START International

We Are Dispensers

Barcodes
Promotional Labels
ELECTRONICS
pharmaceutical
APPLIANCE
Safety Seal
AUTOMOTIVE
Label Dispensers
MANUFACTURING
VHB Application
PACKAGING
Die-Cut Gaskets
Non-Adhesive Cutters
Product ID
SOLAR & WIND POWER
Wire Harnessing
Heat Shrink Tubing
Battery Manufacturing
Parts Assembly
FOOD & BEVERAGE
RFID
MEDICAL
Tape Dispensers

LD3000 Series



LD3000 LD3000 FDA

THE LABEL DISPENSER BY START INTERNATIONAL

labelmoto

START International
4270 Airborn Drive, Addison, TX 75001, U.S.A.
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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 3000 series label dispensers against defects in design, materials and workmanship for a period of 720 days. Labor to replace defective parts will be performed at no charge for the first 180 days after date of purchase. Warranty does not cover transportation costs.

Our sale 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.

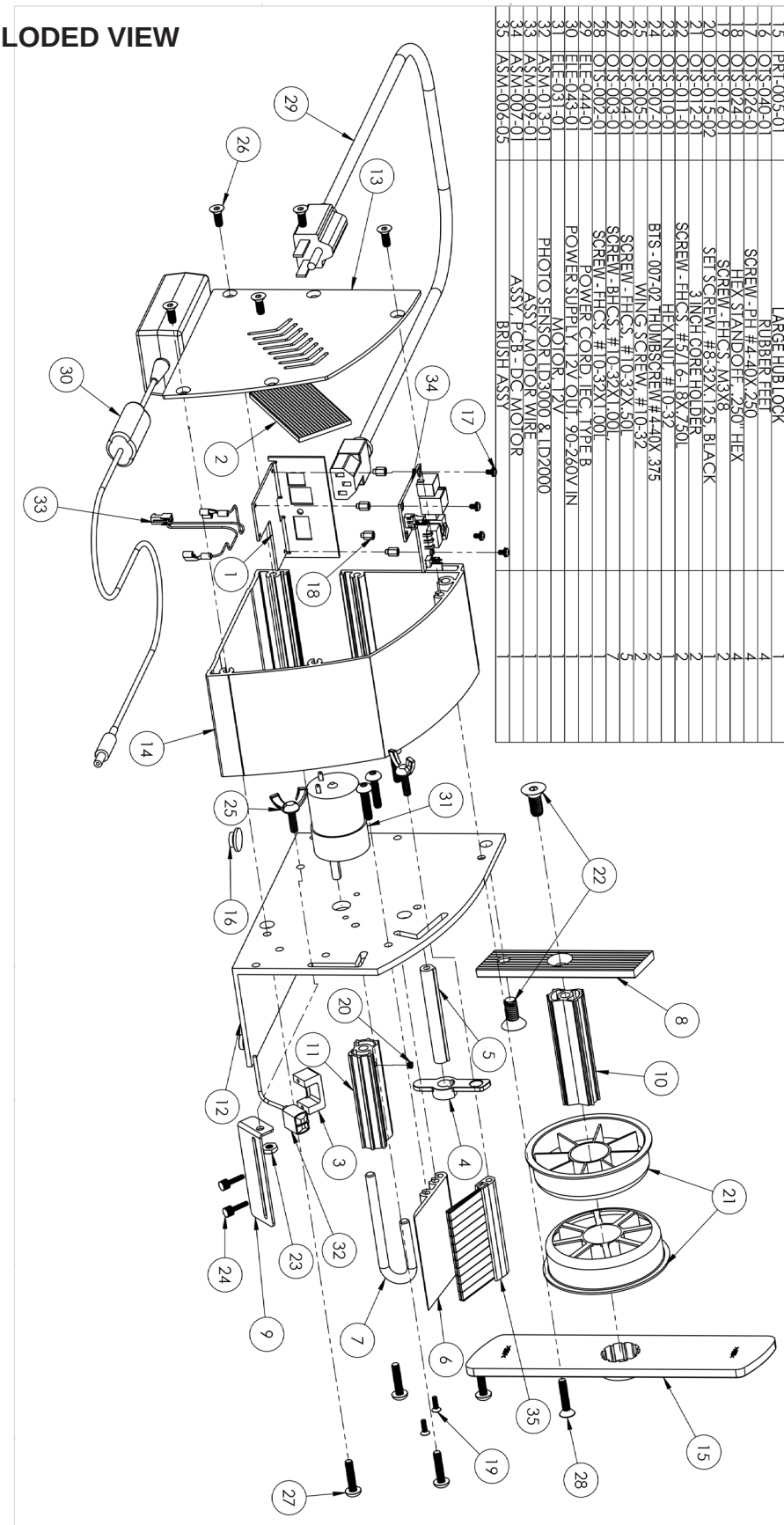
MAINTENANCE

- 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.

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EXPLODED VIEW



ITEM NO.	PART NUMBER	DESCRIPTION	LD3000/QTY.
1	PRT-058-02	PCB PLATE	1
2	PRT-043-01	FILTER	1
3	PRT-042-01	PHOTO-SENSOR HOLDER	1
4	PRT-023-01	SMALL HUB LOCK	1
5	PRT-022-01	SHAFT, BUMPED GUIDE ROD	1
6	PRT-021-01	STRIP PLATE, SMALL	1
7	PRT-020-01	LOCK ROD	1
8	PRT-019-03	REEL HOLDER ARM	1
9	PRT-018-1-05	PHOTO SENSOR BRACKET	1
10	PRT-016-1-09	REEL HOLDER BAR (1" ROLLER)	1
11	PRT-016-1-01	TAKE-UP HUB (1" ROLLER)	1
12	PRT-014-05	BASE, LD3000, LD3500	1
13	PRT-013-00	END CAP	1
14	PRT-011-02	MOTOR COVER	1
15	PRT-001-02	LARGE HUB LOCK	1
16	OTS-040-01	RUBBER FEET	4
17	OTS-026-01	SCREW - PH #4-40X.250	4
18	OTS-024-01	HEX STANDOFF .250" HEX	4
19	OTS-016-01	SCREW - FHCS, M3X8	2
20	OTS-012-02	SET SCREW, #8-32X.125, BLACK	2
21	OTS-011-01	3 INCH CORE HOLDER	2
22	OTS-010-01	SCREW - FHCS, #5/16-18X.50L	2
23	OTS-009-01	HEX NUT, #10-32	2
24	OTS-007-01	BTS - 007-02 THUMBSCREW #4-40X.375	2
25	OTS-005-01	WING SCREW, #10-32	5
26	OTS-004-01	SCREW - FHCS, #10-32X.50L	2
27	OTS-003-01	SCREW - BHCS, #10-32X1.00L	7
28	OTS-002-01	SCREW - FHCS, #10-32X1.00L	1
29	ELE-044-01	POWER CORD, IEC, TYPE B	1
30	ELE-043-01	POWER SUPPLY, 12V OUT, 90-280V IN	1
31	ELE-031-01	MOTOR, 12V	1
32	ASM-013-01	PHOTO SENSOR LD3000 & LD2000	1
33	ASM-009-01	ASSY, MOTOR WIRE	1
34	ASM-007-01	ASSY, PCB - DC MOTOR	1
35	ASM-006-05	BRUSH ASSY	1

REVISIONS				
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL REVIEW	8/15/14	M.A
B	MODIFY MAIN PLATE TO FIT BOTH CONFIGUATIONS	9/28/14	M.A
C	ADD FILTER & CHANGE MOROR SCREWS TO FHCS	10-29/14	M.A
D	UPDATE DRAWING ADD OTS-040-01	11/5/14	M.A
E	CHANGE PRT-055-01 TO PRT-042-04 & PRT-056-01 TO PRT-043-01	11/18/14	M.A
F	CHANGE OTS-017-01 TO OTS-026-01 & OTS-18-02 TO OTS-024-01	11/24/14	M.A
G	REPLACE 10/32 BHCS FOR FHCS	12/2/14	M.A

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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 RMA (Return Merchandise 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 fee will apply to all non-warranty repairs, which will be applied to repair charge.

Model #	LD3000
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	7.0 (L) x 6.1 (W) x 10.7 (H)
Centimeters	18.8 (L) x 15.5 (W) x 27.2 (H)
Weight	2.8 lb. (1.27 kg.)
Electric Requirements	12V DC with 115V adapter (12V DC with 220V adapter available)

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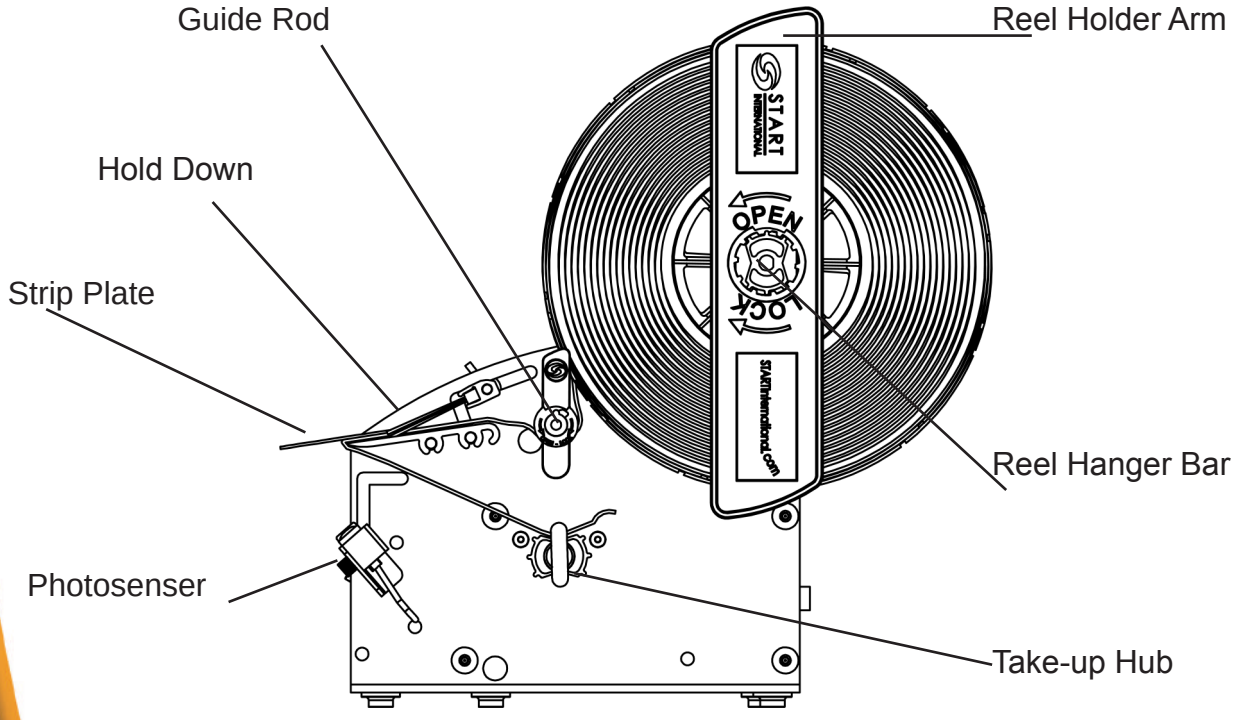
SET-UP INSTRUCTIONS

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:

LD3000 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. (LD3000-CABLE needed to “daisy-chain” machines.)



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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.

