OPERATING INSTRUCTIONS FOR THE COMPULOAD 3000 Series
LOAD WEIGHING SYSTEM
Version CL3V1.11 and 1.12

Loader application

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BASIC WEIGHING AND TOTALISING

1. (as load is raised) (lift speed compensated)

1.a With the bucket empty and fully crowded raise up through the lift sensor switch at a slow steady lifting speed.   If other than 0.00 (zero) is displayed press ZERO for two seconds to zero display.

1.b Apply the load and raise up through the lift sensor switch at a smooth steady lifting speed. Display will show "weighing", then the weight will be displayed for a pre-determined period   (usually 8 seconds)

1.c Press LOAD to add weight into the 'total' display.

1.d Press CLEAR for two seconds when required total is reached. This returns TOTAL display to 0.00 ready for the next truck.

NOTE 1.
For automatic totalising press FUNC key once select "hold & add" using the UP/DOWN keys then press LOAD to save selection. Then press CLEAR to exit This allows automatic adding of the weight to the 'total' as it is weighed.
This function allows the sensor to preform tasks as follows.

a HOLD & ADD Weight is "held" on display for a pre-determined period. Weight is automatically added into the TOTAL display.

b HOLDS ONLY Weight is "held" on display for a pre-determined period. Weight can be added into TOTAL display with LOAD key.

c DOES NOTHING No action from lift sensor.

Use UP/DOWN keys to scroll through options. Press LOAD to save selection.

NOTE 2
After LOAD is pressed when trigger task is selected an option allows the operator to enter target weight to load onto truck. COMPULOAD will show "enter alarm weight"
Use UP/DOWN keys to enter the truck capacity. "0.00" turns target weight alarm off .
Press LOAD to save setting the CLEAR for two seconds to exit

NOTE 3.
Whilst the Compuload 3000 is designed to weigh loads as the machine is operated and the load is lifted some conditions may cause variations to the weight readings. Results can generally be improved by using care whilst weighing.
I) Lift the load at a smooth speed through the lift sensor.   Do not stop the lift cycle until a weight reading is obtained
II) Open lifting valve fully to raise the load
III) Whilst weighing have loader on a level surface
III) Avoid excessive bounce on rough   surfaces   whilst weighing.
IV) Regularly check the zero. (Step 1)

BASIC WEIGHING AND TOTALISING

2   (Static weighing method)

NOTE 1   All reference to weighing position refers to raising the bucket fully crowded up to a pre- determined position and lowering slightly and slowly.

                  The pre-determined position may be determined by either a pointer or having the lift detent cut-out set at a given position.

2.a   With the bucket empty raise up to the weighing position.
(If other than 0.00 (zero) is displayed press ZERO key for two seconds.

2.b   Apply the load and raise up to the weighing position. (the weight will be displayed on the top line of the display)

2.c   Press LOAD to add weight into the 'total' display.

NOTE 2   For further weighings carry out steps 2.b & c

NOTE 3   By pressing FUNC then LOAD twice allows operator to enter target weight to load onto truck. Compuload will show "enter alarm weight"
Use UP/DOWN keys to enter truck capacity. 0.00 turns target weight alarm off Press LOAD to save setting

OPTIONS AVAILABLE

The following options are available to the operator if required and as required. They are entered by pressing FUNC key. Use UP/DOWN keys to alter setting and then by pressing LOAD saves the setting and proceeds to the next function. Pressing CLEAR exits the function mode without altering the setting.

3   USER ACCESSIBLE OPTIONS   (unprotected)

3.1   **Press FUNC** "External trigger task"   (Not normally used in static mode)
    Allows the external trigger to preform the following tasks

a)   HOLD and ADD   Weight is "held" on display for a pre-determined period. Weight is automatically added into the TOTAL display.

b)   HOLD ONLY   Weight is "held" on display for a pre-determined period. Weight can be added into the TOTAL display with LOAD key

c)   DOES NOTHING   No action from lift sensor.

Use UP/DOWN keys to scroll through options. Press LOAD to save selection.

3.2   **First Press LOAD**   "Alarm Weight"
    Allows operator to set a target weight to cause an alarm to sound when target "Total" is reached. Set at **zero** to turn alarm weight "off". Use UP/DOWN to   set required weight Press LOAD to confirm

3.3   **Second PRESS**   "Tare Weight"
    Allows a 'tare' weight to be entered . Weight is displayed in NETT mode.

3.4   **Third PRESS** "Optional Printer"
    Turns external printer (if fitted) ON / OFF. Use UP / DOWN keys to select. Press LOAD to save selection.

3.5   **Fourth PRESS**   "Grand Total Print"
    Allows a progressive grand total to be printed on each ticket (if printer fitted) Use UP / DOWN to select.   Press LOAD to save selection.

3.6   **Fifth PRESS** "View Grand Total"
    Allows operator to "view" progressive day total.
    When weight is displayed it can be reset with ZERO key.

<center>**OPTIONS AVAILABLE**</center>

NOTE Codes and values are entered using the UP/DOWN keys. Press and hold the UP key numbers will go 0-10 in units 10-100 by tens 100-1000 by hundreds. When number under required amount is reached wait 2 seconds and cursor will jump one digit to right allowing required number to be reached.

4   CODE PROTECTED OPTIONS
         Requires a code to be entered to allow access

3.1   **Sixth PRESS** "Overload Allowed"
         Allows alarm weight set above (3.2) to be exceeded by a percentage. ie. An overload allowed set at 1% would allow a 10.00t load to totalise to 10.10 before alarm sounds

4.2   **Seventh PRESS**   **"**Set Channel"
         Allows channel to be changed to allow the COMPULOAD 3000 to be re-fitted to another machine or weigh in a different method.
         Use UP/DOWN to select Channel number   Press LOAD.

3.2   "Fine Adjust of Span"
         Allows fine adjustment of accuracy of weighing system. Can be increased or decreased by a percentage as required. Use UP / DOWN to alter.
         Press LOAD to save.

3.3   "Set Time"
         Press FUNC then use UP/DOWN keys to set the time. Press LOAD to save.

3.4   "Set Date"
         Press FUNC then use UP/DOWN keys to set. Press FUNC to save.

WARRANTY COMPULOAD 3000

THE COMPULOAD 3000 HAS NO USER SERVICEABLE COMPONENTS INSIDE DO NOT ATTEMPT TO DISMANTLE THE UNIT AS THIS WILL CAUSE YOUR WARRANTY TO BECOME NULL AND VOID.

ATLAS WEIGHING Pty. Ltd. warrants the COMPULOAD Series 3000 load weighing gauge and any optional equipment to be free of defects in workmanship and material for a period of twelve (12) months from date of dispatch or installation, (whichever is applicable)

This Warranty only applies provided the COMPULOAD 3000 and accessories are used in accordance with the recommendations of ATLAS WEIGHING Pty. Ltd. under normal use and reasonable care.

The warranty does not cover damage in any way whatsoever including transit damage. The warranty does not cover malfunction or failure resulting from misuse, neglect or abuse.

The warranty immediately becomes void should any repairs, alterations or modifications are carried out or attempted to be carried out by other than ATLAS WEIGHING Pty. Ltd.

The warranty is not transferable and applies only to the original purchaser unless authorised by ATLAS WEIGHING Pty. Ltd.

The warranty does not include travel expenses should a factory engineer or representative be required to preform repairs on site.

At the option of ATLAS WEIGHING Pty. Ltd. any faulty units or components will be repaired or replaced free of charge whilst within the warranty period providing the unit or component is returned to our premises with freight pre-paid.

Our factory engineers will offer all possible assistance to rectify any difficulties experienced in the field. The larger majority of problems can be overcome by telephone. Please contact our office prior to forwarding any units or components for attention

NOTE Our carrier does not accept responsibility for loss or damage in transit. Should transit or freight loss or damage insurance be required it must be indicated on your order and the cost of such insurance will be charged accordingly.