

Cutting Plotter

T Series

User Manual

Version: 1.0

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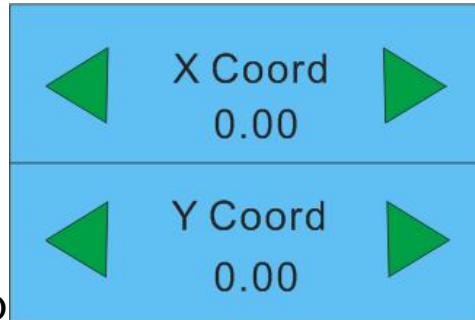
Charpter 1

LCD Screen Introduction:



Method of Machine Control:

1. Touch Screen Operating






On LCD, the  is the corresponding parameter adjustment button

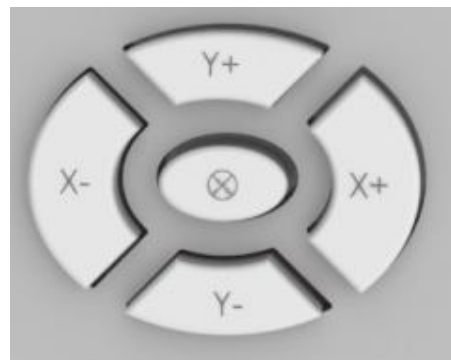
2. Key Operating

Panel introduction:

Reset button: , Pause button: , Menu button: ,

Repeat Cutting button: , Test button: , Enter button: ,

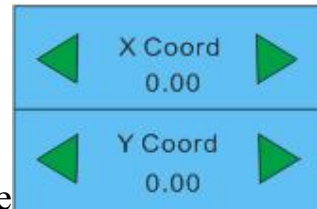
Direction moving, zero button:



X,Y zero button:



Chapter 2 Operation Detailed

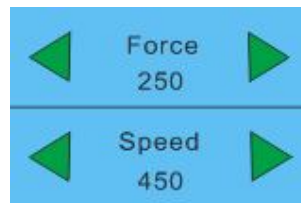


When turn on the machine ,LCD show like , the message show the coordinate of X-axis and Y-axis. X-axis goes to the original point of the machine when power on , Y-axis will go forward a little distance. press any button to cancel when X moving .

2.1.Pressure , Speed setting





Press menu button



goes to the interface ,




Press , Decrease the pressure.

Press ,  Increase the pressure.

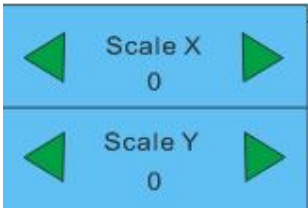
press ,  Decrease the speed.



press ,  Increase the speed.

After adjusting the Pressure or Speed, press  to save the settings.

2.2. X, Y axis scale

Press menu button 

goes to the interface , Scale X is the proportionality factor of X axis, Scale Y is the proportionality factor of Y axis. Factor default is 0, if there is an error in the plotter, You can adjust them.

Press ,  Decrease proportion of X axis.


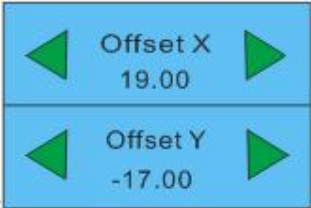
Press ,  Increase the proportion of X axis

Press ,  Decrease the proportion of Y axis


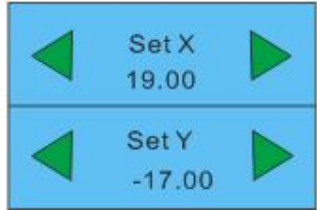
press ,  Increase the proportion of Y axis

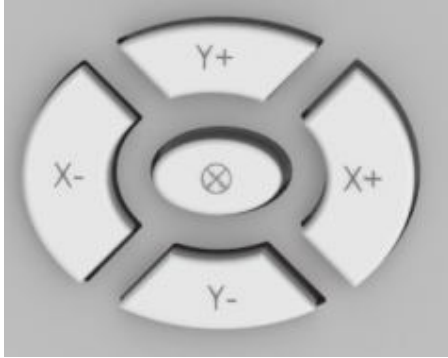
Then press  to save the settings

2.3.Distance between red dot and pen setting

Press menu button  goes to the interface ,


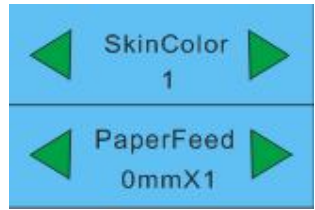
Fix the sheet and pen, and press the pen manually to make a dot on the sheet ,

Press button , LCD will display interface ,





Move the 4 direction keys  move the red dot to the pen point,

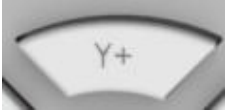

Press enter button  to save the value.



2.4.Skin of LCD and PaperFeed


Press menu button  goes to the interface ,

SkinColor show the background color option, PaperFeed is the param of pre-feed before working.

Press , , ,  can change the background color.



Press ,  increase the paper feed distance before working.

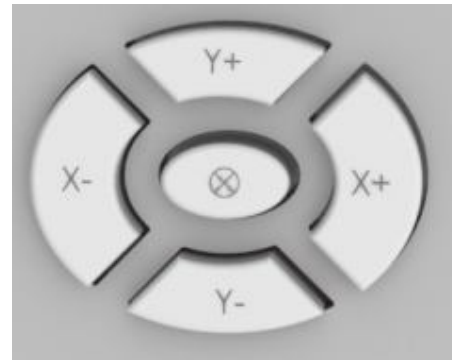
Press ,  decrease the paper feed distance before working.

Press zero button  can change the paper feed speed, have 1,2,3,4 level, speed is more fast when the number is bigger, press Enter button

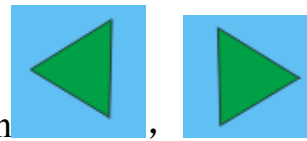
Then press  to save the settings

2.5. Times of repeat cutting , Step distance of jog motion


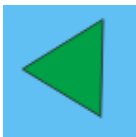
Press menu button  goes to the interface 





Direction keys on the panel are are continuous motion keys.



Direction buttons on the touch screen are jog motion keys, set the move distance here , default is 0.1mm.

, Press ,  decrease the repeat cutting times.


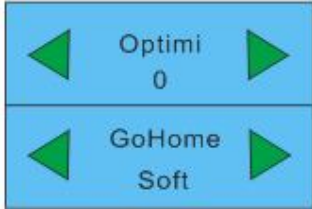
Press ,  increase the repeat cutting times.



Press ,  increase the distance of the jog motion



Press ,  decrease the distance of jog motion

. Then press  to save the settings

2.6.Advanced speed operations, Go Home after working finished

Press menu button  goes to the interface 

, press  ,  decrease the advanced data.

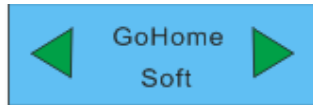
Press  ,  increase the advanced data.

The advanced remark , the default is 0.

Optimal	Meaning of value	Use condition
0	Idling speed, the fastest line cutting speed,no speed adjustment limit.	Don't need pull the whole roll material. Don't cut thick and hard material.
1	Idling speed, 1 grade lower line cutting speed,no speed adjustment limit.	When small roll material pulled necessary.
2	Idling speed, 2 grades lower line cutting speed,no speed adjustment limit.	When big roll material pulled necessary.
3	2 grades lower line cutting speed,adjusted by speed adjustment	When cutting very thick and hard material.

Press  ,  ,  ,  to change anyone

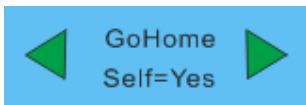
between these buttons.



indicate if return to the work-origin after the work finished by software controlled sent from computer.




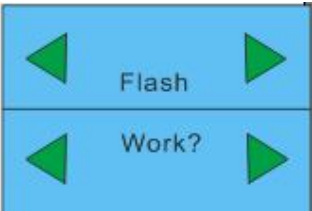
indicate not return the work-origin after the work finished by plotter controlled.




indicate return the work-origin after the work finished by plotter controlled.

2.7 Cutting from FLASH

The plotter has a built-in FLASH, Every file sent by computer will be saved in the built-in FLASH automatically. If it powered off, the file will not be lost, you can reuse it for cutting and no need to be sent by computer again.


Press  goes to the interface ,

Press enter button , to start working on the last working file. .


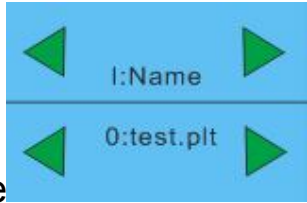
(NOTICE : The file for repeat cutting can't bigger than the cache of the plotter) .

2.8 U disk Working

Save the PLT. Files to U disk , then insert the USB U disk into the

plotter , press Repeat button continuously  goes to the interface

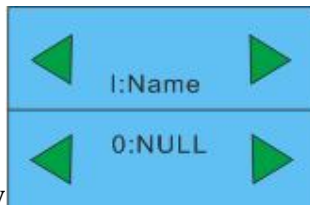


Press Enter button  goes to the interface ,

Press the 4 direction buttons to find the file which need to be worked ,

press button  to start working 。 If no files inside will

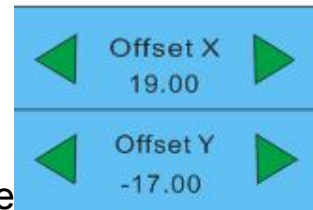
show



2.9 Test the distance between red dot and pen



Press button



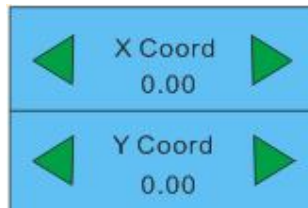
goes to the interface

Fix the sheet and pen and press pen to make a dot on the sheet.



Press button, the red dot will locate the dot automatically, if the red dot don't aim at the dot, It needs to be reset.

2.10 Pressure Test

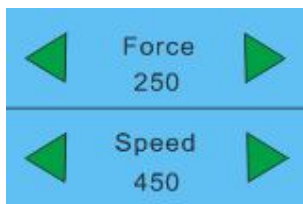


On the interface



Press button, Appliance will cut a rectangle, Check if the rectangle can be completely teared off or not in order to make sure the right pressure and the length of the blade tip.

2.11. Restore to factory default setting



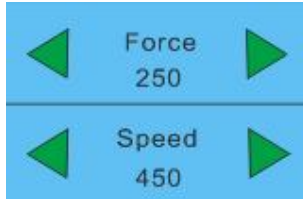
On the interface

,



Press , the settings will be restored to factory default settings.

2.12. Blade , laser test

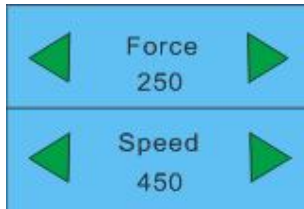


On the interface ,

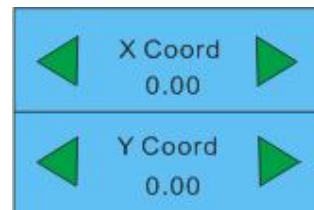


Press button , the red dot will be on and off by turns, and the carriage will go down and up by turns

2.13. Pause and Cancel during operating



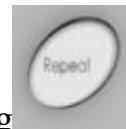
LCD display when working



Press , pause work , panel change to



Press again to continue work.




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

2.14. Fast quit to menu

When not display

◀ X Coord 0.00 ▶	◀ Offset X 19.00 ▶
◀ Y Coord 0.00 ▶	◀ Offset Y -17.00 ▶

,

press , will come back to the panel when start the machine as like

this

◀ X Coord 0.00 ▶
◀ Y Coord 0.00 ▶

.