合肥润杰数控设备制造有限公司
HeFei Saga Computer Numerical Control CO.,LTD

Saga TM Trimmer

User manual



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2.1 Introduction of the screen

2.1.1 QTY set screen description



1.Screen display

① Quantity：

Front numerical value: The maximum cutting times can be set in a batch.

Rear numerical value:The quantity of media have been cut this batch.

②Length：

Front numerical value:The maximum cutting length in this order.

Rear numerical value:Adjust the offset parameters,when the cutting line of the trimmer excursion behind, the offset value should be set to positive.On the contrary,adjust the offset value to negative.Every 4 numerical value represents 1 mm in reality.

2. Menu

① Operation once:Enter the “F--B” (F--forth B--Back)screen.Load the media previously.

② Operation twice:Enter the “Mode” screen (Choose the “Auto” or

“Fixed”,refer to the 2.1.2 and 2.1.3)

2.1.2 Mode setting--Fixed screen description



①Quantity:Times that the cutting blade can cut.

②Length:The length of the cutting materials.

③Speed:X(The operating speed of the grit roller)=5

Y(The cutting speed of the carriage)=3

④Trim the space:Keep closing in the “Fixed” pattern.

⑤End point:The movement distance of the carriage each time.

Annotate:

1. After entering the default screen,adjusting the value by choosing the specified option,then press the “►►”, and the corresponding number will glisten.Choose the “▲” or “▼” to modify the value.If you need to adjust the front value,choose the “◄” to optimal ,then press the “Enter” key to save.

2. Speed option:The maximum of the X/Y is 5,the minimum of it is 1.

3. Trim the space option:Keep closing at the “Fixed” pattern.

2.1.3 Mode setting--Auto screen description



①Quantity:The cutting times of the blade and corresponding images.

②Length:The interval between two identified lines when color mark sensor works.(Without hand-operated adjustment)

③Speed:X(The operation speed of the grit roller)=5

Y(The cutting speed of the carriage)=3

④Trim the space:The cutting width of the black and white identified stripes.

⑤End point:The movement distance of the carriage.

2.1.4 Attention:

1. The black and white identified stripes need to be cut off during cutting.The width of the black and white stripes should be set as 1mm each,including 3 black and 4 white.The identified stripes are 7 in total,the whole width is 7mm.As a suggestion,the cutting width can set at 10mm at first,then modify it according to the cutting effect.(It does not matter that the front and rear of the media are cut inordinate slightly).

2. The light sensor can only use in “Auto” pattern.It will keep closing at the “Fixed”.

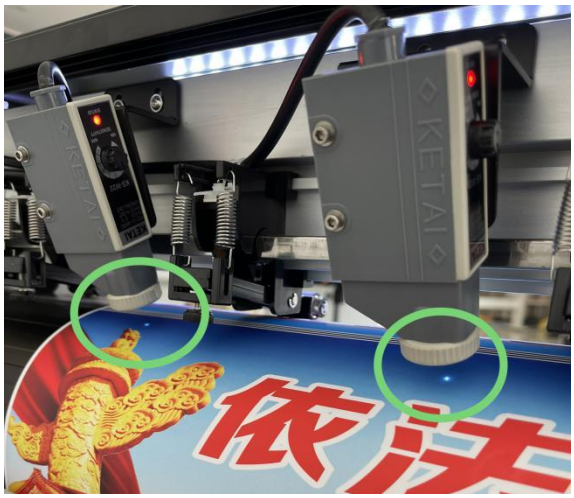
3. The three parameters can be modified in “Auto” pattern:End point(Carriage distance),Width(The width of the cutting identified stripes),Offset.

2.2 Basically adjustment

2.2.1 Light sensor

1.The choose of the color section when test the light sensor.

①Put the light sensor towards the area that neither black nor white,which means any colors except black and white is okay.



3. How to adjust the sensor?

①Twist the switch of sensor,adjust the red lamp until it turns light exactly.Please guarantee that the lamp is light cause it may off in rare cases.

②After modifying,move the black and white stripes on the media under two sensors.It indicates that the sensor have been adjusted correctly when the red lamp on sensors stroboscopic.



2.2.2 Offset adjustment

1、How can we do if the cutting position of the upper blade is wrong?

①Adjust the deviation in second queue on Length set screen.Press the

“Left”and “Right” key to control the positive or negative deviation value.Set the direction that media come out as front view.

②When the cutting position behind the identified stripes,move the cutting blade forward,which means the deviation should be modified to negative.(Benchmark line of the offset deviation bases on the identified stripe in front of the media where the materials come out.)

③Every 4 numerical value in offset deviation represents 1 mm in reality.

④When the cutting position in front of the identified stripes,the differences between the adjustment ways above is modify the numerical value to positive direction.

2.2.3 Cutting blade adjustment

1、When the material have been fold rather than cut on one side:

As the down below blade have been tested,adjust the upper blade when:

①The upper blade slacked.

②The installation standard is:Tilt the left cutting blade to left lightly,tilt the right blade to right slightly simultaneously.

Adjustment steps of the upper cutting blade:

①Disassemble the carriage shell.

②Use the Allen wrench that the diameter is 2.5mm to loosen the socket head cap screws on circular blade.

③Then control the left cutting blade to left and tighten,press the right cutting blade to right and tighten.s