

ANAPURNA M4F Start up Procedure

1. Turn the compressor ON
  - a. Wait for the compressor tank to fill up and compressor motor to cut-off
2. Turn the Air Drier ON (Air drier is used to take the moisture out of the compressed air)
3. Check the input air pressure on the rear right side of the engine (the gauge should read 0.5 Bars or 80 psi approx)
4. Clear the table on the Anapurna Engine
5. Check if the Mains are ON (from the wall)
6. Turn the Switch to 'ON' position from the Anapurna Engine (Rear Side - Left)
7. Make sure that the Emergency Switches are 'OUT'
8. Push the ON / OFF Switch; the engine will start booting up
  - a. At this moment, the carriage will start moving up. The carriage will then move towards the Home Side & move down
  - b. If the Safety Sensors were not activated; you will get a message on the Control Panel informing that 'The Safety is OFF' (the safety sensors are OFF). You will have two options, Press F2 & the sensors will stay OFF or Press F5 & the Sensors will activate.
  - c. Press F5 (the sensors will get activated) & the carriage will start moving up. The carriage will then move towards the Home Side & move down
  - d. *Agfa recommends that Safety Sensors should stay 'ON'*
9. After the boot up, the engine will go into 'OFF-LINE' Mode
10. Press F3 to push the Home Cover in
11. Clean the Capping Station (if required) & close the Capping Cover
12. Check:
  - a. The Vacuum : Should be around: – .036
  - b. The Sub Ink Tank & Head Base Temperature: Approx. 45 degrees & 49 degrees respect.

ANAPURNA M4F – Making Engine ready for Printing

13. Turn all the (ink) 2-way valves back to 'I' Position (ink position); (the extreme right hand side valve should already be at 'I' position).
  - a. Make sure the Home Cover is in (open)
14. Press the PURGE button 2 – 3 times and check the ink coming out of the print heads
  - a. If you see any Air Bubbles or Cleaning Solution, do some more purges (Quick Purge or Long Purge)
15. Take a new lint-free cloth and 'Tap' the print heads (No Wiping or Scratching) making sure :
  - a. There are no ink drops left on the print heads
  - b. Do not clean with dirty lint free cloth
16. Put some media (preferably banner media) on the bed and turn the Vacuum ON (make sure the media sits flat on the bed)
17. Do a Head Gap
  - a. Press 'Calib' and then press F6 (for Head Gap)
  - b. Press the Left Cursor Key (the carriage will move UP and then left wards)
  - c. Press Enter 3 times (with intervals) to complete the Head Gap
    - i. When Enter is pressed the first time, do a visual check if the Head Gap Sensor has come down
    - ii. Also make sure that the media is under the Head Gap Sensor (otherwise the media height will be recorded incorrectly)
  - d. Press ESC to go back to OFF LINE MODE screen
18. Check & adjust the Parameters (margins)
  - a. Put the Registration Bar to down position
  - b. Press F6 (for Parameters)
  - c. Go down to 'Margins' & put in the correct values (specially for Left Margin)
  - d. Also adjust N-point to 'N' & Top Margin to 'zero'
  - e. Press 'Enter' & move the Registration Bar back to 'up' position
19. Turn the Lamps 'ON' (may be, to Half Strength)
20. Press the F1 to do a Prime Test (Nozzle Test)
  - a. If all the nozzles look good, you are ready for printing
  - b. If not, you need to do some more purges (Ink Purge) making sure that Home Cover is in
  - c. If the print heads do not come good with Ink Purges, you might have to clean the print heads with Solvent (using the Solution Valve button on the rear side of the carriage)
    - i. For this, you need to turn the Solution 2-way valve to 'S' position
    - ii. Turn the Ink 2-way valve to 'S' position
    - iii. Press the Solution Valve button (rear side)
    - iv. Purge Ink after this procedure