Totalcomp TBL-1212-15-SS

Totalcomp TBL-1212-15-SS Industrial Bench/Floor Scale User Manual

Model: TBL-1212-15-SS | Brand: Totalcomp

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient use of your Totalcomp TBL-1212-15-SS Industrial Bench/Floor Scale. This robust, all stainless steel scale is designed for demanding industrial and bakery environments, offering precise portion control and weighing capabilities. It features a heavy-duty platform, a stainless steel load cell, and an integral overload protection system. The TLI indicator provides a clear 6-digit, 2-inch LCD back-lit display for easy readability.

2. SAFETY INFORMATION

Please read all safety instructions carefully before operating the scale to prevent injury or damage to the unit.

- Ensure the scale is placed on a stable, level surface to ensure accurate readings.
- Do not exceed the maximum capacity of the scale (15 lb / 6.8 kg).
- Avoid dropping heavy objects onto the platform, as this can damage the load cell.
- Keep the scale away from strong electromagnetic fields, which can interfere with its operation.
- Disconnect the AC adapter during cleaning or when the scale is not in use for extended periods.
- This scale is designed for wash-down; however, avoid submerging the indicator unit.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Totalcomp TBL-1212-15-SS Stainless Steel Platform
- Totalcomp TLI Stainless Steel Indicator
- 23-inch Column for Indicator Mounting

- AC Adapter
- Rechargeable Battery (pre-installed or separate)
- Adjustable Rubber Feet
- Bubble Level

4. PRODUCT OVERVIEW

The Totalcomp TBL-1212-15-SS scale is built for durability and accuracy in demanding environments. Its key components include:

Image 1: The Totalcomp TBL-1212-15-SS Industrial Bench/Floor Scale. This image displays the complete scale assembly, featuring a square stainless steel weighing platform at the base, supported by adjustable rubber feet. A sturdy stainless steel column extends upwards from the center of the platform, supporting the TLI digital indicator. The indicator has a clear blue back-lit LCD screen displaying '0.000 lb' and several function buttons below it. The 'Totalcomp' logo is visible on both the indicator and the front of the platform.

- **Stainless Steel Platform:** Heavy-duty construction for durability and easy cleaning.
- **Stainless Steel Load Cell:** Ensures accurate and reliable weighing.
- **TLI Indicator:** Features a 6-digit, 2-inch LCD back-lit display for clear readings.
- **Adjustable Feet & Bubble Level:** For precise leveling on uneven surfaces.
- **Overload Protection:** Integrated protection for both static and dynamic overloads.

5. SETUP

Follow these steps to set up your scale:

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for future transport or storage.

2. **Assembly:** Attach the 23-inch column to the scale platform and secure it. Mount the TLI indicator onto the top of the column. Ensure all connections are firm.

3. **Placement:** Place the scale on a firm, stable, and level surface, free from vibrations or drafts.

4. **Leveling:** Use the adjustable rubber feet to level the scale. Check the integrated bubble level on the platform to ensure it is perfectly level. Adjust the feet until the bubble is centered.

5. **Power Connection:** Connect the AC adapter to the indicator and plug it into a suitable power outlet. The internal battery will charge automatically. The scale can also operate on battery power.

6. **Initial Power On:** Press the **ON/OFF** button on the indicator. The display should light up and perform a self-test before showing '0.000'.

6. OPERATING INSTRUCTIONS

6.1. Basic Weighing

1. Ensure the scale is powered on and displays '0.000'. If not, press the **ZERO** button.

2. Place the item to be weighed gently on the center of the platform.

3. Read the stable weight displayed on the TLI indicator.

6.2. Unit Conversion

The scale supports weighing in pounds (lbs), kilograms (kg), grams (g), and pounds:ounces (lb:oz).

- Press the **UNIT** button to cycle through the available weighing units.
- The currently selected unit will be indicated on the display.

6.3. Tare Function

The tare function allows you to subtract the weight of a container, so only the net weight of the contents is displayed.

1. Place the empty container on the platform.

2. Press the **TARE** button. The display will return to '0.000', and the 'TARE' indicator will illuminate.

3. Add the items to be weighed into the container. The display will show only the weight of the items.

4. To clear the tare, remove the container and press the **TARE** button again.

6.4. Over/Under Function

This function is used for check-weighing, indicating if a weight is within, over, or under a set target range. Refer to the indicator's specific manual for detailed setup of over/under limits. The TLI indicator provides visual (lights) and audible (buzzer) alerts.

6.5. Piece Counting

The piece counting function allows you to count a large number of identical items by weighing a sample*Note: lb:oz Piece Counting is not legal for trade.*

1. Place a known number of sample pieces (e.g., 10, 20, 50) on the platform.

2. Access the piece counting mode (refer to indicator manual for specific button sequence, often labeled **PCS** or **COUNT**).

3. Input the number of sample pieces. The scale will calculate the average piece weight.

4. Add more items, and the display will show the total count.

6.6. Animal Weighing

This function is designed to provide stable readings for live animals by averaging fluctuating weights. Refer to the TLI indicator manual for specific instructions on activating and using the animal weighing mode.

7. CALIBRATION

The Totalcomp TBL-1212-15-SS scale is factory calibrated. However, periodic calibration may be required to maintain accuracy, especially after relocation or significant temperature changes. Calibration should only be performed by qualified personnel using certified calibration weights. Refer to the TLI indicator's specific calibration manual for detailed steps or contact Totalcomp support for assistance.

8. MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your scale.

- **Cleaning:** The stainless steel platform and indicator are designed for wash-down. Use a mild detergent and a damp cloth to clean surfaces. Avoid abrasive cleaners or high-pressure water jets directly on the indicator. Ensure the scale is unplugged during cleaning.
- **Inspection:** Regularly inspect the platform, column, and indicator for any signs of damage, loose connections, or wear.
- **Battery Care:** If using battery power, ensure the battery is charged regularly. For long-term storage, charge the battery fully and then store the scale in a cool, dry place.
- **Environment:** Operate and store the scale within the specified environmental conditions to prevent damage.

9. TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Scale does not turn on	No power, discharged battery, faulty AC adapter	Check AC adapter connection and power outlet. Charge battery. Replace AC adapter if faulty.
Inaccurate readings	Scale not level, unstable surface, drafts, calibration required, damaged load cell	Ensure scale is level and on a stable surface. Avoid drafts. Perform calibration or contact service. Inspect for physical damage.
Display shows 'OVERLOAD'	Weight exceeds maximum capacity	Remove excess weight immediately. Do not exceed 15 lb capacity.
Display is unstable/fluctuating	Vibrations, drafts, electromagnetic interference	Move scale to a stable, draft-free location. Keep away from strong electrical devices.

10. SPECIFICATIONS

Feature	Detail
Model Number	TBL-1212-15-SS
Capacity	15 lb (6.8 kg)
Readability	0.002 lb
Platform Dimensions	12 x 12 inches
Overall Product Dimensions	12 x 12 x 4.25 inches (platform); 69 Pounds (total weight)
Material	Stainless Steel (platform, load cell, indicator)
Indicator Display	6-digit, 2-inch LCD back-lit
Weighing Units	lbs, kg, g, lb:oz
Functions	Over/Under (lights and buzzer), Animal Weighing, Piece Counting, Tare, Zero
NTEP Certification (Indicator)	13-090 Class III 6,000 div
NTEP Certification (Platform)	14-050 Class III 5,000 div
Power Source	AC Adapter, Rechargeable Battery
Manufacturer	Totalcomp
Date First Available	August 5, 2016

11. WARRANTY INFORMATION

Totalcomp products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Totalcomp website. Keep your purchase receipt as proof of purchase for any warranty claims.

12. SUPPORT

If you encounter any issues not covered in this manual or require further assistance, please contact Totalcomp customer support. Contact information can typically be found on the manufacturer's website or on the product packaging.

- **Online Resources:** Visit the Totalcomp website for FAQs, additional manuals, and software updates.
- **Technical Support:** Contact Totalcomp technical support for troubleshooting and service inquiries.