Quantum® Scale System

Quick-Start Guide

Operator

Models

Quantum Scale/Printer
ML-29032   Wide
ML-29035   Narrow
ML-29037   Wide, Prepack
ML-29039   Linerless
ML-29191   Wide, TCP/IP
ML-29206   Wide, TCP/IP, Prepack
ML-29222   Wide,
                w/Simplified Keyboard

Quantum Hanging Scale
ML-29188

Quantum Printer
ML-29044   Wide
ML-29048   Narrow
ML-29207   Wide, TCP/IP

Quantum Self Service
ML-29041   Wide
ML-29042   Narrow
ML-29192   Control Panel,
                w/30 Speedkeys

Welcome!

This Quick-Start Guide is designed to get you up and running and to use as a handy reference. Refer to the companion *Operator* and *Supervisor Manuals* on CD for complete details.

The Quantum Scale Printer System is perfect for your over-the-counter weighing applications. This state-of-the-art weighing system can handle a broad variety of products for deli, bakery, produce, fish and cheese departments. It can also function in a Prepack Scale mode when necessary.

The easy-to-use control panel allows for productive operation. All necessary operator data appears on the screen, and Function Keys (F1–F8) provide easy access to PLU information.

Topics

The following topics are covered in this Quick-Start Guide:

FCC Note

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful 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 harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference; in which case, the user will be required to correct the interference at his own expense.

Verify Correctness of Weight & Price

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. Keep in mind that some packages which weigh near the middle of the 0.01-lb increment will normally vary up or down by 0.01-lb. Greater variation than 0.01-lb indicates a need for adjustment of the system. In such cases, or whenever necessary, contact your authorized Hobart service representative.

Help

Any time you PRESS [HELP] on the Console, a *Help* Screen
will appear. It is based on the location of your cursor. If you
have not entered anything and PRESS [HELP], you will get
the *Basic Help* Screen. If, for example, you TYPE a PLU
and PRESS [HELP], you will get the *Product Lookup Help*
Screen.

[HELP]

Reset

Located on the left side of the scale, to the right of the
Modnet port, is a small button. This is the Reset Button. If
the scale stops responding, use the Reset Button to reset the
scale back to the *Start a Run* Screen.

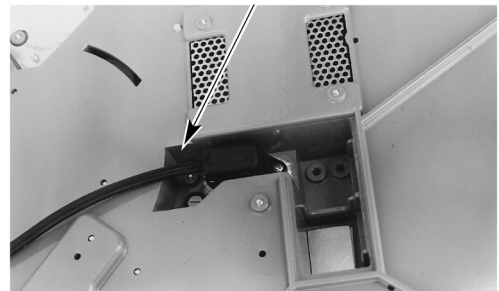To reset the scale, PRESS and hold the Reset Button for 2 to
3 seconds.

RESET BUTTON
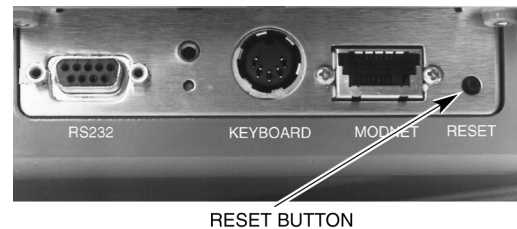
Power Up the System

FIRST TIME ONLY

POWER CORD CONNECTION ON BOTTOM OF SCALE

Normally this is already set up for you, but if necessary:
1. Connect the Power Cord located on the bottom side of the
   scale.
2. Follow Daily Steps 1 through 3.
3. Set the Date & Time if necessary (see next page).

## TO SET THE DATE & TIME:

NOTE: If you do not see the Date/Time box in the upper right corner of the *Start a Run* Screen, this means your Supervisor must set the Date/Time. If so, skip these next eight steps.

From the *Start a Run* Screen:
1. PRESS [F1] to access the *Date/Time* Screen.

2. With the cursor in the Date field, TYPE the Current Date.
3. PRESS [ENTER] or [▼].
4. TYPE the Current Time.
5. PRESS [F1] if needed for AM/PM.
6. PRESS [ENTER] or [▼].
7. PRESS [F3] to change the Current Day.
8. PRESS [ESC].
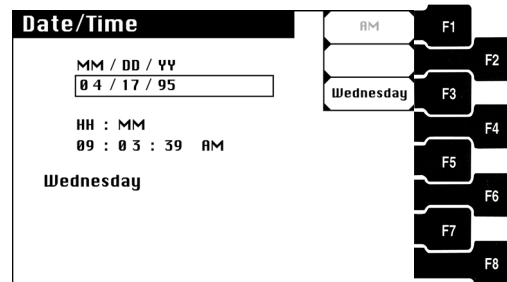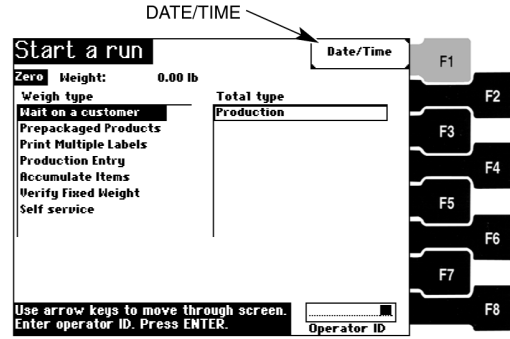
DAILY STEPS:

1. Remove objects from the scale.
2. PRESS [POWER] on the Console.

3. The System Screen displays *Power-up test in progress*. The *Start a Run* Screen displays when the scale is ready. There may be a slight delay (depending on room temperature) until the *Zero Weight* appears on the screen.

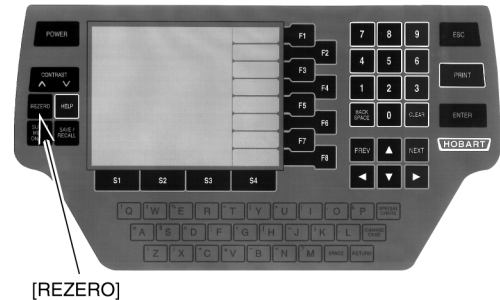NOTE: If Zero Weight does not appear on the screen, follow the steps on the next page to Rezero the Scale.
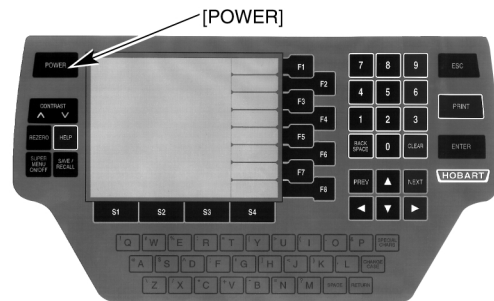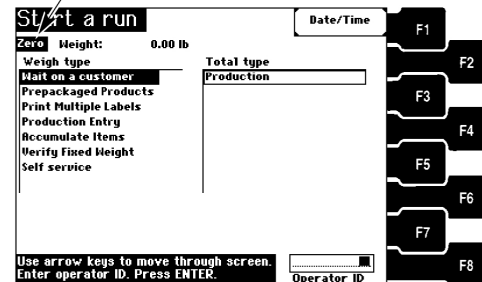
Rezero the Scale

If Zero Weight: 0.00 lb doesn't display on the screen, you must rezero the scale.

To rezero the scale:
1. Remove any item(s) from the weighing platform on the scale.
2. PRESS [REZERO] on the Console.

[REZERO]

Load Labels

♦ You should clean the Printhead and Pressure Roller when refilling the label supply.

To load standard or die-cut labels into the scale, first remove the Label Cassette:

1. Press down on the black Label Cassette Eject Button.
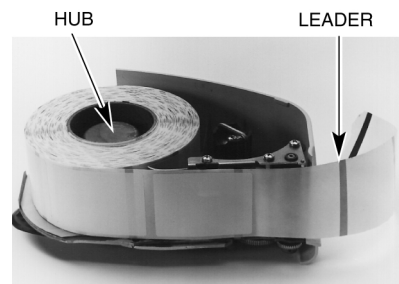2. Grasp the Label Cassette and gently pull it out.

PRESS EJECT BUTTON

PULL GENTLY

TO LOAD LABELS:

3. Remove the labels from the first 10" of the label roll to create a Leader.
4. Place the roll of labels on the Hub in the Label Cassette.

HUB   LEADER

5. Gently pull out the Take-Up Key.
6. Thread the Leader between the Peel Bar and the Cassette Housing, as shown on the label instructions on the inside of the Label Cassette.
7. Wrap the Leader completely around the Take-Up Spool one time.

TAKE-UP KEY   TAKE-UP SPOOL

PEEL BAR   CASSETTE HOUSING

TAKE-UP KEY   TAKE-UP SPOOL
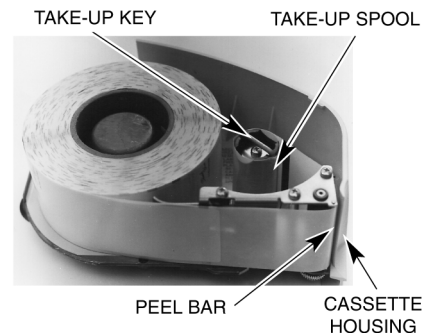
8. Replace the Take-Up Key onto the Take-Up Spool, making sure that it is on the outside of the Leader.
9. Turn the Take-Up Spool counterclockwise until the edge of the first label is even with the Peel Bar.
10. Replace the Label Cassette.

Cleaning & Sanitizing

♦ Proper cleaning prolongs the life and productivity of the machine. Improper cleaning and sanitation will adversely effect performance of the equipment.
♦ This machine should be cleaned routinely during the day and thoroughly cleaned at the end of the day. If the system is not cleaned daily, it will not run consistently and will cause service problems.
♦ Refer to the following Cleaning and Sanitizing guidelines.

Do	Don't
DO cover the complete system during cleanup and hosedown of surrounding areas. Remove cover after hosedown to prevent condensation in the machine. DO use mild soap and water solution to clean the exterior of the Quantum (Palmolive Green or Ivory is recommended). DO apply EPA-registered sanitizer according to label directions to disinfect surfaces.	DON'T dampen labels, electronic parts or connections. DON'T use steam or a pressure (water) hose to clean the system. DON'T allow water to enter the openings in the housing. DON'T use a hose or pour water in any area. DON'T exceed EPA and registered recommended concentrations for detergent or sanitizer. DON'T operate and/or store the system in an environment with relative humidity levels consistently in excess of 70%. DON'T use: • Chloride-based cleaners • Formula 409 • Glass cleaners (e.g., Scotty's Glass Cleaner) • Citrus-based cleaners (e.g., Citro-Sol or Bio-T) • Caustic cleaners with high pH (e.g., Butchers Block, concentrated Lysol or Pinesol)

Clean the Printhead

♦ The Printhead should be cleaned approximately once each week, or whenever unclear labels are printed. It is a good idea to clean the Pressure Roller whenever a new roll of labels is installed.
♦ Do not use a metal tool on the Printhead; this could scratch or break the Printhead.
♦ Labels should not become stuck on machine parts. If they do, remove the labels at once, following the instructions in the Printhead Cleaning Kit.
♦ To obtain a Printhead Cleaning Kit, contact your local Hobart office; request Part Number 00-184326.

TO CLEAN THE PRINTHEAD OR
PRESSURE ROLLER:

1. Check the Printhead and Pressure Roller for labels or adhesive before inserting every roll of labels. Clean as needed.
2. Remove the Label Cassette.

PRESSURE ROLLER

3. Use the plastic "Lil' ChiZler" in the Printhead Cleaning Kit to remove stuck-on label stock.
4. To remove burned-on adhesive, gently rub the Printhead or Pressure Roller surface with the eraser.
5. Soak the cotton swab tip with the Printhead Cleaning Solution.
6. Scrub the Printhead or Pressure Roller with the swab until all residue is removed.
7. Moisten the swab as needed with Printhead Cleaning Solution.
8. Allow the Printhead or Pressure Roller to dry.
9. Return the Cleaning Kit to its holding box.
10. Replace the Label Cassette.

PRINTHEAD CLEANING KIT   PRINTHEAD

How to Start a Run

The following list gives you a brief overview of how each Weigh Type selection functions within an operation. Use the UP ARROW (▲) and DOWN ARROW (▼) keys to move the cursor to the Weigh Type you require. The RIGHT ARROW (▶) and LEFT ARROW (◀) move between the columns.

Weigh Type	Description
Wait on a Customer	Enables you to weigh a customer's package and PRESS [PRINT] to print a single label.
Prepackaged Products	Enables you to automatically print a label for each Random Weight package that is placed on the scale platter. For Fixed Weight PLU's, the Quantum screen prompts you for a label count.
Print Multiple Labels	Enables you to automatically print a predetermined number of fixed weight labels for one item without stopping.
Production Entry	Enables you to enter several items and then print multiple labels for each item. From this mode, you TYPE each product number and quantity, then PRESS [ENTER]. PRESS [PRINT] after you have entered all your items.
Accumulate Items	Enables you to print separate labels for each item and a totals label.
Verify Fixed Weight	No label is printed until the weight of the item is greater than the preset fixed weight. Enables you to verify that the package weight is greater than or equal to the product's fixed weight. For all other products, Quantum automatically prints a label for each package weighed.
Self Service	Refer to *Quantum Self Service Manual* for further details.

TO START A RUN:

1. SELECT Weigh Type (mode).
2. If you need a Total Type other than Production, PRESS [▶] to get to the Total Type column and SELECT your Total Type.
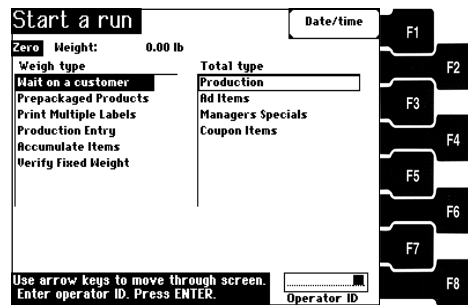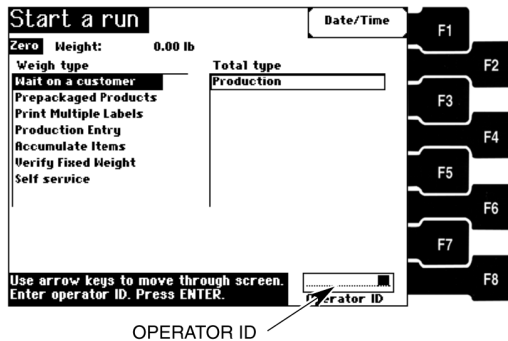
ENTER OPERATOR ID (if required)

If your scale is set up to require an Operator ID, you will see the Operator ID field on your screen. Continue with Step 3.
--OR--
If the Operator ID field is not on your screen, skip to Step 4.

From the *Start a Run* Screen:
3. TYPE your Operator ID number.

4. PRESS [ENTER] to access the *Run* Screen.
5. TYPE the PLU.
6. Place the package on the weighing platform.
7. Depending on your mode of operation, you may have to PRESS [PRINT] to generate a label. Certain Weigh Type modes automatically generate a label when the product is weighed.