

Practical Operation Skills of SUPVAN Tube Printer

How to adjust depth of cut

In the case of Half Cut Depth being not enough or Full Cut can not cut off completely, if not that the cutting blade is worn out, it is necessary to adjust the cutting depth of the printer.

Use the "Cut Depth" button,

***ref. to page 43, Chapter 5.21. 1-4 in the manual

This button conducts only minor adjustment, if the problem continues, use the following approach:

1. Before adjust cut depth, Please make sure tube or label pass the cutter first .
2. Press "Ctrl+Shift+Stop" at the same time, then you will see the screen of Pic 1.
3. Select the Depth that needs adjustment, both options are independent one another, for example, select **【Half cut】**

Pic 1

20	4	Cut	No	1	4	Label 12	A
[Zero adjust]							
Half Cut							
Full Cut							
En							

4. In Pic 2, select the printing material, Pic 3 Press **【Enter】** to load material, Pic 4 press UP and Down Arrow on the keyboard to input the depth value

20	4	Cut	No	1	4	Label	12	A
----	---	-----	----	---	---	-------	----	---

[Zero adjust]

Tube
Label
Shrink Tube
Plate (only on TP80E)

En

Pic 2

20	4	Cut	No	1	4	Label	12	A
----	---	-----	----	---	---	-------	----	---

[Half cut zero adjust]

Please load label

【Enter】 start, **【Esc】** exit

En

Pic 3

20	4	Cut	No	1	4	Label	12	A
----	---	-----	----	---	---	-------	----	---

[Half cut zero adjust]

Click the up arrow repeatedly to achieve ideal effect

【Enter】 confirm, **【Esc】** exit

Depth:

En

Pic 4

5. Below are the suggested value of the cutting depth with different materials:

Tube half cut value: 45
 Tube full cut value: 145
 Label half cut value: 75
 Label full cut value: 150
 Plate half cut value: 45
 Plate full cut value: 150

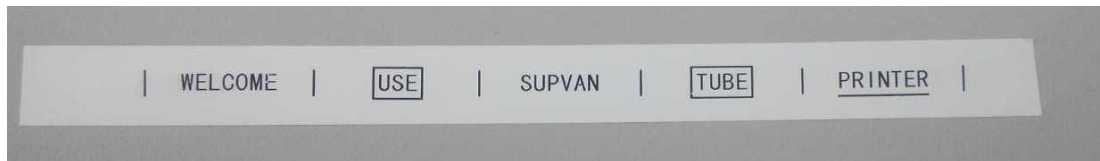
Those values are recommended initial value, If still not enough, then use the **【Cut Depth】** to adjust.

How to adjust segment length

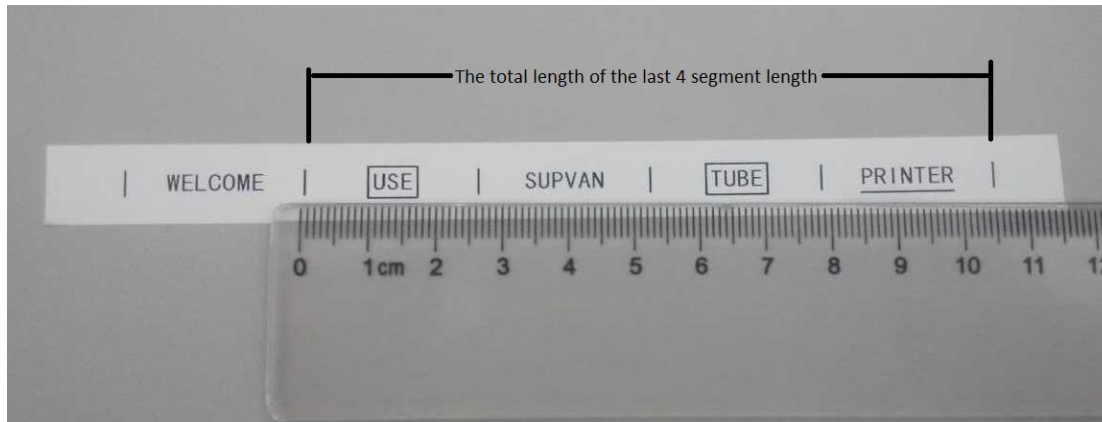
When the segment length is specified as 30mm, however, ruler measure after print, each segment is shorter say 28mm, this will mean that the segment needs adjustment.

1, Load the ribbon and label or tube first.

2, Press "Test" button, Select "Tube" or "Label" or "Shrink tube" Then the printer will print sample like below: It will print 5 segments separated by solid lines.



3, Use a ruler to measure total length of the last 4 segment length, Like below picture



4. On the screen it is now reading as the picture to right:

25	4	Line	No	1	4	Label	9	A
----	---	------	----	---	---	-------	---	---

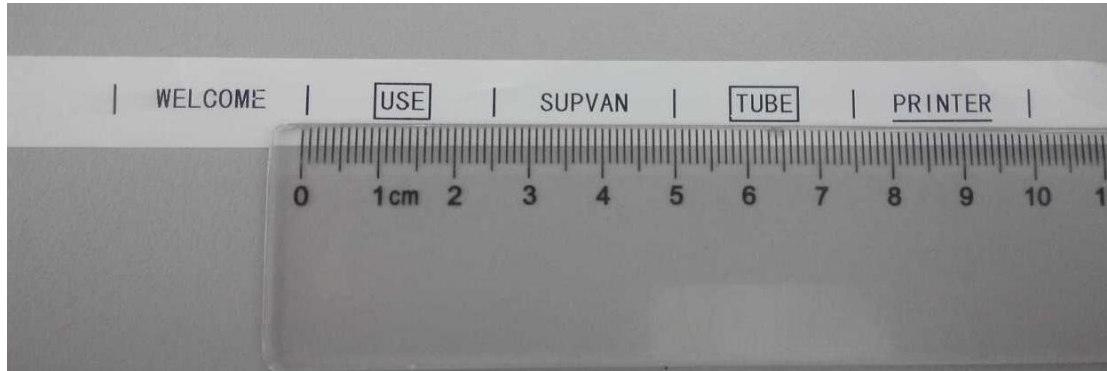
Measure the length of the last 4 segments of the test sample
measure value (mm):

En

5. Input the measure value "105"

Then the printer will tip you "Check the result?", select "Yes", The printer will print the sample again.

We use the same way measure the total length of the last 4 segment length. Like below picture, When we measure value is 100,that mean the problem solved.



How to solve print not in the middle problem

Sometimes when customer print, the print did not show in the center of segment. Like below picture. Now we need to guide the customer adjust.



1. Press "Margin" button, Select "Tube horizontal position"

25	4	Line	No	1	4	Label 9	A
Tube horizontal position							
Label horizontal position							
Shrink tube horizontal position							
Plate horizontal position							
Label (6mm) vertical position							
Label (9mm) vertical position							
Label (12mm) vertical position							
Plate (4.0mm) vertical position							
Plate (4.6mm) vertical position							
Plate (9mm) vertical position							
En							

2. The Screen will read as the pic to right.

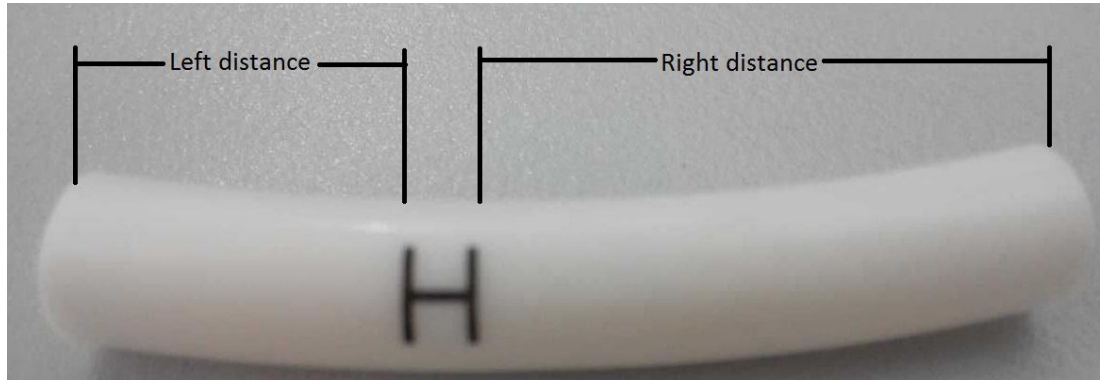
First thing is to neutralize the value, Check the "Current: -3.0" so we first need to input "+3.0" to make it back to neutral

25	4	Line	No	1	4	Label 9	A
Tube horizontal position. Adj							
-9.0 (right) to +9.0 (left)							
Current: -3.0							
New:							
En							

3. After above steps, we can create a segment input just Capital “H” letter and print it out. Then we’ll measure like the following pic and use the formula:

Inputting Value=(Left distance-Right distance)/2

**note: when inputting value, input together with the “+”“-”with the figures



For example: we measure left distance 6mm, right distance 10mm, calculate as (6-10)/2= -2.

This is the value that should be input into the machine, problem will be solved

Combination Keys

1. Ctrl+Shift+A :	Repeat priority/SEQ Priority	
2. Ctrl+Shift+Frame	Horizontal text/ Vertical text	
3. Ctrl+Shift+B:	Outlet detect sensor closed or open	
4. Ctrl+Shift+F:	Inlet detect sensor closed or open	
5.Ctrl+Shift+E:	Tube recognition(Only for new motherboard change)	
6.Ctrl+Shift+K:(TP80E only)	Single column display & Double column display	
7.Ctrl+Shift+ Arrow keys (Up, Down, Left, Right arrow button):	adjust the brightness and contrast of the LCD screen.	
8.Ctrl+Shift+Stop	Adjust full/half cut depth	
9.Ctrl+Shift+T	Label vertical print position adjustment	Code:06B68

How to Fix ribbon that ripped apart



1. There are two scenarios when the ribbon ripped apart, first is like the Pic 1, both ends visible, the other is like Pic 2, one end is inside the cassette thus not visible.

2. In the case of Pic 1, just use an adhesive tape to stick both end together, and tighten the ribbon as per the arrow on the surface of the cassette, rolling until the connecting knot into the cassette, the ribbon will be able to use again.



3. In the case of Pic 2, we could use some help from our label cassette.

Take a segment of label sticker, peel off a small bit of the bottom paper and cut it off



Insert it into the cassette to fetch the broken ribbon end

After getting it out back to Step 1 again



Note: Never never disassemble the ribbon cassette even the broken ribbon inside the cassette, Because once you disassemble it, maybe the ribbon cannot be use anymore.

