LOADMASTER ALPHA 100 QUICK REFERENCE GUIDE



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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. Make sure the machine is at normal operating temperature.
- 2. Zero the bucket. Follow the routine on the screen.
- 3. Select any required load references (product, customer, truck etc) using the lower touch sensitive buttons, (if used).
- 4. Fill the bucket with product and crowd it right back.
- 5. Hold the lift lever <u>fully</u> back. Lift the boom smoothly at a constant speed through the indicated weighing "zone", keeping the loader as steady as possible while the weight is taken.
- 6. Once the weighing zone has passed, the lifted weight is displayed. If AUTO ENTER is set (as shown), the weight is automatically added to the load total. If MANUAL ENTER is set, then PRESS the key (or the Remote Enter Switch), to add to the load total. The target weight will decrease by the calculated weight to show how much is left to load. The figure then indicates the total of all bucket weights entered so far.
- 7. Continue loading until you get to the last bucketful.
- 8. If the bucket weight exceeds the target required, the bucket weight turns **RED** in colour. The amount will still add to the total.
- 9. If the last added lift is too much, press the **ESC** key, and select "**Undo Last Lift**". This will subtract the last lift back away from the total.
- 10. Tip out the required amount, and then lift again through the weighing zone until the required amount has been weighed.

"LIVE LAST BUCKET TIP OFF" WEIGHING GUIDE

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 any suitable height, and then press the 🔨 button.
- 2. The "live" calculated weight, and button icon are then shown in **GREEN**. The weight shown is now live.
- 3(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.
- 3(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).

To enter the 'Live Tip-off' weight, de-select the key, lower the boom, and then lift dynamically through the weighing zone. The weighed amount is then added to the total, either automatically or manually as selected.

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 crowd it right back.
- 2. Hold the lift lever <u>fully</u> back. 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 instrument will display indicating that the weight is being sampled, and the bucket weight is then displayed.
- 3. If AUTO ENTER is set, the weight is automatically added to the load total as you continue lifting the bucket above the reference position.
 - If MANUAL ENTER is set, then PRESS the key (or the Remote Enter Switch), to add to the load total. As with dynamic weighing, when the bucket weight is entered, the target weight figure will decrease by that amount.
- 4. Continue loading until you get to the last bucketful.
- 5. If the bucket weight exceeds the target required, the bucket weight turns **RED** in colour. The amount will still add to the total.
- 6. If the last added lift is too much, press the **ESC** key, and select "**Undo Last Lift**". This will subtract the last lift back away from the total.
- 7. Tip out the required amount, and then lift again through the weighing zone until the required amount has been weighed. Alternatively refer to the "Live Last Bucket Tip Off" weighing guide opposite.

RESET FOR THE NEXT TRUCK LOAD



A 'Job Record' that includes the Load Data and Store references, is saved automatically to the database on the SD card, and printed out (if setup to do so).

ZEROING THE BUCKET



The zero weight reading may drift during regular use. To help ensure accurate weight readings, the zero routine should be done on a regular basis.

- Press
- and follow the on-screen instructions.

Trade-approved weighing systems:

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

