



Auto Tape Dispenser

User Manual

Model: USS-ZCUT13



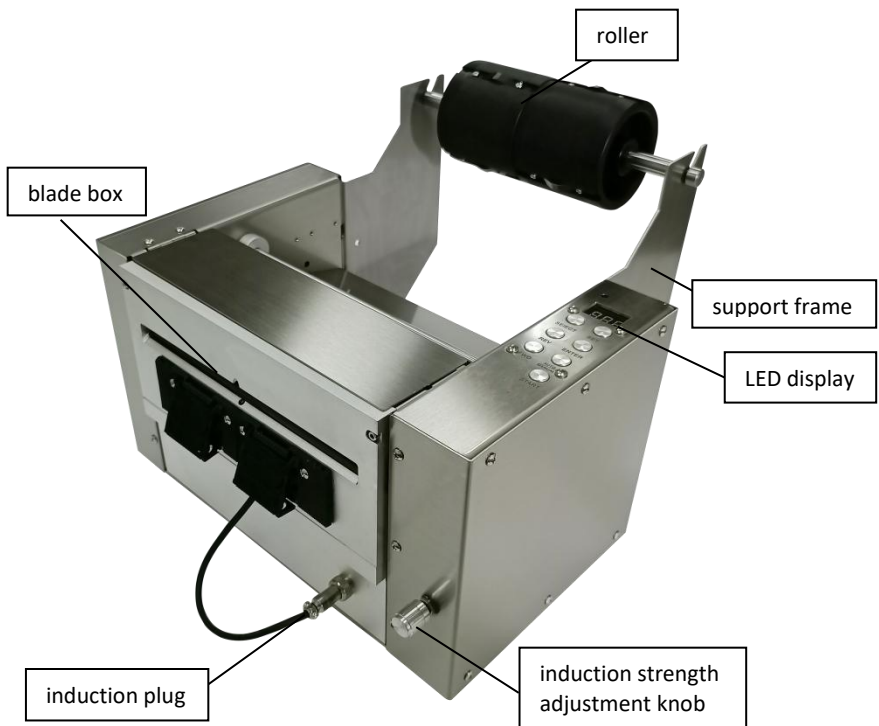
This manual should be made available to all users of this equipment. For best results, and for maximum durability of the equipment, carefully read and follow all instructions.

For questions or concerns, e-mail service@ussolid.com, visit www.ussolid.com,
or call (800) 243-5428

I. Precautions

- Please make sure that voltage is matched with the required voltage.
- Change from "Auto" working condition to "Manual" condition, please press AUTO/MANUAL key for over one second.
- Do not disassemble the machine randomly; it may result in the inferior precision and blockage.
- The blade is very sharp. Please be careful and use tweezers to remove the tape, and do not put your fingers into the blade box.

II. Parts Description



- The LED window displays the set cutting length;
- After setting the length in automatic mode, the machine will automatically feed and cut the tape;

- Can cut various types of adhesive and non-adhesive tapes, but it is not recommended to use strong adhesive tapes such as double-sided tape and fiber tape;
- The photocell switch detects the tape;
- The stepper motor ensures high cutting accuracy and fast cutting speed;
- Adjust the induction strength according to different lighting environments. In auto mode, if the tape does not come out, the induction strength needs to be increased. If it keeps cutting, the induction strength needs to be lowered.
- One machine can be used simultaneously in dual workstations;
- The stainless steel casing is durable and long-lasting.

III. Technical Parameter

- Input voltage: AC100~240V, 50/60Hz
- Total power: 70W
- Tape width: 0.79-7.87 inches (20-200 mm)
- Cutting length: 0.79-39.33 inches (20-999 mm)
- Tape feeding speed: 50HZ / 44points , 60HZ / 47 points (100mm long)
- Max. Roll Diameter: 11.8 inches (Ø300 mm)
- Applicable Tape Inner Diameter: 3 inches (75 mm)
- Dimension: 325 * 335 * 270mm (W * D * H) 12.8 x 13.2 x 10.6 inches
- Weight: 22 lbs (10 kg)
- Environment temperature: -5°C~40°C
- Environment humidity: < 80%RH

IV. Key Function Description

- Power Switch

Turn on the power switch and the machine will work in manual mode.

- LED Display

Show the length of the tape to be cut. The unit is mm.

- SET Key

Start setting the length for tape cutting.

- SELECT Key

To set the length, press the SELECT key to choose between units, tens, or hundreds.

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■ ENTER Key

After setting the length, press the ENTER key to confirm. The number will stop blinking at this time.

■ REV Key

Function 1: In the setting state, press this key to increase the number.

Function 2: In the manual state, press this key to rewind the tape.

■ FWD Key

Function 1: In the setting state, press this key to decrease the number.

Function 2: In the manual state, press this key to advance the tape.

■ AUTO/MANUAL Key

Switch between AUTO and MANUAL mode. In AUTO mode, the green indicator light will illuminate; in MANUAL mode, the indicator light will turn off.

V. Operation Steps

■ Setting Length

1. Please note that the length setting can only be adjusted in manual mode.
2. Press the SET key, and the units digit on the LED display will start flashing.
3. Press the REV or FWD key to switch between numbers 0-9. Select a number to set the units digit.
4. Press the SELECT key, and the tens digit on the LED display will start flashing.
5. Press the REV or FWD key to switch between numbers 0-9. Select a number to set the tens digit.
6. Press the SELECT key, and the hundreds digit on the LED display will start flashing.
7. Press the REV or FWD key to switch between numbers 0-9. Select a number to set the hundreds digit.
8. Finally, press the ENTER key to complete the length setting.

■ Cutting Tapes in Manual Mode

After setting the length, press the START key to cut in manual mode.

■ Cutting Tapes in Auto Mode

Press the AUTO/MANUAL key to switch the machine to auto mode , then press the START key to cut in auto mode.

- The installation and removal of tapes can only be done in manual mode, and the steps for installing tapes are as follows:
 1. Switch the machine to manual mode.
 2. Install the tape roll on the roller. Pull the tape end out from the roller, thread it through the clamp axis, and paste it to the feed wheel(If you are cutting a non-adhesive material, please use a tape to stick its end to the feed wheel.). Press the FWD button until the tape stops at the blade box opening.
 3. Press the START button to start cutting. The cutting mode can be selected as manual or automatic.

VI. Trouble Shooting

Fault phenomenon 1: The tape shows a continuous cutting phenomenon.

Cause of the malfunction:The distance between the photoelectric sensor and the tape is too large.

Solution:Adjust the feeding device to allow the tape to be closer to the photoelectric switch.

Fault phenomenon 2: The tape cannot be cut.

Cause of the malfunction:The cutting blade is not sharp or deformed.

Solution:Replace the blade.

Cause of the malfunction:The blade spring is loose.

Solution:Adjust the blade spring to fix screw.

Fault phenomenon 3: The tape wrinkles.

Cause of the malfunction:The tape was not laid flat when it was applied to the feed wheel.

Solution:The tape should be laid flat on the feed wheel before pressing the FWD key to manually output the tape.

Fault phenomenon 4: Blade jammed.

Cause of the malfunction:The blade pushing device may be loose or stuck.

Solution:Remove the blade box and inspect the blade pushing device.

VII. Maintenance

1. It is recommended to turn off the power when the machine is not in use temporarily. This model has a memory function, so there is no need to reset it after restarting.
2. Check the cleanliness of the photoelectric sensors of the cutting components daily. You can use a cloth dipped in a small amount of alcohol to wipe them.
3. Apply a few drops of lubricating oil to the transmission components and bearing positions every week.

VIII. Warranty

The machine has a 1-year warranty. This warranty covers any defects in materials or workmanship under normal use.

Within 30 days from the date of delivery, U.S. Solid will either work with you to get your product working by providing replacement parts, replace the product after receiving the returned defective machine, or accept a return for a full refund.

After the first 30 days but still within 1 year from the date of delivery, U.S. Solid will send new or refurbished replacement parts at no charge, allowing you to repair the product if necessary.

