



Automatic Label Dispenser

User Manual

(Manual No.7947)

Model: USS-LD00015/21/22/23



USS-LD15



USS-LD21



USS-LD22



USS-LD23

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

Version2.0©202404

For questions or concerns, e-mail service@ussolid.com, visit www.ussolid.com

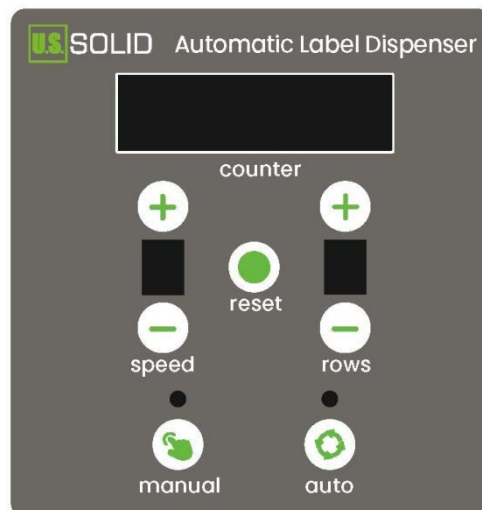
I. Product Specifications

MODEL	USS-LD15-80 USS-LD21-80 USS-LD21-80-FOS USS-LD22-80 USS-LD23-80	USS-LD15-120 USS-LD21-120 USS-LD21-120-FOS USS-LD22-120 USS-LD23-120	USS-LD15-180 USS-LD21-180 USS-LD21-180-FOS USS-LD22-180 USS-LD23-180
Label Width Range	0.2"- 3.15" (5-80 mm)	0.2"- 4.7" (5-120 mm)	0.2"- 7" (5-180 mm)
Label Length Range	0.2"- ∞ (5-∞ mm)		
Core Diameter	1/1.5/3 inches		
Speed	Max. 10 inches/second		
Max. Roll Diameter	USS-LD15 USS-LD22: 7.8" (200 mm) USS-LD21 USS-LD21-FOS USS-LD23: 11" (280 mm)		
Applicable Labels	USS-LD15 USS-LD21 USS-LD22: Translucent and Opaque Labels USS-LD21-FOS USS-LD23: Transparent and Opaque Labels		
Functions	USS-LD15 USS-LD21 USS-LD21-FOS: speed adjustable USS-LD22 USS-LD23: speed adjustable/ counter/rows/preset/reset/manual		
Voltage	Input: AC 100V - 240V, 50Hz/60Hz Output: Output DC 24V 2A		
Rated Power	18 W	28 W	36 W
Machine Dimensions	7.28"x11.81"x6.69" (185*300*170mm)	8.86"x11.81"x6.69" (225*300*170mm)	11.22"x11.81"x6.69" (285*300*170mm)
Net Weight	6.1 lbs(2.8kg)	6.8 lbs(3.1kg)	7.7 lbs(3.5kg)

II. Machine Introduction



USS-LD22/USS-LD23 Panel Description



- Counter: Count labels and display the preset number of labels from 0 to 9999999.
- Speed + or -: Increase or decrease speed, adjustable from 1 to 9 levels.
- Rows + or -: Increase or decrease rows of labels, adjustable from 1 to 9 rows
- Manual: In manual mode, the next label will only advance once the operator presses the "manual" button.
- Auto: As the operator picks up a label in auto mode, the next one is automatically and instantly advanced.
- Reset:

Function 1) Return to zero

Function 2) Preset the required number of labels: Press the "reset" button to return to zero first, then press and hold down the "reset" button, and release it when the display shows "000000". Press the rows + or - button to set numbers and the speed + or - button to change the numerical digit. Press and down the "reset" button again, and release it when the

[For questions or concerns, e-mail service@ussolid.com, visit www.ussolid.com](mailto:service@ussolid.com)

display shows "0". The preset is done. Press the "auto" button once, the dispenser will start to work and stop automatically after a preset quantity is reached. At this time, the manual indicator light is on. Then press "reset" and "auto" again, and the machine will dispense the labels in cycles according to the preset quantity. Follow the steps above and set the required number to 0, then the cycles will be canceled.

III. Operating Instructions

Assembling Plug(Refer to Figure 1)



(Figure 1)

The power cord and plug are packaged separately. Please assemble them as shown in the figure above. Install part ② onto part ①, then press part ② down and rotate it anticlockwise.

Basic Setting for Label Rolls(Refer to Figure 2)



(Figure2)

1. Remove the two screws on the side plate of the bracket, and use the two screws to mount the label bracket and label bracket shaft onto the machine.
2. Select one appropriate core insert(1.5" and 3" are optional) and install it onto the hanger shaft. Then install the label roll onto the core insert with the labels facing out. Insert another core insert into the label roll. If the core size of the label roll is 1", install the label roll onto the hanger shaft directly, as there is no need to use the core insert parts.
3. Install the paper baffle beside the label roll, and tighten it so that the paper baffle can

hold the label core against the roll.

Please note: The paper baffle must be tightened sufficiently. The innerspring should be pressed in half, at least.

4. Pull the leading edge of the label paper under the pressing plate, through the dispensing plate, and down towards the rewinder shaft. Then, grip the label paper end into the groove on the rewinder shaft and fix the end with the U Pin. Make sure the paper is reasonably straight.

Please note: As shown by the arrows in Figure 1, the label must be parallel to the side plate of the machine and placed correctly.

5. To begin, you need set the speed to 20 or larger. And use the speed knob to adjust the speed according to the label length.

Please note:The machine will not rotate until the speed is adjusted to at least 20.

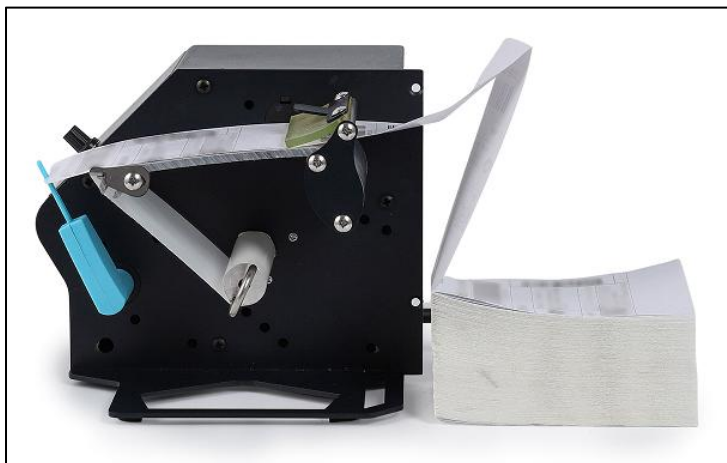
6. Adjust the sensor towards the desired label stop position. The sensor can be stretched out and drawn back either leftward or rightward, and it can also be rotated, forward, or backward.

Please note: The limiting rod of the sensor is connected to precision parts and cannot be pulled forcibly or hit violently!

7. Turn the Power Switch to "ON," and the machine will start working.
8. Take the first label from the Peel-Off-Plate.
9. After taking the first label, the motor starts and feeds the next label. The next label stops at the correct position.
10. If the machine cannot stop at the correct position, try adjusting the sensor position again.
11. To remove the waste liner on the rewinder shaft, pull the U Pin away from the machine and then slide the roll of waste liner off the shaft.

Basic Setting for Fanfold Shipping Labels(Refer to Figure 3)

If you want to use fanfold shipping labels, there is no need to install the label bracket and label bracket shaft, and the above steps 1, 2, and 3 can be omitted. You only need to operate the machine using the instructions from step 4 onward.



(Figure3)

Adjusting the tension of the pressing plate(Refer to Figure 4)

The tension of the pressing plate has three levels, the default is minimum level 1. Larger tension is recommended for high viscosity labels and soft labels.



(Figure4)

IV. Pack List



1. Automatic Label Dispenser

2. User Manual

3. U Pin

4. 2 x 1.5" Core Inserts

5. 2 x 3" Core Inserts

6. Paper Baffle

7. Power Cable

8. Label bracket and label bracket shaft

V. Applications

Our label dispenser machines are compatible with translucent, transparent, and opaque labels. You can select the appropriate model based on your specific requirements. These labels include self-adhesive labels, barcode labels, security labels, packaging labels, anti-counterfeit labels, hot stamping stickers, stickers, printing patterns, chrome paper, and more!

Please note:

- 1) These machines are not recommended for labels with deep perforation lines or those with thick, hard, or easily breakable release liners.
- 2) Translucent labels should have a thickness greater than 0.05mm.
- 3) Transparent labels should have a thickness greater than 0.03mm.

VI. Warranty

The machine's motor and circuit board have a one-year warranty. This warranty covers any defects in material or workmanship under normal use.

Within 30 days of delivery, U.S. Solid will either work with you to repair your product with replacement parts, replace the product after receiving the returned defective machine, or accept a returned defective machine for a full refund. After the first 30 days but within the first year of delivery, U.S. Solid will send new or refurbished replacement parts at no charge so you can repair the product yourself.

VII. Warning

Do not plug in, unplug the cord, or operate the machine with wet hands.

This product is only for indoor use and must not be used in wet locations.

During the operation of the machine, please do not touch the rewinder shaft, and never stop its rotation.

Turn off the power switch and unplug the machine before removing waste material or performing any cleaning or maintenance services.

Do not use this machine for anything other than its specified applications.

