
ANAPURNA M2050 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 Air Pressure Regulator mounted on the wall (or the compressor); the gauge should read 0.6 Bars or 100 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 both the Emergency Switches are 'OUT'
8. Turn the PC 'ON' by pressing the 'ON' button on the engine; let the windows boot up. A 'User Control Window' will appear; click 'YES' to continue
9. Press 'START' button to turn the engine ON
10. Double click on the AgfaRip2000 icon; a message will appear:
(If the Safety Sensors were not activated; you will get a message on the Control Panel)
 <<Warning>>
 The Safety is OFF
 Safety OFF (OK) / Safety ON (Cancel)
 - a. Press Cancel to turn the safety sensors ON; at this moment, the carriage will start moving up. The carriage will then move towards the Home Side & move down
 - b. *Agfa recommends that Safety Sensors should stay 'ON'*
11. At this stage another message will appear (To decide if you would like to use white ink or not)
 Use White Ink
 Yes (OK) / No (Cancel)
 - Option 1 (not using white)
 - a. Press Cancel if you do not wish to use / print white
 - i. Next screen: 'Empty White Ink' – Yes (OK), No (Cancel)
 - ii. Press YES & wait for 15 seconds (till the sub ink tank is empty)
 - iii. It is advisable to clean the white print heads with solution (flush the white heads)
 - Option 2 (using white)
 - b. Press OK if you want to use white
 - c. Message 'Please open the ink valve – YES (OK)'
 - d. Press OK
12. After the boot up, the engine will go into Offline Mode – CONTROL Window
13. Press 'Home Cover' to push it inside
14. Clean the Capping Station (if required) & close the Capping Cover
15. Check:
 - a. Negative Vacuum : Should be around: White: – .042 & Color: – .036 (Adjust if required)
 - b. Temperatures: White Sub Ink Tank: 40 degrees, Head Base Temp: 45 degrees, Color Sub Ink Tank: 40degrees

ANAPURNA M2050 – Making Engine ready for Printing

16. Turn all the (ink) 2-way valves (6 for color and 2 for white) back to 'I' Position (ink position); (the extreme right hand side valve & the extreme left hand side valve should already be at 'I' position; as they are the cleaning solution valves).
 - a. Make sure the Home Cover is in (open or away)
17. Press the COLOR 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)
18. *(IF Using White) Press the WHITE PURGE button 2 – 3 times and check the white 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)*
19. 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
20. Put some media (preferably banner media) on the bed and turn the Vacuum ON (make sure the media sits flat on the bed)
21. Do a 'Gap Setting' (while at Offline menu – CONTROL Window)
 - a. Press 'Gap Setting'; Head Gap Set window will appear
 - b. Press OK, the shuttle goes all the way up and moves to the 'POSITION'
 - c. Press OK; the sensor falls down (at this stage, the vacuum should be ON)
 - d. Press OK again. This time the shuttle will set the gap
 - e. Press OK and the shuttle returns HOME
22. Check & adjust the Parameters (margins) to do a PRIME Test
 - a. Put the 'Media set' Bar to down position (using the Media Set switch)
 - b. Adjust the Left Margin as required (make sure that PRIME Test is printed on the media). This can be done by pressing next to 'LEFT MARGIN' and then input a value (for example 200; which means Left Margin is set to 200 mm)
 - c. Move the Media Bar back to 'up' position (using the Media Set switch)
23. Turn the Lamps 'ON'
 - a. You may do PRIME TESTS without UV lamps turned ON
 - b. If the 'UV ON' selection (in the CONTROL window) is unchecked, the UV lamps will not turn ON for Prime Test
 - c. Press PRIME; the shuttle will move to the left and perform a nozzle test (Print head test)
 - d. To check white print heads, you need to have a film or black media
24. If all the nozzles look good, you are ready for printing
 - a. If not, you need to do some more purges (Ink Purge) making sure that Home Cover is in
 - b. 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 rights 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 (front right side on the carriage)
 - iv. Purge Ink after this procedure