

Automatic Fiber Stripping Machine

Model: ST-5000T

Operating Instruction



Simple introduction

The newly developed ST-5000T automatic fiber peeling machine is a new type of optical cable end processing equipment, which is based on the eagerness of optical fiber connector manufacturers to improve production efficiency and reduce the skilled manual emergence of optical cable end processing equipment. In order to solve the problem that the skin layer of optical fiber is usually peeled manually with wire peeling pliers, the diameter of optical fiber is 0.9mm, while the central glass fiber is only 0.125mm. When the fiber is peeled with ordinary mechanical clamp at room temperature, because the surface of glass fiber can not be touched, it is easy to damage the internal glass fiber, and the artificial denudation is low in precision, low in working efficiency and low in product quality.

Features of this machine:

1. The design of this machine is original and novel, the operation of the machine is in accordance with ergonomics, and it is suitable for automatic peeling 2 / 8 core banded fiber.
2. When the upper and lower heating methods are used, the epidermis is more easily separated from the peeling glass fiber coating.
3. The automatic peeling method is adopted to eliminate the influence of manual factors, and the performance is stable and reliable.
4. High production efficiency and no need for skilled personnel.
5. The waste after stripping has a special receiving box to collect, which ensures the cleanliness of the production site.

** Thank you very much for using our products and would like to make more valuable comments and suggestions. **

Pre-statement

First of all, thank you very much for using our equipment.

Before using this machine, be sure to read this instruction. This machine belongs to electrical products. It shall comply with the safety matters and pay enough attention to the safety. The machine shall be used correctly. The wrong operation and use method can cause other accidents or shorten the service life of the equipment. Therefore, it is to be noted that this instruction should be kept properly after reading.

The local warranty period is one year (from the date of delivery). If the machine caused by the quality cause in one year can't work normally or abnormal conditions, please contact the after-sales service center of our company. (Note-The tool is not in the scope of this warranty)

The following are not covered by the warranty:

1. Damage caused by improper use by the user;
2. Causing damage caused by self-removal of the machine;
3. The use of power supply voltage does not comply with the regulations;
4. Caused by force majeure.

After the warranty period, the replacement parts and accessories shall be replaced with the appropriate cost. The user can check the machine to our company. I can also send the maintenance personnel to the company. In addition to the warranty period, the travel expenses of the company's personnel shall be borne by the user. The user can contact us by phone or E-mail, QQ, WeChat, so that we can better serve you.

I. main parameters

Length and width height	net weight	source	power rating	pressure	output
420*330*240	15KG	AC220	420W	0.5~0.6Mpa	>600pcs/H

size of product	fiber-stripping length range
2 to 8 cores	5~40

II. Structure description and working principle

1. The machine main frame adopts a novel and unique technical scheme, so that the whole machine is light and convenient to operate and is in accordance with the human engineering. It is shown that the oxidation of the anode improves the corrosion resistance of the metal to long-term exposure to air. The parts with high rigidity requirements of the machine are made of high-strength steel. Make sure that the machine is non-corrosive and durable. The external shield shows that the spraying environment-friendly paint is safe and non-toxic,

2, the machine mainly through compressed air to provide power, the whole operation process using single-chip microcomputer precision control to complete the pressure line, stripping and collection of waste processing process, in this machine can be easily completed (do not need skilled workers), everyone to improve production efficiency, and good product consistency.

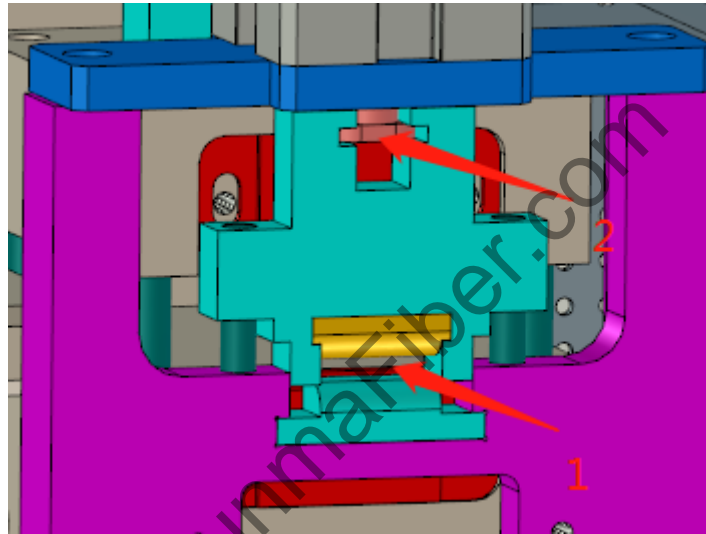
III. Operation Instructions

First connect the power cord to the three-pin jack on the side of the machine and connect it to the mains supply; Connect the compressed air and confirm whether the air pressure is between 0.50.6Mpa.

IV. Adjustment method

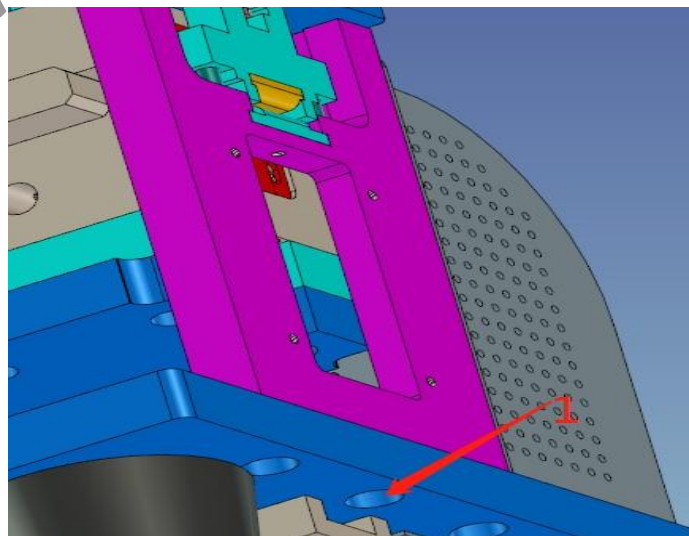
The source must be turned off and off before calibration!!!

1, wire module adjustment: put the optical fiber to 1 from the input port, then press the manual screen from the main interface on the touch screen, and then click on the pressing switch to see if the optical fiber is loose. Adjust the bottom of the cylinder The compactness of the compression material is up and down of the screw teeth in 2 places.

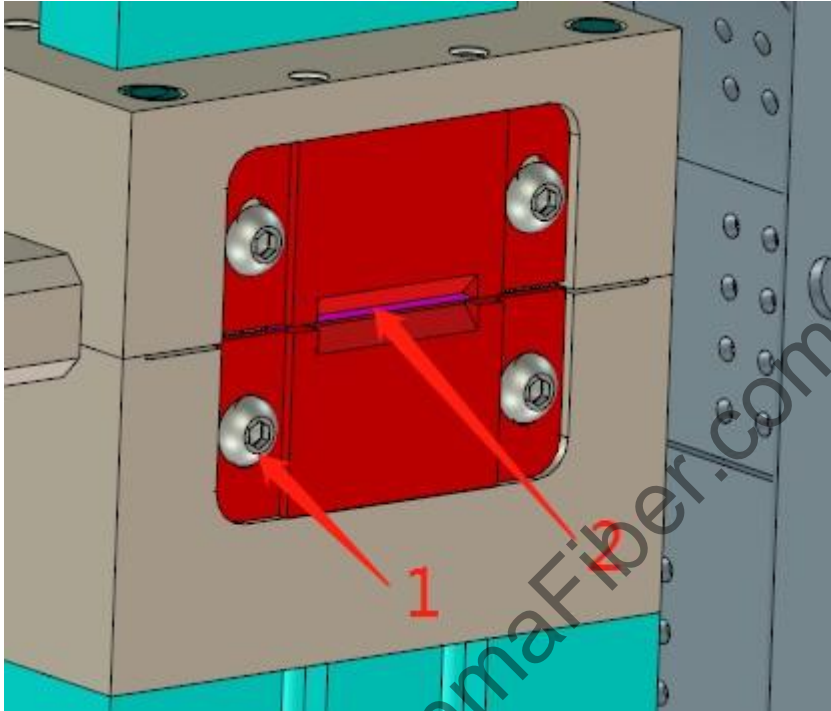


2. Knife adjustment

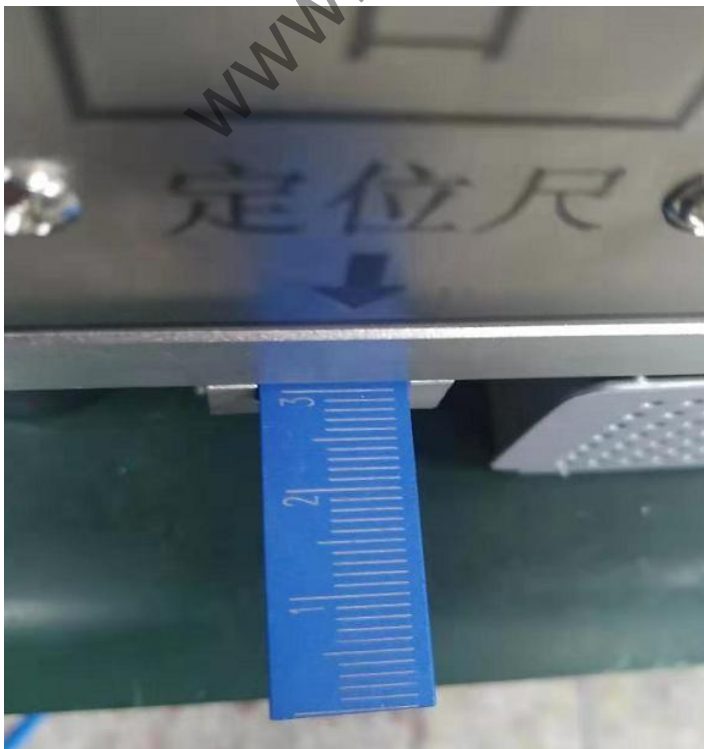
(1) Loosen the 3 M6 screws on the base plate with a 6-angle wrench and take down the line support.



(2) Loosen the four M4 screws at the base to adjust the distance between the upper and lower knife edges. The normal operation of the lower knife is good (no need to be re-adjusted). When the outer skin is peeled, the upper knife will be fine-tuned while the glass fiber is cut and the upper knife is fine-tuned. The upper and lower knife-edge distance of the standard is about 0.13 mm.

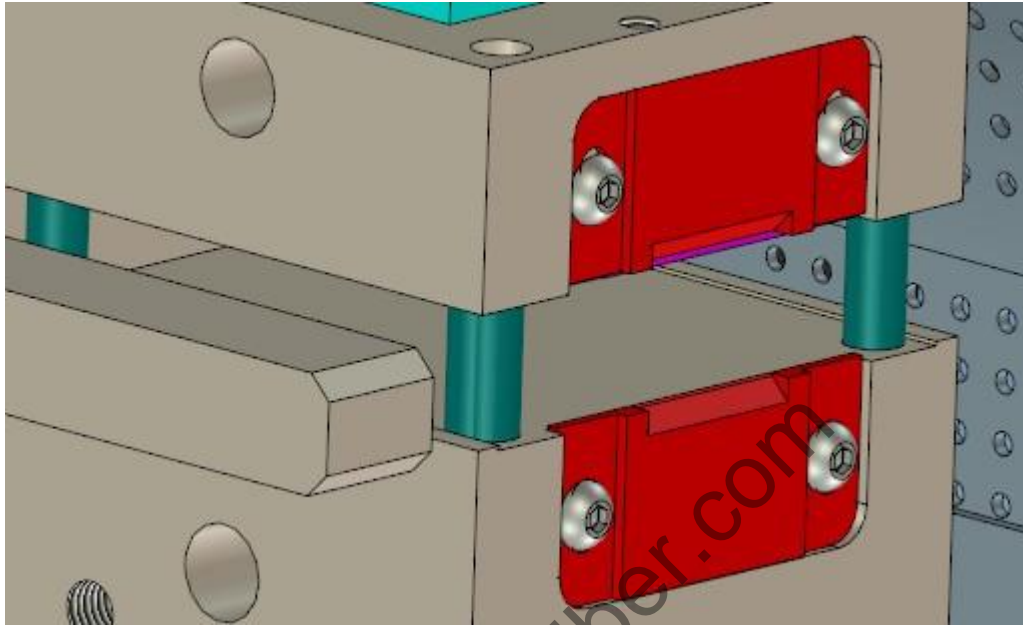


3. Measurement of the length and length of the stripped fiber



4. Upper pressing block guide post

Note that the guide column adds oil (MACHINE oil) once a day while working



5. Temperature control: because the material difference is generally 50°C ° .



V. matters needing attention

1. This machine is suitable for air pressure between 0.5~0.6Mpa;
2. Input voltage is AC220V
3. During the operation. If the machine is abnormal, turn off the power supply, and ask the mechanic to carry out the repair or debugging in a timely manner;
4. The non-designated personnel are strictly prohibited to debug or disassemble the components without permission, and the two persons are strictly prohibited from operating the machine at the same time, so as not to happen;
5. The specified person will close the air source and the power supply during the replacement of the tool or the commissioning process!
6. In the operation, the power of the machine and the air source are not disconnected, and the finger or any part of the body is prohibited from entering the clamp or the cutter, so as to avoid the occurrence of an industrial accident;
7. In the operation, if you need to leave the job, you must turn off the power to leave.

VI. Maintenance and maintenance

1. Please use compressed air after drying by dryer;
- 2, after the peeling machine works for a period of time, due to the vibration of the machine, the fixing screw of the machine may be loosened, so attention should be paid to the inspection and tightening to prevent loosening.
3. Add proper amount of lubricating oil or grease to the fixed assembly of slide rail and guide column movement part on a regular basis

Warranty card for after-sales service

User unit		Contacts	
Contact number		Address	
Purchasing time			
Device name			
Unit name			
Equipment number			
	Unit seal:		

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