

# Super mute stripping and crimping terminal machine

## Operation instruction manual



## **Preface**

First of all, thank you for choosing our products. Our company not only provides you with good quality products, but also provides reliable after-sales service.

In order to ensure the safety of the person and the integrity of the machine, please read the instructions carefully before using this machine and pay attention to the precautions.

Workbook introduces in detail the structure of the machine, operation specification, maintenance, fault and troubleshooting methods, ect., if there is still any problem, please contact us, we will serve you wholeheartedly.

**(The final interpretation of this machine shall belong to the company)**

# Catalogue

## I Product function:

- a. function introduce

## II Operation introduce

- a. Panel operation
- b. Function debugging

## III Troubleshooting solution

## IV Precautions:

- a. operation note
- b. maintenance

## I Product function

### a. function introduce

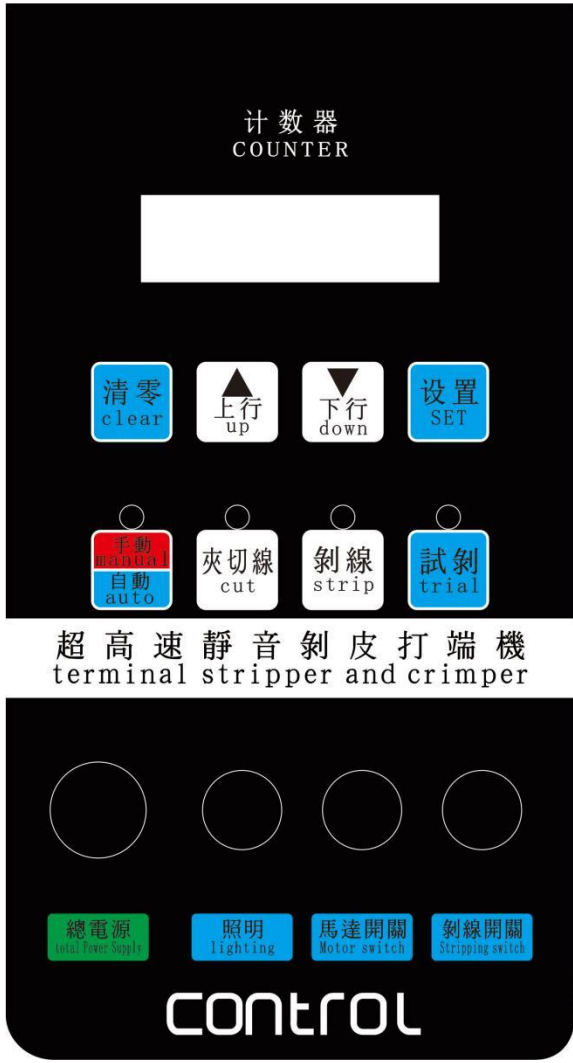
The machine adopts advanced electronic control technology, equipped with high precision control module and transmission mechanism, so that the skin can be completed in one time. Low noise, low power consumption and high efficiency. For the extremely thin line, the multi-core shielded wire processing has obvious effect. It can be applied to the terminal pressure connecting between 8square wires.

The machine is driven by cylinder, fast and accurate. The waste material after stripping adopts the vacuum suction method, clean, convenient, simple press is driven by the gear, the pressure is highly accurate. For raw hand operation, the machine can adjust the overall speed by adjusting the air valve, so as to adapt to the operator's proficiency.

Effectively reducing the processing procedure and work difficulty, improving the work efficiency is our purpose. We are willing to make progress together with all customers.

## II Operation introduce

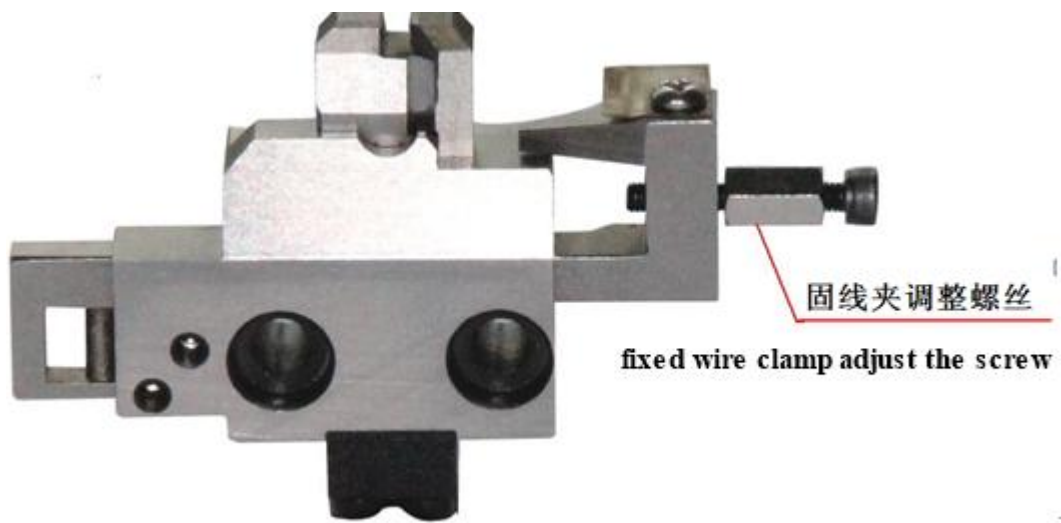
### a. Panel operation

<p>Panel operation</p>  <p>超高速静音剥皮打端机 terminal stripper and crimper</p>	<ul style="list-style-type: none"><li>● counter: record processing quantity and output;</li><li>● cleared key: counters are counted from zero;</li><li>● Up/Down key: adjust the slider up and down in the manual state so as to adjust the blade height;</li><li>● Set key: internal frequency modulation and has been set up at the factory;</li><li>● Automatic and manual key : change-over switch between manual debugging and automatic cycle work;</li><li>● Clamping and cutting wire key: when debugging machine, can be completed the action of cutting and clamping;</li><li>● Stripping wire key: in the process of the adjustment, the backward action after stripping can be completed;</li><li>● Peel test key: peeling action can be completed in the process of adjustment;</li><li>● Total power supply: power switch;</li></ul>
--	--

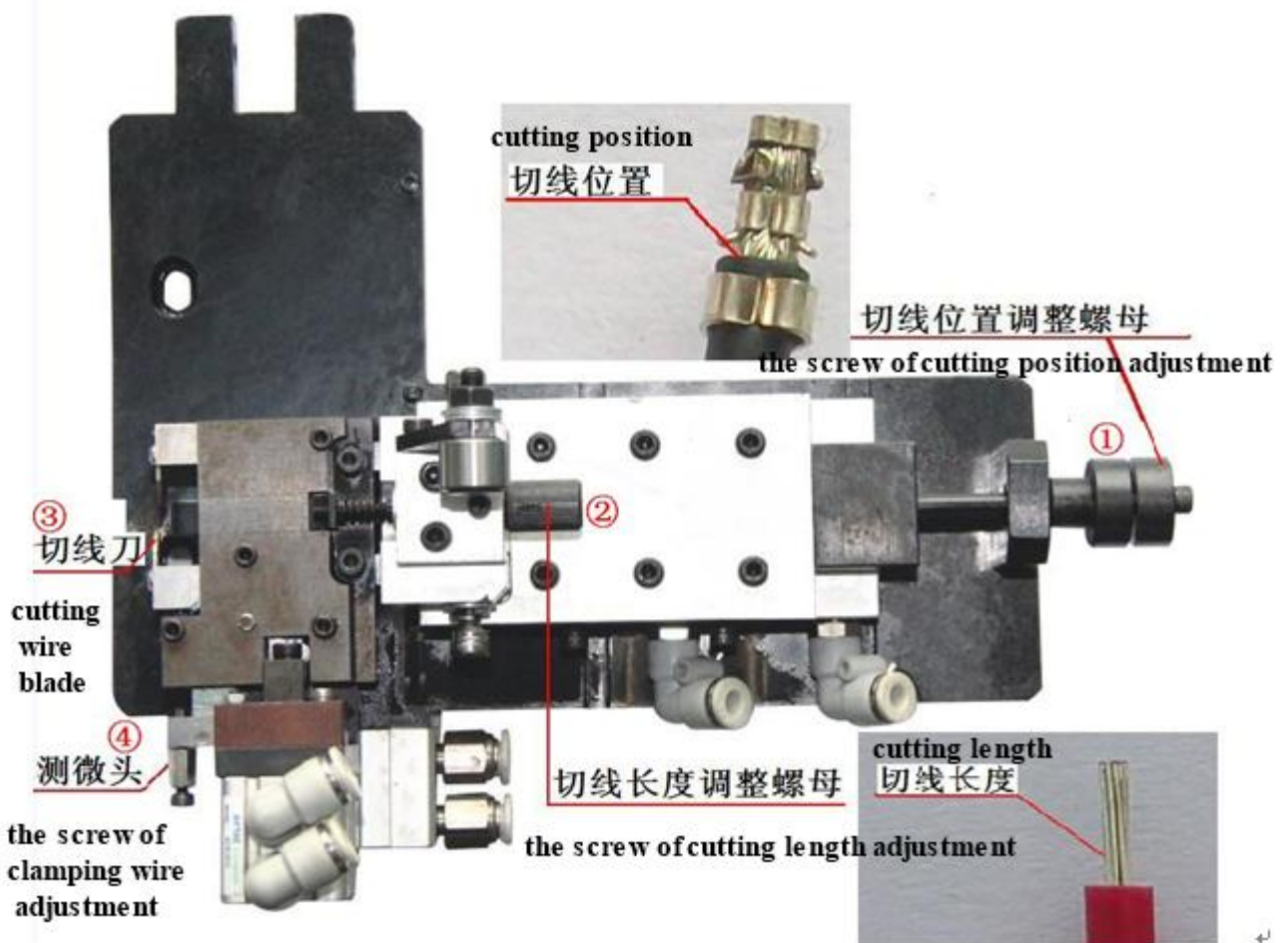
- Motor switch: turn on and off the motor actions;
- Stripping switch: turn on and off the stripping action, when you only need to press the terminal, the total pressure must be turned off, when the motor switch and the stripping switch are turned on simultaneously, the pedal can automatically stripping and crimping the terminal.
- Lighting key: lighting lamp switch.

b. function debugging

- Terminal mold adjustment: take out the mold, adjust the position of terminal and cutter holder to make the terminal hind and the core of cutter align, then adjust the length if feeding.
- Pressure adjustment: when the manual and automatic key light is red, press the up/down key directly, adjust the pressure height repeatedly until required. The total pressure switch must be turned off when debugging. When the stroke of punch is more than half, press the manual&automatic key, the indicator light is green, and the pedal stroke can reset automatically (back to the origin).
- Cutting length adjustment: adjust the screw as show in second picture figure ②, and then tighten the nut, press the clamping and cutting wire key to test.
- Cutting depth adjustment: adjust the screw as show in second picture figure ④, and then tighten the nut, press the clamping and cutting wire key to test.
- Fixed wire clamp adjustment: adjust the screw as show in first picture, and then tighten the nut, press the clamping and cutting wire key to test.
- Cutting position and the terminal adjustment: loosen the positioning screw as show in the second picture figure ①, when you have done the adjustment, tighten the screw, then crimp the terminal in manual state for testing.
- The peel test key can try peeling wire skin.
- Press the manual&automatic key, when the indicator light is green, you can press the foot switch to strip and crimp terminals automatically.



Picture (1)



Picture (2)

### III. A troubleshooting solution

Problem	Troubleshooting solution
The skin of wire can't be stripped	<ol style="list-style-type: none"> <li>1. check the cutting depth of the wire head and adjust the size of the blade to the right position;</li> <li>2. the cylinder pressure is not enough (can process the special power cylinder);</li> <li>3. check whether the stripping blade is sharp and whether you need to replace the stripping blade.</li> </ol>
The skin of wire after stripping is inclined	<ol style="list-style-type: none"> <li>1. check if the stripping blade is symmetrical or not, if it is not, you need to replace the blade;</li> <li>2. check whether the stripping device is in line with the clamping position, if there is deviation, it needs to adjust the position of stripping device and make it into a straight line.</li> </ol>
The stripping is deviation in length	<ol style="list-style-type: none"> <li>1. check whether the operator set the wire in right place;</li> <li>2. check whether the block slices of wire setting is loose, if it is loose, need to check the retaining screw is locked.</li> </ol>
The rubber coating of wire is not neatly	<ol style="list-style-type: none"> <li>1. check whether the clip is clamped tightly and adjust to the appropriate position;</li> <li>2. check whether the stripping blade can cut the copper wire, whether to pull the wire, and adjust the blade to the appropriate position;</li> <li>3. check to see if the screw of strip skid is locked and set to a suitable position.</li> </ol>
The clamp mark of wire is deep	<ol style="list-style-type: none"> <li>1. determine whether the clamp mark is caused by the core of blade, adjust the clamp to the appropriate firmness.</li> </ol>
Wire copper is cut off a few	<ol style="list-style-type: none"> <li>1. check the size of the stripping blade and adjust it to the suitable size;</li> <li>2. check whether the operator set the wire in right place;</li> <li>3. check whether the stripping device is in line with the clamping position, if there is deviation, it needs to adjust the position of stripping device and make it into a straight line.</li> </ol>
Stuck the terminal	<ol style="list-style-type: none"> <li>1. check whether the terminal and guide plate are original.</li> </ol>
Terminal stick the blade	<ol style="list-style-type: none"> <li>1. check if the terminal blade is damaged, if necessary replace the terminal blade;</li> <li>2. check whether the unloading material spring needs to be replace.</li> </ol>
Pressure instability	<ol style="list-style-type: none"> <li>1. check whether the terminal blades are locked.</li> </ol>
Feeding and cutting are unsteady	<ol style="list-style-type: none"> <li>1. check whether the feeding screws are locked;</li> <li>2. check whether the guide plate screws are locked;</li> <li>3. check whether the terminal passes through the guide plate smoothly and with clearance.</li> </ol>

## IV. Precaution

### 1. Operation note

1.1 Before crimping the terminal, make sure the air pressure is connected, and when the air switch is on, keep the stripping structure at the starting position;

1.2 Before crimping the terminal, the motor switch and stripping switch need to be turned on;

1.2.1 when the motor switch doesn't turned on, it doesn't work, only the stripping action;

1.2.2 when the stripping switch is not turned on, only the crimping terminal action, if just need the crimping terminal, must turned off the total pressure switch;

1.3 The slider must stop at the top level before crimping the terminal;

### 2. Maintenance

2.1 clean the machine every day, including the residue and keep the machine clean;

2.2 add lubricating oil to the sliding block and stripping sliding group of the machine every week;

2.3 draw off the water of air filter every day;

2.4 check the parts and screw of the machine, reinforce in time if loose.