

INSTRUCTIONS

COMPACT LABEL APPLIER

MODEL

CLAS-1LR ML-44227

CLAS-1RL ML-44228



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Instructions for Operation and Care of MODEL CLAS Compact Label Applier

SAVE THESE INSTRUCTIONS

GENERAL

The Compact Label Applier (CLAS) (Fig. 1) is an indexing and positioning conveyor which automatically weighs and labels packages, typically in a Supermarket Meat Department.

A wrapped package is placed on the Sealer Belt Conveyor (SP-5), is passed across the weigher conveyor, and is positioned on the CLAS platform. The Access PrePack System prints a label and the CLAS places the label on the package. The corner position of the label can be adjusted in the Access PrePack System. Once the label is placed on the package, the package is sent to a discharge device (conveyor or rotary bin) ready for display and sale.

Information about the SP-5 Sealer Belt Conveyor and Access PrePack System is available in separate Specification Sheets or Instruction Manuals.



Fig. 1

INSTALLATION

Assembly and installation of the CLAS by a qualified Hobart service technician is included with purchase price.

UNPACKING

Immediately after unpacking the unit, check for possible shipping damage. If this unit is found to be damaged, save the packaging material, and contact the carrier within 15 days of delivery.

Prior to installation, test the electrical service to ensure it agrees with the specifications on the machine data plate.

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 - CLAS must be installed by a Hobart-trained service technician.

CONFIGURATIONS

The CLAS can be ordered in a left-to-right or right-to-left operation (Fig. 2). The package discharge can be configured in the Access PrePack System for side or front discharge from the CLAS platform. The operator works from the same side of the machine in either configuration.

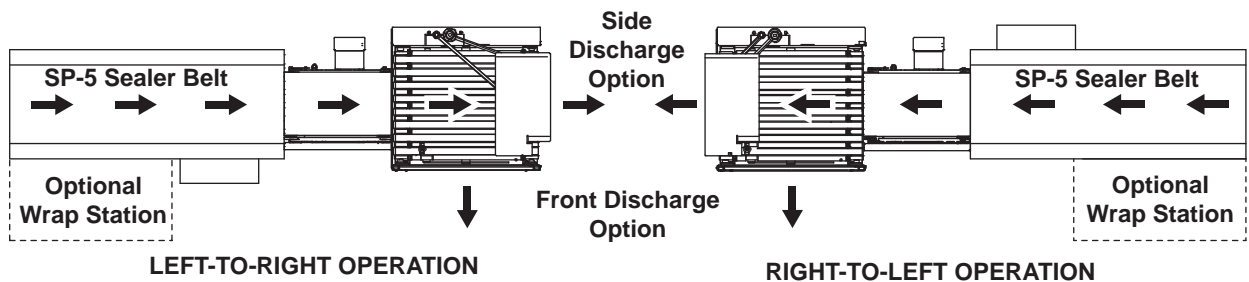


Fig. 2

The printer position (Fig. 3) over the CLAS platform can be set on the left or right side regardless of the travel direction of the package through the machine. Printer location should be specified prior to assembly.

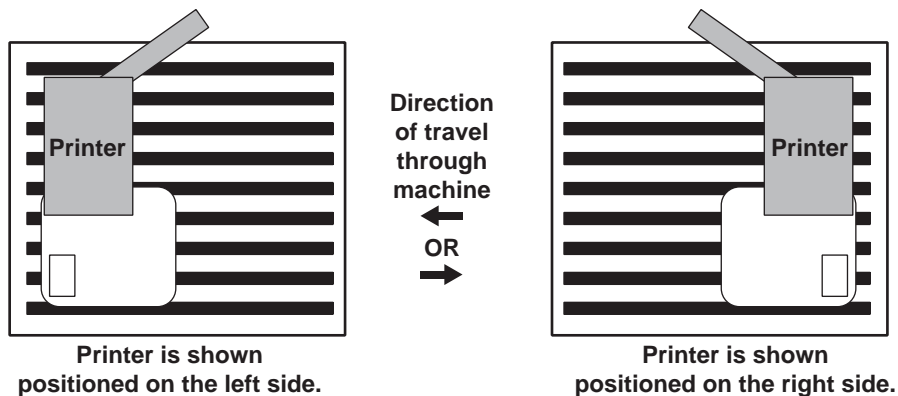


Fig. 3

OPERATION

CONTROLS

Main Power Switch

The main power switch (Fig. 4) is located on the side of the CLAS under the weigher.. It controls power to the entire system. This switch does not control power to the Access PrePack Console or Printer.

Start Button

The start button (Fig. 4) is located on the front panel of the CLAS and is used to turn on the power to the CLAS system conveyors and label applicator. This button does not control power to the Access PrePack Console, Printer, or CLAS weigher function. The start button will illuminate green when on.

Stop Button

The stop button (Fig. 4) is located on the front panel of the CLAS and is used to turn off the power to the CLAS system conveyors and label applicator. When pressed, the CLAS conveyors will stop.

Access PrePack Console and Printer

Information about the operation and care of the console (Fig. 4) and printer (Fig. 4) is covered in a separate manual.

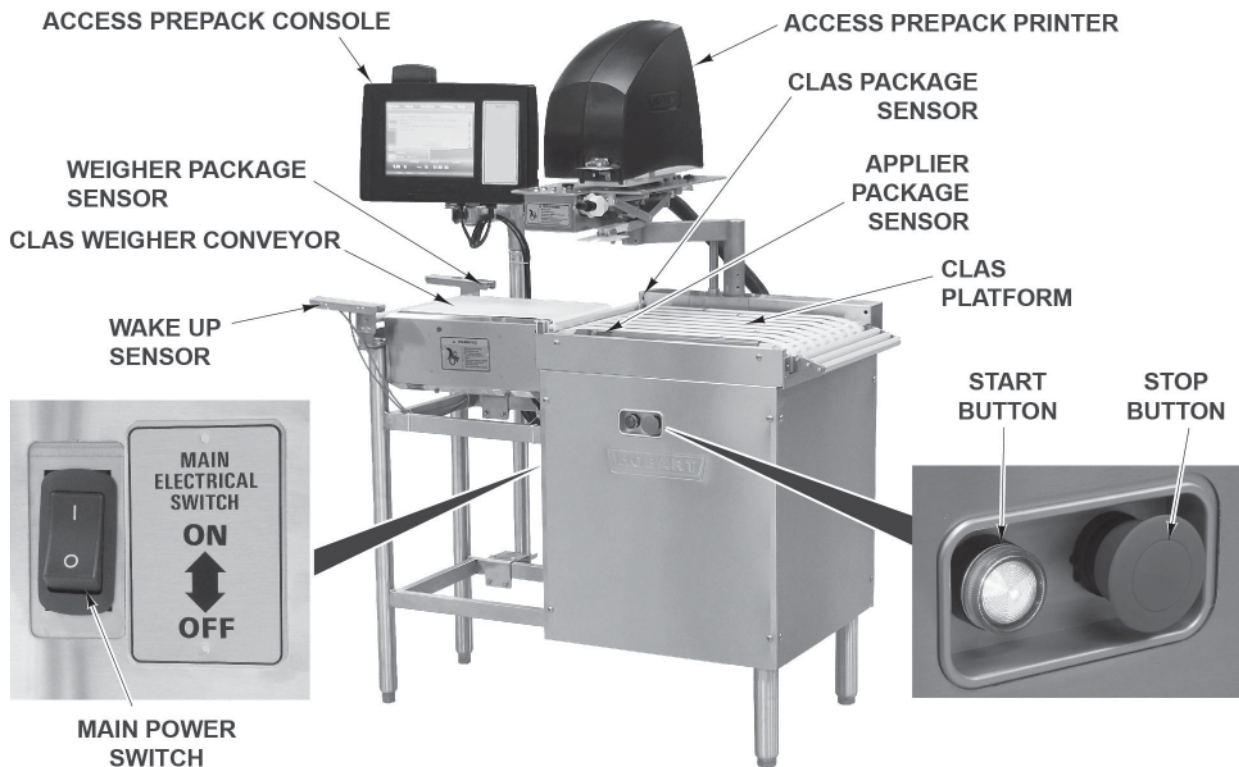


Fig. 4

Sensors

There are four sets of package sensors used to control the CLAS. The various weigh modes determine which sensors are used and when. The package must pass through all required sensors in order for the CLAS to operate properly.

- The wake up sensor (Fig. 4) is located at the end of the SP-5 Sealer Belt Conveyor. It is used to wake up the CLAS when in auto apply, wrap, and label mode.
- The weigher package sensor (Fig. 4) is located after the wake up sensor but before the CLAS weigher conveyor. It is used to stop the CLAS weigher conveyor after the package has been moved fully onto the conveyor for weighing when in auto apply, wrap, and label mode.
- The CLAS package sensor (Fig. 4) is located after the CLAS weigher conveyor and before the CLAS platform conveyor. It is used to start the CLAS platform conveyor and move the package into position for labeling. This sensor is used in auto apply, wrap, and label mode and auto apply and label mode.
- The applier package sensor (Fig. 4) is located on the front of the CLAS near the gate. It is used to indicate the position of the printer and assist with positioning the package for label application. This sensor is used in auto apply, wrap, and label mode and auto apply and label mode.

LABEL PLACEMENT SETUP

The label placement on the package can be adjusted to four different rotations (Fig. 5). Select a placement that fits the display case configuration used by your store.

NOTE: The Label Position feature is set up during installation. The operator cannot change the label position.

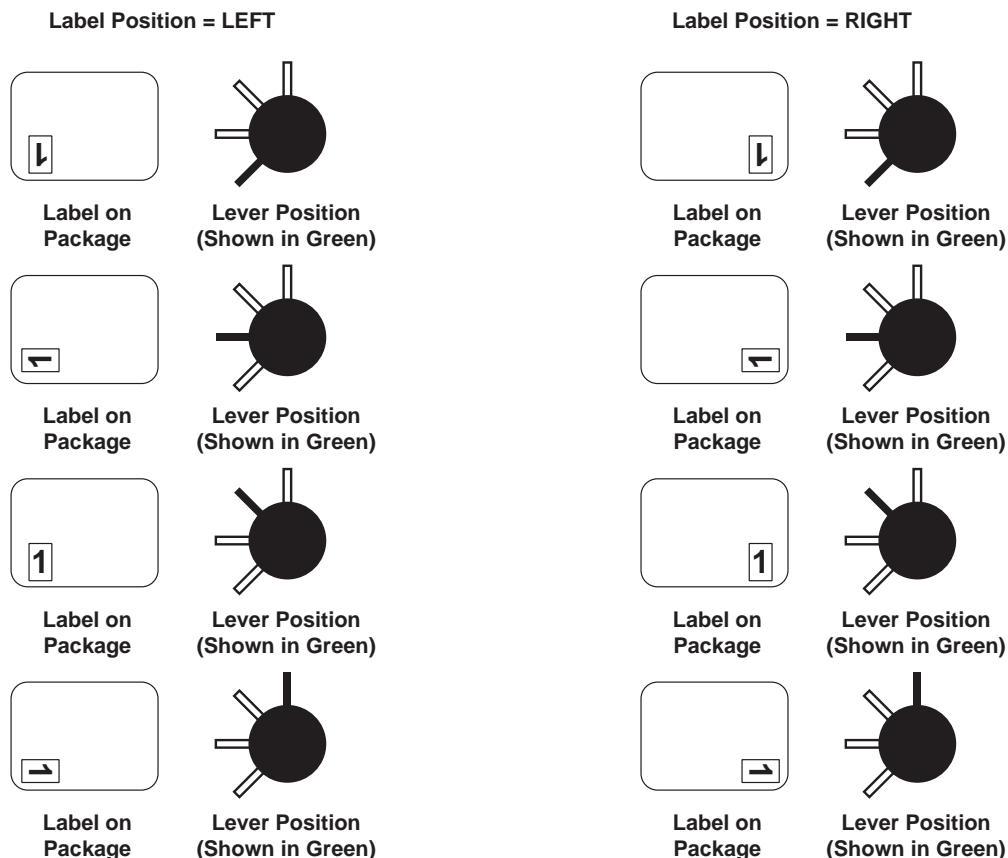


Fig. 5

To set the label rotation, refer to the Access PrePack System Operator Manual for directions on accessing the Label Placement Screen (Fig. 6) on the console. The Label Position field is locked based on the configuration set during installation. Touch the Label Rotation field until the label shown on the screen is in the desired orientation. Then set the rotation lever (Fig. 7) to the position indicated in green on the Label Placement Screen (Fig. 6).

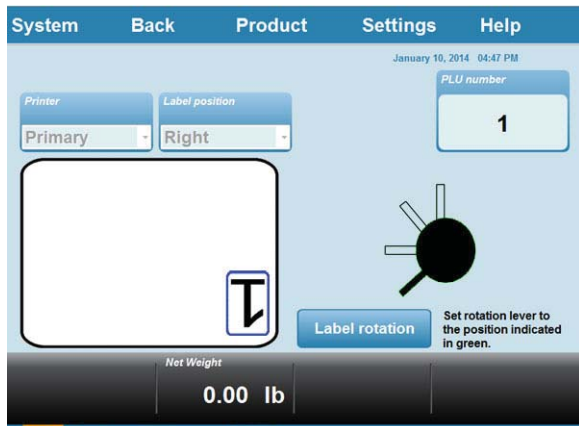


Fig. 6

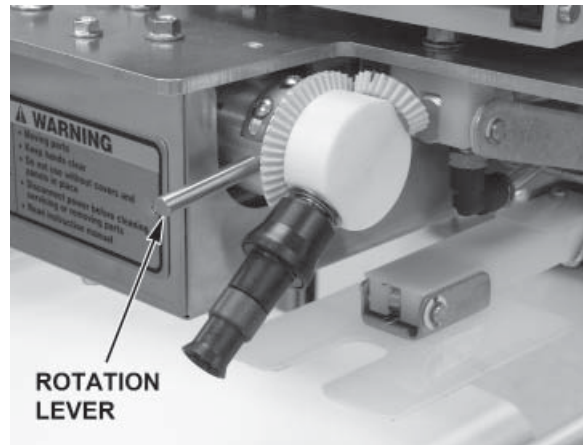


Fig. 7

PACKAGE LIMITATIONS

The package limitations for the CLAS are:

- Package width is 4" to 16"
- Package length is 4" to 11"
- Package height is 1/2" up to 5"

NOTE: Width is defined as the larger of the two dimensions. The package should be placed on the conveyor with the largest dimension parallel to the direction of package travel.

USING WEIGH MODES

There are four different weigh modes that can be used with the CLAS. Use the tabs above the PLU number on the Access PrePack Console to set the weigh mode.

Auto Apply, Wrap, and Label Mode

To set the CLAS in Auto Apply, Wrap, and Label mode, touch the tabs above the PLU number until the Apply, Wrap, and Label tabs are green (Fig. 8). Packages can be automatically weighed and labeled as follows:

- Press the green start button (Fig. 4) on the front of the CLAS. The button will be lit to indicate the CLAS is ready.
- Place the wrapped package on the SP-5 Sealer Belt (Fig. 2).

NOTE: A package placed directly onto the weigher conveyor in this mode will be weighed and a label printed. The package will not be conveyed to the CLAS platform and the label will not be automatically applied. Use the semi-automatic mode instead.



Fig. 8

- The package will automatically pass through the CLAS, weighing the package, printing the label, applying the label, and finally discharging the package from the CLAS.
- Place another package on the conveyor to repeat.

NOTE: After 1 minute with no packages being sensed, the CLAS compressor will shut off.

Auto Apply and Label Mode

To set the CLAS in Auto Apply and Label mode, touch the tabs above the PLU number until the Apply and Label tabs are green (Fig. 9). Packages can be automatically weighed and labeled as follows:

- Press the green start button (Fig. 4) on the front of the CLAS. The button will be lit to indicate the CLAS is ready.
- Place the wrapped package on CLAS weigher conveyor (Fig. 4).
- The package will automatically pass through the CLAS, weighing the package, printing the label, applying the label, and finally discharging the package from the CLAS.
- Place another package on the CLAS weigher conveyor to repeat.

NOTE: After 1 minute with no packages being sensed, the CLAS compressor will shut off.

Auto Label Mode

To set the CLAS in Auto Label mode, touch the tabs above the PLU number until only the Label tab is green (Fig. 10). Packages can be manually weighed as follows:

- Place the wrapped package on the CLAS weigher conveyor (Fig. 4).
- The label will automatically print.
- Remove the package from the conveyor.
- Take the label from the printer and place it on the package.

Manual Weigh Mode

To set the CLAS in Manual Weigh mode without any automatic functions, touch the tabs above the PLU number until the Apply, Wrap, and Label tabs are not green (Fig. 11). Packages can be manually weighed as follows:

- Place the wrapped package on the CLAS weigher conveyor (Fig. 4).
- TOUCH the Print button on the screen to print a label.
- Remove the package from the conveyor.
- Take the label from the printer and place it on the package.



Fig. 9



Fig. 10



Fig. 11

CLEANING

⚠ WARNING Disconnect power before cleaning, servicing, or removing parts.

NOTICE Do not clean the CLAS with steam or water hose equipment.

NOTICE Do not use chloride-based cleaners on this equipment.

CLAS MACHINE

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

LABEL APPLIER

Accumulation of label deposits and glue should be removed daily or more frequently if required. Glue deposits or stuck labels can be removed from the machine's surfaces using L.P.S. Spray Cleaner, part number 00-544160, available from your local Hobart office.

⚠ WARNING Before using L.P.S. Spray 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.

SENSORS

Use a cotton swab to clean the four sets of sensors (Fig. 4) on the CLAS.

MAINTENANCE

⚠ WARNING Disconnect power before cleaning, servicing, or removing parts.

CLAS ERROR MESSAGE CHART

The CLAS is equipped with various sensors that supply information to the Access PrePack System. If an issue is sensed, a message will appear on the Access PrePack Console. Follow the directions on the error message and use the chart below.

Error Message	Action
Wake up sensor is blocked	<ol style="list-style-type: none"> 1. Remove any item or debris that may be blocking the wake up sensor. 2. Clean the sensor. See CLEANING section. 3. If error prompt reappears, contact Hobart Service.
Weigher package sensor is blocked	<ol style="list-style-type: none"> 1. Remove any item or debris that may be blocking the wake up and/or weigher package sensor. 2. Clean the sensor. See CLEANING section. 3. If error prompt reappears, contact Hobart Service.
CLA package sensor is blocked	<ol style="list-style-type: none"> 1. Remove any item or debris that may be blocking the CLA package sensor. 2. Clean the sensor. See CLEANING section. 3. If error prompt reappears, contact Hobart Service.
Applier package sensor is blocked	<ol style="list-style-type: none"> 1. Remove any item or debris that may be blocking the applier package sensor. 2. Clean the sensor. See CLEANING section. 3. If error prompt reappears, contact Hobart Service.
Package gate switch is tripped	<ol style="list-style-type: none"> 1. Remove any item or debris that may be preventing the gate from pivoting. 2. If error prompt reappears, contact Hobart Service.
Label applier stopped communicating	<ol style="list-style-type: none"> 1. Turn the main power switch "OFF" 2. Turn the main power switch "ON" 3. Press the green start button. 4. If error prompt reappears, contact Hobart Service.
Label applier is "OFF"	<ol style="list-style-type: none"> 1. Press the green start button. 2. If error prompt reappears, contact Hobart Service.
Packages may not be labeled	<ol style="list-style-type: none"> 1. Packages placed too close together. 2. Press OK to remove error prompt.
Weigher conveyor jammed	<ol style="list-style-type: none"> 1. Remove any item or debris that may be preventing the weigher conveyor from moving. 2. Press the CLAS stop switch. 3. Press the CLAS start switch. 4. If error prompt reappears, contact Hobart Service.
CLA conveyor jammed	<ol style="list-style-type: none"> 1. Remove any item or debris that may be preventing the CLA conveyor from moving. 2. Press the CLAS stop switch. 3. Press the CLAS start switch. 4. If error prompt reappears, contact Hobart Service.

Error Message	Action
Failed to take label	<ol style="list-style-type: none"> 1. Clean the printer printhead roller 2. Remove any item or debris that may be blocking the CLAS package sensor. 3. Packages placed too close together. 4. Clean the CLAS package sensor. See CLEANING section. 5. Press OK to remove error prompt. 6. If error prompt reappears, contact Hobart Service.
Weigher conveyor stalled	<ol style="list-style-type: none"> 1. Remove any item or debris that may be preventing the weigher conveyor from moving. 2. Press the CLAS stop switch. 3. Press the CLAS start switch. 4. If error prompt reappears, contact Hobart Service.
CLA conveyor stalled	<ol style="list-style-type: none"> 1. Remove any item or debris that may be preventing the CLAS conveyor from moving. 2. Press the CLAS stop switch. 3. Press the CLAS start switch. 4. If error prompt reappears, contact Hobart Service.
Motor 1 fuse may be blown	<ol style="list-style-type: none"> 1. Remove any item or debris that may be preventing the weigher conveyor from moving. 2. Press the CLAS stop switch. 3. Cycle the main power switch. 4. Press the CLAS start switch. 5. If error prompt reappears, contact Hobart Service.
Motor 2 fuse may be blown	<ol style="list-style-type: none"> 1. Remove any item or debris that may be preventing the CLAS conveyor from moving. 2. Press the CLAS stop switch. 3. Cycle the main power switch. 4. Press the CLAS start switch. 5. If error prompt reappears, contact Hobart Service.
Motor 1 bad hall readings	<ol style="list-style-type: none"> 1. Press the CLAS stop switch. 2. Cycle the main power switch. 3. Press the CLAS start switch. 4. If error prompt reappears, contact Hobart Service.
Motor 2 bad hall readings	<ol style="list-style-type: none"> 1. Press the CLAS stop switch. 2. Cycle the main power switch. 3. Press the CLAS start switch. 4. If error prompt reappears, contact Hobart Service.

CONVEYOR JAMMED

If the CLAS or weigher conveyor jammed message appears on the console, disconnect power to the machine, and remove any foreign object that may be causing the conveyor to jam. Reconnect power, and verify that the error message is resolved. If the message reappears, contact your local Hobart-authorized service office.

SERVICE AND PARTS

Contact your local Hobart-authorized service office for any repairs or adjustments needed on the machine.

TROUBLESHOOTING

⚠ WARNING Disconnect power before cleaning, servicing, or removing parts.

NOTE: Refer to the Access Prepack System Operator Manual for any issues with the console or printer.

SYMPTOM	POSSIBLE CAUSE	SUGGESTED CORRECTIVE ACTION
Package is not positioned properly when going through the CLAS.	Film may be too tacky.	Check film storage temperature and humidity.
	Too many packages at one time on the conveyor feeding the CLAS.	Load packages properly.
	Package sensors are blocked or dirty.	See CLEANING section.
	Packages are going into the CLAS at 45 degree angles.	Position the packages more squarely on the conveyor.
	Package placed past first sensor.	Package must be placed on conveyor before the first package sensor.
Motor will not start.	Belts are dirty.	Check and clean belts.
	Check main power switch.	Turn on main power switch.
	Power interruption.	Check power plug or circuit breaker.
	Start button not pressed.	Press start button (green).
Motor will not start; green start button lit.	Error message on Access PrePack Console.	See CLAS Error Message Chart.
	System in Manual Mode.	See Access PrePack System Operator Manual.
	Package sensors are blocked or dirty.	See CLEANING section.
Label delivery problems	Access PrePack Printer is dirty.	See CLEANING section in Access PrePack System Operator Manual.
	Label arm or wand dirty.	See CLEANING section.
	Package sensors are blocked or dirty.	See CLEANING section.
	Package size not correct.	Ensure package size is with the recommend size regulations outlined in this manual.

If the suggestions above do not remedy the problems encountered, contact your local Hobart-authorized service office for any repairs or adjustments needed on the machine.