C series

User Manual

Version：1.0
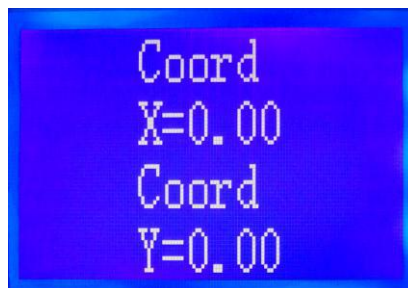
Content

Chapter 1　LCD Screen Introduction：

Flash

Work ?

Machine control method:

Coord
X=0.00
Coord
Y=0.00
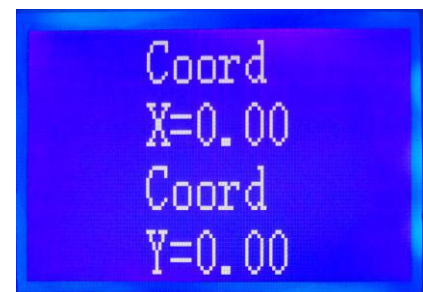
1.　　Power-on,　　　　　　　　　　the screen show as X and Y axis
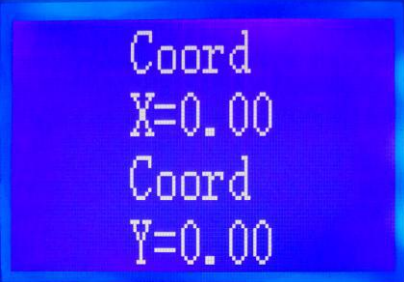
2.   Key operation

Panel description：

Reset button , Menu button ,
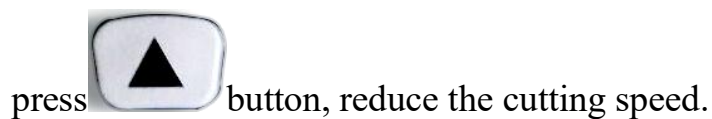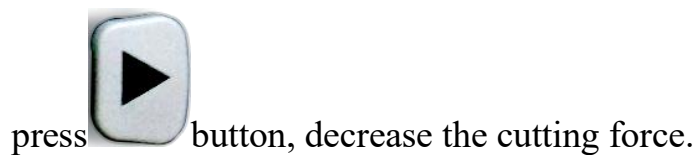
Repeated cutting button , Enter button ,

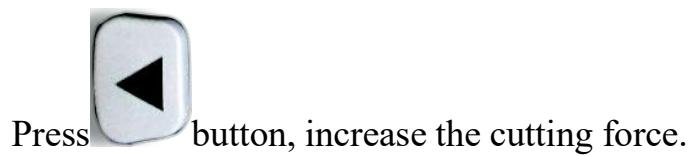Direction moving button X+, X-, Y+, Y-,

Origin button .
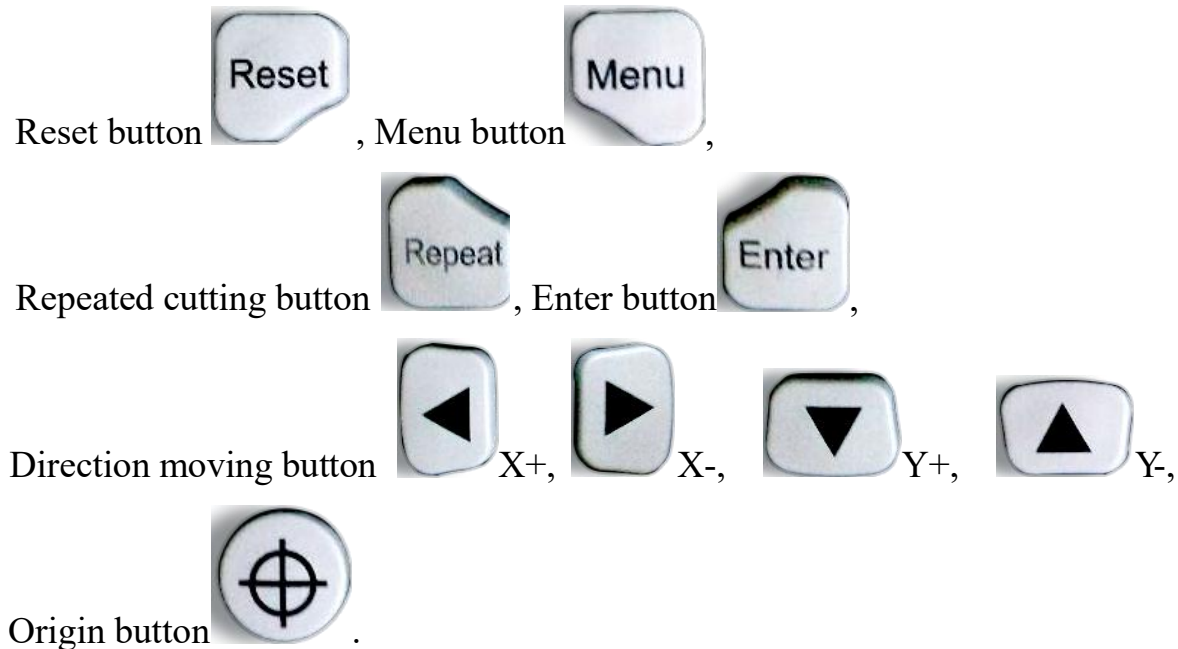
Chapter 2   Operating Detailed
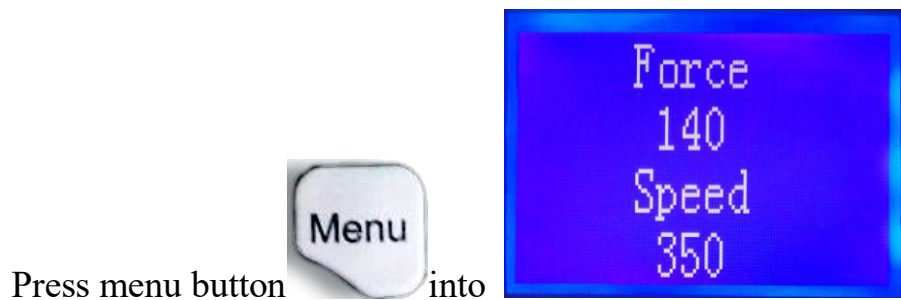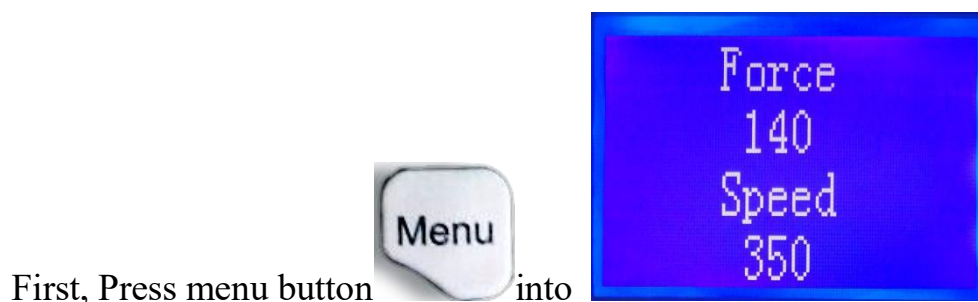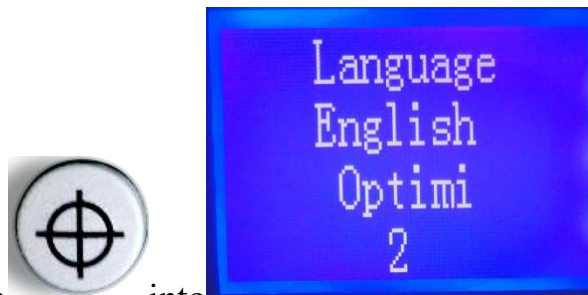
When the machine power on, it will show like , the information display area will show the number of X and Y axis, the X axis will returns to the origin position when the machine power-on again. Y axis will move forward a short distance. In the process of returning the X axis to the origin position, pressing any button on the keyboard , the X axis will be cancel returning to origin.

Section 1 Pressure and Speed（primary menu）

Press menu button ___ into ___ .

Press ___ button, increase the cutting force.

press ___ button, decrease the cutting force.

press ___ button, reduce the cutting speed.

press ___ button, increase the cutting speed.

After adjusting force and speed, press ___ for saving adjusted parameters.
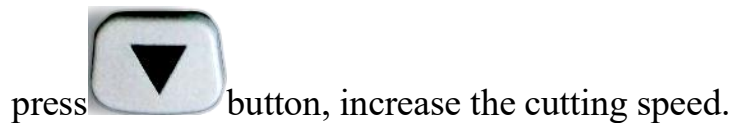
Section 2 Language and Optimization （secondary menu）

First, Press menu button ___ into ___

Then , press origin button into

(The factory setting of language is English, customer don't need to adjust it)

The optimized value is adjusted by direction buttons. Press for increase,
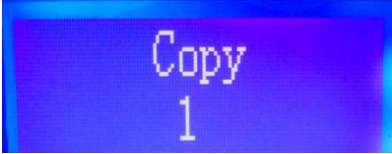
press for decrease.

The optimization values are described in the following table, the default value is zero.

Value	meaning	Usage condition
0	Air speed, cutting long line speed is fastest, not limited by speed regulation	When it is not necessary to drag the whole roll of material and the material that is not very thick and hard
1	When the value less than 1, the air speed and long line speed is not limited by speed regulation	When it need to drag the small roll material
2	When the value less than 2, the air speed and cutting long line speed is not limited by speed regulation.	When its need to drag heavy materials
3	When the value more than 2, the air speed and cutting long line speed are set by speed regulation	When cutting thick and hard materials

Section 3 Copy: Times of repeat cutting| and Mode: Go Home after working finished（third level menu）

Press menu button into , then press origin

button into .

 it represents the number of repeated cuts, press button for

increasing the number of repeated cuts, press button for decreasing the number of repeated cuts.

 it shows whether the cutting head return to origin point after

finish a cutting command, press and for different Mode value. When it is show 1, it means cutting head will return to origin position after working. When the number is 0, it means the cutting head will stop in the behind of end point.

Section 4 How to adjust distance between red laser dot or white laser dot and pen（Level 1 menu）

Press Menu button [Menu] to this page [Offset X=0.00 Offset Y=0.00], We can see the red laser dot or white laser dot out. Upload material and put pen on the cutting head of machine, press the pen for down and up moving, to make a ink dot on the material.

Then press [Repeat] button,screen display [Offset Set X=0.00 Offset Set Y=0.00],

Press four direction buttons [◀] , [▶] , [▼] , [▲] , to move the red laser dot coincide with the ink dot, if it can't coincide with the ink dot well, You can press the origin button [⊕] for more than 4 seconds, and switch to point motion.

The motion distance is 0.1mm, and the adjustment effect is more accurate.

Press [Enter] to save the set parameters.

Section 5 Cutting Proportion（Level 2 menu, it's good to keep factory setting if cutting work is good.）

Press [Menu] to the LCD interface

, press the origin button [⊕] to the LCD interface

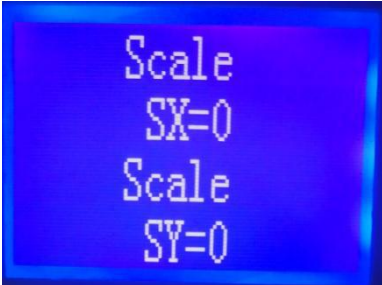, the factory setting is W=0.00/H=0.00.

When contour cutting occurs, a blip scan a mark and can't scan the mark,

press button [◀] , [▶] to adjust "■" value, press button [▲] , [▼] to adjust "*H*" value.

After Adjust the value of W/H to 0.00, press button [Enter] to save the settings.

Section 6 X, Y axis scale（Level 3 menu, please keep factory setting if the cutting work is good.）

Press button to the interface , press the origin

button to the interface , SX is the proportional

coefficient of X axis, SY is the proportional coefficient of Y axis. Factory default is 0, if the

cutting size is bigger or smaller than design size, you can adjust them by "Scale

Calculator".

Press increase proportion of   X axis.

Press decrease the proportion of   X axis.

Press decrease the proportion of   Y axis.

Press increase the proportion of   Y axis.

It needs to be set according to the actual situation. After adjustment, press to save the settings.

Section 7 Cutting from FLASH

The file sent from the computer will be automatically saved into the built-in FLASH every time, power off will not be lost and for repeated cutting. No need the computer to send it again. Press button to the interface .

Press button to start working on the last working file（Note: FLASH cannot save files more than the machine's cache space）.

Section 8 U disk Working

Put the PLT file into the USB drive and insert the USB drive into the machine,
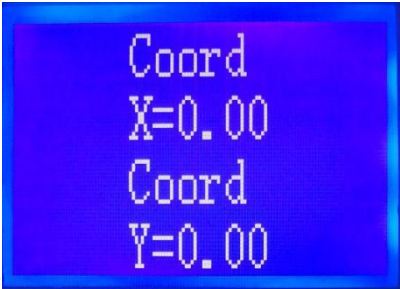
Press the button continuously ![Repeat] to the interface ![U Disk Work ?] ,

Press the button ![Enter] to the interface ![File Name 0:BOX-A] ,

Press 4 arrow keys to find the file you want to work on. The status display area displays

the file name and then press button ![Enter] starts to work.

If there is no file, the interface display ![File Name 10:null] .

Section 9 Pressure test

On the interface ![Coord X=0.00 Coord Y=0.00] Press the origin button ![origin button] , machine
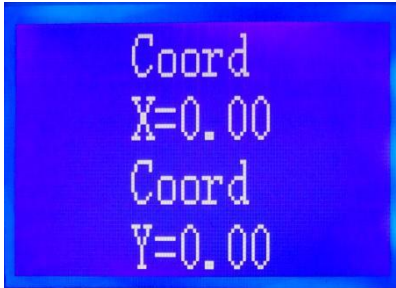
will cut a rectangle, Check if the rectangle can be completely torn off or not ,in order to make sure the right pressure and the length of the blade tip.

Section 10 Pause and Cancel during operating

LCD display when working.

Press button (the pause function) interface changes to ,

Press again button to continue work.

Press this button when in the pause working to cancel the present working.