SAGA-LABEL CUTTER

user manual

1.Lable Cutter Control Panel Instructions

1. **Reset**：reset the control system of cutter。Startup or press [reset]，the car will move to the track's rightmost , enter the offline status。LCD display"move X 0 /Y 0"，X is the Moving coordinate of the media，Y is the moving coordinate of the carriage.

2. **Move the location of media and car**：Press [online/offline] switch the status，on the offline status，press[up/down] move the media，press[left/right] move the car。Press[online/offline] ,switch the status to online and the car will go back to the location which display ever.。

3. **Set origin** ：one the offline status ，press[enter] set the current coordinate as working origin and into the initial state. Press the "Online / Offline" button to suspend work going offline work, shift manually, such as pressing the "OK" button is defined as the point of origin and processing, automatically reset to the current processing
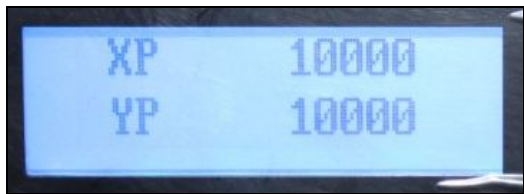
point, continue processing.

4. **Switching parameter settings menu：** In the online mode, press the "Settings" button to switch to set the parameters of the menu; press the "Up / Down" key to increase or decrease the parameters half the screen, press the "Left / Right" key changes in the parameters of the lower half of the screen displays; press "confirm "to save the current menu settings good health parameters (display reset or reboot after the saved parameters do not need to re-set; if not to save the setting parameters, reset or reboot after the display parameters before adjustment).

5. **Set the speed and pressure：** In the online mode, the screen displays "speed 1200mm / s   pressure 50g", press the button to increase the speed "up", press "down" button to reduce the pen speed, press the "Left" key to reduce the pressure, press the "right" key to increase the pressure ; press the "OK" button to save the parameter settings, press the "enter" health can test the current pressure; press the "option" key to return to the initial menu online.

6. **Test the pressure of the knife：** In the online initial menu, press the "Test" button, draw a self-test pattern; the machine work when transferring data, press the "Test" button to pause the job, and then press it again to work.

7. **Set the offset distance：** In the online mode, press the "Set" button to
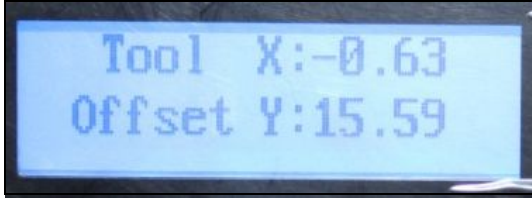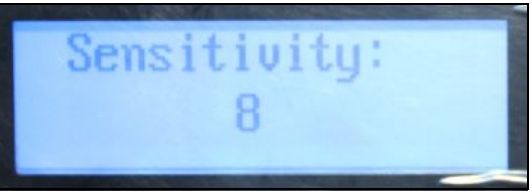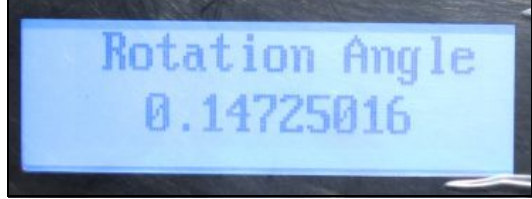
switch to the "Tool Offset" adjustment menu, the screen displays "Tool Offset: X 3.3mm / Y 18.8mm", press the "up" button to increase the X value, press "down" button reduce X value, press "Left" button to decrease the Y value, press "right" key to increase the value of Y; when cut contours with respect to the printed label pattern is shifted to the left, when the increase X, Y value until the pattern cutting the contour of the middle, so that the cut-out labels will achieve the best results. Press "OK" to save the current parameters.

8. **Set the serial transmission rate ：** In the online mode, press the "Settings" button to switch to the "Baud rate" adjustment menu, the screen displays "Baud Rate: / 38400", press "left / right" keys to select the parameters (a total of three 38400/57600/115200 parameters to choose from, the greater the value, the faster transmission of data); press "OK" to save the current menu settings parameters.

9. **Set Scaling：** In the online mode, press the "Settings" button to switch to the "Scaling" adjustment menu, the screen displays "XP 1000 / YP 1000", press the "up" button to increase the XP value, press "down" button to decrease the value of XP, press "Left" key to reduce the YP value, press "right" key to increase the YP value; when the actual size of the drawing and design size deviation, adjust XP / YP value can be scaled plot size; XP media corresponding direction, YP direction corresponds to the car; press "confirm "to save the current parameters.

a) **Read SD card files**：Put SD card into the SD card slot of the machine, in the online, press the "option" key to enter the root directory of the SD card, press "option" button to exit the root directory of the SD card; by "up" and "down " select file;" right "to enter the subdirectory,"Left "button to exit the current subdirectory;" OK "button to select a file to work.

2.Display Parameters

液晶屏显示 LCD Display	参数含义及用途 Parameter Meaning and Purpose
	Speed(Knife speed):display the speed Pressure(KnifePressure):display the force value
	Baud Rate:38400 Usually the default value, without changes
	overall scaling 1：XP width 2：YP lenght

Tool X:-0.63 Offset Y:15.59	parameter values offset 1：up and down offset 2：left and right offset
Sensitivity: 8	Red light parameter value: Adjusted according to the material of the reflective intensity of cutting, Reflective large and small values, reflective of small, large value
Rotation Angle 0.14725016	

3.Simple test operation

1. Calibration red light

Press [on/off line]，press [left/right]to move the car.，

press[Laser] ,open the red light，move the car to the location of

about 1cm up the mark point.

2.Select file

After adjust red light，press[Option],select the file which you

want in the SD card

3.input operation value

After select the file ，press[Enter] and display the operation value，

the default is 500 press[left/right]change the digit,press

[up/down]change the value。

After adjusted these parameters ,press[enter] the machine

begins work.

5. Adjust the force

During cutting，If not easily peeled off，press[Set] and select

parameter adjustment，adjust the force and press [Enter]。

6. Adjust X/Y

If you deviate from the pattern contour cutting，press[Set] and

select parameter adjustment，adjust the Y value，left add Y

value ,right decreases Y value. Up increase X value，down

decrease X value ,press [Enter] can operate the change

The parameter of speed can adjust when machine is working，and press [Enter] for operate your changes.。

NOTE：it also can adjust the parameter in the offline status ,but it have to Calibration the red light again .So we recommend adjust the parameter when machine working.