

Ink conversion procedure:

Mimaki JV3

Converting from Mimaki SS2 to Lyson 1300 Series Inkset





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Please address any questions, comments and suggestions to your nearest Nazdar Technical service department.

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IMPORTANT INFORMATION TO READ BEFORE PROCEEDING WITH YOUR INSTALL

The following conversion procedure is designed to convert over your Mimaki printer to Lyson 1300 series inkset whether 4 or 6 colour. The Lyson 1300 series inkset has been specifically formulated to be a fully compatible colour match, thereby alleviating the need to flush the printer or generate new profiles.

Failure to proceed with the correct method may cause damage to your printer. Nazdar cannot be held responsible due to lack of care during this procedure. If you require any further information on what method you need to perform, please contact your nearest Nazdar technical service department for further information or instruction. The list of your nearest Nazdar technical team can be found on page 2 of the conversion procedure.

To ensure safe Use

Pictorial Signs

Pictorial Signs are used to as a visual reference throughout the industry to quickly inform everybody of a certain safe practise that is needed to be carried out or to warn of pending danger.



For your own safety wear safety glasses



This symbol indicates a prohibited behaviour, refrain from doing



This symbol gives you a caution, advising of possible error or harm



For your own safety wear safety gloves

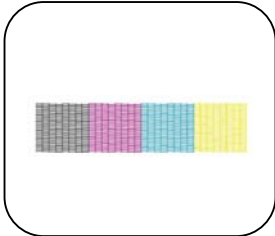


All personnel mixing and handling these products must wear gloves and eye protection. Clean up spills immediately. If ink does come in contact with skin, wipe ink off with a clean, dry, absorbent cloth (do not use solvent or thinner). Wash the affected area with soap and water. Consult the Nazdar® Lyson® 1300 Series Material Safety Data Sheet for further instructions and warnings.

Requirements

- Full set of Lyson 1300 Series Inkset cartridges (2 x CMYK or 1 x CMYKLCm, Plus 2 x Cleaning Cartridges)

Step 1



Before commencing with the ink conversion it is essential you obtain a good nozzle check (procedure for performing nozzle check is in appendix 1. No warranty dispute, regarding the conversion can be supported or defended if a pre nozzle check is not supplied. If several nozzles are permanently missing even after several cleans, you can proceed providing the customer agrees to signing a disclaimer, stating the condition of the nozzle check before conversion. A copy of the disclaimer is located in appendix 2 of this conversion procedure.



Empty waste bottle before commencing, this is usually located on the underside on the printer. Dispose of the ink safely, as guided in your Mimaki user manual
(Consult your user manual if you are unsure of the waste tanks location)

Step 2



Next remove each Mimaki SS2 cartridge one by one replacing with the Lyson 1300 series inkset, taking care that the colour removed is replaced with the identical colour from the Lyson series inkset.

(If a bulk feed system or refillable system is being used, please refer to next page)

If a cartridge fails to install correctly, consult the 'Cartridge fails to install' section in appendix 1)

Step 3



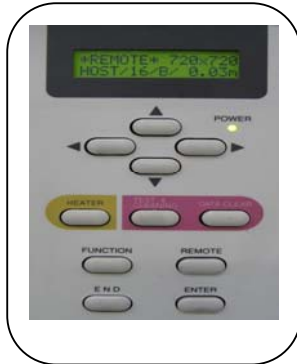
Make sure the printer is in [Local] mode

(An explanation on Local/Remote mode and the display panel is explained in Appendix 1);

On the display screen the [Function] button can be seen. Press the [▼] key until **FUNCTION MAINTENANCE<ENT>** is Displayed.

Once displayed, Press the [Enter] key.

Step 4



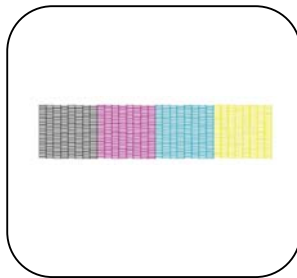
Next, press the [▼] key until  is Displayed. Again, press the [Enter] key.

The printer will now perform an ink fill. This will automatically replace the Mimaki SS2 inks with your new Lyson 1300 series inkset through the ink lines and takes approx 3-5 minutes to perform.

Once the ink fill has finished, press the [Enter] key once more to repeat the process.

You have almost completed the conversion.

Step 5



When the second ink fill has finished, revert it back to [LOCAL] mode by pressing the [End] KEY until [Local] is again displayed in the display screen. You need to perform a nozzle test print and compare it against the nozzle test print previously performed with the Mimaki SS2 inkset.

If there are nozzles missing, which were present before the ink conversion perform a 'strong' clean.

(The method to perform a clean is explained in appendix 1)

Again perform a nozzle test print. Repeat this procedure until all the nozzles are restored

If you fail to restore any nozzles lost during the conversion procedure, consult your nearest Nazdar technical support team as shown on page 2 for further instruction and guidance.



Please refrain from removing the cartridges from the printer before they are empty. As with the OEM, removing and replacing the cartridges repeatedly may allow ink to leak into the printer.



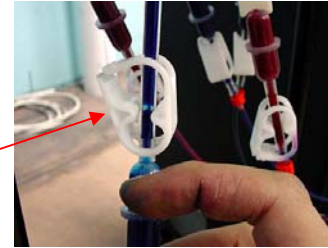
Even though, you have converted your Mimaki printer to Lyson 1300 series inkset you must still carry out the general maintenance procedure as documented in your Mimaki user manual. Failure to do so may cause irreparable damage to your printer. There is a guide on the procedures in appendix 1 for basic maintenance.

The use of a bulk feed system or refillable cartridges



Triangle or similar bulk feed system

Pinch clips to stop flow of ink



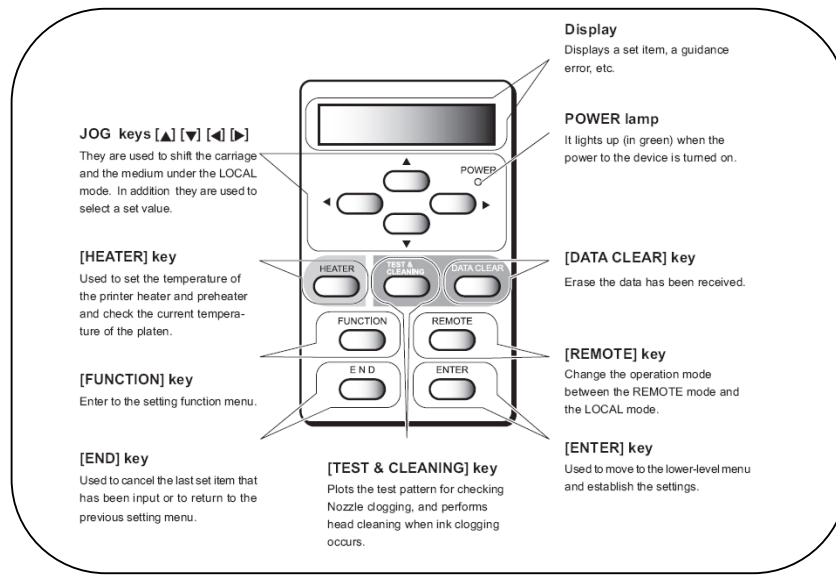
1. Complete a nozzle test print to insure that all nozzles are firing properly. Note any defective nozzles.
2. Print control images with the existing ink system.
3. Power down machine.
4. Close ink lines (pinch control located below the bulk ink tanks).
5. Disassemble ink line at bulk ink tank.
6. Open the bulk ink tank cap and drain the bulk ink tank and ink lines of existing ink system.
7. Clean any remaining ink in the bulk ink tank with DCA04 solvent and deposit into an appropriate waste container.
8. Assemble bulk ink tank onto stand and reattach the ink lines.
9. Secure ink tanks into place and fill each tank with approximately $\frac{3}{4}$ of ink from the Lyson 1300 litre container.
10. Close bulk ink tank cap.
11. Return back to the conversion procedure.

Refillable cartridges



1. Complete a nozzle test print to insure that all nozzles are firing properly. Note any defective nozzles
2. Print control images with the existing ink system.
3. Remove the ink cartridges from the machine and drain the existing ink from the cartridges.
4. Fill the Lyson 1300 inks into the cartridges to about $\frac{3}{4}$ full.
5. Place the cartridges into the machine.
6. Return to the conversion procedure

Appendix 1)



- **Local/Remote Mode Selection**

Press the [Remote] key to toggle between [Local] and [Remote] mode.

- **Performing a Nozzle Test Print**

Press the [Test & Cleaning] key once in [local] mode. When Test Draw is displayed on the display panel, press [Enter] Key. Press [End] key to return to [Local] mode after the print has finished.

- **Performing a Clean Function**

Press the [Test & Cleaning] key twice in [local] mode. Cleaning and Type will be displayed on the display panel. Pressing the [▼] key will switch between Normal, Strong or Soft clean. Select the strength of clean you require and press [Enter]. After the clean has finished press [End] to return to [Local] mode.

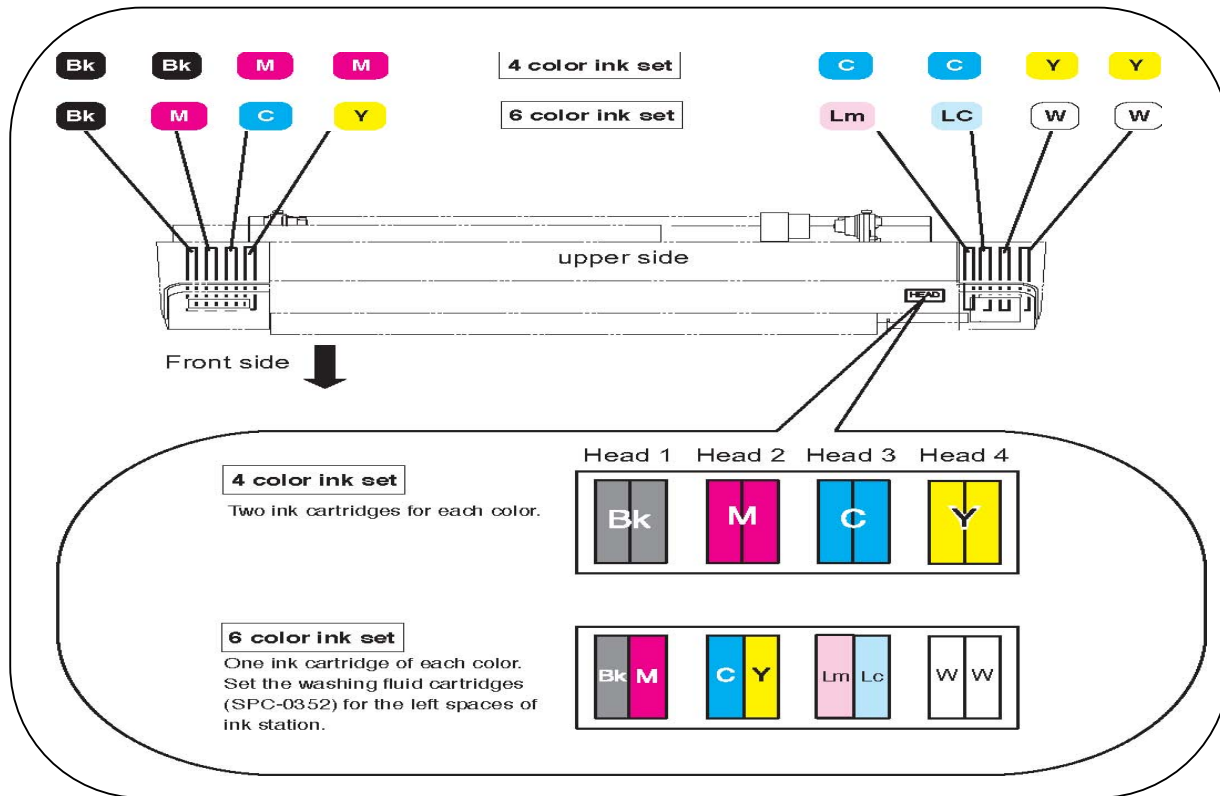
- **Cartridge fails to install**

- 1) Check the cartridge is being inserted into the correct cartridge slot.
- 2) Check the chip on the side of the cartridge is clean from any grease. Gently wipe the chip surface with some alcohol and a lint free cloth. Make sure the chip is fully dry before reinserting it into the cartridge slot.
- 3) Has the cartridge size been changed i.e. (220ml ⇌ 440ml or Vis versa). If you were previously running 220ml cartridges and you have changed to 440ml you will need to reset the new cartridge size on the display panel. 220ml cartridges are set as '**SS Sol**'. 440ml cartridges are set as '**SS2 Sol**'. To allow the change, the printer has to be reset to read the new cartridge from **SS Sol4 or 6** to '**SS2 sol4 or SS2 sol6**'. (**Sol4** and **Sol6** being **4** or **6** colour)
This function is found within the maintenance mode on the display panel.

The procedure for changing between SS2<>SS inks is located in maintenance mode. Press [Function] key in [Local] mode. When [Maintenance] is displayed, Press [Enter] Key. Next press [▼] key until SS2<>SS CHG <ENT> is displayed. Pressing, [Enter] toggles between the two options.

- 4) Make sure the cartridge is a new cartridge and not a used or empty cartridge and it has a chip on the side.
- 5) If all of the above fail to rectify the issue, consult your nearest Nazdar Technical Department.
(A list of your nearest Nazdar Technical department is listed on page 2)

Reference of Ink cartridge Installation



Preventative Maintenance Measures



Gently wipe down around the cap station and the wiper arm, any dried ink which may contaminate the new setup. Using a swab and some of the Lyson flush solution, gently wipe down the area around the cap station, followed by wiping down the wiper blade and underneath the carriage on the fascia of the printheads. Dispose of any gloves, swabs and empty cartridges used during the conversion in a proper manner.

Recommended parts to perform general maintenance

- Latex Gloves
- Safety glasses
- Cleaning Swabs
- Lint free cloths
- Lyson 1300 Flush Solution

NOTES: The cartridges used in the preparation do not signify that these are the Ink/Cleaning cartridges used during your procedure. They have merely been used to assist putting this document together. Any further issue please contact your nearest Nazdar Technical Department



Appendix 2)

Disclaimer

Date:

Customer:

Contact:

Address:

Phone Number:

Fax Number:

Technician:

Printer/Equipment:

Problem:

Parts Agreed to Check/Handle:

Parts that are Defective Explain:

Customer Acknowledgement:

This acknowledgement is only an estimate of the printer/equipment problem. There could be additional problems that exist, and is recommended that the printer manufacturer is first consulted on existing problems.

I acknowledge the receipt and services that Nazdar Technician, _____, will provide. If a part is damaged during Nazdar Technician handling during on-site visit, Nazdar assumes full responsibility of payment and part replacement. If a part discontinues proper operation following Nazdar Technician handling during an on-site visit, Nazdar will not accept responsibility of payment or part replacement.

I have received a copy, read, understand, and agree to terms and conditions listed on this Technician Service Handling Agreement.

Customer Signature, Date

Nazdar Technician Signature, Date