OPERATING INSTRUCTIONS FOR THE COMPULOAD 4000 series LOAD WEIGHING SYSTEM and 4060 PRINTER

Software Version C.L4v4.31-37
No Weighing Message Version

<u>Postal Address</u>

ATLAS WEIGHING Pty. Ltd.
P.O. Box 3192
ROUSE HILL NSW 2155

<u>Deliveries</u>

11/322 Annangrove Road
ROUSE HILL NSW 2154

Tel: (02) 9679 0045
Fax: (02) 9679 0048
International   Ph: +61 2 9679 0045
                        Fax: + 61 2 9679 0048

INDEX

BASIC WEIGHING AND TOTALISING
(lift speed compensated method)

NOTE 1
When first turned on a message will appear showing **"Zero Required"** In this instance proceed as in 1a below

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

2..   Apply the load and raise up through the lift sensor switch. The weight will be displayed. for a pre-determined period (usually 8 - 12 seconds) . Do not stop the lift until the display shows "HELD"

3..   Press LOAD to add weight into the 'total' display.

4..   Press CLEAR for two seconds when required total is reached. This returns TOTAL display to 0.00 and allows data to be stored (if applicable) (see storing data)

NOTE 2.   For automatic totalising enter "Func 17" select "hold & add" using the UP/DOWN keys then press LOAD to save selection. This allows automatic adding of the weight to the 'total' as it is weighed.

FUNC 17 allows the lift 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 3.   Press UNDO within the eight seconds to deduct the last added weight from the 'total'.

NOTE 4   Func 14 allows operator to enter target weight to load onto truck.
Compuload will show "enter alarm weight"
Use key-pad to enter truck capacity. 0.00 turns target weight alarm off
Press LOAD to save setting

NOTE 4.
Whilst the Compuload 4000 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

IV)   Avoid bounce on rough   surfaces   whilst weighing.

V)   Regularly check the zero regularly

STORING OF DATA INTO THE COMPULOAD 4000

The Compuload 4000 has three fields into which data can be stored. The factory defaults are "customer", "product", "truck" These fields can be altered to suit your application however for this exercise we will use these field names.
This software version also has the option for Code protected Fields to protect.
unauthorised deleting of entered Fields. Contact your supplier for more information.

To store into these fields enter
FUNC 11   Compuload will show "enter customer 1"
To select a previously entered customer. Key in the number of the required customer Press LOAD. If selection is correct press LOAD again.   If selection is incorrect key in correct number and press LOAD again.
To enter a new customer. Select a vacant customer number. Press CLEAR key. Enter a new customer with key-pad.   Press LOAD. Compuload will show.

FUNC 12   "enter product 1"
To select a previously entered product. Key in the number of the required product Press LOAD. If selection is correct press LOAD again.   If selection is incorrect key in correct number and press LOAD again.
To enter a new product. Select a vacant product number. Press CLEAR key. Enter a new product with key-pad.   Press LOAD. Compuload will show.

FUNC 13   "enter truck 1"
To select a previously entered truck. Key in the number of the required truck Press LOAD. If selection is correct press LOAD again. If selection is incorrect key in correct number and press LOAD again.
To enter a new truck. Select a vacant truck number. Press CLEAR key. Enter a new truck with key-pad. Press LOAD. Compuload will show.

FUNC 14   "set alarm weight" Use key-pad to enter target weight to load onto truck   0.00 turns target weight alarm off. Press LOAD to save setting NOTE The Compuload will remember the target weight for each truck.

RECOVERY OF STORED DATA and PRINTOUT OPTIONS

Data stored in the memory of the COMPULOAD 4000 can be recovered and handled in the following manner.

PRINTOUT

FUNC 03   COMPULOAD 4000 will display

"Print Logs"
"Last"
Press LOAD   COMPULOAD 4000 will display

"Number of days"
"1"
If only today's logs are required press LOAD
If more than one days logs are required enter number of days with keypad and press LOAD

RESETTING THE DATA LOGGER

FUNC 04   COMPULOAD 4000 will display

"Erase data logs"
"No"
Press UP key   Compuload will display

"Erase data logs"
"Yes"
Press LOAD   All records will be erased

P.C. DOWNLOAD (optional)

Windows 98 or later with optional PC download kit
Downloads stored logs to ascii file.
Logs can be imported to spreadsheet

OPTIONS AVAILABLE

The following options are available to the operator if required and as required. They are entered by pressing FUNC key and the corresponding number. pressing LOAD saves the setting and proceeds to the next function.   Pressing CLEAR exits the function without altering the setting.

USER ACCESSIBLE OPTIONS

FUNC 01   SET TARE   (Not normally used on loaders)
            Allows a pre-set tare to be entered and deducted from the actual   weight.
            Pressing the * key causes the display to toggle between the actual weight
            and the "nett" weight. Use key-pad to enter required 'tare'.   Press LOAD

FUNC 02   PRINTER STATE
            Turns external printer (if fitted) ON / OFF/ COPY. Use UP / DOWN keys to
            select. Press LOAD   NOTE When set to COPY the option to print out a
            copy of the load is offered for a limited time Press LOAD to obtain a copy.
            Press CLEAR to exit

FUNC 03   DATA LOG PRINT OPTIONS
            Allows stored data logs to be printed. Select number of days and press LOAD
            Other options allows the loads for a particular "customer", "product" or
            "truck" to be printed. Press UP/DOWN key to select the particular field
            then key in field number with keypad Press LOAD.

FUNC 04   ERASE DATA LOGS.   Deletes the data logs, Once erased the logs cannot
            be retrieved

FUNC 05   DISPLAY TOTALS.(Long Totals) Allows individual "customer",
            "product", "truck" totals to be viewed. Use UP/DOWN keys to select field
            then select field number with keypad. Press LOAD . This is reset with Func
            04

FUNC 06   VIEW TOTALS -
            Allows Grand total to be viewed if required. For "customer Totals" see
            Func 05
            This is reset with Func 04.

FUNC 60   ERASE FIELDS
            Allows data entered in Func 11, 12 & 13 to be erased.

NOTE   **The display is temperature sensitive**
            Display contrast is adjustable use the UP key to lighten
            Use the DOWN key to darken. Compuload must have completed
            power up cycle. Should screen go black press UP key.   Should
            screen not display characters (blank out) press DOWN key

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

FUNC 18   FINE ADJUSTMENT OF SPAN
               Allows fine adjustment of accuracy of weighing system. Can be increased or
               decreased by a percentage as required. Use CLEAR to select + or – then enter
               the percentage to be adjusted   Press LOAD to save adjustment.

FUNC 19   SET CHANNEL
               Allows channel to be changed to allow the COMPULOAD 4000 to be
               changed to another machine or weigh in a different method. Key in channel
               number. 1 or 2 Press LOAD to save selection.

FUNC 20   SET TIME
               Allows time clock to be reset Use UP / DOWN & LEFT / RIGHT keys to set.
               Press LOAD to save alteration.

FUNC 21   SET DATE
               Allows date to be reset Use UP/DOWN/LEFT/RIGHT keys to set.
               Press LOAD to save new setting.

FUNC 22   SET OVERLOAD ABOVE TOTAL
               Allows the truck target total to be exceeded by a percentage amount. Key in
               percentage.   Press LOAD to save setting.

FUNC 75   PRINTER HEADER 1
               Allows the printer header line 1 to be altered. Key in required text for line 1
               of the printer header Press LOAD to save new header

FUNC 76   PRINTER HEADER 2
               Allows the printer header line 2 to be altered. Key in required text for line 2
               of the printer header Press LOAD to save new header

DOWN LOAD TO USB

- To enable the COMPULOAD USB DOWNLOADER (if fitted)
- Enter " FUNC 79"
- Scale will show "enter code". Enter the low security code, then press "LOAD"
- Scale will then show on the top line "USB INTERFACE"
- On the bottom line it will show "ON" or "OFF"
- Use the up or down keys to change the setting to "ON"
- Press "LOAD"   NOTE: The Compuload USB Function will remain in the "ON" position until it is turned "OFF" using the same process
- Scale will return to the normal weighing mode
- Simply insert the "COMPULOAD USB STICK" into the COMPULOAD

USB DOWNLOADER.

- Scale will acknowledge the stick with the message "USB DETECTED"and the green light on the COMPULOAD USB DOWNLOADER should stay illuminated
- Scale will then display "USB DOWNLOAD " on the top line and "LAST" on the bottom line of the display
- Use the up or down keys to change between "LAST" or "ALL"
- By selecting "LAST" and pressing "LOAD" you will then be asked how many days you wish to download . Select the number of days that you wish to download , then press "LOAD"
- The scale will indicate when it is safe to remove the USB stick
- By selecting "ALL" the Compuload will download all data stored since the log has been reset.

WARRANTY COMPULOAD 4000

THE COMPULOAD 4000 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 4000 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 4000 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.