

### **Calibration - Iconix FX1 Indicator**

*Notes: Your new scales will need to be calibrated to your particular woolpress, follow the instructions exactly and in order.*

*Using a known weight bale is the only accurate way to calibrate woolpress scales in the field.*

*For an accurate calibration the bale used to calibrate the scales should be as close to maximum bale weight as possible.*

*Other means of applying weight to the scales for calibration should not be used.*

*The weight of the first bale pressed after calibration should be checked on scales known to be accurate.*

*When calibrating the scales it is important that the press be in the closed position (door, hungry board & packlock) with the platen (monkey) at the top of its stroke before starting.*

#### **Calibration instructions**

1. Plug the power supply and load cell into the indicator. Do not turn on at this stage. Remove all live loads from the press. Remove the jockey wheel from the press.
2. Before starting step 2. the indicator should be off. Hold the WEIGH key down, then press and release the ON/ZERO key, the indicator should show SET, when it does release the WEIGH key.
3. After a few seconds SET will disappear and a digit will appear. With no weight on the press, zero the scales with the ON/ZERO key.
4. Re-press a bale of wool of which the exact weight is known. Do not cap off the bale. Allow to settle for a few seconds.

*Note: In steps 5, 6 & 7 once ON/ZERO and WEIGH have been pressed and the weight has been spanned, if you do not start weight adjustment within 5 seconds then the displayed weight will be saved. If this happens remove the bale and start again from step 1.*

5. Press and release ON/ZERO and WEIGH at the same time.
6. The display will show SPAN while weighing the bale, then display to the nearest kilogram, according to the present calibration. e.g. 0195.
7. Change the displayed weight to the correct weight; use the ON/ZERO key to increase weight and the WEIGH key to decrease weight.
8. When the displayed weight is the same as the bale weight, press no keys for 5 seconds so the displayed weight is saved. Calibration is complete.
9. Remove the bale from the press, the scales should return to zero.

#### **Operating instructions**

1. Plug the power supply and the load cell into the indicator.
2. Press the ON/ZERO key. The scale will automatically show zero unless weight has been left on the scale. The ZERO pointer ▲ will show that the scale is at zero.
3. If the scale does not show zero, press ON/ZERO.

#### **Avoiding overweight bales**

Periodically check the accuracy of your scales by checking bales weights on scales known to be accurate. The woolpress must be used on a stable, level surface. Any movement in the floor, eg, flexing floorboards, will affect the accuracy of the scales.

Keep obstructions clear of the press, make sure there is no build up of wool around or under the press. Do not move the press during a bale, this will affect the accuracy of the scales.

Make sure the scales are on zero before the start of each bale.

Allowance must be made for the pack weight if the scales are zeroed after it is fitted to the press.

Remove the jockey wheel from the press when baling.

#### **System care**

When moving the press take care that the press comes to a complete stop before lowering the weight of the press onto the loadcell and foot, failure to do so may damage the load cell and foot. This type of damage is not covered by warranty.

Protect the cable ends and the indicator from moisture and dust.