



WEIGHING

Make sure the machine is at normal operating temperature.

1. **SET ZERO** Press . Follow the routine on-screen.

Trade-approved weighing systems:

The system is setup so that the zero routine is automated.

2. **SELECT JOB PRESET 1 – 5 / SELECT FROM JOB LIST** () / **NEW JOB** ()

3. **CHANGE TARGET LOAD** (**0.00**), **AND/OR STORE REFERENCES (IF REQUIRED)**.

- 4a. **DYNAMIC WEIGHING - LOAD THE ATTACHMENT AND LIFT** smoothly at a constant speed through the indicated weighing “zone”, maintaining the attachment at the correct angle. Once the weighing zone has passed, the lifted weight is displayed.

- 4b. **STATIC WEIGHING - LOAD THE ATTACHMENT AND LIFT** the load up to the weighing position. The alarm will sound one beep and either the “live” weight or captured weight will be displayed. Keep the machine as steady as possible while the weight is taken.

The instrument will display indicating that the weight is being sampled, and the bucket weight is then displayed.

5. **ENTER WEIGHT** If **AUTO ENTER** () is set, depending on the weigh mode set for the attachment, the weight is automatically added to the load total when,

- (i) the attachment is raised above the weighing position,
- (ii) after a delay of 2 seconds at the weighing position.

If **MANUAL ENTER** () is set, then PRESS the key (or the Remote Enter Switch if fitted), to add to the load total.

The target weight will decrease by the calculated weight to show how much is left to load. The bucket weight figure then indicates the total of all bucket weights () entered so far.

If the bucket weight exceeds the target required, the bucket weight turns **RED** in colour. Manually enter the weight using the Remote Enter button (if fitted), or the key.

Otherwise, there are several methods for “Last Bucket” weighing.

ADJUST WEIGHING POSITION

When the attachment is at the desired weighing position either,

- (i) Press to select the SETUP screen, then press .
- (ii) Press the footswitch (optional). This sets the weighing position just above the current height of the attachment.

“LAST BUCKET” WEIGHING

“CLEAR LAST ENTRY”

If the last added lift is too much, the operator may wish to simply cancel the last lift, tip off some material back onto the pile, and weigh again.

If setup via the ‘Home Screen Functions Setup’ page in the calibration menu, a ‘Clear Last Entry’ function () replaces the ‘Pause’ function () on the weighing screen. This then allows you to immediately remove the last lift from the total with a single key touch.

“UNDO LAST LIFT”

1. Press the key, and select “Undo Last Lift”. This will subtract the last lift from the weighing screen and the Store totals.
2. Tip out some material and then lift again through the weighing zone, until the required amount has been weighed and added again to the total.

“REWEIGH THE REMAINDER”

In some cases where the truck also has an on-board weighing system, the operator may tip a partial amount off the “last bucket” load to “top-off” the truckload, as directed by the truck driver. The “re-weigh” function enables the weight of the material remaining in the bucket to be re-weighed and subtracted from the truck total, ensuring the recorded total matches the actual weight loaded into the truck.

1. Press the key, and select “Reweight the Remainder”.
2. Lift again through the weighing zone. The weight of material remaining in the bucket is subtracted from the truck total.

LIVE STATIC “TIP-OFF” (“LIVE STATIC ON” MODES ONLY)

“Undo last Lift” and “Reweight the Remainder” last bucket weighing are trial and error methods. To assist in measuring the amount required for the last dynamic weighing, the “Live Static Tip Off” feature may be used.

1. Lift the arms up to the weighing position and wait until the “live” calculated weight appears (shown in GREEN).
- As the weight display is “live” it may change as the ‘Static Auto Lock’ factor automatically compensates for the effect of pressure loss over time, while at the weighing position.*
- 2(a). Tip off material back onto the pile (“**Pile Tip Off**” configuration). The instrument displays the weight remaining in the bucket as you tip the surplus material back onto the pile.
 - 2(b). Tip off material into the truck (“**Truck Tip Off**” configuration). The instrument displays the weight tipped off the bucket into the truck (to match the ‘weight left to load’ display).
3. To enter the ‘Live Tip-off’ weight, press the Remote Enter button (if fitted), or the key (“Live Static Tip-off Mode” must be configured to “Pile Tip Off (Manual Add On)”).

RESET FOR NEXT JOB

Press and then to reset for the next loading job. When a Job Total is cleared, the load data for that job is automatically saved to memory, and can then be printed ().

NOTE: *Once started, a job does not have to be completed and cleared before starting another job. This enables the operator to perform and log multiple loading tasks e.g. in a busy environment (ref. ‘Jobs List’). If set up to do so (via the “Printer and Serial Port Setup” menu), a printout in the chosen format will be automatically generated. Also if set up to do so (via the “Database Setup” menu), the instrument will reset the customer/product stores to “Undefined”.*