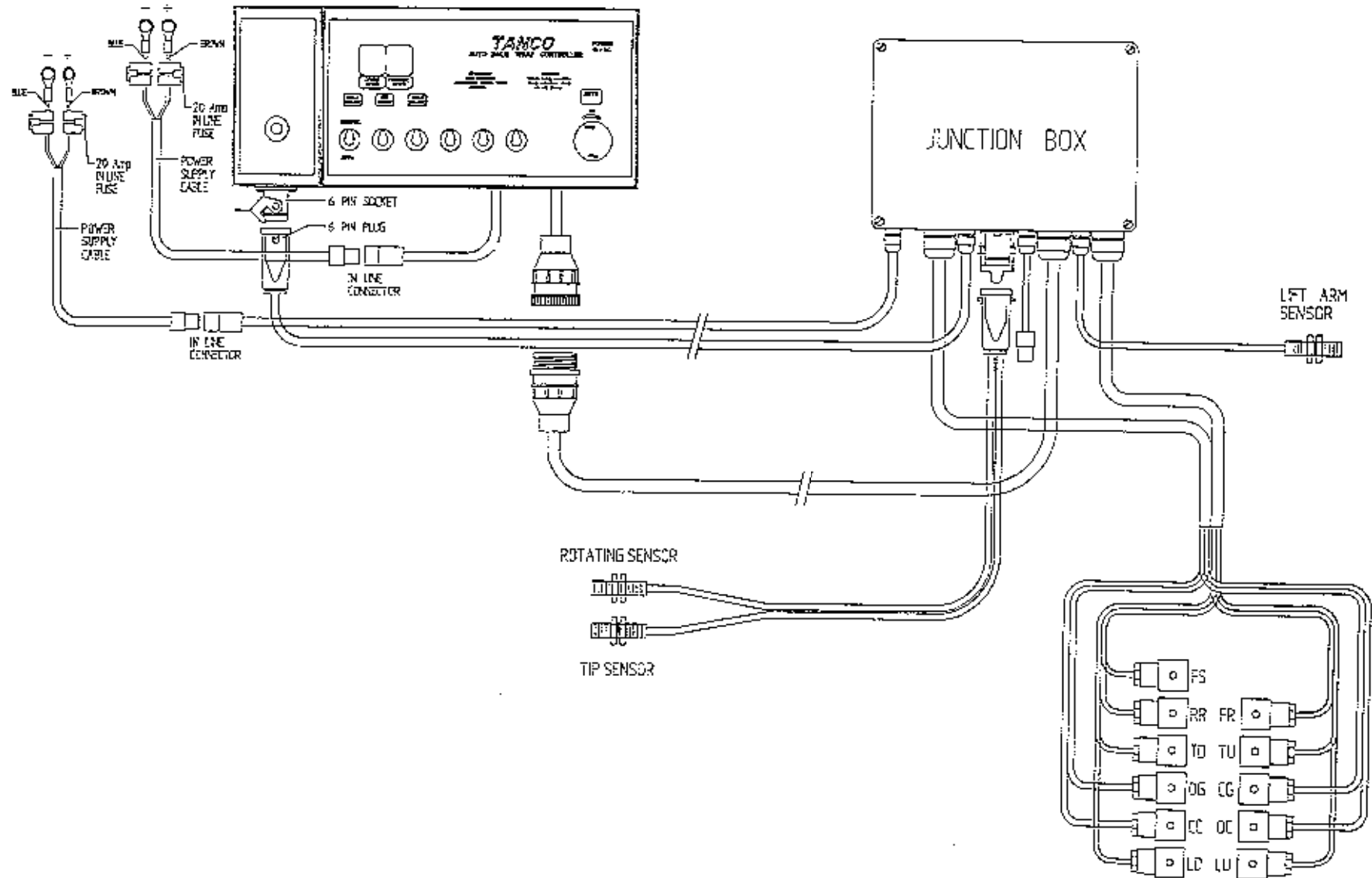


# TANCO AUTOWRAP 1080 A JUNCTION BOX AND CONTROLLER FOR 5 BANK VALVE



FILE NAME 1080 A

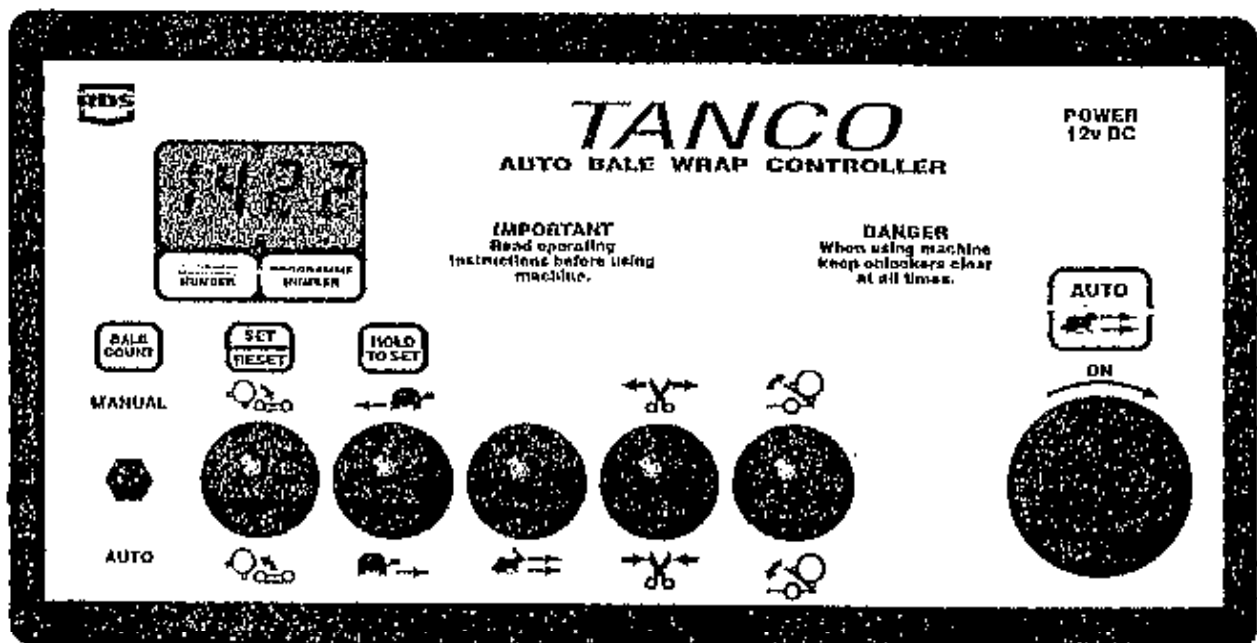
## AUTOMATIC BALE WRAP CONTROLLER (issue 116 onwards)

The control unit on the control of the bale wrapping sequence. The control unit is preprogrammed to automatically wrap the bale to the required number of rotations. Once complete, the turntable stops in the correct position to allow the film to be cut and held. Incorporated is also an inching override facility on the control unit to move the turntable, left or right, to ensure that the film is properly gathered. Once the turntable is lowered it rotates automatically forward through 90 degrees to facilitate loading the next bale. For reasons of safety loading and tipping off of the bale is operator controlled using switches on the control unit.

The programming of the Automatic Bale Wrap Controller is easily done by following the steps outlined below.

Once the unit is switched on, the number of required turntable rotations appears on the right hand display. To change this press and hold the "Hold to Set" button, see fig 7., then press the "Set/Reset" button. The first digit of the number will then blink and count from 0-9. Release the "Set/Reset" button at the required number. By pressing the "Set/Reset" again the second digit can be changed.

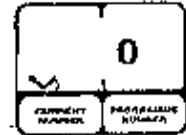
The monitor counts the number of bales per batch and the cumulative total. To see these, press the "Bale count" button. The first number to appear is the batch total. If the button is held down for 10 seconds, a line will appear on the display, followed by the cumulative number wrapped. The batch count can be reset to 0 by holding the "Bale Count" button down and pressing the "Set/Reset" once. The cumulative total cannot be returned to zero.



# 280ARC/580A/1080A/1080ATP OPERATOR ACCESSIBLE MONITOR PROGRAMMES

(Issue 116 Hydraulic Cut and Start)

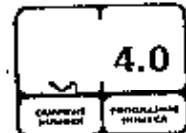
The Auto Bale Wrap Controller displays a total of 7 programmes. To access the programming mode, turn the power off by pressing the red button, then press and hold the 'hold to set' key and turn the power on, by rotating the red button. Now you have accessed to the programming mode. A chevron 'V' will appear in the left side of the left display - this indicates the first function. By pressing the 'hold to set' key the next program is accessed and so on. The chevron 'V' will move across the display indicating each of the 7 functions. The functions and settings are as follows.



**Programme 1:** This program does not apply to this model.

**Display Reading:** 0

**Function:** This program is factory set and should not be altered

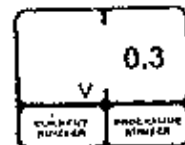


**Programme 2:** Tip up.

**Display reading:** 4.0

**Function:** This controls the time for which the tipping ram extends out after the 'Cut and Start' closes. **Note:** This value requires to be altered only when the setting of the rear magnet that impulses the tip sensor is changed.

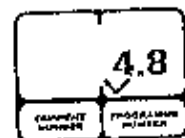
- I. If the magnet is adjusted upwards then this value will have to be increased.
- II. If the magnet, is adjusted downwards then this value is decreased. Adjustment is in 0.5 second increments.



**Program 3:** Tip up to tip down delay

**Display reading:** 0.3

**Function:** Duration in seconds that the tipping ram remains fully extended between tip up and tip down.



**Program 4:** Tip down.

**Display reading:** 4.8

**Function:** This controls the time required for the turntable to return to the horizontal position. **Note:** This value should be increased if the film pull down arm does not retract fully. Adjust in 0.1 increments.



**Program 5:** Duration of slow rotation at end of wrapping cycle.

**Display Reading:** 1.2

**Function:** Shows time that elapses in seconds after turntable magnet passes rotate sensor on last rotation before turntable changes to slow mode. Note: This value need only be altered as follows.

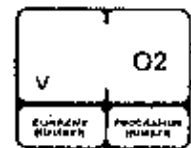
(i) To increase duration of slow rotation at end of wrapping cycle, reduce this value in 0.1 increments.

(ii) To reduce duration of slow rotation at end of wrapping cycle, increase this value in 0.1 increments.

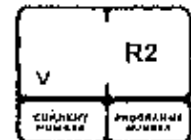
**Program 6:** Machine Operation.

There are six separate settings for this program depending on the model of machine being used. Three of the settings apply to remote control models and three to non remote models.

**Non remote control mode with 90 degrees forward function = Symbol O2**



**Remote control mode with 90 degrees forward function = Symbol R2.**



**Remote control mode with no 90 degrees reverse or forward function = Symbol r**



**Remote control mode with 90 degrees reverse function = Symbol R.**

**Note: This programme only applies to pre 1999 models of autowrap**

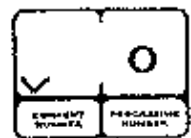


**Non remote control mode with no 90 degrees reverse or forward function = Symbol o.**



**Non remote control mode with 90 degrees reverse function = Symbol O.**

**Note: This programme only applies to pre 1999 models of autowrap**

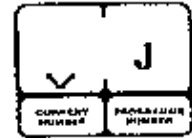


# 280ARC/ 580A/1080A/1080ARC

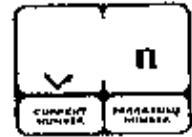
**Program 7:** Tractor hydraulics.

Designed to convert the hydraulic system to open or closed centre hydraulics to suit tractor.

Closed centre = Symbol **J**



Open centre = Symbol **n**.



**NOTE:** An additional valve is required for operating in the J mode.

© Copyright 1995 RDS Technology Ltd

Our policy is one of continuous improvement. The information in this document is subject to change without notice.

## Conventions

This document uses the following conventions:

*This typeface* relates to an operator action.

*LEd* and *this typeface* relates to an instrument response.

### NOTE

Highlights additional information.



Highlights information which if disregarded, may increase the risk of data loss or damage to equipment.

### WARNING!

Highlights information which if disregarded, may increase the risk of personal injury.

#### ELECTROMAGNETIC COMPATIBILITY (EMC)



This product complies with  
Council Directive 89/336/EEC  
when installed and used in accordance  
with the relevant instructions.