Instructions for uploading new software on RDS Expert series controller.

IMPORTANT:
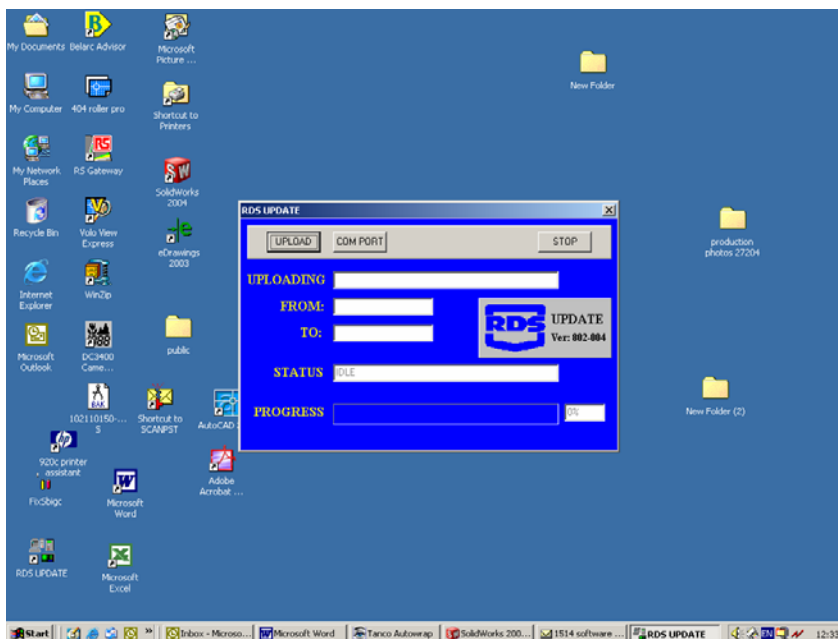**This instruction in for Tanco personal, and technicians only. Under no circumstances should this be carried out by unqualified personnel.**

What you will need.

1. RDS upload cable: Tanco part no. 1009004

2. Upload software to be installed on PC. Note: that on XP machines, this will not self install. Must copy all files indivually across.

3. Latest Tanco program software (this is a .hex file). Latest edition EX301028- issued 27-05-04. This is version 28. This is displayed on the controller some seconds on powering up.

To install new Software on a controller.

1. Connect the controller to 12 V power supply (must be a good supply!) and press the E-Stop button on the controller to break power.

2. Connect the controller to the serial port on your Lap-top/PC using the RDS upload cable.

3. Double click on the RDS update Icon on your desktop (shown on bottom left, below). This will bring up the RDS update screen.

4. Click on the Upload botton. This will open another window, asking for the file to up-load. Select the .Hex program file.

5. Status will then change to Sending KQ. At this stage, release the E-Stop button, to allow software upload to take place.

Important: Do not break power supply while uploading, as this can damage the E-Prom.

6. When the controller Beeps and returns to the standard menu, Upload is complete and it is safe to remove the Upload cable and power supply.

7. Note: The controller will have reverted back to default setting after new software has been installed. It will be necessary to go into the Technician menu and select the correct sequence. And some default settings may also have to be changed for the individual machine. **It is very important to run the machine up and ensure that it is running correctly after carring out this procedure.**

1. Make a folder called 'RDS' in the in program files folder.
2. Save the .zip file into the RDS folder
3. Extract the files from the .Zip folder to the same location.
4. Drag the Icon 'psupdate' and drop it on to the desk top.
5. Connect up the cable to the controller and the computer.
6. Click on the icon 'psupdate'
7. Click 'Go'
8. A window will appear with the location for the file data file, if not already there go to the program files folder and then to the RDS folder.
9. Select the latest file 'EX301025.hex, check save factors and click 'OK'
10. The screen will say 'trying to connect to controller', turn the controller.
11. The controller will comunicate with the computer and display it's progress.
12. When complete the controller will restart and display the new software number and then go to the normal wraping menu.
13. Turn the controller off and disconnect the cable.
14. When the controller is turned on it will display the default program for a perticular machine, to change the model, go to 'Technical mode' enter and enter the code (,1,2,3,4,), enter 'sequence' and select the model required.
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pin conections for RDS update cable

RS232
F-male
1,2,3,4,5
 6,7,8,9

2   Black
3   Blue
5   Green

male
5,4,3,2,1
 9,8,7,6

3   Green
8   Black
7   Blue

file:///C|/Documents%20and%20Settings/bkynaston.TANCOIR...l%20CD/Tanco/manuals/RDS/RDS%20update%20connections.txt26/07/2005 12:36:11