INSTRUCTIONS

COMPACT LABEL APPLIER

MODEL CLA

ML-44062

FCC Compliance

This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause interference to radio communications. Operation of this equipment in a residential area is likely to cause interference in which case the user will be required to correct the interference at his own expense.

To meet Class A limits, the user must observe the following requirements:

1. Only factory approved cables may be used to connect this digital device with any peripherals.
2. Only factory approved peripherals may be connected to this digital device.
3. Any changes or modifications to the equipment, unless expressly approved by the manufacturer, could void the FCC's permission to operate the equipment.

HOBART
CORPORATION

EXECUTIVE OFFICES
701 RIDGE AVENUE
TROY, OHIO 45374-0001

FORM 18659 Rev. A (3-94)

Instructions for Operation and Care of COMPACT LABEL APPLIER

SAVE THESE INSTRUCTIONS

GENERAL

The Compact Label Applier (CLA) is an indexing and positioning conveyor which automatically weighs and labels packages, typically in a Supermarket Meat Department.

A wrapped package, received from an automatic Stretch Wrapper, passes across a weighing conveyor and positions itself on the CLA platform. The Ultima 2000 prints a label, and the CLA places it on the package. The label's corner position and rotation are pre-determined selections.

From the CLA, the packages go to a discharge device (conveyor or rotary bin) ready for display and sale.

A storage compartment and a cleanout drawer are provided in the CLA cabinet (Fig. 1).

The Ultima 2000 system and various wrapper models are covered in separate instruction manuals.

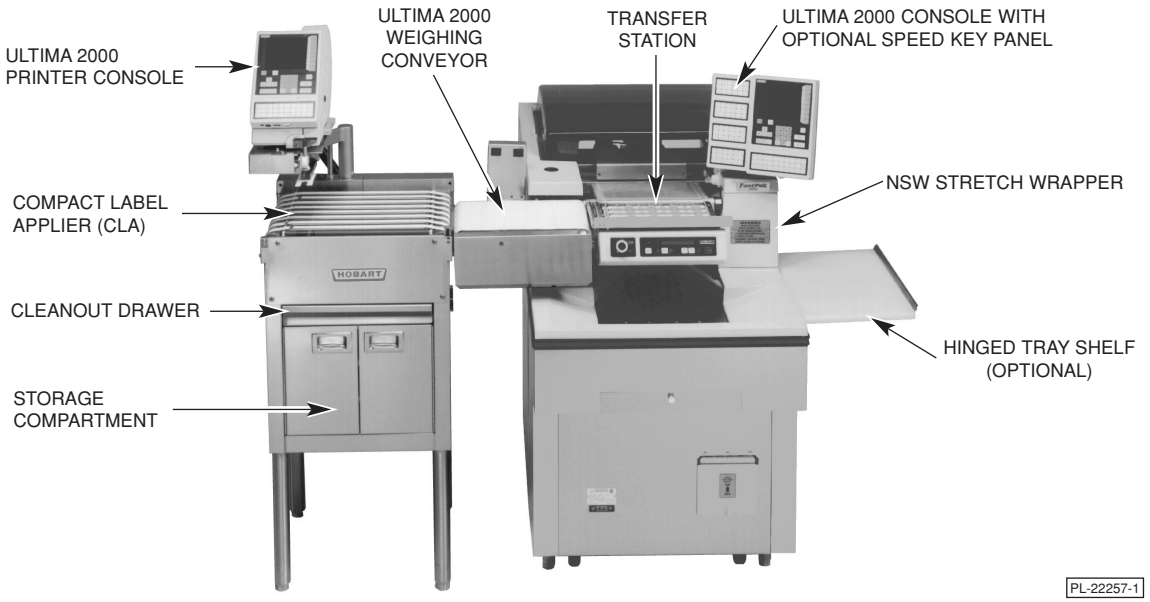


Fig. 1

RIGHT-TO-LEFT Configuration Shown

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INSTALLATION

ELECTRICAL

WARNING: ELECTRICAL AND GROUNDING CONNECTIONS MUST COMPLY WITH APPLICABLE PORTIONS OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER ELECTRICAL CODES.

WARNING: RISK OF FIRE OR SHOCK HAZARD – CLA MUST BE INSTALLED ONLY BY A HOBART TRAINED SERVICE TECHNICIAN.

The CLA must be installed or moved only by a Hobart trained service technician due to weights and measures considerations. Two duplex outlets, one at each side, allow peripheral equipment (Powered Rotary Bin or 90° or 180° Conveyor) to be connected to 120 volt electric power (up to 3 Amps total both sides). A third duplex outlet, located underneath the CLA, allows a separate circuit to be provided only for the Ultima 2000 Printer.

CONFIGURATIONS

The CLA, with the NSW Stretch Wrapper, is shown in true LEFT-TO-RIGHT or RIGHT-TO-LEFT configurations (Figs. 2, 3). The operator works from the same side of the machine in either configuration. Also included are the Transfer Station, an Ultima 2000 Weighing Conveyor and Printer, the CLA, and a Rotary Bin. This set-up provides 22 – 24 packages per minute in a small footprint.

LEFT-TO-RIGHT CONFIGURATION

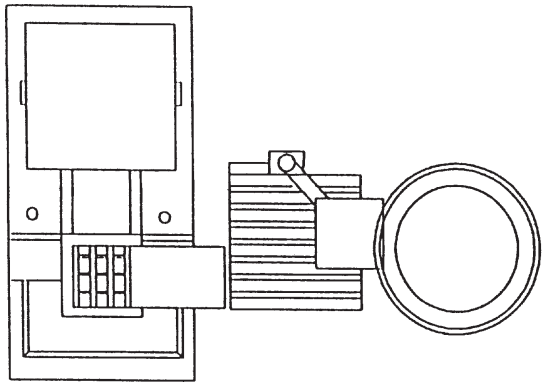


Fig. 2

RIGHT-TO-LEFT CONFIGURATION

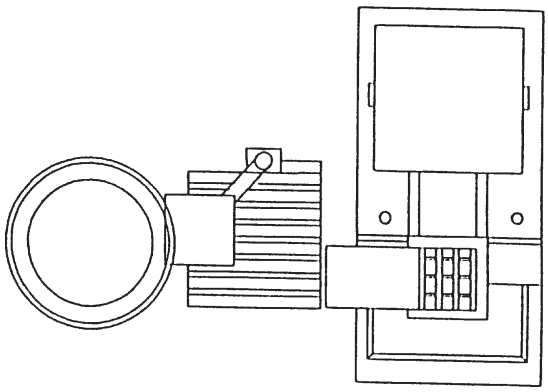


Fig. 3

OPERATION

CONTROLS (Fig. 4)

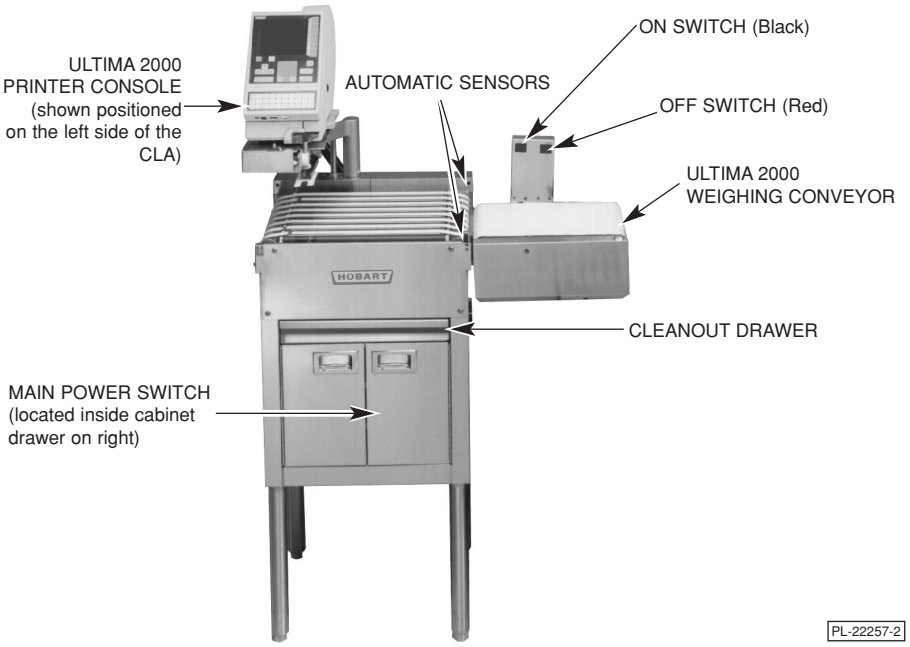


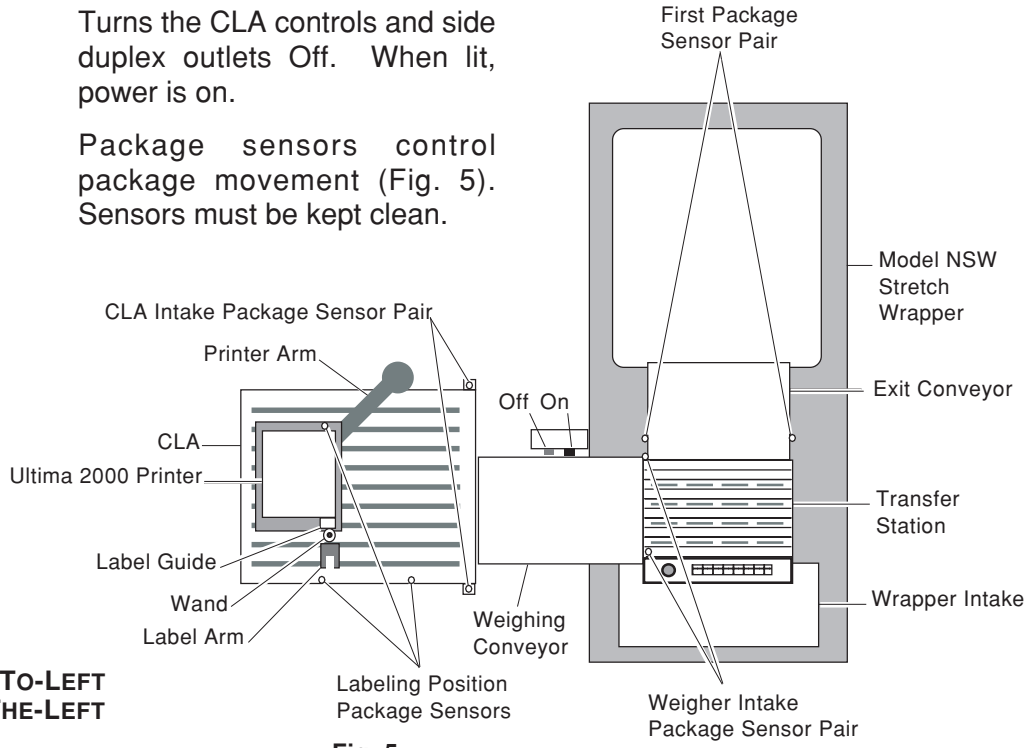
Fig. 4

Main Power Switch — Controls power to the CLA and the two 120 volt duplex outlets, one on each side of the CLA. Acts as a Circuit Breaker.

ON Switch (Black) — Turns the CLA controls and side duplex outlets On.

OFF Switch (Red) — Turns the CLA controls and side duplex outlets Off. When lit, power is on.

Automatic Sensors — Package sensors control package movement (Fig. 5). Sensors must be kept clean.

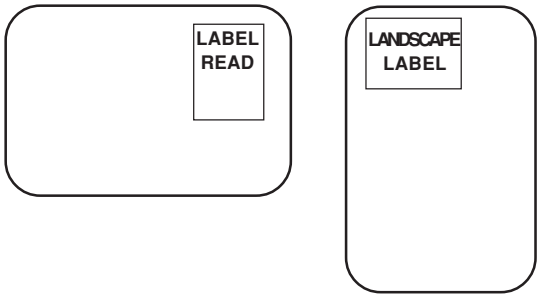


Configuration RIGHT-TO-LEFT
Printer Position ON-THE-LEFT

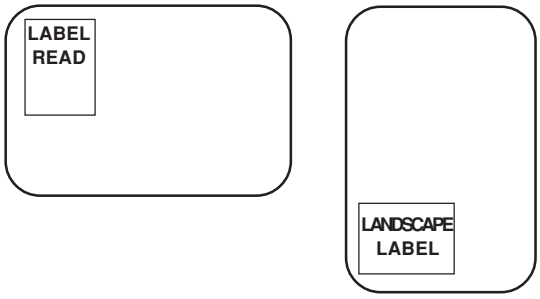
Fig. 5

LABEL APPEARANCE / MEAT CASE ARRANGEMENT

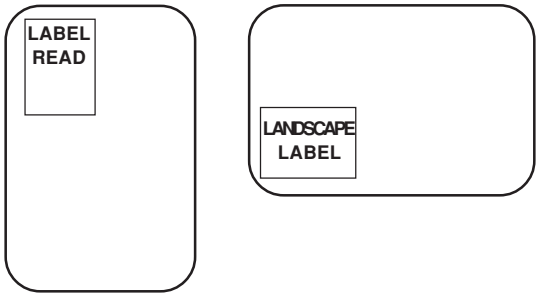
PRINTER: ON-THE-LEFT
ROTATION: 0 DEGREES



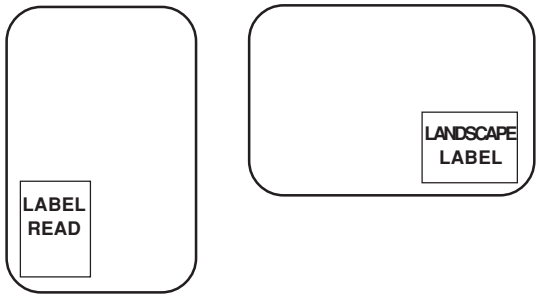
PRINTER: ON-THE-RIGHT
ROTATION: 0 DEGREES



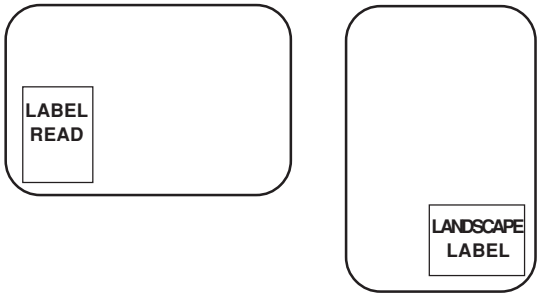
PRINTER: ON-THE-LEFT
ROTATION: 90 DEGREES



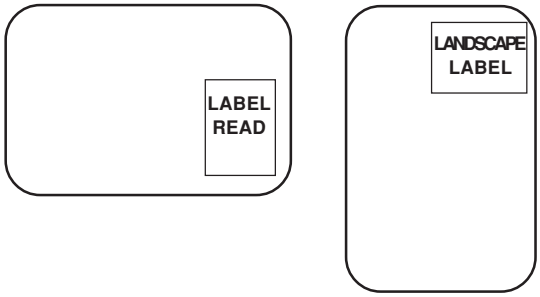
PRINTER: ON-THE-RIGHT
ROTATION: 90 DEGREES



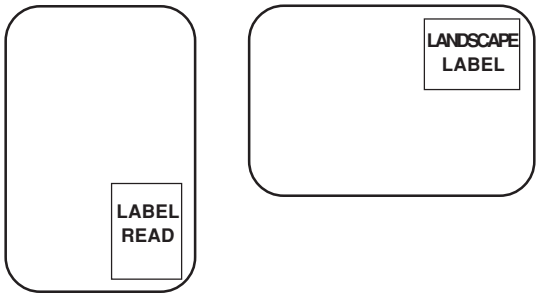
PRINTER: ON-THE-LEFT
ROTATION: 180 DEGREES



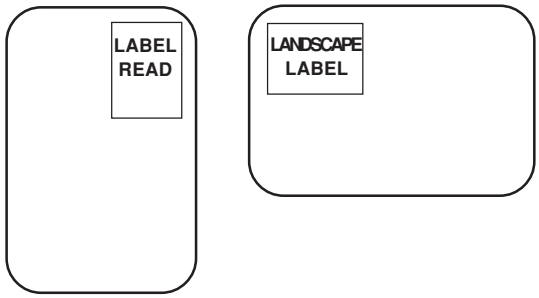
PRINTER: ON-THE-RIGHT
ROTATION: 180 DEGREES



PRINTER: ON-THE-LEFT
ROTATION: 270 DEGREES

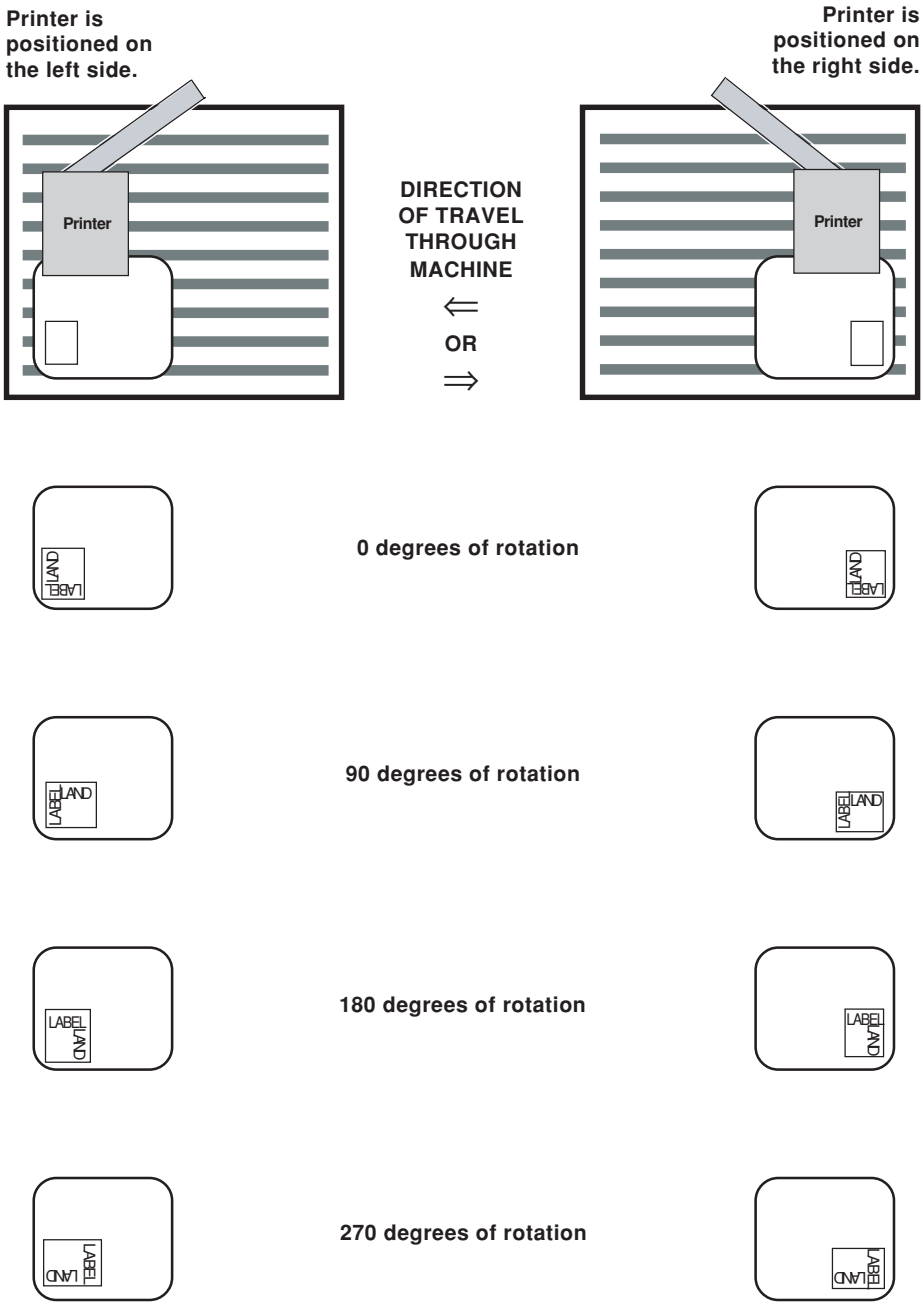


PRINTER: ON-THE-RIGHT
ROTATION: 270 DEGREES



LABEL ROTATION

Label Rotation (programmed in the Ultima 2000 system) determines where the CLA positions the label on the package. Label Rotation can be 0, 90, 180, or 270 degrees. Label Rotation settings will position labels as illustrated below. After the Product Number is entered on the Ultima Run screen, select Label Type (press F7) to temporarily change the Label Rotation setting.



NOTE: LABEL indicates the direction of printing on large portrait style labels; small and medium labels will print in the same direction. LAND indicates the direction of printing on large landscape style labels. Label Types and sizes are described in the Ultima 2000 manuals.

AUTOMATIC WRAPPING, WEIGHING, AND LABELING

Run packages of the same product in a group.

- Enter the Product Number on the Ultima 2000 Console. Revise information if necessary.*
- Position the printer arm ON-THE-LEFT or ON-THE-RIGHT for the desired label location.
- Automatically wrap the package following the instructions for your model wrapping machine.
- The CLA resumes normal operation when the package is sensed by the first package sensors.
- The package is weighed as it passes over the weighing conveyor.
- The Ultima 2000 prints the label.
- The CLA places the label on the corner of the package in the pre-selected rotation.
- The package moves to the discharge device.
- Repeat.

NOTE: After 30 seconds with no packages being sensed, the CLA will shut off (except for the cooling fan).

* Refer to the Ultima 2000 Operator and Supervisor manuals.

MANUAL WEIGHING AND LABELING

Packages can be manually weighed as follows: Place the package on the weighing conveyor. The label is printed. Remove the package from the conveyor. Take the label from the label guide and place it on the package.

TRAY SIZES

CLA can handle tray sizes 1S through 12" x 16", from ½" to 5" high. Additional package size limits apply for each model automatic stretch wrapper (refer to the instruction manual).

CLEANING

CAUTION: **Do not clean the CLA with steam or water hose equipment**.

WARNING: TURN THE MAIN POWER BREAKER SWITCH OFF BEFORE CLEANING THE CLA.

This machine MUST be thoroughly cleaned after each day's operation or anytime it is not to be used for an extended period of time. Use a mild detergent and hot water solution and a clean cloth. Wipe all surfaces of the machine. Rinse using a clean cloth and fresh water.

Accumulation of label deposits and glue should be removed daily or more frequently if required. Glue deposits or stuck labels can be removed from machine surfaces using L. P. S. Spray Cleaner, part 544347, available from your local Hobart office.

WARNING: BEFORE USING L.P.S. CLEANER, READ AND FOLLOW THE INSTRUCTIONS ON THE CONTAINER. ADEQUATE VENTILATION IS REQUIRED. AVOID ACCUMULATION OF VAPORS. AVOID SKIN OR EYE CONTACT. BEFORE USING CLEANER, FOOD PRODUCTS AND PACKAGING MATERIALS MUST BE REMOVED OR CAREFULLY PROTECTED.

TROUBLESHOOTING

Symptom	Suggested Corrective Action
Package is not positioned properly when going through the CLA.	
1. Film may be too tacky.	1. Check film storage temperature and humidity.
2. There are too many packages at one time on the conveyor feeding the CLA.	2. Load packages properly.
3. Package sensors are blocked or dirty.	3. Clean all PACKAGE SENSORS with a Q-Tip.
4. Packages are going into the CLA at 45 degree angles.	4. Position the package more squarely on the conveyor.
5. A package is placed on the conveyor without blocking the FIRST PACKAGE SENSOR PAIR and then the WEIGHER INTAKE PACKAGE SENSOR PAIR.	5. Packages must be sensed by the FIRST PACKAGE SENSOR PAIR and then the WEIGHER INTAKE PACKAGE SENSOR PAIR.
Motor won't run and the OFF SWITCH (red) is not lit.	
1. The machine is not turned on.	1. Press the ON SWITCH (black).
2. MAIN POWER SWITCH may have tripped.	2. Turn the MAIN POWER SWITCH off and then on.
3. Electric plug may have become disconnected.	3. Check power supply connection.
4. Power interruption.	4. Press the ON SWITCH (black).
Motor does not stop after 10 seconds with no packages being sensed.	1. Be sure the FIRST PACKAGE SENSOR PAIR and the WEIGHER INTAKE PACKAGE SENSOR PAIR are clean. Clean the sensors with a Q-Tip.
Motor continues to run slow for 10 seconds after the last package is discharged.	1. Clean the CLA INTAKE PACKAGE SENSOR PAIR and the LABELING POSITION PACKAGE SENSORS with a Q-Tip. 2. Printer is out of position. It must be located all the way to the left or all the way to the right.
Motor won't start after it stops automatically. The OFF SWITCH (red) is lit.	1. Be sure the FIRST PACKAGE SENSOR PAIR and the WEIGHER INTAKE PACKAGE SENSOR PAIR are clean. Clean the sensors with a Q-Tip. 2. Press the OFF SWITCH (red); then press the ON SWITCH (black).
Label delivery problems.	1. Clean the CLA INTAKE PACKAGE SENSOR PAIR and the LABELING POSITION PACKAGE SENSORS with a Q-Tip. 2. Clean glue from the bottom of the LABEL ARM. 3. Clean glue from the WAND. 4. Clean glue from the LABEL GUIDE on the Ultima 2000 Printer.
If the package rate exceeds the CLA's limits, the system will shut off.	1. Remove the packages from the conveyor and restart. Clear packages away from the WEIGHER INTAKE SENSOR.

SERVICE

Call Hobart Service for any problems that are not remedied by the corrective actions suggested in the Troubleshooting section. A Hobart Service Contract is available.