VECTECH372 Automatic tin breaking machine

BREAK SOLDER-WIRE MACHINE

Make use Say

Bright

book

Thank you for purchasing our automatic tin breaking machine. Please read this manual carefully before use, and keep it properly after reading it for future reference.

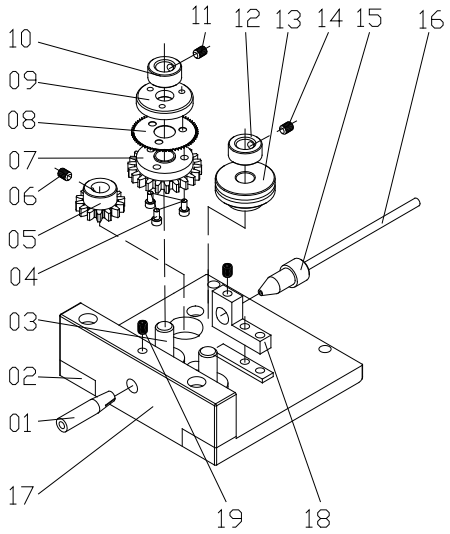
4. Take off**Driven gear (07)element**with**Secondary driven wheel (13)element**,The driven gear and the secondary driven wheel components must be removed at the same time. Hold the driven gear and the auxiliary driven wheel components at the same time, and then move them slowly upwards along the shaft until they move out.

5. replace**blade(08)** Use an Allen key to loosen**Driven gear**Up 3 A**Driven gear hexagon socket fixing screws (04) ,** Take down one by one**Blade pressure plate (09)**with**blade**, And then replace the suitable**blade**.

6. Assembly**Driven gear (07)element**,Assemble in the opposite direction of disassembly.

7. **Driven gear wheel (07)element**with**Secondary driven wheel (13)element**installation,**Driven gear**with**Secondary driven wheel element**Must be at the same time**axis**on. will**Driven gear**of**blade**alignment**Secondary driven wheel**Notch, will**Driven gear**Tooth alignment**Driving gear** The tooth mouth is then smoothly sleeved on the shaft. will**Locking cap**Put in order**Driven gear**with**Secondary driven wheel**On, then use **Lock screw**Lock tightly.

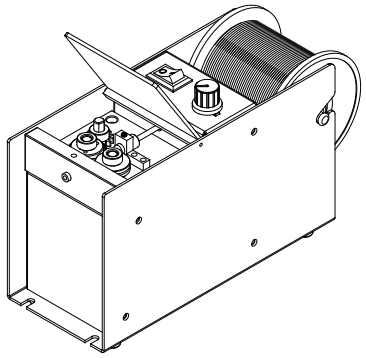
8. **Out of the tin positioning sleeve (01)**installation,will**Out of the tin positioning sleeve**Pass through the tin-out positioning hole on the out-supporting plate, close to the blade, **blade**To insert**Out of the tin positioning sleeve**On the notch and then move forward to approach**Secondary driven wheel**, But can't touch**Deputy slave wheel**. After moving in place, use**Lock screw**Lock**Out of the tin positioning sleeve**,The installation is complete.



Serial number	name	Quantity
19	M 3X 4 locking screw	1
18	Out of the tin tube bracket	1
17	Support plate for tin-out positioning sleeve	1
16	Into the tin guide tube	1
15	Out of tin	1
14	M 3X 4 locking screw	1
13	Secondary driven wheel	1
12	Locking cap	1
11	M 3X 4 locking screw	1
10	Locking cap	1
09	Blade pressure plate	1
08	blade	1
07	Driven gear	1
06	M 3X 4 locking screw	1
05	Driving gear	1
04	M 2X 6 hexagon socket screws	3
03	axis	2
02	Support plate	1
01	Out of the tin positioning sleeve	1

I. Overview

This product has the functions of punching and breaking tin and automatic tin feeding. The tin-breaking, punching and tin-feeding are automatically completed, and the operation is simple and convenient. In the process of conveying the solder wire, the blade punches the tin wire to form evenly spaced holes on the tin wire, so that the flux is released through these holes during the normal soldering process to prevent the "tin burst" from being caused. The flux splashes and solder balls are used to avoid the pollution and poor contact of many electronic components, especially sensitive components.



Two, use attention

⚠**caveat:** ***The saw teeth of the tin-breaker blade are relatively sharp. During use, be careful to prevent accidents (such as:***

Cut finger)

⚠**note:**

1. Please avoid the abuse of this tin breaking machine, and use this product in accordance with the operating instructions. Make sure
2. that the power supply voltage used is consistent with the working voltage of the machine.
3. Do not get the machine wet. Do not use or disassemble the tin-breaker when your hands are wet, and do not pull the power cord forcefully. Do not
4. tamper with it without authorization.
5. Do not perform any work other than tin-breaking, hole-punching, and tin-feeding.
6. The tin-out positioning tube and the tin-in positioning sleeve need to be cleaned regularly to prevent clogging. Do not use metal tools for cleaning. When
7. replacing parts, the original factory parts should be used.
8. This product uses a three-wire grounding plug, which must be inserted into a three-hole grounding socket. Do not change the plug or use an ungrounded three-head adapter to make the grounding poor. If you need to extend the wire, please use a grounded three-wire power cord.
9. Children do not know the dangers of electrical products, please do not Use or store this product where children can reach.

3. Product specifications

Work rate: 6W

Input power: 110V 50/60HZ

Applicable tin wire diameter:0.6mm,0.8mm,1.0mm,1.2mm

Dimensions: 76(Width)×107(High)×168(long)mm

weight: 1.7kg

Note: * Please indicate the diameter of the tin wire when ordering.

* ***Machines suitable for tin wire of different specifications can be customized.***

Four, product characteristics

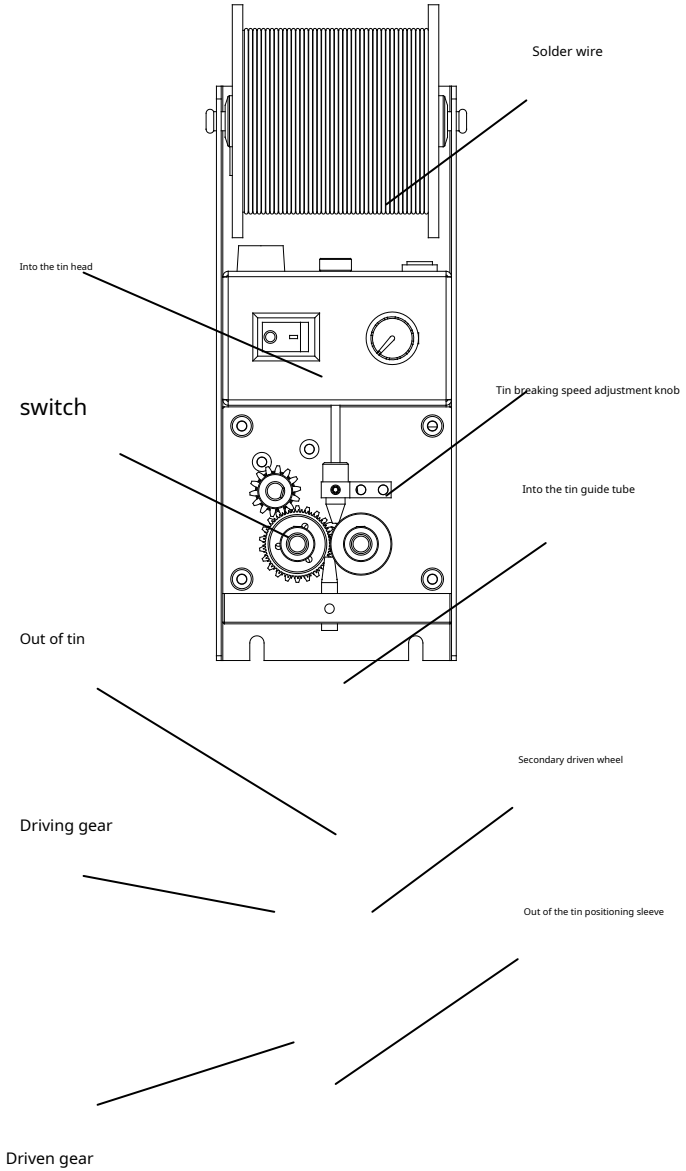
1. Fully automatic tin output, simple and convenient operation.
2. Automatic micro-hole tin breaking to prevent tin explosion in the welding process.
3. It can be used alone as a hole-breaking tin hole.
4. The tin output speed is steplessly adjustable, suitable for the needs of different occasions.
5. Anti-static design can prevent sensitive electronic parts from being damaged due to static electricity.

Five, operation

1. Confirm that the power supply voltage used is consistent with the working voltage on the label on the back of the machine. Confirm that the blade used matches the specifications of the solder wire, such as0.6mmThe blade can only be used for cutting 0.6mmSolder wire. If you need to replace the blade, please refer to "VI. Parts Disassembly and Assembly".
2. Check the installation and connection of each component, and then insert the power plug into the socket.
3. Turn on the power switch on the machine (POWER) , Adjust the tin breaking speed of the tin breaking machine to the minimum.
4. Straighten the solder wire from the middle**Into the tin head**Insert so that the solder wire enters**Into the tin guide tube**And then enter**Out of tin**; After reaching a certain position, **Driven gear**Start and**Secondary driven wheel**It starts to rotate and drives the solder wire after the broken tin into the locating sleeve. Finally, the solder wire will automatically move from**Out of the tin positioning sleeve**come out.
5. When the solder wire from**Out of the tin positioning sleeve**After it comes out, turn the speed adjustment knob to adjust the proper tin-out speed as needed, and then start the normal tin-breaking and hole-drilling work.
6. When you need to use solder wire with broken tin perforated, you can cut it**Into the tin positioning tube**Solder wire at the end. When removing the solder wire, do not use excessive force to prevent the solder wire from breaking.
7. If the solder wire breaks when the solder wire is removed, use an Allen key to loosen it and fix it**Out of the tin positioning sleeve**The screw, and then move it out in the direction of the tin**Out of the tin positioning sleeve**, And then clamp the solder wire with tweezers, and take out the broken solder wire.
8. If you use a foot switch (optional), insert the foot switch plug into the foot switch socket on the back of the machine. Then turn on the power switch. If the foot switch is not released after the foot switch is triggered, the gear will start to rotate. At this time, the solder wire can be inserted and the machine will be turned on.

   Begin to break the tin and perforate, and work continuously. If the foot switch is released, the machine will stop working.

⚠ **Note: Please use up the solder wire after breaking the tin and punching holes as soon as possible to prevent failure.**



Six, component disassembly and assembly

Different specifications of solder wire must use different specifications of blades, therefore, the appropriate blade must be replaced before using different solder wires. Refer to the following diagrams to disassemble and assemble parts.

1. When replacing the tin wire or the blade, the tin inlet head, the tin inlet guide tube and the tin outlet head are integrated and do not need to be moved or disassembled.

2. Move back**Out of the tin positioning sleeve (01)** . use1.5mm Loosen the hex wrench to fix**Out of the tin positioning sleeve**The locking screw (19) **,**
   Move to the direction of the tin**Out of the tin positioning sleeve**, Make it inaccessible**Driven gear and blade**.**Out of the tin positioning sleeve**There are notches on both sides of the device. When moving, be sure to move it out slowly in a straight line to avoid damage**blade**.

3. Remove fixed**Driven gear (07)**with**Secondary driven wheel (13)**of**Locking cap (12)**,use 1.5mm Loosen the hex wrench to fix**Locking cap**of**Lock screw**, Then remove**Locking cap**.