OPERATOR



SP80 / SP1500
SCALE PRINTER

SP80 / SP1500 / SP21500
SCALE PRINTER SYSTEM

NOTE: Unless noted otherwise, references to model SP1500 also apply to model SP21500.

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FORM 16988 Rev. E (7-97)

TABLE OF CONTENTS

GENERAL 4

- Recall of Information 5
- Label Types and Dimensions 5
- Printer 5
- Loading Label Stock 5

CONTROLS 6

- Operator Keyboard 8

OPERATION 10

- Power Up Sequence 10
- Reset Date (and Time) 10
- Void 11
- Rezero 11
- Random Weight Mode 12
- By Count Mode 13
- Prepack Mode 14
- Item Ticket Mode 16
- Fixed Weight Mode 19
- Printing a List of PLU's 20
- Miscellaneous Product Labeling 21
- Recall and Temporary Override of Programmed Item File Information 23

MAINTENANCE 25

- Cleaning 25
- Changing Label Roll 25

TROUBLESHOOTING 25

LABEL TYPES 27

WARNING:

This equipment has been tested and found to comply with the limits for a Class A computing device, pursuant to Part 15 of the 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.

Verification of information on labels should be made routinely. Check the multiplication of price-per-pound times weight and check the indicated weight against printed weight. Weigh the same package several times to verify consistency. Bear in mind that some packages which weigh near the middle of the .01 lb. increment will normally vary up or down by .01 lb. Greater variations than .01 lb. indicate a need for adjustment of the system. In such cases, or whenever necessary, call you authorized Hobart service representative.

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SP80/SP1500 SCALE PRINTER SYSTEM OPERATOR MANUAL

Save These Instructions

GENERAL

The SP80/SP1500 Scale Printer System prints merchandising labels used to identify, price, and Bar Code a variety of supermarket items. PLU Code, UPC Number, description, class, tare weight, shelf life, product life, and price per unit — are field names used to code labels. Expanded text, nutrifacts, and nutridata fields allow the SP1500 to provide cooking instructions, ingredients, and/or nutritional information.

The elevated display panel enables both customer and operator to view numeric transaction data: Weight, Price ($ / lb. or By Count quantity) and Total Price for the item. The optional Marquee Display allows a special advertising message or the product description to be viewed by the customer in addition to the transaction data.

Programming instructions are provided in a separate Supervisor Manual.



Model SP80 or SP1500



Model SPS

Model SP21500

Not shown — Model CSWS (scale for NSW Stretch Wrapper)

Recall of Information

The 26 Speed keys, along with the Shift key, allow you to recall any of 52 PLU's or Operator ID's using only one or two keystrokes. The system prints a Speed Key Overlay which fits under the keyboard bezel to identify each key at a glance (see Supervisor Manual).

Also, any item may be recalled by entering its PLU Code at the PLU ? prompt. If AutoLookup is not enabled, press Enter after entering the PLU Code number.

Label Types and Dimensions *

Label Type	0	1 (J)	2	3 (K)	4 (L)	5
Length	1 1/4"	1 3/4"	2 1/4"	3"	4 1/2"	6"
Width	2 1/4"	2 1/4"	2 1/4"	2 1/4"	2 1/4"	2 1/4"

* Old Styles shown in parenthesis.

Continuous roll 2 1/4" wide adhesive backed paper may be used on SP1500 to print labels and for itemized tickets which accumulate a total for a group of items. Thermal print adding machine paper, 2 1/4" wide, may be used for certain Supervisor functions.

Printer

The SP80/SP1500 System includes a thermal printhead requiring no ink or ribbon. Thermal print labels (preprinted or plain) are used for transactions. Large diameter rolls are used only on model SP21500 due to its large cartridge capacity. SP80 uses only Label Type 1 (formerly J size).

Loading Label Stock

On models SP80 and SP1500, follow instructions underneath the platter to install label rolls. On model SP21500, follow instructions located inside the printer door for installing label rolls. Hobart labels are recommended in the interest of minimizing service problems and extending printhead life.

CONTROLS

VIEW UNDERNEATH SP80/SP1500 SCALE (Fig. 2)

Cord Connection — Disconnects SP from electrical power source.

RS485 — *SCALEMASTER*™ or *MiniNetwork*™ Communications Port (Optional with Networking Board)

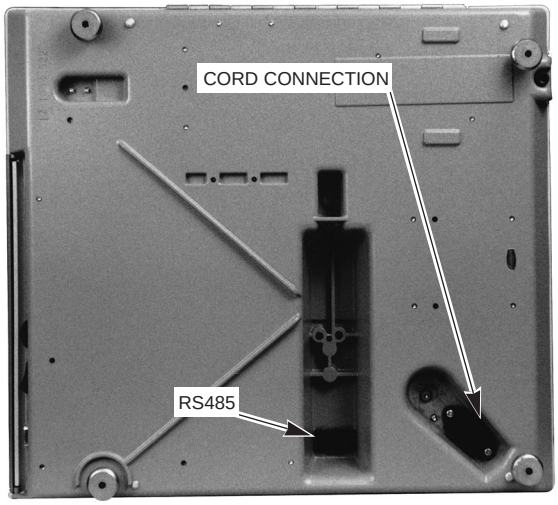


Fig. 2 PL-41027-1

SP80/SP1500 SCALE PRINTER SYSTEM (Fig. 3)

RS232 Communications Port — Used for loading or storing files from Disk or Cassette Recorder.

Reset/Operate Switch — Switches SP from Reset to Operate condition.

View Angle Knob — Adjust for ease of viewing operator display.

Elevated Display — Shows Weight, Price/lb., and Total Price.

Operator Display — Prompts the operator or displays entered data.

Label Taken Sensor — Senses presence of printed labels.

Label Eject Slot — Labels emerge here.

Platter — Place object to be weighed here.


WEIGHT lb
Zero
Net
PRICE $/lb
lb for
Items
TOTAL PRICE
$
Prepack
Subtotal
Capacity 30 X .01 lb.
HOBART
PL-50160

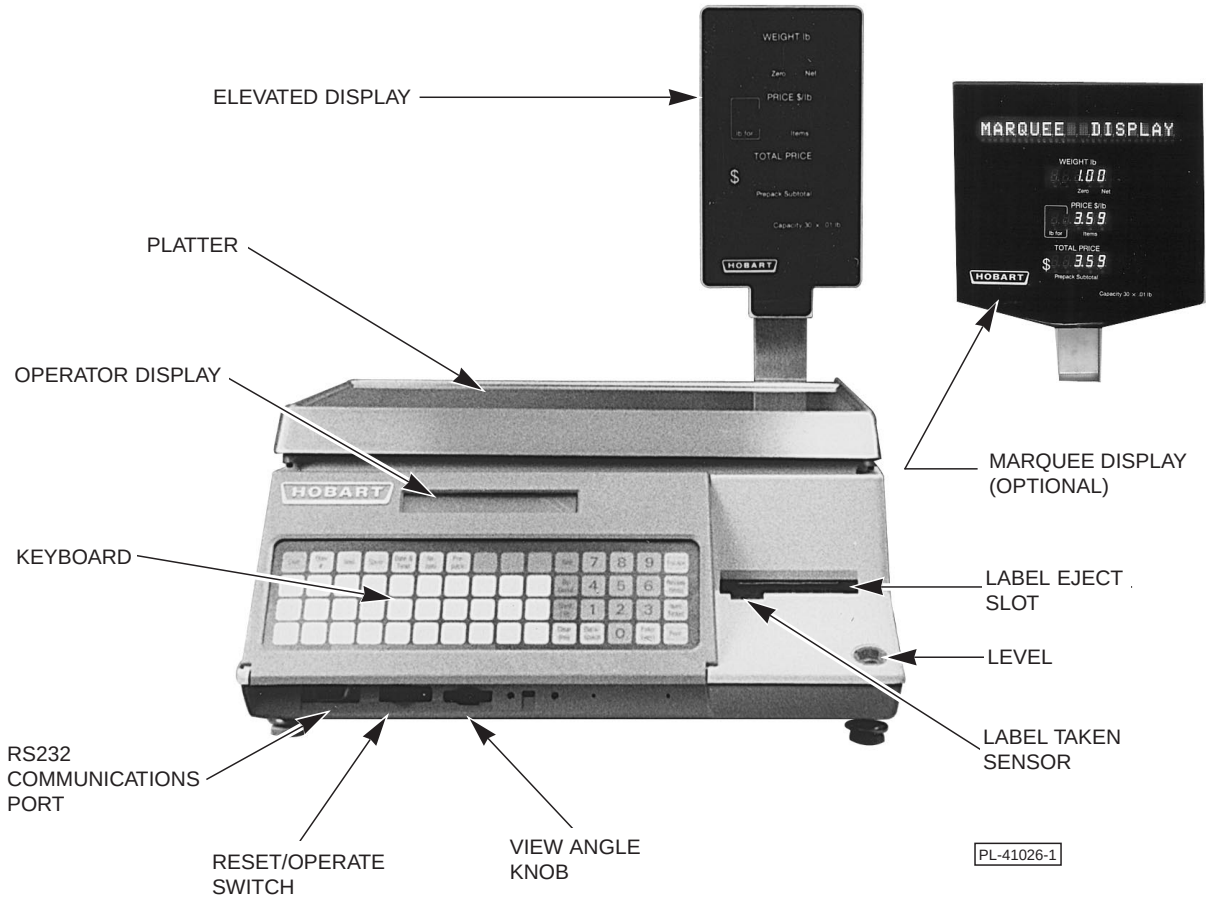

ELEVATED DISPLAY
PLATTER
OPERATOR DISPLAY
KEYBOARD
RS232
COMMUNICATIONS
PORT
RESET/OPERATE
SWITCH
VIEW ANGLE
KNOB
MARQUEE DISPLAY
(OPTIONAL)
LABEL EJECT
SLOT
LEVEL
LABEL TAKEN
SENSOR
MARQUEE DISPLAY
HOBART
PL-41026-1

Fig. 3

OPERATOR KEYBOARD (Fig. 4)

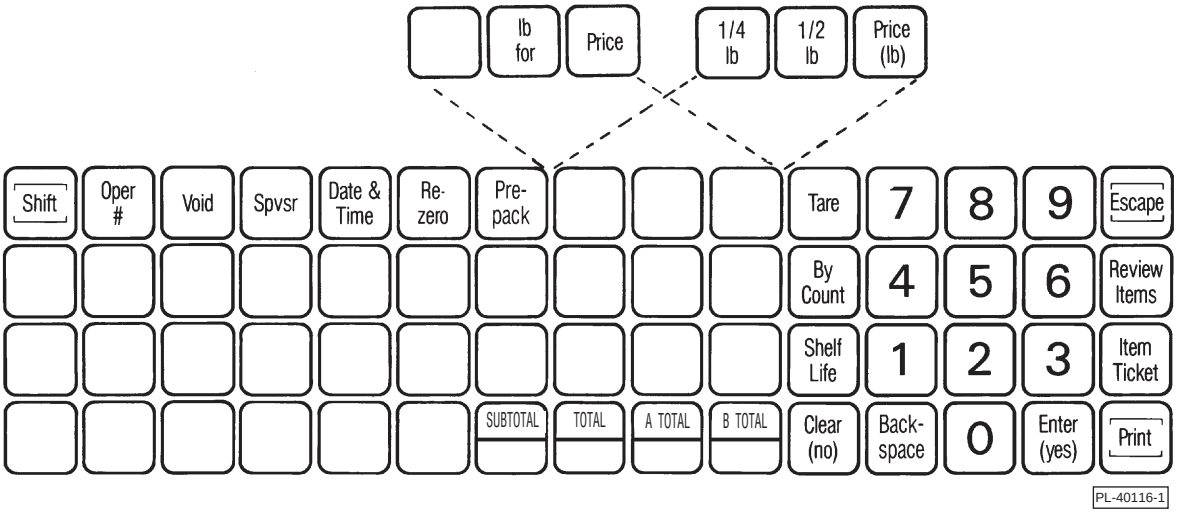


Fig. 4

Shift - Selects an alternate PLU or Operator ID for any Speed Key.

Oper # - If Operator Numbers are required in your system, this key allows entry of an operator ID number (1 - 4 digits).

Void - Subtracts previous transaction from totals. On SP1500, in addition to the preceding, voids an item from an Itemized Ticket.

Spvsr - Enters Supervisor Mode (or checks security).

Date & Time - Reset Date or Date & Time.

Rezero - Reset system weight to zero.

Prepack - Will repeat the current PLU data on the next label, or will toggle Prepack on and off (if configured).

[lb. for]* - Temporary override of price of X pound(s).

[1/4 lb.]* - Temporary override of price of $^1/_4$ pound.

[1/2 lb.]* - Temporary override of price of $^1/_2$ pound.

Price - If a PLU code has been entered, this reviews the current price and allows you to accept it or enter a new price.

- If a PLU code has not been entered, this calls up PLU code 999991 for a miscellaneous random weight item and allows you to set the price/lb.

* Optional on SP80 or SP1500 models. **NOTE:** To exercise these price modifiers, you must press the Price key before pressing a fractional or multiple pound (or kg) modifier key, if enabled. Fractional and multiple pound pricing cannot both be configured on the same scale because these features use some of the same keys. Overlays are provided with your scale to identify the location of those keys on your keyboard.

Tare - If a PLU has been entered, this reviews the current tare weight and allows you to accept it or enter a new tare weight.

- If a PLU has not been entered, this calls up PLU code 999991 and allows you to set the tare weight for the miscellaneous random weight product.
- Allows the Net Weight value to be reviewed or temporarily overridden on a Fixed Weight or Bakery item.

0 - 9 - Enters numeric values.

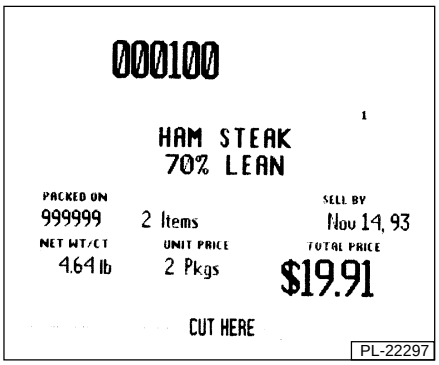
26 Speed Keys - Accesses PLU data or Operator ID's assigned to that key. If the Shift Key is pressed before the Speed Key, the alternate PLU data or Operator ID is accessed.

SUBTOTAL - prints accumulated totals for the current PLU in Prepack Mode and clears Subtotal.

TOTAL - prints accumulated totals for the current PLU in Prepack Mode and clears Subtotal and Total.

A TOTAL - (if enabled by service) after a PLU is called up, adds the current transaction values to A TOTAL rather than Production Total and is reviewable during Recall of Totals. If configured, automatically changes the first UPC digit to 1.

Totals / Subtotals Label



B TOTAL - (if enabled by service) after a PLU is called up, adds the current transaction values to B TOTAL rather than Production Total and is reviewable during Recall of Totals. If configured, automatically changes the first UPC digit to 2.

By Count - If a "by count" PLU has been entered, this reviews the current "by count" quantity and allows you to accept it or enter a new quantity.

- If a PLU has not been entered, this calls up PLU code 999990 and allows you to set the by count quantity for a miscellaneous by count item.

Shelf Life - Allows the Shelf Life value to be reviewed or temporarily overridden. Also, if enabled and the Shelf Life and Product Life values are different, this key alternately displays the two values and allows either to be selected and used for calculation of the Sell By date.

Clear (no) - Clears data or printer errors or answers 'no'.

Backspace - Removes the last character when entering data.

Enter (yes) - Begins recall of PLU data from memory or answers 'yes'.

Escape - Clears the previously entered PLU and returns the operator display to 'PLU ?'. If PLU ? is displayed, pressing this key will require an Operator ID to be entered if Operator ID's are programmed. If PLU ? or Operator ID is displayed, pressing this key will show any system errors such as "Neg Gross Weight" that might exist at that time.

[Review Items]* - When making an itemized ticket, allows you to review each item before printing. Items may be voided using void key.

[Item Ticket]* - Initiates itemized ticket mode.

Print - Prints a label. On SP1500 model, in addition to the preceding, saves an item or prints an item ticket.

* Optional on SP1500.

OPERATION

POWER UP SEQUENCE

This function must be executed each time the system is turned on.

	SEE	DO
1.	OPERATOR DISPLAY is blank.	Press the RESET/OPERATE switch on the dot and adjust the VIEW ANGLE dial so the OPERATOR DISPLAY can be read.
2.	Hobart SP Series	Go to step 3, 4, or 5 depending on the operator display.
3.	Date MM-DD-YY	If date is OK, press Enter and go to step 4 or 5 depending on the operator display.
	MM = Month DD = Date YY = Year	To reset the date, press Clear and reenter the month, date and year as a 6-digit number. Example: 050189 means May 1, 1989. Then press Enter (yes). Go to step 4 or 5 depending on the operator display.
4.	* Operator ID	Enter the Operator ID number.

NOTE: This step is optional if Operator ID's are programmed and required by your system. If Operator ID's are programmed on your system, press the Oper. # key to logon a new operator. You must enter an Operator ID whenever the system requests you to do so.

5.	* PLU ?	Go to step 1 (any mode).

* Scale Warm-up may be displayed for a few seconds, indicating the scale is busy.

RESET DATE (AND TIME, if applicable)

This procedure will reset the date (and time, if applicable). **NOTE**: On some scales this procedure is restricted to Supervisor Mode only. Time is available only on scales equipped with the optional network board or clock board.

	SEE	DO
1.	PLU ?	Press Date & Time.
2.	Date MM-DD-YY	If date is OK, press Enter and go to step 3 or 6 depending on the operator display.
	MM = Month DD = Date YY = Year	To reset the date, press Clear and reenter the month, date and year as a 6-digit number. Example: 050189 means May 1, 1989. Then press Enter (yes). Go to step 3 or 6 depending on the operator display.
3.	Time HH:MM:SS Am (or Pm)	If the time is OK, press Enter and go to step 6. To reset the time, press Clear (no), reenter the time as a 4-digit number and press Enter. Example: 07:11 means eleven minutes after seven.
4.	Am? yes/no	Answer Enter (yes) for morning (a.m.) or Clear (no) for afternoon (p.m.)
5.	Time HH: MM:SS Am (or Pm)	Press Enter.
6.	PLU ?	Go to step 1 (any mode).

VOID

If you make a label with a mistake on it, this procedure will remove the last transaction from the totals.

Immediately after the label is printed:

	SEE	DO
[0.	Operator ID	Enter the Operator ID and press Enter.

NOTE: This step is present only if logon is required on your system.]

1.	PLU ? or Item ?	Press Void.
2.	Void Transaction	Confirms that the transaction was voided.

PLU ?

When in Item Ticket Mode on a Model SP1500, this procedure works a bit differently. See the Item Ticket Mode procedure for voiding an item.

REZERO

If a non-zero number is shown on the WEIGHT display when the platter is empty, this procedure will rezero the scale.

	SEE	DO
[0.	Operator ID	Enter the Operator ID and press Enter.

Note: This step is present only if logon is required on your system.]

1. PLU ?

WEIGHT PRICE $/lb. TOTAL PRICE	– – – – –	*	Press Rezero.
or			
WEIGHT PRICE $/lb. TOTAL PRICE	X.XX	*	Press Rezero.

2. PLU ?

WEIGHT PRICE $/lb. TOTAL PRICE	0.00	*	

Notice the small illuminated triangle under the weight on the face of the elevated display. When lit, the small triangle points to “Zero”, indicating the scale is properly zeroed.

Go to step 1 (any mode).

* Elevated Display

RANDOM WEIGHT MODE

This mode of operation will produce a label for each weighed item.

SEE	DO
[0. Operator ID	Enter the Operator ID and press Enter.

NOTE: This step is present only if logon is required on your system.]

1. PLU ? — Press the Speed Key, or press Shift and the Speed Key, or enter the PLU number and press Enter.*

2. PLU : XXXXXX

Tare WEIGHT	–X.XX
PRICE $/lb.	XX.XX
TOTAL PRICE	

**

NOTE: If enabled, Price, Tare, Shelf Life and/or Prod. Life may be recalled and temporarily changed without changing the permanent item file. If the price is 0.00 in the item file, you must press Price and enter a new price; otherwise a weight only label (price is blank) is produced. If Forced Tare (blank in the Tare field) is used, the system prompts you to enter a new tare automatically.

Place package on platter.

3. PLU : XXXXXX

Net WEIGHT	X.XX
PRICE $/lb.	XX.XX
TOTAL PRICE	XXX.XX

** — Total Price is calculated. Press Print. A Label is issued.***

4. Take Label — Remove package from platter. Apply label on package.

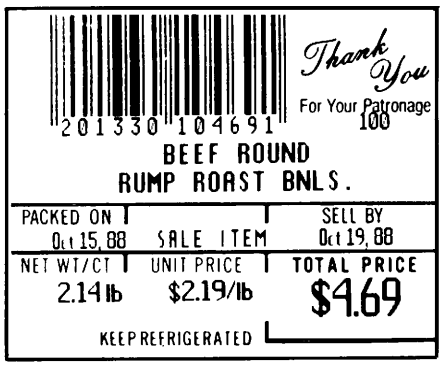
5. PLU ? — Repeat from step 1 (any mode).

* Enter is not required if using the AUTO LOOKUP feature. Auto Lookup can be configured in Supervisor Mode to automatically recall a PLU after a fixed number of digits (2 to 6) has been pressed.

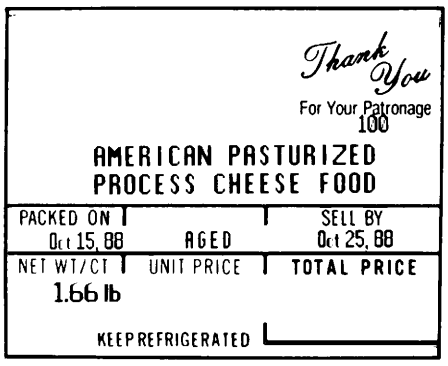
** Elevated Display.

*** If enabled by service, price per unit can be entered up to 999.99. A total price of 100.00 or more will print up to 999.99 but the UPC Bar Code will not print.

BY WEIGHT LABEL



WEIGHT ONLY LABEL



PL-21022-1

BY COUNT MODE

This mode of operation will produce a different label for a quantity of items sold By the Count.

	SEE	DO
[0.	Operator ID	Enter the Operator ID and press Enter.

NOTE: This step is present only if logon is required on your system.]

1.	PLU ?	Press the Speed Key, or press Shift and the Speed Key, or enter the PLU number and press Enter.*
2.	PLU : XXXXXX	
3.	Quantity X PRICE/1 XX.XX TOTAL PRICE XXX.XX **	

NOTE: If enabled, Price, By Count quantity, Shelf Life and/or Prod. Life may be recalled and temporarily changed without changing the permanent item file. If the price is 0.00 in the item file, you must press Price and enter a new price; otherwise a quantity only label is produced. If an Exception Price has been programmed, the calculated price for any quantity other than a multiple of the By Count quantity will use the Exception Price as part of the calculation. A value only label is produced when the by count quantity is set to 1.

NOTE: If enabled, actual weight can be printed on the label for by count items when the quantity is 1.

If store management is tracking weight totals on by count items, place the package on the scale platter.

If the elevated display is OK, press PRINT and a label will be issued. ***

4.	Take Label	Apply label on package.

5. - To make additional labels, repeat steps 3 and 4.

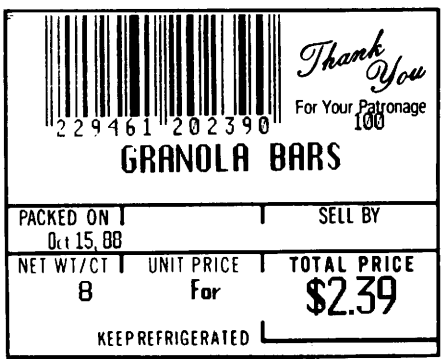
   - To process a different item, press Escape and go to step 1 (any mode).

* Enter is not required if using the AUTO LOOKUP feature.

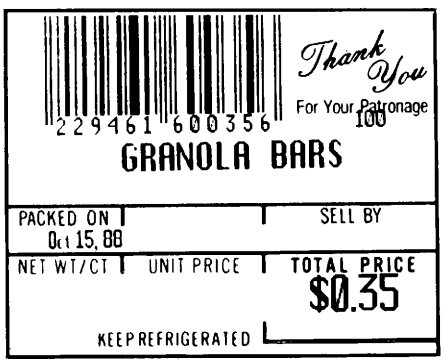
** Elevated Display.

*** If enabled by service, price per unit can be entered up to 999.99. A total price of 100.00 or more will print up to 999.99 but the UPC Bar Code will not print.

BY COUNT LABEL



VALUE ONLY LABEL



PL-21023-1

PREPACK MODE

This mode is used when several packages of the same product are being processed. In Prepack Mode, you can print a Subtotal or Total label anytime during a run (while the PLU is called up) by selecting the appropriate speed key.

	SEE	DO
[0.	Operator ID	Enter the Operator ID and press Enter.
	NOTE: This step is present only if logon is required on your system.]	
1.	PLU?	Press the Speed Key, or press Shift and the Speed Key, or enter the PLU number and press Enter.*
2.	PLU : XXXXXX	If the product is sold by weight, go to steps 3, 4 and 5. If the product is sold by the count, go to steps 6 and 7.

If the product is sold by weight:

3.	PLU : XXXXXX Tare WEIGHT PRICE $/lb. TOTAL PRICE	–X.XX XX.XX	**

NOTE: If enabled, Price, Tare, Shelf Life and/or Prod. Life may be recalled and temporarily changed without changing the permanent item file. If the price is 0.00 in the item file, you must press Price and enter a new price; otherwise a weight only label (price is blank) is produced. If Forced Tare (blank in the Tare field) is used, the system prompts you to enter a new tare automatically.

				Press Prepack. Notice the small triangle above Prepack on the elevated display. *** To add to A or B Totals, press the A Total or B Total key.
				Place package on platter.
4.	PLU : XXXXXX Net WEIGHT PRICE $/lb. TOTAL PRICE	XX.XX XX.XX XXX.XX	**	The Total Price is calculated. **** A label is issued. *****
5.	Take Label			Remove package from platter. Apply label on package. Go to step 8. Subtotal and Total keys may be used.

* Enter is not required if using the AUTO LOOKUP feature.

** Elevated Display

*** If enabled and Prepack is toggled on, you may not need to press Prepack. Look for the small triangle above Prepack on the elevated display.

**** Press Print if the Auto Print feature is off in your system's configuration.

***** If enabled by service, price per unit can be entered up to 999.99. A total price of 100.00 or more will print up to 999.99 but the UPC Bar Code will not print.

If the product is sold by the count:

6. PLU XXXXXX

Quantity	X
PRICE/1	XX.XX
TOTAL PRICE	XXX.XX

**

NOTE: If enabled, Price, By Count quantity, Shelf Life and/or Prod. Life may be recalled and temporarily changed without changing the permanent item file. If the price is 0.00 in the item file, you must press Price and enter a new price; otherwise a quantity only label is produced. If an Exception Price has been programmed, the calculated price for any quantity other than a multiple of the By Count quantity will use the Exception Price as part of the calculation.

Press Prepack. Notice the small triangle above Prepack on the elevated display.***

Place package on platter.****
A label is issued.*****

7. Take Label

Remove package from platter. Apply label on package. Go to step 8.

If the product is sold by fixed weight, refer to section titled FIXED WEIGHT MODE.

8. To process additional packages of the same type:

   - if product is sold by weight, repeat steps 3, 4 and 5.

   - if product is sold by the count, repeat steps 6 and 7.

   To process a different item:

   - Press Escape and go to step 1 (any mode).

** Elevated Display

*** If enabled and Prepack is toggled on, you may not need to press Prepack. Look for the small triangle above Prepack on the elevated display.

**** Press Print if the Auto Print feature is off in your system's configuration.

***** If enabled by service, price per unit can be entered up to 999.99. A total price of 100.00 or more will print up to 999.99 but the UPC Bar Code will not print.

ITEM TICKET MODE

This mode (available on SP1500 model only) is used to accumulate several different items on the same ticket with a Total Price for all items using continuous label stock. If enabled, the SP1500 can print individual labels and total labels. Individual item labels may have bar codes, if enabled; itemized total labels always have bar codes with the dollar amount in the code (up to 99.99). Individual item labels can be printed on continuous roll adhesive backed paper or on label stock. When using label stock, 3 transactions fit on 3" labels, 6 transactions on $4^1/_2$" labels.

	SEE	DO
[0.	Operator ID	Enter the Operator ID and press Enter.

NOTE: This step is present only if logon is required on your system.]

1.	PLU ?	Press Item Ticket. Notice the small triangle above Items on the elevated display.

NOTE: If your system is set-up for Item Ticket Mode only, skip step 1.

2.	Item ?	Press the Speed Key, or press Shift and the Speed key, or enter the PLU number and press Enter.* If the product is By Weight, go to steps 3, 4, 5 and 6. If the product is By Count or by Fixed Weight, go to steps 7, 8, and 9.

If the item is sold by weight:

3. Item : XXXXXX

Tare WEIGHT	–X.XX	
PRICE $/lb.	XX.XX	
TOTAL PRICE		**

NOTE: If enabled, Price , Tare, Shelf Life and/or Prod. Life may be recalled and temporarily changed without changing the permanent item file. If the price is 0.00 in the item file, you must press Price and enter a new price; otherwise a weight only label (price is blank) is produced. If Forced Tare (blank in the Tare field) is used, the system prompts you to enter the tare automatically.

Place package on platter.

4. Item : XXXXXX

Net WEIGHT	XX.XX	
PRICE $/lb.	XX.XX	
TOTAL PRICE	XXX.XX	**

The Total Price is calculated. Press Print to accept the item or print an individual item label.

5. Item Saved
   Item : XXXXXX

Net WEIGHT	XX.XX	
PRICE $/lb.	XX.XX	
TOTAL PRICE	XXX.XX	**

Remove package from platter.

6.	Item ?	If there are additional items, go to step 2. If you wish to review the items, go to step 10. If you wish to void an item, first review the items, remembering the item number (steps 10-12); then void the item (steps 13-15). If you wish to print the Item Ticket, go to step 16.

* Enter is not required if using the AUTO LOOKUP feature.

** Elevated Display

If the items are sold by the count or by fixed weight:

7. Item : XXXXXX

Quantity	X	
PRICE/1	XX.XX	
TOTAL PRICE	XXX.XX	**

NOTE: If enabled, Price, By Count quantity, Shelf Life and/or Prod. Life may be recalled and temporarily changed without changing the permanent item file. If the price is 0.00 in the item file, you must press Price and enter a new price; otherwise a quantity only label is produced. If an Exception Price has been programmed, the calculated price for any quantity other than a multiple of the By Count quantity will use the Exception Price as part of the calculation.

Press Print to accept the item or print an individual item label.

8. Item Saved
   Item : XXXXXX

Quantity	X	
PRICE/1	XX.XX	
TOTAL PRICE	XXX.XX	**

Press Escape.

9. Item ?

If there are additional items, go to step 2.

If you wish to review the items, go to step 10.

If you wish to void an item, first review the items, remembering the item number (steps 10-12); then void the item (steps 13-15).

If you wish to print the Item Ticket or Itemized Total, go to step 16.

To review items on the item ticket:

10. Item ?

Press Review Items.

11. Review Items

12. X YYYYYY ZZ.ZZ

    X = Item number
    YYYYYY = PLU number
    ZZ.ZZ = Item's Price

Press Enter to review the next item. Repeat step 12 until Item ? displays.

If you wish to print a REVIEW label without the UPC bar code and without affecting totals, press Print.

If you wish to void an item, remember the item number and go to step 13.

If you wish to print the item ticket, go to step 16.

** Elevated Display

To void an item on the item ticket:

13. Item ? — Press Void.

14. Void Item XX — Enter the item number you wish to void and press Enter; or just press Enter to void the last item.

NOTE: Items on an item ticket are numbered from 1 to 99 according to the order in which they are entered. Do not use the PLU number when voiding an item.

15. Void Transaction — Confirms the item was voided.

    Item ? — - To enter items, repeat from step 2.

    - To review items, repeat from step 10.

    - To void an item, repeat from step 13.

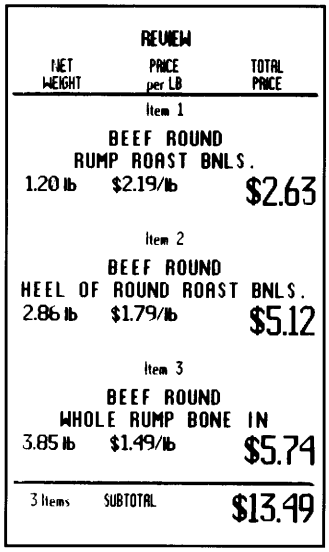
    - To print the Item Ticket or Itemized Total, go to step 16.

To print the item ticket:

16. Item ? — With package removed from platter, press Print; the Item Ticket or Itemized Total is issued.

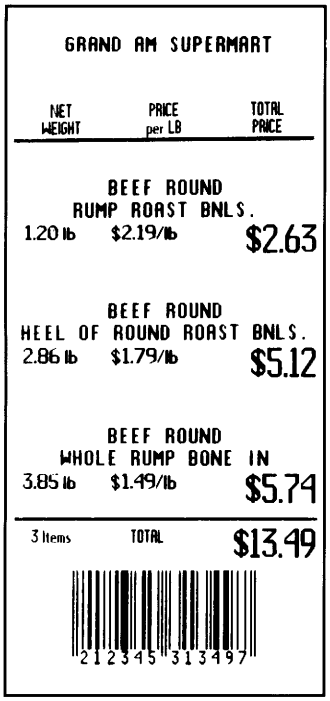
17. PLU ? — Go to step 1 (any mode).

ITEM REVIEW LABEL



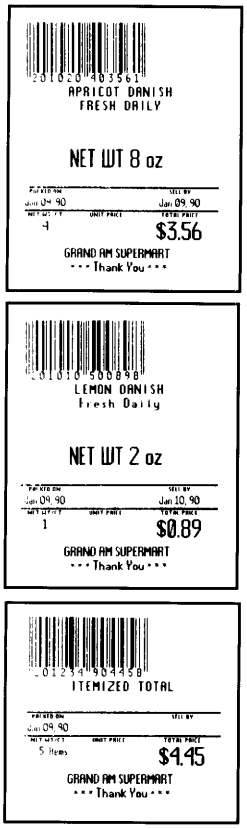
PL-21339

ITEM TICKET

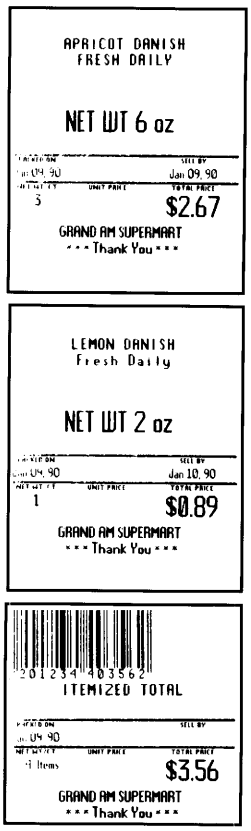


INDIVIDUAL ITEM LABELS

WITH BAR CODE ON EACH LABEL



WITH BAR CODE ON TOTAL ONLY



PL-21398

FIXED WEIGHT MODE

This mode of operation will produce a label or group of labels for any fixed weight item. See label on p. 24.

SEE	DO
[0. Operator ID	Enter the Operator ID and press Enter.

NOTE: This step is present only if logon is required on your system.]

1.	PLU ?	Press the Speed Key, or press Shift and the Speed Key, or enter the PLU number and press Enter.*

NOTE: If enabled, Prepack can be either toggled on and off or always in Prepack.
Unit price can be calculated and printed, if configured.
NET WT statement can be configured to print or not print.

2. Label Count XX

Quantity	1
Total Price	XXX.XX **

NOTE: If enabled, Number System 2 items . . .

- May recall and temporarily change Price, By Count quantity, Shelf Life and/or Prod. Life without changing the permanent item file.
- May recall and temporarily change the Net Weight or Net Content by pressing Tare without changing the permanent item file.
- If the price is 0.00 in the item file, you must press Price and enter a new price; otherwise a fixed weight only label is produced.
- If the By Count quantity is recalled, the net weight and total price will be recalculated.

NOTE: If enabled, Number System 0, 6 or 7 items . . .

- Cannot change Price or By Count quantity; Shelf Life and/or Prod. Life can be recalled and temporarily changed without changing the permanent item file.
- Price (if non-zero) is printed for the customer's benefit only and should be the same value in the scanner system's memory.
- If price is 0.00 in the item file, a fixed weight only label is produced.

NOTE: Prepack can be toggled on here . . .

- If Bakery Prepack is on, the labels are issued without pause; Label Count counts down. Notice the small triangle above Prepack on the elevated display.
  - To allow labels to remain on the backing paper after printing and for convenience of handling, it is recommended that labels and backing paper strip be threaded so it comes out of the label eject slot on the front of the printer. Backing paper does not separate or wind onto the take-up reel. Label taken sensor is disabled to allow printing of a group of labels.
- If Bakery Prepack is off, the labels are issued one at a time; TAKE LABEL displays after each label is printed. In this mode, the backing paper is normally wound onto the take-up reel.
- If enabled, Fixed Weight labels may be printed *WITH VERIFICATION* of the weight of the item; if the platter weight is less than the Net Weight, UNDER WEIGHT will display and the label will not print until the minimum net weight is satisfied; Tare cannot be used with Fixed Weight items.

If you want more than one label, enter the number and press Enter or Print.

If you want one label, press Print and the label is issued.

When enough labels are printed, press Escape.

3. PLU ? Repeat from step 1 (any mode).

* Enter is not required if using the AUTO LOOKUP feature.

** Elevated Display. If enabled by service, price per unit can be entered up to 999.99. A total price of 100.00 or more will print up to 999.99 but the UPC Bar Code will not print.

PRINTING A LIST OF PLU's

If so configured, your SP1500 scale can have several Fixed Weight or several Random Weight items called up prior to printing them consecutively.

Fixed Weight items can be set-up for streaming (on backing paper) on J style labels.

SEE	DO
[0. Operator ID	Enter the Operator ID and press Enter.
NOTE: This step is present only if logon is required on your system.]	
1. PLU ?	Press Print. For Fixed Weight items, follow steps 2 – 4. For Random Weight items, follow steps 5 – 6.
2. LIST PLU?	Enter the PLU Number and press Enter.
3. Label Count	Enter the number of labels you want and press Enter.
4. LIST PLU?	Repeat steps 2 – 3 for all desired Fixed Weight PLUS. When all are listed, press Print to start printing.
5. LIST PLU?	Enter the PLU number and press Enter. Repeat for each PLU on the list. When the list is complete, press Print and go to step 6.
6. PLU: XXXXXX	Place item on platter. Press Print. Label is issued. Place label on package. Repeat for all packages of this PLU. Press Escape to continue to the next PLU. Repeat this step for each PLU.
7. LIST PLU?	Repeat from step 2 or 5, or press Escape and go to step 8.
8. PLU ?	Go to step 1 (any mode).

MISCELLANEOUS PRODUCT LABELING

This is an option which may be programmed in Supervisor Mode.

Miscellaneous items that do not have a PLU code assigned can still be labeled with a random weight bar code and general description. There are two PLU codes (999990 and 999991) programmed for such products. PLU 999990 is for products sold By the Count and is called up by pressing the By Count key. PLU 999991 is for products sold by weight and is called up by pressing Tare or Price keys.

SEE	DO
If the product is sold by the count:	
[0. Operator ID	Enter the Operator ID and press Enter.
NOTE: This step is present only if logon is required on your system.]	
1. PLU ?	Press By Count.
2. By Count 1	Enter the new By Count quantity and/or just press Enter.
3. Price $ 0.00	Enter the new price and press Enter.
4. PLU : 999990	If you wish, press Shelf Life. Enter the shelf life. Press Enter. (Press Shelf Life twice to enter a Product Life.)
By Count quantity XX TOTAL PRICE X.XX **	If the elevated display reads as you like, press Print.
5. Take Label	The label is issued.*** Remove label and apply to package.
6. By Count quantity XX TOTAL PRICE X.XX **	If you want another label and the elevated display reads as you like, press Print and repeat step 6. If you do not want another label, press Escape and go to step 1 (any mode).

** Elevated Display.

*** If enabled by service, price per unit can be entered up to 999.99. A total price of 100.00 or more will print up to 999.99 but the UPC Bar Code will not print.

If the product is sold by weight:

[0. Operator ID — Enter the Operator ID and press Enter.

NOTE: This step is present only if logon is required on your system.]

1. PLU ? — Do these two steps, either one first:

   - Press Price, enter the price/lb. and press Enter. This is required.
   - Press Tare, enter the tare and press Enter. This is optional.

   Go to step 2 or 3.

2. PLU : 999991 — This step is optional.

   Press Shelf Life, enter the Shelf Life and press Enter.

3. PLU : 999991 — If you want a series of Miscellaneous products weighed, Press Prepack. Notice the small triangle above Prepack on the elevated display. Go to steps 4, 5 and 6.

   If you want only one label, go to steps 4, 5, and 6.

4. PLU : 999991

Tare WEIGHT PRICE $/lb. TOTAL PRICE	X.XX X.XX	*	Place package on platter.
Tare WEIGHT PRICE $/lb. TOTAL PRICE	X.XX X.XX XX.XX	*	The Total Price is determined.

5. Press Print. This step is required if you did not press Prepack in step 3 or if Auto Print is off in your system's configuration.

6. Take Label — Label is issued.**

   Remove package and apply label.

   Repeat steps 4, 5 and 6 until done.

   When finished, press Escape and go to step 1 (any mode).

* Elevated Display

** If enabled by service, price per unit can be entered up to 999.99. A total price of 100.00 or more will print up to 999.99 but the UPC Bar Code will not print.

RECALL AND TEMPORARY OVERRIDE OF PROGRAMMED ITEM FILE INFORMATION

This procedure will show you how to temporarily change product data that is stored in the item file. For example, you may wish to change the normal price when marking down day-old items or when honoring a customer's rain check for a previous sale item. You may wish to change the tare when using a packaging tray other than the normal one. Or you may wish to change the shelf life when repackaging items.

Data available for override includes price, tare weight, by count quantity, and shelf life. This override is temporary and does not affect the permanent item record in the scale system's memory. **NOTE:** Your scale can be configured to prevent operator override of any or all of these fields. Override is not active after you enter Prepack Mode. Override of price or by count quantity is not active on Fixed Weight items with Number System 0. If enabled by service, price per unit can be entered up to 999.99. A total price of 100.00 or more will print up to 999.99 but the UPC Bar Code will not print.

SEE	**DO**
If the product is sold by weight:	
[0. Operator ID	Enter the Operator ID and press Enter.
NOTE: This step is present only if logon is required on your system.]	
1. PLU ?	Press the Speed Key, or press Shift and the Speed Key, or enter the PLU number and press Enter.*
2. PLU : XXXXXX or Item : XXXXXX	
Tare WEIGHT PRICE $/lb. TOTAL PRICE	–X.XX XX.XX **
To change the Price:	Press Price. Enter the new price and press Enter.
To change the Tare:	Press Tare. Enter the new tare and press Enter.
To change the Shelf Life (if applicable):	Press Shelf Life. Enter the new shelf life. Press Enter.
To change the Prod. Life (if different):	Press Shelf Life twice. Enter the new product life. Press Enter.

NOTE: If configured, a "sell by" date and "packed on" date is printed for prepack. A "packed on" date (today's date) only is printed when not in prepack.

If Shelf Life is 999, "sell by" date is inhibited.

If Shelf Life is 998, "sell by" date and "packed on" date are inhibited.

3. Continue to weigh, print and label the package as described in Random Weight Mode.

* Enter is not required if using the AUTO LOOKUP feature.

** Elevated Display

If the product is sold by the count or by fixed weight:

[0. Operator ID — Enter the Operator ID and press Enter.

NOTE: This step is present only if logon is required on your system.]

1. PLU ? — Press the Speed Key, or press Shift and the Speed Key, or enter the PLU number and press Enter.*

2. PLU : XXXXXX or Item : XXXXXX

Quantity	X
PRICE/1	XX.XX
TOTAL PRICE	XXX.XX **

To change the Price: Press Price. Enter the new price and press Enter.

To change the By Count quantity: Press By Count. Enter the new By Count quantity and press Enter.

To change the Prod. Life (if different): Press Shelf Life twice. Enter the new product life. Press Enter.

To change the Shelf Life (if applicable): Press Shelf Life. Enter the new Shelf Life and press Enter.

To change the NET WT or FL OZ (if applicable): Press Tare. Enter the new # of ounces and press Enter.

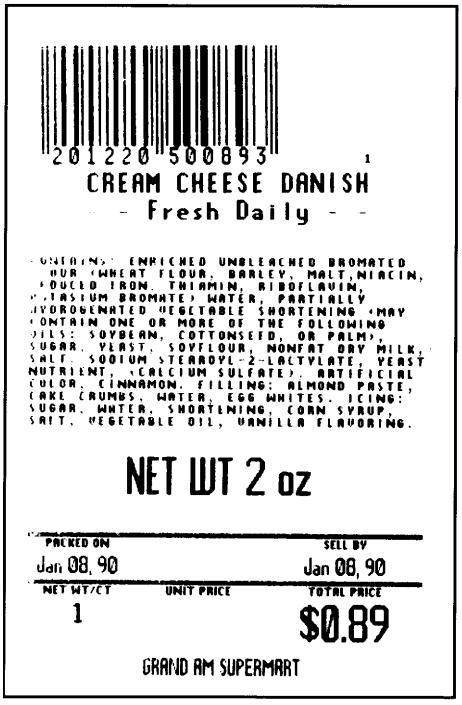
3. Continue to weigh, print and label the package as described in By Count Mode.

* Enter is not required if using the AUTO LOOKUP feature.

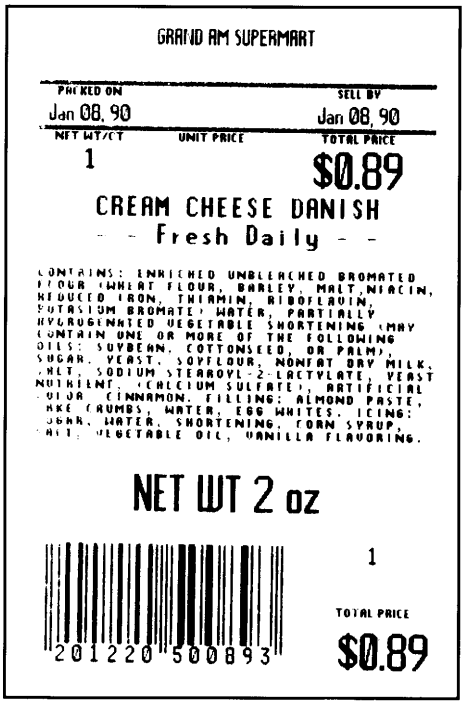
** Elevated Display

FIXED WEIGHT LABELS

With Bar Code at Top



With Bar Code at Bottom



PL-21338

MAINTENANCE

CLEANING

CAUTION: Do not dampen labels, electronic parts, or connections. Do not allow water to enter openings in the housing. This could damage the device.

Use appropriate food containers and wrapping material when weighing product.

Carefully clean the exterior of the scale with a clean sponge or cloth and warm water solution, such as Palmolive green or Ivory liquid dishwashing detergents. The keyboard overlay may be gently wiped with a damp lint-free cloth moistened in the detergent and water solution.

To remove scale platter for cleaning or for changing label rolls, grasp the platter and lift. The platter may be totally immersed in water or wiped with a damp cloth.

A Printhead Cleaning Kit is available; order part 184326. Follow the instructions contained in the kit for cleaning the printhead. Do not use a metal tool on the printhead; this could scratch or break the printhead. The printhead should be cleaned approximately once each week, or whenever unclear labels are printed. Labels should not be permitted to become stuck on machine parts; remove stuck labels at once following instructions in the Printhead Cleaning Kit.

CHANGING LABEL ROLL

When the label supply is depleted, Out of Labels is displayed. To replace the label roll, remove the platter, and follow the LABEL ROLL THREADING instructions on the scale platform. Replace platter. On Model SP21500, follow instructions located inside the printer door.

TROUBLESHOOTING

DISPLAY PROMPT	DEFINITION
Cold Power Up	All data is lost. Data file must be re-installed.
Data Init Error	Data initialization error at power up. Report problem to Supervisor.
Data Mgr. Error	Memory file system error. Report problem to Supervisor.
EEP Read Error	EEPROM configuration read error. Report problem to Supervisor.
Fatal Error	The memory has lost some operating instructions. Unplug the scale system power cord and re-connect.
ID Not Found	The Operator or Supervisor ID does not exist.
Internal Err	Memory file system error with error number. Report problem to Supervisor.
Invalid Entry	PLU, Class, etc. number is not valid. Scale is not configured for this type of item. Press Escape.
Invalid Label	Trying to run an item label without having continuous label stock in the supply holder.
Invalid Tare	The Tare is above the configured maximum.
Label Missing	The label taken sensor did not detect a label during a printing operation.
Labels Jammed	The labels are not moving over the printhead.

Maint Zone Error	The Scale cannot find zero weight.
Neg Gross Weight	The Scale weight is negative (less than zero).
No Record	The requested record does not exist.
Operator ID	An identification number is needed by system security to authorize permission to operate the scale printer.
Out of Labels	The Printer is out of label stock.
Over Gross Wgt	The weight on the platter exceeds 30.09 lbs.
PLU Not Found	The requested PLU does not exist.
Printer Error	Internal printer error.
Printer Head Up	The Printhead is not engaged properly.
Ram Disk Error	Memory file system is corrupt.
Record in Use	Two tasks are attempting to access a data record at the same time. For example: Either Supervisor or Operator Mode and ScaleMaster are both trying to call up a record at the same time.
Record Lost	A class or PLU was linked to a Class that does not report to Class 999999.
Record Not Found	The requested record is not in memory.
Record Suspect	Record may be corrupt.
Rezero Scale	Scale is attempting to reset to zero.
Scale Not Zero	Attempt to enter By Count mode with weight on platter.
Secret ID	Entering an Operator ID of supervisor status (access level 2 - 5) allows entry into Supervisor Mode. The access level of the ID determines which functions may be entered.
Sizing Label	Printer is checking the size and type of label stock being used.
Take Label	The printer is waiting for the label to be taken.
Thermal Overload	The Printhead exceeds the maximum operating temperature.
Under Range	The Scale is indicating a weight that is far below zero.
Wrong Label Type	Trying to print on the wrong type of label (i.e. Individual Labels vs. Listing Paper).
Zero Range Error	Scale is beyond its normal zero range. Be sure platter is installed properly and empty (no weight).

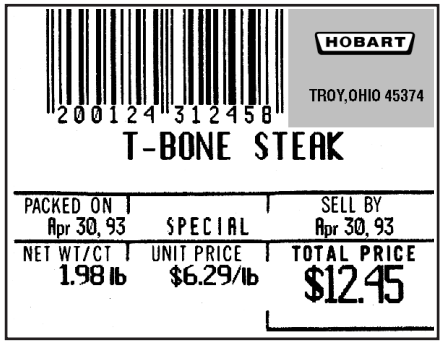
LABEL TYPES

Examples of the different Label Types and the size of each:

0 1.25 x 2.25



1 1.75 x 2.25



2 2.25 x 2.25



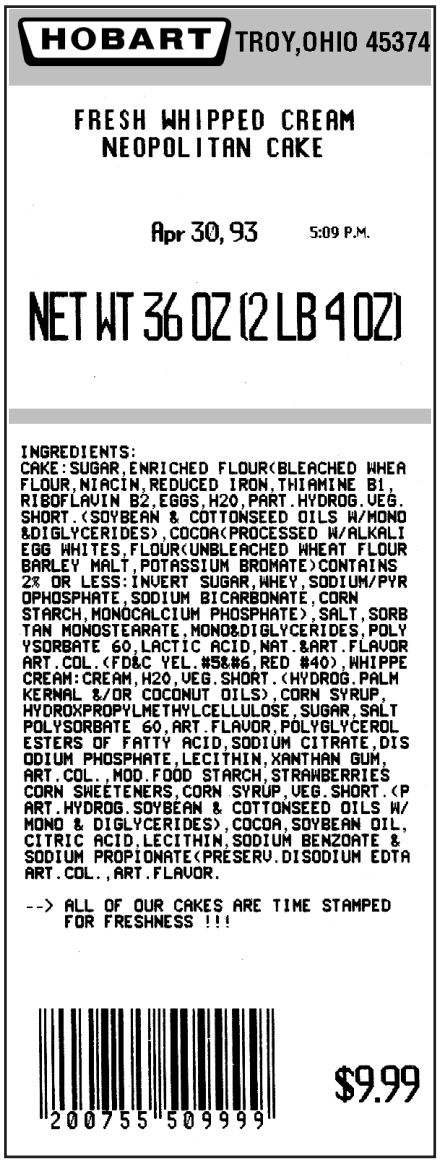
3 3.00 x 2.25



4 4.5 x 2.25



5 6 x 2.25



PL-40090