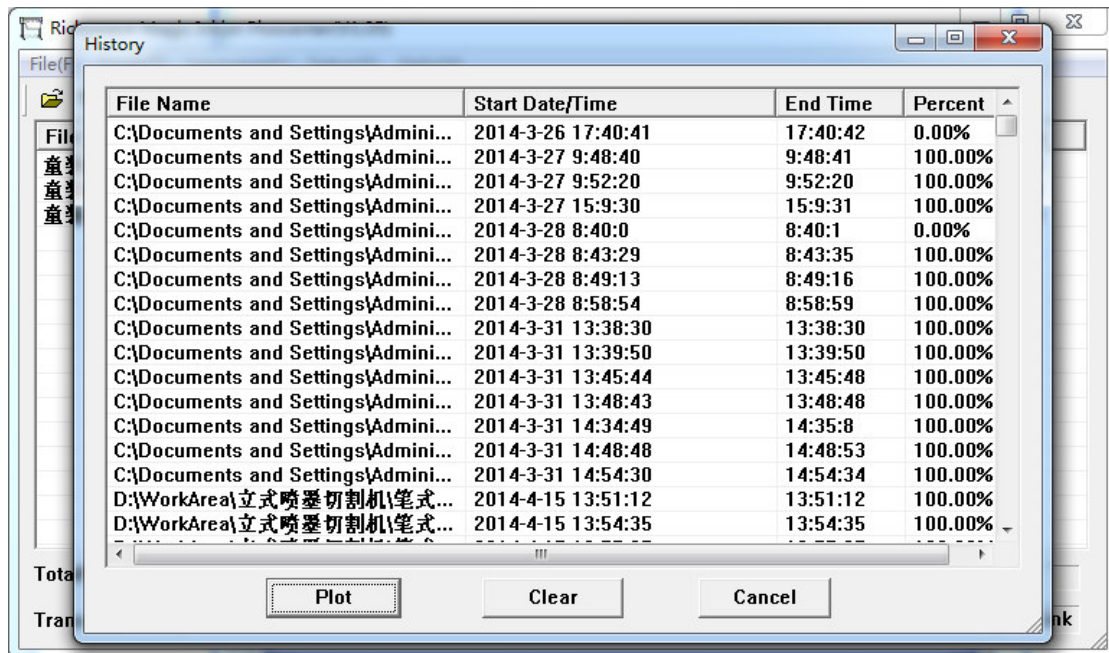
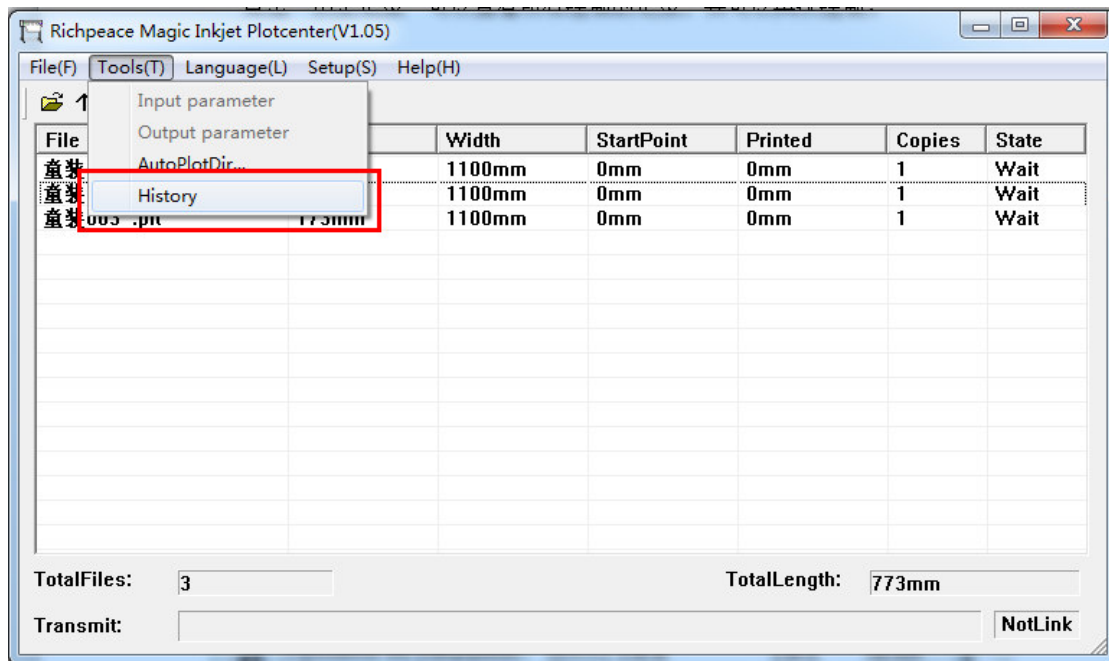
Click on the 'autoplotdir...'drawing directory can choose an arbitrary folder as a directory for automatic drawing, who is sent to the files in this folder are cut picture will be displayed and printed in the

center.



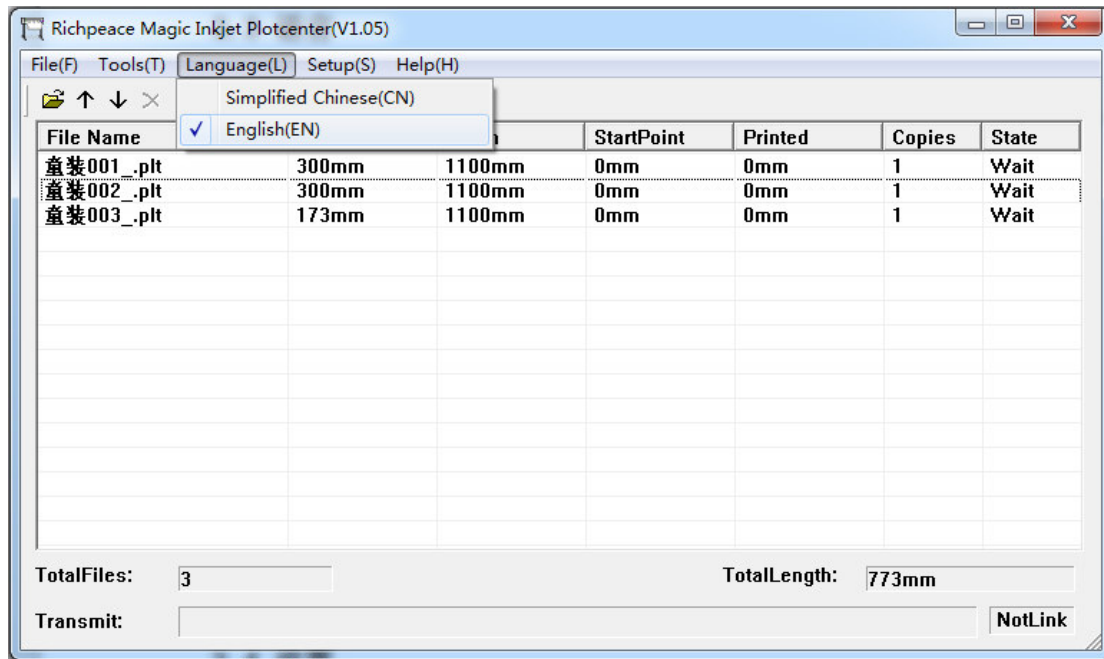
4. History

Click on the "historical" to view the records of all drawing, and can draw again.



2.3 Language

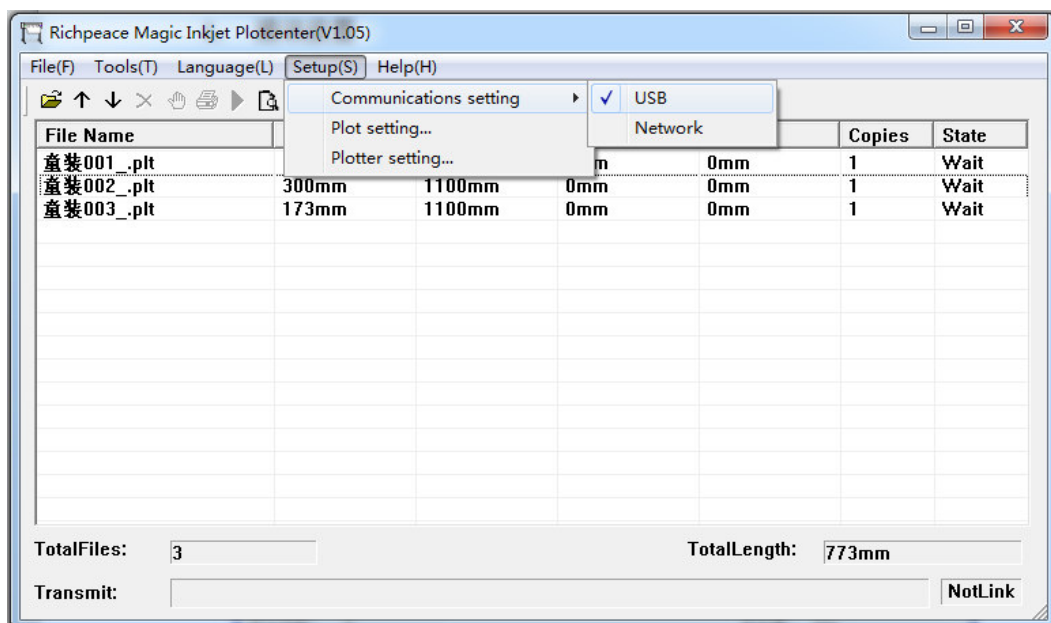
Cut_paint_center with a total of two kinds of language, Chinese and English.



2.4 Setup

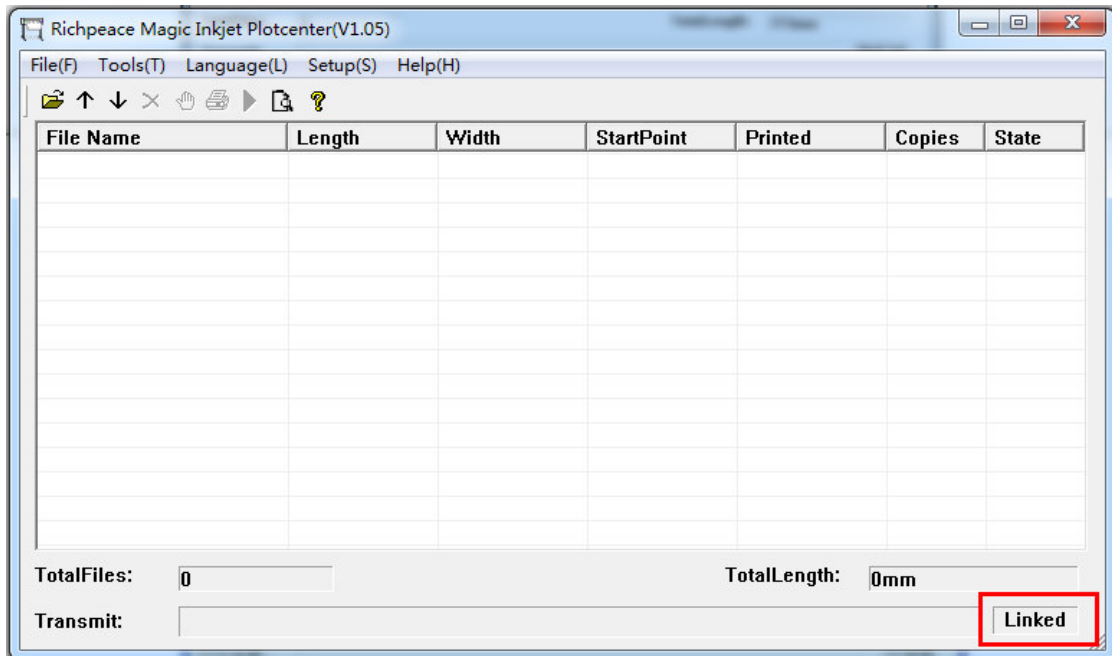
1. Communication Setting

The center of the cut_painting set of communication refers to the vertical_paint_cutting machine with a computer connection Settings, both must be set, or can not connect the normal communication. Two kinds of communication mode, front-end ports and USB, After the connection is good, in the center of the cutting drawing interface at the bottom right corner shows "connected" said vertical ink jet cutting machine connected to the computer is normal, can communicate to print.



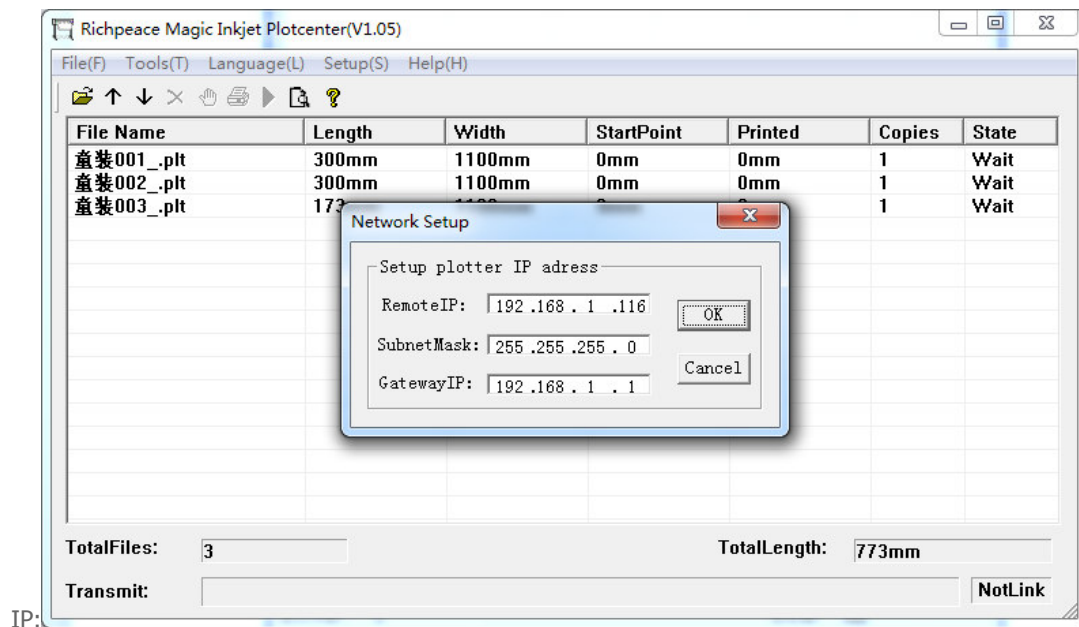
USB connection mode:

When using a USB connection, need to select the USB, and install the driver, after the success of the USB connection interface below.



Network connection mode:

In conjunction with the wiring, it is necessary to choose Ethernet port, and will pop up on the right side of the dialog box to set the



Cut_paint_center IP and vertical_paint_cutting machine IP must agree, that if the computer IP is: 192.168.1.116/255.255.255.0/192.168.1.1, Then the vertical_paint_cutting machine and cut the IP for the center is 192.168.1.116/255.255.255.0/192.168.1.1.

2. Graphics Settings:

Click "Setup" menu under "plot Settings" can get the following dialog:

The thickness of line width Settings: set the print line, the greater the number the more thick, 2 by default

Maximum width of paper width: can print

Paper length: set the cutting machine can accept single period of maximum length, maximum 1500



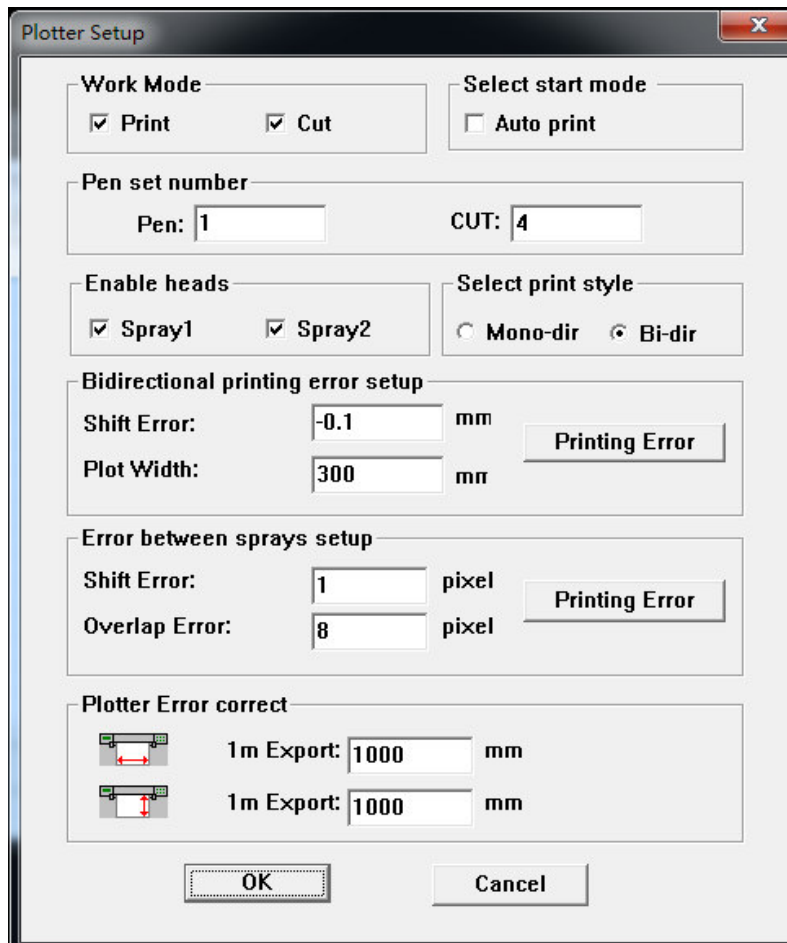
The image shows a 'Plot Setup' dialog box with a title bar containing a close button (X). The dialog is divided into three main sections: 'Use vector font', 'Setup Line Width', 'Paper Parameter', and 'Border and Space'. The 'Use vector font' section has an unchecked checkbox. The 'Setup Line Width' section has a 'Width' input field with the value '2' and the unit 'pixel'. The 'Paper Parameter' section has two input fields: '纸张宽度:' (Paper Width) with the value '1200' and unit 'mm', and '纸张长度:' (Paper Length) with the value '2600' and unit 'mm'. The 'Border and Space' section has three input fields: 'Right space:' with the value '0' and unit 'mm', 'Mark space:' with the value '0' and unit 'mm', and 'Plot space:' with the value '200' and unit 'mm'. At the bottom are 'OK' and 'Cancel' buttons.

Section	Parameter	Value	Unit
Use vector font	Use vector font	☐	
	Width	2	pixel
Paper Parameter	纸张宽度 (Paper Width)	1200	mm
	纸张长度 (Paper Length)	2600	mm
Border and Space	Right space	0	mm
	Mark space	0	mm
	Plot space	200	mm

mm.

3. Vertical_paint_cutting machine parameter Settings

Click "Setup" menu under "plotter setting" get the following dialog:



The image shows a 'Plotter Setup' dialog box with the following sections:

- Work Mode:** Contains checkboxes for 'Print' (checked) and 'Cut' (checked).
- Select start mode:** Contains a checkbox for 'Auto print' (unchecked).
- Pen set number:** Contains two input fields: 'Pen:' with the value '1' and 'CUT:' with the value '4'.
- Enable heads:** Contains checkboxes for 'Spray1' (checked) and 'Spray2' (checked).
- Select print style:** Contains radio buttons for 'Mono-dir' (unchecked) and 'Bi-dir' (checked).
- Bidirectional printing error setup:** Contains input fields for 'Shift Error:' (value '-0.1') and 'Plot Width:' (value '300'), both followed by 'mm'. A 'Printing Error' button is to the right.
- Error between sprays setup:** Contains input fields for 'Shift Error:' (value '1') and 'Overlap Error:' (value '8'), both followed by 'pixel'. A 'Printing Error' button is to the right.
- Plotter Error correct:** Contains two small diagrams of a plotter head. Each diagram has an input field for '1m Export:' with the value '1000' followed by 'mm'.

At the bottom are 'OK' and 'Cancel' buttons.

Select start mode: if the file is added to the print queue is used to set whether to need to press the start button to print, check the effective.

Work Mode: check the print, the print only the current file; Check the cutting, the cutting current file only; Print/cutting is checked, the printing first, then cut, only must remove cutting check when using a drawing function.

Select print style: "one-way" set vertical ink jet cutting machine printing tasks only to one direction when printing; "Two-way" set the vertical ink jet cutting machine printing tasks back and forth direction when printing.

Pen set number: specify the pen used to print, specify the knife used for cutting.

Enable heads: according to different to select the nozzle can be installed the cartridge.

Plotter Error correct: adjust the output precision of drawing.

Bidirectional printing error setup: adjusting the print head in movement error between the right and left.

Error between sprays setup: before and after the adjustment between adjacent nozzle around

2.51nk tools

[illegible]

: Open the file shortcut functions, can be directly add print cutting files;

: Will switch the selected waiting queue file forward until the first;

: Can be selected waiting queue file switch back until the last;

: To delete the selected waiting queue file;

: The suspension of those waiting queue files can be selected;

: Start to print;

: Print preview function;

: Help;

