

P.F.E. INTERNATIONAL
TO : ALL UK ENGINEERS AND OVERSEAS AGENTS

TECHNICAL BULLETIN NO. 1420/103

Please ensure this Technical Bulletin is read by all technical staff involved in the maintenance and repair of P.F.E machines.

This bulletin must be read by all P.F.E. engineers involved in the maintenance and service of Maximizer & Maximizer Plus, and must be attached to all copies of the Maximizer Service Manual.

MAXIMAILER & MAXIMAILER PLUS ISSUE 6 PCBs

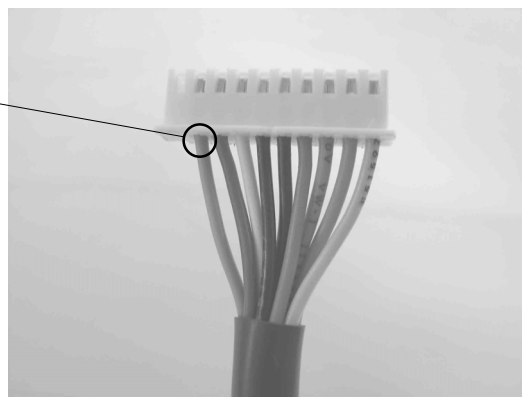
The control PCBs for Insert Head, 3-Plate Folder and Feeder on the Maximizer have recently changed and the issue level for all three has been unified at issue 6. The change to the PCB includes protection against accidental connection of a 24v input to a 5v connector (eg. a solenoid input into a sensor connector on the PCB). Should this now happen, the PSU will switch off internally to prevent damage to the PCB, requiring the Maximizer to be powered up again. The PSU has also been modified to add a capacitor which prevents spurious voltage 'spikes' in the current flow switching off the PSU unnecessarily.

However, if an issue 6 PCB is fitted to a machine in field (with the unmodified power supply), rapid opening and closing of a cover could result in the PSU switching off, apparently without cause. To prevent this happening, the PSU can easily be converted to ignore the protection circuitry on the PCB, restoring this part of the PCB to pre-issue 6 status. If in doubt about a PSU in field, a modified unit can be identified by its issue status, shown on a yellow label on the end face of the PSU, on the drive side of the machine. The issue is the number following the '/' after the part number. Modified issues are shown below:

Insert Head PSU	184-167/3
3-Plate Folder PSU	184-169/4
Feeder/Folder PSU	184-168/4
Cardfolder PSU	184-180/3

To carry out the modification, cut the **green** wire to the 10-way connector from the PSU, as shown below. Cut the wire as close the connector as possible and loop it back into the sleeve of the cable to insulate it. Attach a cable tie round the top of the sleeve to secure the looped wire. No other modification is necessary.

Cut green wire close
to connector



Note: Effective from the date of this bulletin, while issue 6 of the Insert Head and 3-Plate Folder PCBs are being supplied now, the issue 6 Feeder PCB is not yet released.