

Installation Guide to ECS Pinnacle Fount Solution

The following information is provided as a guide to installing the ECS Pinnacle Fount Solution. Press manufactures may vary slightly however the principle stays the same.

The products required are:

- DM175 Pinnacle Fount Solution
- DM250 Fount System Flush
- C705 Calcium Deposit Remover
- SND128 Roller Shampoo
- C511 Flash MRC

Begin by adding DM250 to the dampening system. At this point there is no need to drain the tanks. ECS recommend 5 – 8 ltr for a B1 press and 3 – 6 ltr for a B2 press. This is should be allowed to circulate around the dampening system for approximately 60 minutes.

Next add C705 to the system. Once again add 5 – 8ltr for a B1 press or 3 – 6ltr for a B2 press. Again allow this to circulate for 45 minutes.

After processing drain the full dampening system, fully clean the tank by hand and replace all filters.

Remove all dampening pans and clean by hand.

At this point the clean the rollers using the SND128 Roller shampoo. Apply the product directly to the roller and allow the press to run on idle / tick over for approximately 15 minutes. This will allow the shampoo to penetrate the rollers and help to soften any stubborn ingrained ink.

Replace the ink trays and rinse the rollers with warm water. Continue to do so until the water runs clear.

Finally clean the damper rollers with C511, Flash MRC.

At this point you have ensured the press is within a neutral and sterile condition.

Finally adjust all dampening rollers to standard machine settings. This can be found within the machine manual.

Once the press is clean prime the system with water and fount solution! The dosage level will be around 2.5 – 3.5%. We are trying to achieve a pH level of 3.8 – 4.2 and a conductivity reading of between 2500 and 3000 ms.



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Upon printing you will be required to increase the water levels slightly, approximately 20% and reduce the ink level also, again by 20%. This also allows a stable platform in which to work from. As the press runs up to color the image should appear cleaner with a sharper dot. Over the course of the installation you may be required to reduce the water level slightly. If this is the case do so until such time that scrumming begins to appear then increase the water back slightly.

Further adjustments to the ink and water may be required as press types dictate.

At the end of each shift it is highly recommended that the pan roller is cleaned thoroughly.

With some machines it is also advisable to remove alcohol from the press in stages. Begin with a 50% reduction, then after several weeks, reduce again by 50% and then finally remove all alcohol. At every stage ECS recommend fully cleaning and sterilizing the press as detailed above.

If you have any questions regarding the above guide or the overall installation of the ECS Pinnacle Fount Solution please contact the technical team via technical@ecsnotts.co.uk where a member of staff will be able to advise you accordingly.