

LD  
2000



**THE**<sup>TM</sup>  
**LABEL**  
**DISPENSER**

instructions

## CONTENTS

Read this user's manual before use to ensure proper operation. Keep the manual on hand for reference in case there is a problem.

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## WARRANTY POLICY FOR LD SERIES LABEL DISPENSERS

Start International warrants all parts on LD series label dispensers against defects in design, materials and workmanship for a period of 180 days. Labor to replace defective parts will be performed at no charge for the first 90 days after date of purchase. Warranty does not cover transportation costs.

Our sole obligation under this warranty is limited to repair, replacement or credit of the purchase price, at our option, for the machines listed above, which do not perform properly the function for which they were designed.

Warranty repair is contingent upon our examination and determination that alleged defects have not been caused by misuse, abuse, improper installation or application, repair, alteration, accident or neglect in use, storage, transportation or handling.

The above warranty and remedy constitutes Start International's sole liability hereunder and are in lieu and exclusive of all other warranties and remedies expressed, implied, or statutory, including, but not limited to, those of merchantability and fitness for a particular purpose.

## FEATURES

- Will dispense butt-cut and die-cut material.
- Adjustable photosensor for pinpoint accuracy.
- Handled lock rod makes scrap removal easy.
- No tools required for adjustment.

## NOTES

- Keep strip plate free of adhesive build-up.
- Clean photosensor with compressed air or dry cloth.
- Do not drop the dispenser or subject it to heavy shock.
- Turn off machine when not in use.

## REPAIR POLICY

Contact START INTERNATIONAL to determine nature of problem.

Furnish START with the following information:

1. Who the unit was purchased from.
2. Model number and serial number.
3. Date purchased (copy of invoice or packing slip required).

START will issue an RGA (Return Goods Authorization) for repair.

Return machine to START by UPS, insured and prepaid.

START will notify the customer if there is a repair charge.

A \$25.00 evaluation charge will apply to all non-warranty repairs, which will be applied to repair charge.

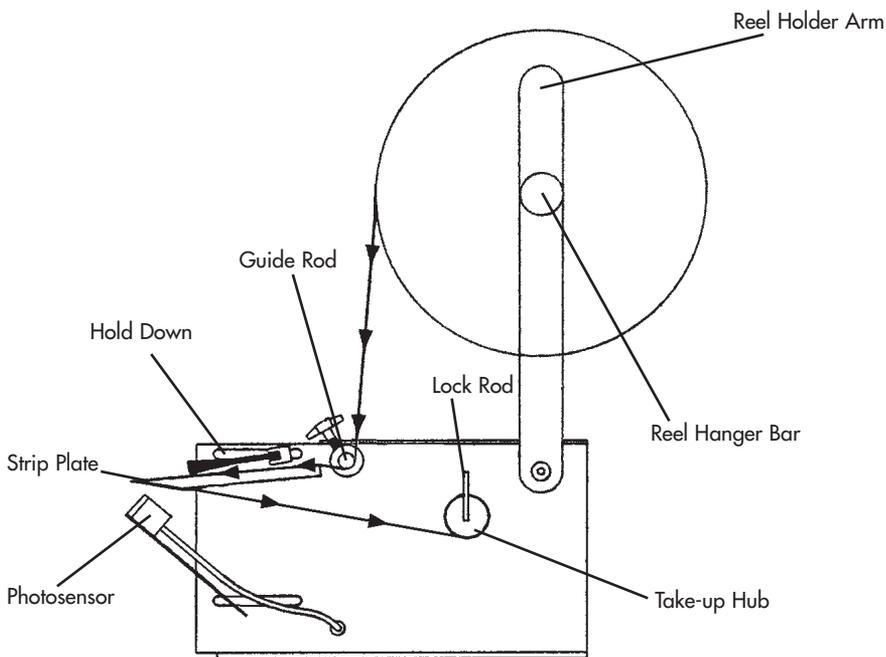
SPECIFICATIONS:	
Model #	LD2000
Liner Capacity Width	.25" to 2.25" (6.35mm to 57.15mm)
Label Length	.25" to 3" (6.35mm to 76.2mm)
Roll Capacity	6" (15.2cm)
Feed Speed	2.2" / sec* (5.6cm / sec.)
Dimensions Inches	7.3 (L) x 4.9 (W) x 9.5 (H)
Centimeters	18.5 (L) x 12.5 (W) x 24.1 (H)
Weight	2.00 lb. (.91 kg.)
Electrical Requirements	12V DC with 115V adapter (12V DC with 220V adapter available)

\*speed calculated at 60 Hz

## SET-UP INSTRUCTIONS

Place the label roll onto the reel hanger bar. The roll should be against a metal lock clip so that it is held straight. Place second metal lock clip onto reel hanger bar to keep the labels snug.

Thread the web under the guide rod, between the hold down and the strip plate and back under the strip plate. Lay the web across the slot in the take-up hub. Lock the web in position with the metal lock rod. (The take-up hub turns counter-clockwise.)



### Daisy-chain option:

LD2000 dispensers can be "daisy-chained" together to operate in series. When a label is removed from one of the machines, the next label will not feed until the labels are removed from all the machines. Example: If 3 machines are "daisy-chained" together, when a label is taken off the first machine, it will not feed; when a label is taken off the second machine, it will not feed. When the label is taken from the third machine, all machines will feed their respective labels. (LD2000-CABLE needed to "daisy-chain" machines.)

# ADJUSTMENTS

## Hold Down:

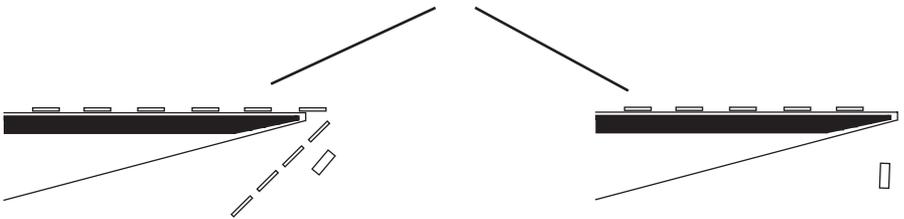
Using the upper thumbscrew on the side of the machine, adjust the hold down for tensioning. For best results, labels should be pressed firmly against the strip plate. However, if the labels are held too tightly, they will cause excessive drag on the motor.

## Photosensor:

The photosensor can be adjusted in any direction by using the lower thumbscrew on the side of the machine and the thumbscrew underneath the photosensor bracket. Loosening the thumbscrew on the side of the machine allows the photosensor to move in and out. This is used to set the overhang distance of the label over the strip plate. The thumbscrew underneath the photosensor bracket is used to swivel the sensor along the front of the strip plate. When the label is being fed the correct distance, lock the bracket in place. If there are 2 or more labels across, align the photosensor with the last label to be removed. When these screws are locked in place, the machine is set.

## Positioning of Photosensor

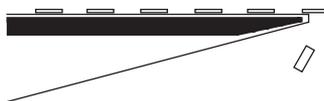
### Incorrect



Sensor sees beyond label  
- Will not stop

Sensor sees strip plate  
- Will not feed

### Correct



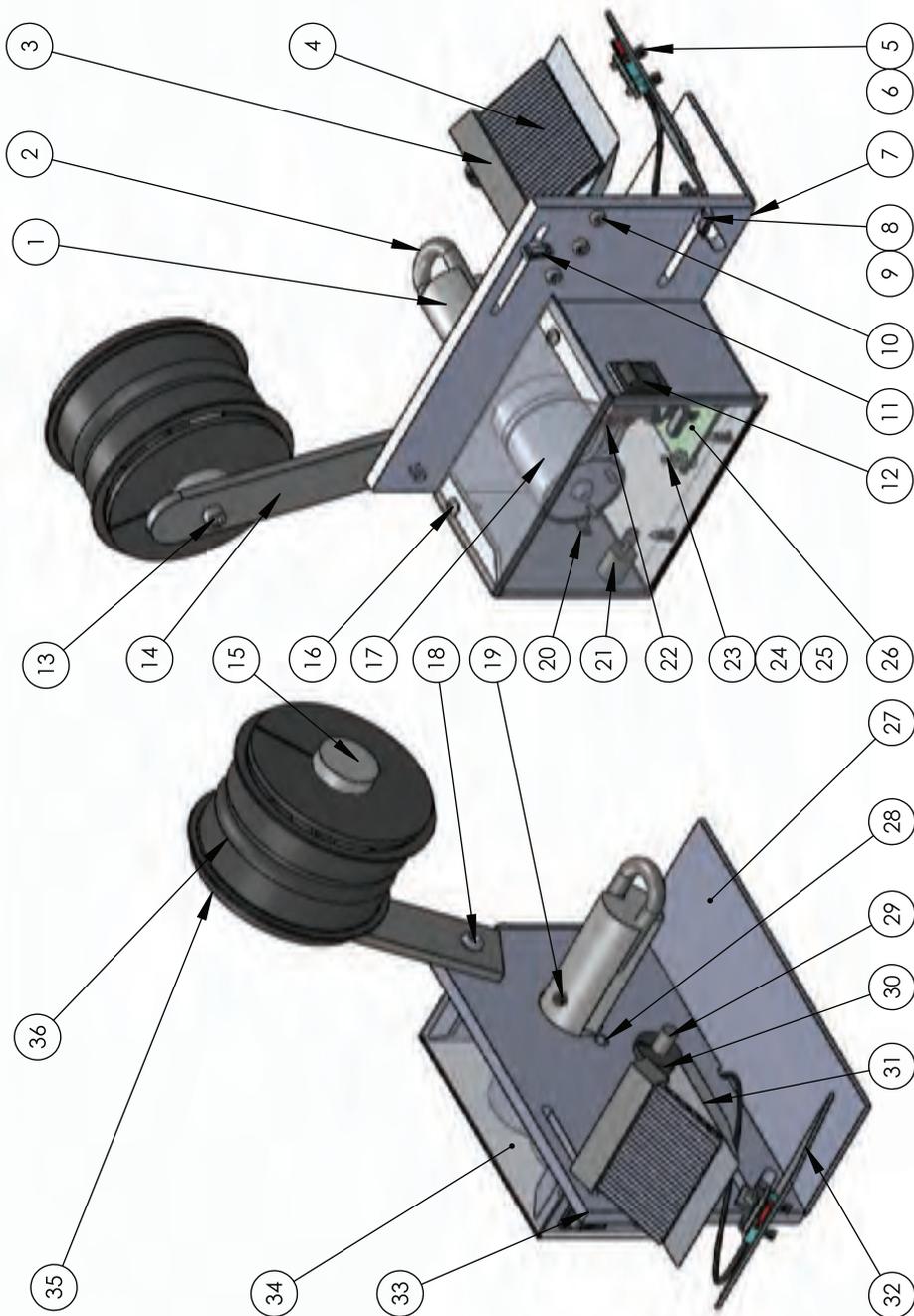
Sensor sees front edge of label

## MAINTENANCE

- Turn machine off when not in use.
- Remove liner material from take-up hub when it reaches approximately 2" in diameter or if the motor appears to be straining.
- Do not operate machine without covers in place.
- Do not operate if inspection reveals a damaged power or sensor cord.
- Keep strip plate, hold down and hub free of adhesive build-up.

LEGEND			
Model LD2000			
36	LD-SPOOL	2	3" Spool
35	LD25010	2	Reel Guide Disc - 2000 KIT
34	LD2000-12	1	Cover
33	LD2000-01A	1	Main Plate
32	LD2000-25	1	Photosensor Bracket
31	LD2000-02	1	Strip Plate
30	LD50014-4	1	Material Guide
29	LD2000-06	1	Guide Rod
28	LD2000-05-1	2	M3 x 8mm Socket Cap Screw
27	LD2000-11	1	Base
26	LD2000-30	1	PCB - Assembled with Sensor
25	LD2000-18-1	4	PCB Spacer
24	LD50021-1	4	4-40 Nut
23	LD2000-18-2	4	4-40 X 5/8 Pan Phil Screw
22	LD2000-16-1	2	Terminal for Power Switch
21	LD2000-19	1	Power Inlet
20	LD2000-23	1	Daisy Chain Inlet
19	LD2000-09-1	1	8-32 x 3/8 Set Screw
18	LD2000-07-1	1	10-32 x 3/8 BHCS BO
17	LD2000-05	1	12V DC Motor
16	LD50008-1	4	#6 SM x 1/2 Pan Phil BO
15	LD2000-08	1	Reel Hanger Bar
14	LD2000-07	1	Reel Holder Arm
13	LD50017-1	1	10-32 x 3/4 SHCS BO
12	LD2000-16	1	Power Switch
11	LD2000-03-1	1	8-32 x 1/2 "T" Thumbscrew
10	LD50007-1	5	6-32 x 1/2 SHCS BO
9	LD50018-2	1	10-32 Nut
8	LD2000-06-1A	1	10-32 x 1/2 "T" Thumbscrew
7	LD50024	5	Rubber Feet
6	LD2000-26	1	Nut Plate
5	LD2000-15-1	2	2-56 x 1/2 Thumbscrew
4	LD2000-04	1	Brush
3	LD2000-03	1	Brush Holder
2	LD2000-17	1	Lock Rod
1	LD2000-09A	1	Take-up Hub
No.	Dwg No./Model	Qty.	Remark

# EXPLODED VIEW





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