



**Valuweigh**  
7XXSoftware

## **Operation Manual and User Guide**

# ***Unmanned Weighbridge***

**Cardinal 788 Indicator**

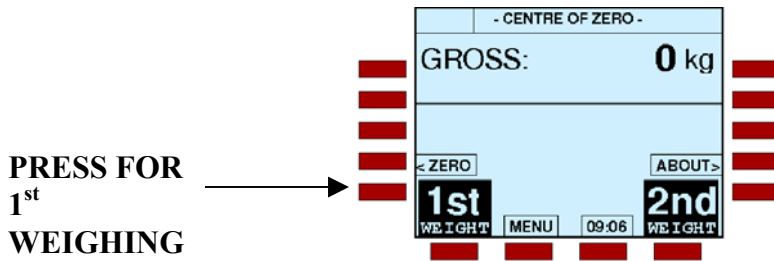
*REVISION A20*

# COUNTY MULCH UNMANNED WEIGHBRIDGE

## *DRIVER'S GUIDE*

### **FIRST WEIGHING**

When you arrive on the weighbridge the indicator will show,



To do the first weighing press the red button below 1<sup>st</sup> WEIGHT on the screen. If nothing happens there will be a display on the screen that says,

“WEIGHBRIDGE MUST SEE ZERO BEFORE WEIGHING”

Drive off the weighbridge and press the red button beside ZERO on the indicator screen. Drive back on the weighbridge and retry pressing the red button below 1<sup>st</sup> WEIGHT.

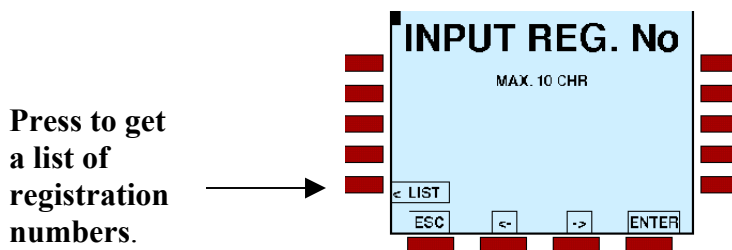
Or

“VEHICLE NOT WITHIN SENSORS”

There are sensors on either end of the weighbridge that check that your wheels are on the platform. Re-position the truck so that the wheels are not blocking the sensor and retry pressing the red button below 1<sup>st</sup> WEIGHT.

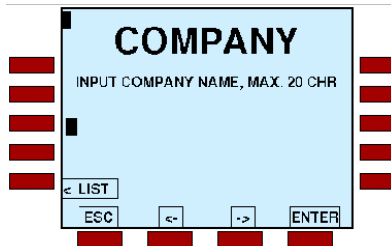
***If you make a mistake at any time when you are entering any information press the red button below ESC. This will take you back to the first screen and you can start again.***

After you have pressed the red button below 1<sup>st</sup> WEIGHT the screen will show,



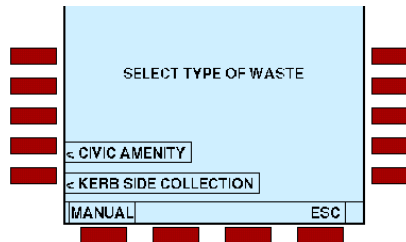
(If you are a **regular visitor** to the weighbridge you can select your registration number from the LIST by pressing the red button beside LIST. When you see the list of registration numbers press the red button beside your registration number.)

If you are new to the weighbridge enter your registration number by using the keypad on the indicator, and press the red button below ENTER. The screen will then show,

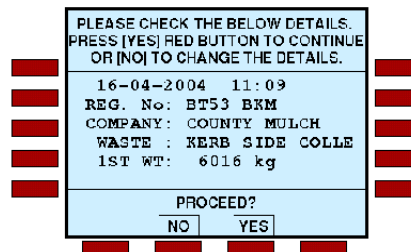


(Again, if you a regular visitor to the weighbridge you can press the red button beside LIST to see a list of companies. To select your company press the red button beside your company name.)

If you are new to the weighbridge enter your Company Name using the keypad on the indicator, and press the red button below ENTER. The screen will then show,



Select the type of waste you are transporting by pressing the red button beside either CIVIC AMMENITY or KERB SIDE COLLECTION. If you are not carrying either of these press the red button below MANUAL. You can then type in the waste you are carrying using the keypad on the indicator. Once you have entered the waste type press the red button below ENTER. The screen will show,

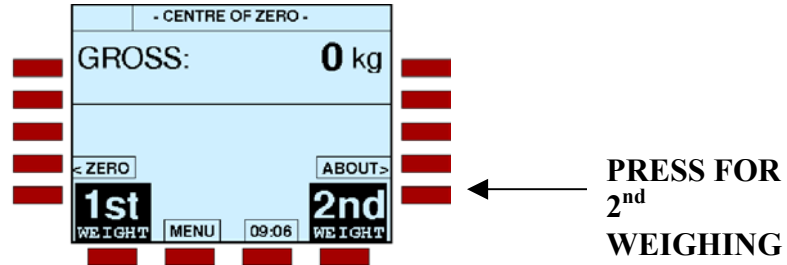


Here you can check that the details you have entered are correct. If they are not press the red button below NO and start entering the information again. If they are correct then press the red button below YES. A ticket will be printed for you in the white box below

the indicator. Open the box and take the ticket with you. Please remember to close the box afterwards.

## **SECOND WEIGHING**

When you return from dumping or loading press the red button below 2<sup>nd</sup> WEIGHT.



If nothing happens there will be a display on the screen that says,

“WEIGHBRIDGE MUST SEE ZERO BEFORE WEIGHING”

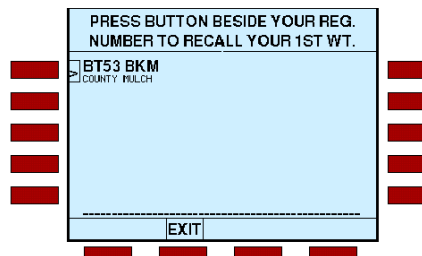
Drive off the weighbridge and press the red button beside ZERO on the indicator screen. Drive back on the weighbridge and retry pressing the red button below 2<sup>nd</sup> WEIGHT.

Or

“VEHICLE NOT WITHIN SENSORS”

There are sensors on either end of the weighbridge that check that your wheels are on the platform. Re-position the truck so that the wheels are not blocking the sensor and retry pressing the red button below 2<sup>nd</sup> WEIGHT.

Once you have pressed the 2<sup>nd</sup> WEIGHT button the indicator will show a screen that looks similar to below,



Press the red button beside your registration number.

If your registration number is not on the screen there will be a button that says NEXT. Press the red button below this and there will be more registration numbers shown on the screen.

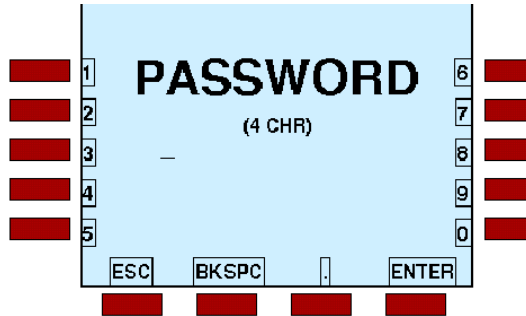
After you have selected your registration number the screen will show,

PLEASE CHECK THE BELOW DETAILS. PRESS [YES] RED BUTTON TO PRINT, OR [NO] TO ESCAPE.	
16-04-2004 11:35	
REG. No: BT53 BKM	
COMPANY: COUNTY MULCH	
WASTE : KERB SIDE COLLE	
GROSS:	6016 kg
TARE:	6016 kg
NET:	0 kg
PROCEED?	
<input type="button" value="NO"/>	<input type="button" value="YES"/>

Here you can check that the details you have entered are correct. If they are not press the red button below NO and start entering the information again. If they are correct then press the red button below YES. A ticket will be printed for you in the white box below the indicator. Open the box and take the ticket with you. Please remember to close the box afterwards.

## UNMANNED WEIGHBRIDGE *SUPERVISOR'S GUIDE*

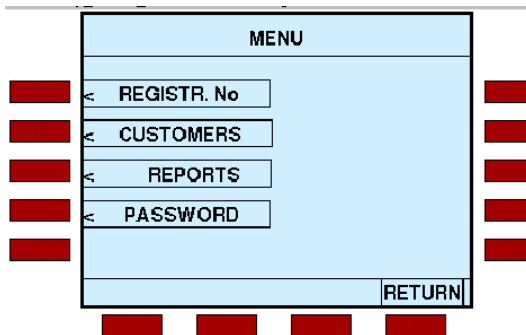
To enter the menu where you can add registration numbers and customers to the list that is stored in the indicator, and send manual reports to the PC, press the MENU button on the main screen. The screen will show,



Enter the password using the keypad on the indicator.

The default password is 2909. Once this has been entered press the red button below ENTER.

The screen will show,



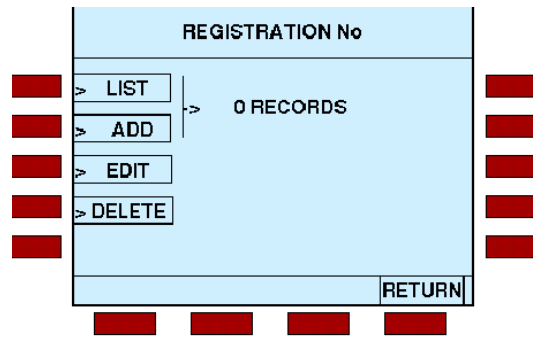
To return to the Main screen press the red button below RETURN.

### CHANGING THE PASSWORD

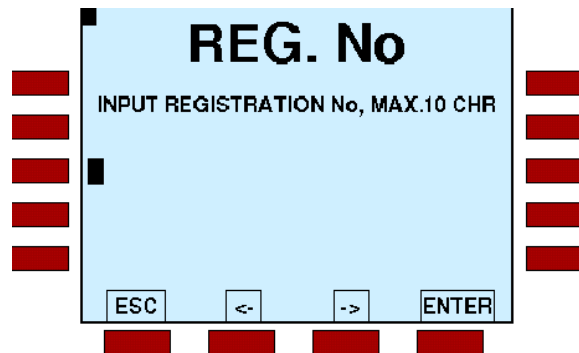
To change the password, press the red button beside PASSWORD. You can then enter the new password by following the on screen instructions. Once you have entered a new password this will need to be entered, instead of 2909, to access the MENU screen shown above.

### ADDING AND EDITING REGISTRATION NUMBERS

To enter Registration numbers into the indicator that will be available in the LIST, press the red button beside REGISTR. No. The screen will show,



- To see the current list of Registration numbers press the red button beside LIST.
- To add a new Registration number press ADD. The screen will show,

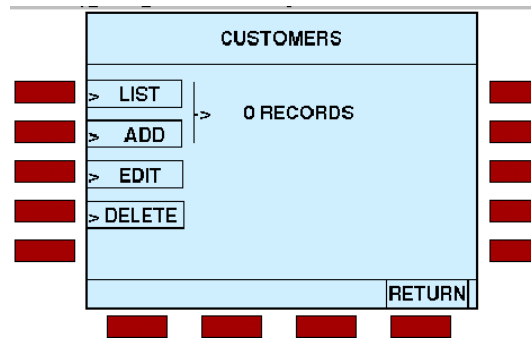


Simply type in the Registration number using the keypad and press the red button below ENTER. Press the red button below ESC when you have finished entering Registration numbers.

- To edit a Registration number press the red button below EDIT. Press the red button beside the Registration number you wish to edit. You can then delete or add to the number. Press the red button below ENTER when you have finished editing the number.
- Similarly to delete a number press the red button beside DELETE and select the number you wish to delete by pressing the red button beside the required number.

### ADDING AND EDITING CUSTOMERS

TO ADD, EDIT and DELETE customer names simply press the red button beside CUSTOMER on the menu screen. The screen will show,



The process is exactly the same as for the Registration numbers and types of waste.

### SENDING REPORTS TO THE PC

The indicator automatically sends the weight data to the PC in the office after every weighing but it still holds all the weight information in its memory. You will need to send the data to the PC manually every so often to clear the data that is stored in the memory. This will also give you a complete list of all transactions that have taken place since the last time you sent manually sent the data, thus ensuring you will not lose any information.

To manually send the data to the PC press the REPORTS button on the Menu screen.

### TROUBLESHOOTING

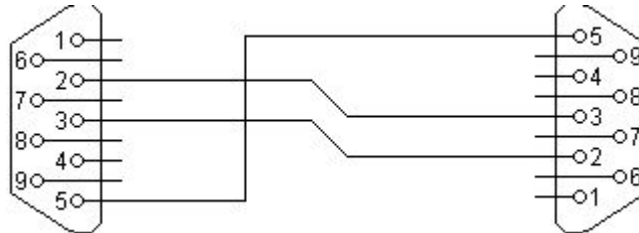
This section covers any problems that may arise when using the system.

- Indicator needs to see zero weight to register a change of weighing object
- The weight is more than zero and less than 20 intervals of the calibration of the 777 indicator. The weight may be too small for the system to register it as a valid weight to be printed
- Platform was unstable and in motion when the button was pressed
- The weight was not in the normal operation range, i.e. it was below zero or the platform was over capacity
- COM port settings of the printer on the 777 are different from the actual printer connection. Please ensure the settings are as follows,

**Port** - 3 or 4  
**Baud rate** - 9600  
**Parity** - N=none  
**Data bits** - 8

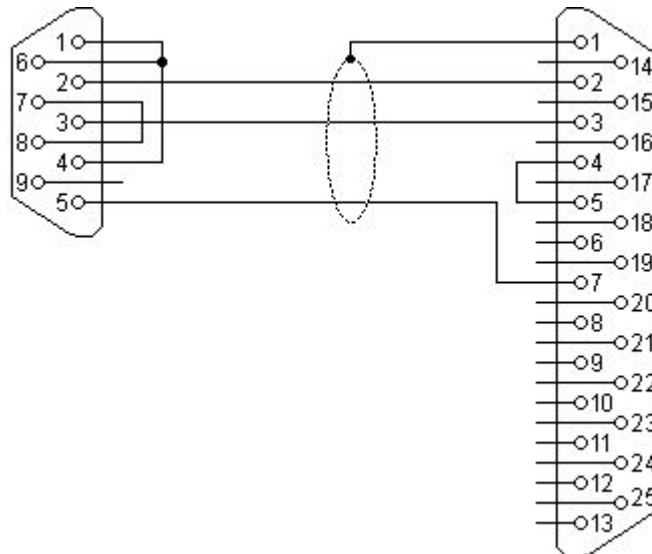
**Stop bits - 1**

The cable that should be used to connect the external device to the 777 indicator has a 9 pin female connector on both sides.



**Download cable 9 pin female 777 to 9 pin female PC**

However, some PC models use a COM port which may have 25 pin connector.



**Download cable 9 pin female 777 to 25 pin female PC**

### **Technical information for scale engineers**

In some cases there is a chance that the hardware port from the PC or the 777 is damaged, or has internal problems. Please be sure that the port is physically working before requesting any software changes.

The easiest way to check both ports is to load the software into the 777 indicator from the PC via a download cable. If the download is successful then there is a bi-directional connection between the PC and the 777 indicator and all communications should work as expected.



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