



Carousel Tape Dispenser ZCUT-2 INSTRUCTION MANUAL



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 1-800-243-5428

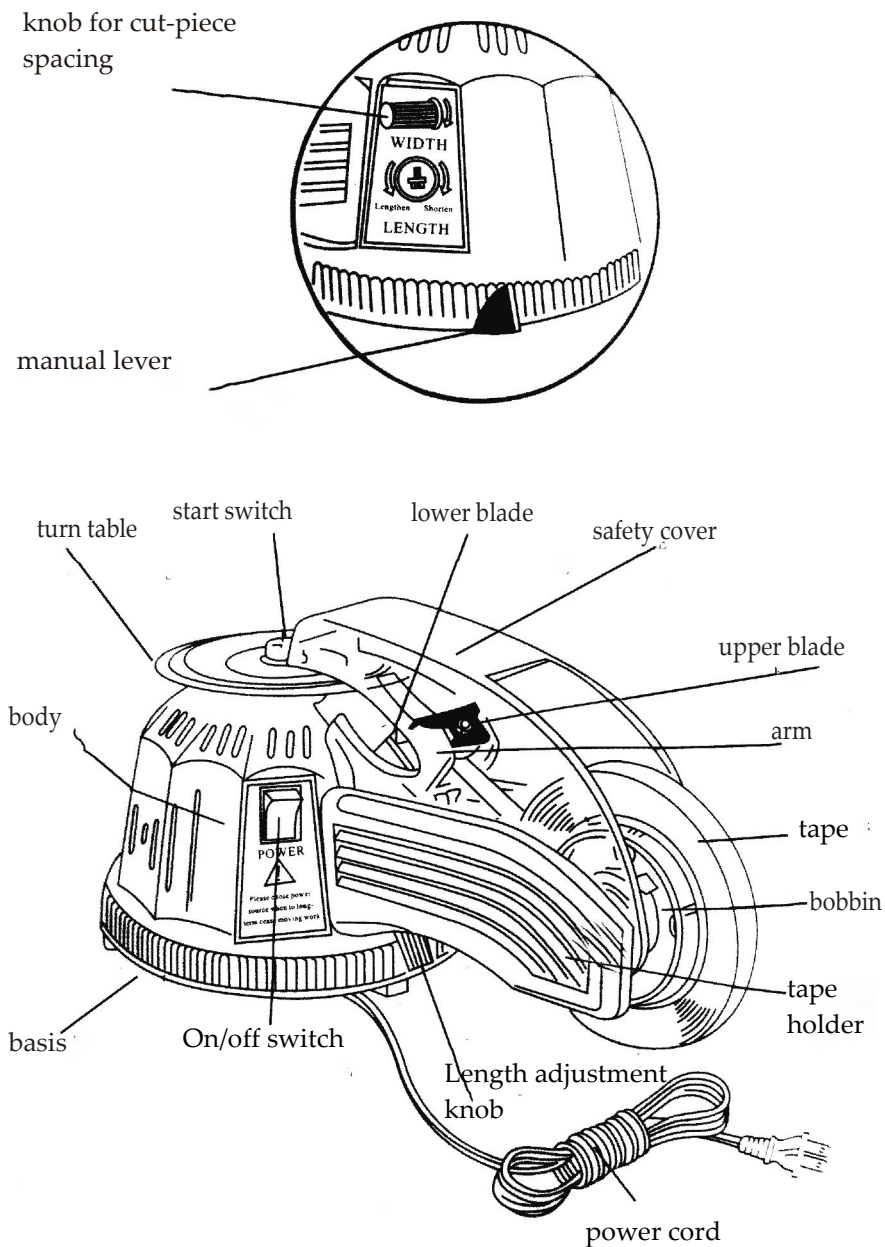
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DE 76953804

I. ZCUT-2 Overview



II. Precaution

Read Before First Use

Thank you for buying Auto Tape Dispenser model ZCUT-2.

Please read this Instruction Manual carefully.

For your safety, keep this Instruction Manual for reference and troubleshooting.

Warning

- 1) Make sure the POWER SWITCH is "OFF" when you set the tape.
- 2) The blades are very sharp, so please close the safety cover during the operation. Without safety cover, the Tape Dispenser CAN NOT be used.
- 3) If there are dirties or oils on the disk, the tape can not be adhered to the disk well. So please keep the disk clean with dry cloth. If there is a mass of dirty, please clean the disk with benzene or alcohol.
- 4) Do not operate the machine without loading the tape. The blade may be worn away.
- 5) The tape dispenser is designed for industrial use. (It is not recommended to use at home. Do not use around children.)
- 6) Always remove the tape from the machine when you are finished with the operation. Leaving the tape in the machine may lead to a build up of adhesive on the part, or cause the tape curl.
- 7) Do not use this machine for anything other than its specified applications. Use of the machine for any unintended applications can cause injury to the operator or failure of the machine.

III. How to Set the Bobbin

- 1) Make sure the POWER SWITCH is off.
- 2) Choose the right size Bobbin(69) for the tape to be used on the machine. Note: Internal diameter has 3 options, 25mm(1"), 32mm(1.5") and 75mm(3"). Outside diameter is up to 130mm.
- 3) Load the tape on the bobbin and make sure it feeds from the top of the roll. Also make sure the tape roll is pushed against the flange of the bobbin.
- 4) Pull out approximately 100mm of tape from the spool and insert the bobbin into the Tape Holder(15).

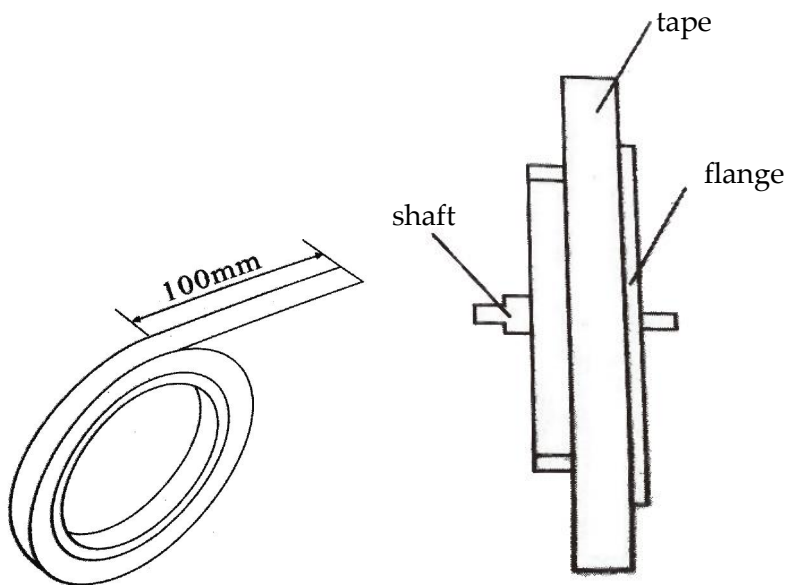


Figure 1

IV. How to Set the Tape

- 1) Make sure the POWER SWITCH is off.
- 2) Open the safety cover(14). Move the Arm Frame(42) by swing the Manual Lever(66) from one side to the other side repeatedly.
- 3) Set the position of the blades until as if they are going to “bite” the carousel. See Figure 2.

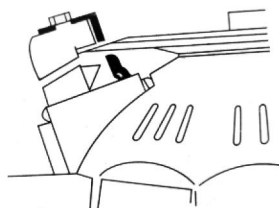


Figure 2

- 4) Bring the Arm Frame(42) away from the carousel.
- 5) Pull the tape through the blades and affix the tape to the carousel. Insert the float at the top of the float chamber. See Figure 3. It is suggested that when applying the tape to the carousel, it is applied to the middle of the carousel. This will help ensure proper loading the first time.

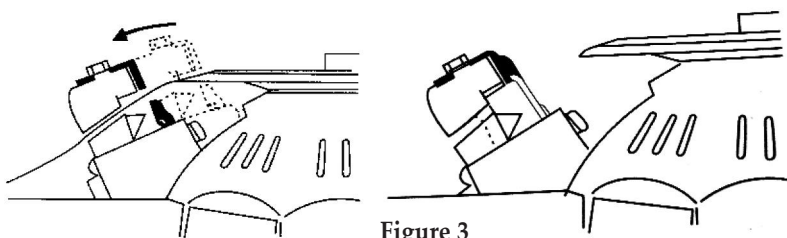


Figure 3

- 6) Close the Safety Cover.
- 7) If the tape wasn't set correctly, repeat steps 1 to 5 above.

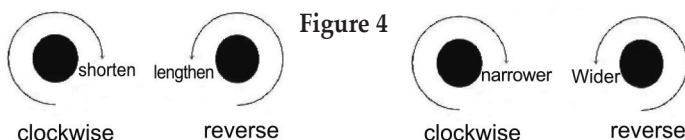
V. Operating the Machine

- 1) Turn the POWER SWITCH ON.
- 2) Press the Start Switch(2) in the center of the carousel. The cut pieces of tape will be distributed to half the carousel.
- 3) Before you begin production with the ZCUT-2, test the process by cutting a few pieces of tapes and make sure they are the desired length.
- 4) After all the tapes have been taken from the carousel, press the Start Switch(2) again. It is important that the tape be removed before pressing the Start Switch(2), otherwise the tape will feed back into the machine and begin overlapping and jamming the unit.
- 5) If the motor reaches a high temperature, the thermostat will shut down the machine automatically. Wait for the motor to cool before continuing operation.
- 6) Whenever the safety cover is open, the machine will stop working automatically.

VI. How to Adjust the Tape

The operator can adjust the tape length and cut-piece spacing whenever the machine is "OFF" or stopping working.

- 1) Turn the Length Adjustment Knob(19) until the desired length is achieved. See Figure 4.
- 2) Turn the Cut Piece Spacing Knob until the desired spacing is achieved. See Figure 4. Make sure to keep the proper space between the cuts to avoid tape overlapping.



VII. How to Replace and Adjust the Blades

The blades are consumable, and they will eventually worn out. If it happens, please replace a new one.

The staying power of blades are based on the tape's quality, material, thickness which you are using.

WARNING: The blades are very sharp. Whenever replace the blades, do not touch the blades and use pliers.

Before replacing the blades, make sure the POWER SWITCH is "OFF".

How to Remove the Upper Blade

1. Remove the 4mm screw with a screwdriver.
2. Take off the Upper Blade(25).
See Figure 5.

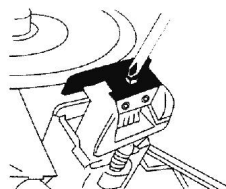


Figure5

How to Remove the Arm Frame

3. Raise the Arm Frame(42) by using the manual lever.
2. Pull the arm frame out. See Figure 6.

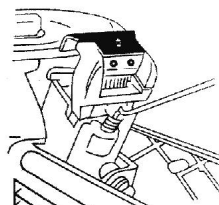


Figure 6

How to Remove the Lower Blade

1. Remove the screw with a screwdriver.
2. Pull the Lower Blade(21) from the machine. See Figure 7. Please note if you have trouble removing the lower blade, remove the Manual Lever one side to the other side and this will raise the blade.

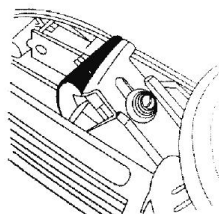


Figure 7

How to Install the New Blade

The new blades are installed by reversing the instructions used to remove the blades. It is important that when reinstalling the blades, the lower blade and the arm frame must be firmly installed.

How to Adjust the Upper Blade

1. Use the two adjustment screws located behind the upper blade. Adjust the upper blade inward by alternately tightening the two screws. Note: If you force the upper blade out, it may collide with the lower blade during cycle.
2. Load the tape as previously instructed and try to cycle the machine.

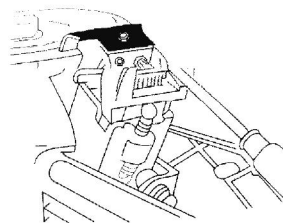


Figure 8

3. Once the adjustments are made, tighten the top screw firmly.
4. Try to operate the machine again, if the adjustments are made properly the tape will cut and the machine will cycle correctly. If the tape is not cut perfectly, tighten the adjustment screws a little at a time and try again

VIII. Maintenance

Warning: The BLADES are very sharp. Do not touch the BLADES by hand.

When performing any maintenance, make sure the POWER SWITCH is "OFF".



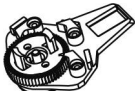


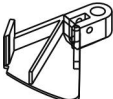



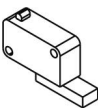
If you have been using the tape dispenser for a long time, tape residue starts to stick on the blades, and it becomes harder to cut. Remove tape residue with alcohol.


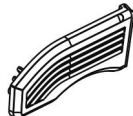
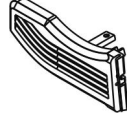
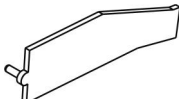
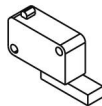


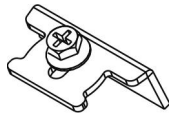

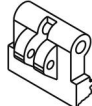
If the tape can not stick on the TURN TABLE, clean the TURN TABLE by using alcohol with a clean dry cloth, or swab remove the residue.

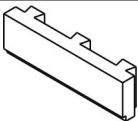
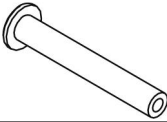







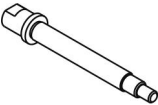
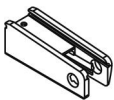

IX. Technical Specifications












Tape Cutting Width	3 - 22 mm (0.12" to 0.87")
Tape Cutting Length	11 - 59 mm (0.43" to 2.32")
Inner Diameter	25,32,75 mm (1",1 1/4",3")
Max. Outer Diameter	130 mm (5.1")
Voltage	AC 220 Volt, 50 Hz
Power	160 Watt
Product Dimensions	300 x 165 x 170 mm (11.8" x 6.5" x 6.7")
Net Weight	2.85 kg(6.3 lbs)
Recommended Tapes	This tape dispenser can be used with most adhesive tapes, including high temperature tape, goldfinger tape, scotch tape, acetate cloth, glass cloth, aluminum foil, cellophane tape, masking tape, polyethylene, vinyl tape, teflon tape, mylar tape and etc. Non-adhesive tape and strong adhesive tape are not recommended, such as double-sided tape and fiber tape.





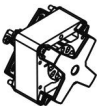






X. Parts List

No.	Name	Image
01	turn table	
02	start switch	
03	ratchet set	
05	split plate	
06	spring	
07	micro switch lever	
09	micro switch spring	 + 
11	body case	
12	switch	

14	safety cover	
15	right tape holder	
16	left tape holder	
17	switch cover	
18	micro switch	
19	knob length adjustment	
21-24	lower blade set	
25-26	upper blade set	
27	inward arm	
29	tape bite	

30	rubber stopper	
32	pin small	
33	rubber stop axis	
35	6-cam	
36	5-cam	
37	4-cam	
38	3-cam	
39	2-cam	
40	1-cam	
41	cam shaft	
42	arm frame	
43	tool bit spring	

44	tool rest spring	
45	base	
46	long winch	
47	CU connector +winch	 + 
49	rubber foot	
50	cam bracket	
51-54	knob set	
55	aluminum bracket	
56	toggle holder	
57	screw	

58	Gear 1	
59	Gear2	
60	Gear3	
61	Gear cover	
62	Motor	
64	pinion gear	
65	motor fan	
66	tape set lever	
67	coil spring	
68	lever	
69	bobbin gray	

XI. Parts Identification

