

# LOADLOG 8000i QUICK REFERENCE GUIDE

## “Weight in bucket” and “Total loaded so far”

This shows the weight in the bucket and then the total loaded, starting at 0.00 and increasing as you load, to show how much has been loaded so far.

## “Target load”

This is the load in tonnes you want to load on the vehicle. As you load, the figure will decrease to show how much is left to load.

## “Return to MAIN Screen”

Press at any time to return from the Tare screen or any other screen, back to the ‘MAIN’ weighing screen displayed here. Press and hold for density input when weighing volumetrically

## Numeric Keypad

Used to enter a ‘Target Load’. If the Target Load displayed is incorrect, just type in a new one, finishing with the Enter key.

Use also for keying in a Preset Tare value.

## “ENTER” Button

When you have typed in a new Target Load, press this button to enter it. Also used to set in the Bucket Zero.

## “Setup” Button

Not used when loading.

## “SD/MMC Card Reader”

## “Power On / Off” Button

Turns the Loadmaster on and off. Note that this unit is also switched through the loader’s ignition key.

## “Zero Button”

Press to select the ‘Bucket Zero’ screen when you want to zero the bucket.

## Automatic / Manual Weight Entering

## TARE Button

Optional TARE entry facility subtracts a set value to provide a NET Weight.

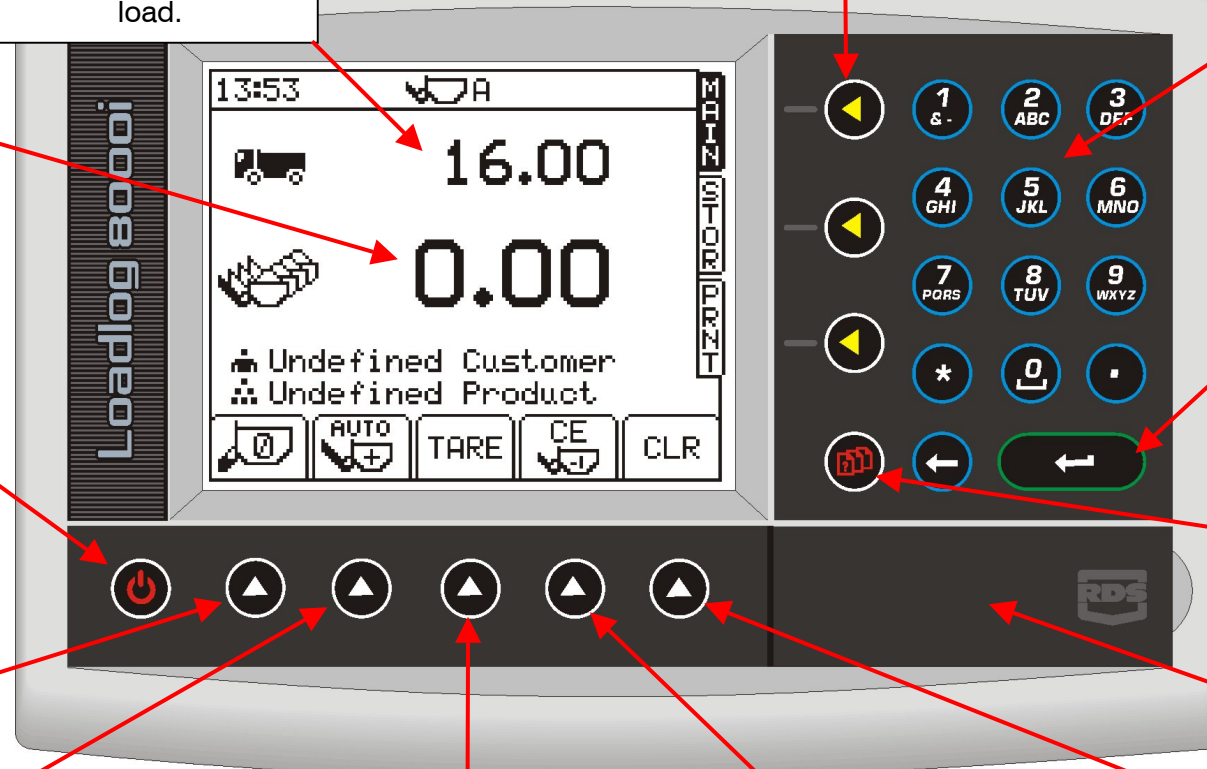
Press and hold until the Tare window appears, then enter the tare value required

## “Clear Entry” (CE) Button

If the last bucket weight was entered in error, then press to delete it.

## “Clear Totals” Button

Press and hold for 1 second to clear the ‘Total Loaded’ and ‘Left to Load’ figures before starting to load a new vehicle.





## LOADLOG 8000 OPERATION



The Loadlog 8000 weighing system is installed mainly on Front End Loaders. Two pressure sensors are mounted on each of the hydraulic lift system. They provide an increase of frequency signal as the load increases. The average frequency is captured at a set weighing point provided by the Reference/Direction sensor assembly. Calculated with a factor, the system weighs the contents in the bucket being lifted. This information can then be saved to a certain customer or product memory store.

The system operates in a Non-Approved weighing mode. Dynamic or Static weighing is possible.

### THE LOADING CYCLE (Dynamic Weighing)

With dynamic weighing, the load is lifted without any interruption. Weighing can be fully automatic and quick, and weighing 'on the move' is possible.

1. Fill the bucket as normal and roll it right back. Hold the lift lever back. Lift the bucket smoothly at a constant speed through the reference position, keeping the loader as steady as possible while the weight is taken.
2. If the display shows  this indicates that the lift speed was too slow - try again.
3. If the display shows  this indicates that the lift speed was too fast - try again.

The bucket weight  is then displayed and if AUTO ENTER is set (as shown), the weight is automatically stored in memory. If MANUAL ENTER is set, then PRESS the LOAD ENTER BUTTON to store the weight reading in memory. The target weight  will decrease by the bucket weight to show how much is left to load.

The  figure then indicates the total of all bucket weights entered so far.

4. Continue loading until you get to the last bucketful.

### "LIVE" LAST BUCKET WEIGHING


Lift the arms up to the weighing position and the instrument then switches automatically to "last bucket" static weighing mode. When the target weight is reached or surpassed, the bucket weight display will flash and the display will give a "live" readout.

You can tip off a little as required. Allow the live display to settle down before pressing the REMOTE ENTER BUTTON to confirm the weight entry.

*NOTE: AUTO ENTER mode does not function for "last bucket" static weighing.*

### THE LOADING CYCLE (Static Weighing)

This normally uses the loader's auto-kickout system to automatically stop the lift arms in the reference position, before sampling the weight.

1. Fill the bucket as normal and roll it right back. Pull the lift lever back to it's held position. As the loader reverses the bucket will come up to the weighing point and the lift lever kickout will operate automatically. Keep the loader as steady as possible while the weight is taken. The display will show two 'bars' which fill up, indicating that the weight is being sampled, and the bucket weight  is then displayed.

2. If AUTO ENTER is set, the weight is automatically stored in memory as you continue lifting the bucket above the reference position. If MANUAL ENTER is set, then PRESS the LOAD ENTER BUTTON to store the weight reading in memory. As with dynamic weighing, when the bucket weight is entered, the target weight figure will decrease by that amount.

3. Continue loading until you get to the last bucketful. The instrument then switches automatically to "last bucket" static weighing mode. When the target weight is reached or surpassed, the bucket weight display will flash and the display will give a "live" display. You can tip off a little as required. Allow the live display to settle down before pressing the REMOTE ENTER BUTTON to confirm the weight entry.

### RESET FOR THE NEXT TRUCK LOAD

Press and hold in the button marked "CLR" at the bottom right of the screen. The displays will cancel. Release the button. The "Target Load" will revert to the last figure entered, and will need to be changed only if the next wagon requires a different weight. If a printer is fitted it will print a record of the load at this point, provided it has been set up to do so.

### ZEROING THE BUCKET

The bucket must be zeroed for weighing to be accurate. The "CHECK ZERO" screen is automatically displayed if the system has been switched off or has not recognised any lifts for more than 15 minutes. Three bleeps occur and are repeated every 60 seconds thereafter when in this state.

When the 'CHECK ZERO' screen appears, simply follow the on-screen messages.

After the first 10 minutes from switch-on, when "CLR" is first pressed, the "Check Zero" routine must be repeated, and again after another 10 minute period has passed. After that, the routine should appear every 30 minutes.