

Ink conversion procedure:

Roland Printers (Except AJ-1000)

Converting from Roland Ecosol Max to Lyson 2000 Series Inkset





Rev 2.0, May 2007

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IMPORTANT INFORMATION TO READ BEFORE PROCEEDING WITH YOUR INSTALL

The following conversion procedure is designed to convert over your Roland printer to Lyson 2000 series inkset whether 4 or 6 colour. The Lyson 2000 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.

To ensure safe Use

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.

Pictorial Signs

Pictorial Signs are used as a visual reference throughout the industry to quickly inform everyone 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

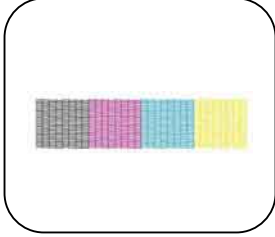


- When handling ink containers, be careful that ink does not get in your eyes or on your skin. However, if this happens, flush immediately with water. Otherwise, your eyes may become congested or inflamed slightly. If you feel discomfort, consult a doctor immediately.
- Do not disassemble ink Containers. Otherwise, ink may get in your eyes or on your skin.
- Only use Nazdar/Lyson Solvent ink and appropriate cleaning liquid. Using other solvent inks will cause permanent damage to the printer.
- Please refer to the Material Data Safety Sheet for further handling instructions. A copy of the document can be requested from your Nazdar Distributor or from our website.

Requirements

- Full set of Lyson 2000 Series Inkset cartridges

Step 1

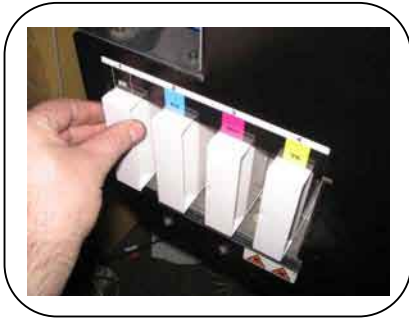


Before commencing with the ink conversion it is essential you obtain a good nozzle check (procedure for performing nozzle check is in appendix 1.) No warranty dispute, regarding the conversion can be supported or defended if a pre nozzle check is not supplied. If several nozzles are permanently missing 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 the waste bottle before commencing. This is usually located on the underside of the printer. Dispose of the ink safely, as guided in your Roland user manual
(Consult your user manual if you are unsure of the waste tank)

Step 2



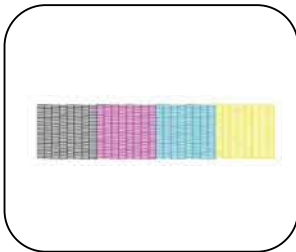
Next remove each OEM cartridge one by one replacing with the Nazdar 2000 series inkset, taking care that the colour removed is replaced with the identical colour from the Nazdar inkset.

Next, perform 2 powerful cleans. This will replace the OEM ink currently within the ink lines with the newly installed Lyson 2000 inkset. Allow 3 minutes rest before performing another final powerful clean.

(Procedure for performing cleans is located in appendix 1)

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

Step 3



You need to perform a nozzle check pattern and compare it against the nozzle check performed with the OEM inks before the ink change procedure began. If there are nozzles missing which were present before the ink change perform a 'powerful' clean (the method to perform a clean is located in the appendix 1). Again repeat the nozzle check pattern. Repeat until nozzles are restored. If you fail to restore all the nozzles 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.



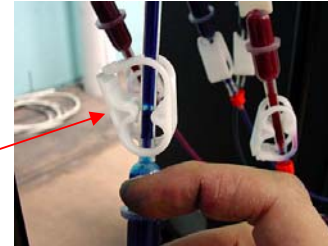
Even though, you have converted over your Roland printer to Lyson 2000 series inkset you must still carry out the general maintenance procedure as documented in your Roland user manual. Failure to do so may cause irreparable damage to your printer. There is a guide on the procedures in appendix 1 for 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 Lyson 2000 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 2000 litre container.
10. Close bulk ink tank cap.
11. Return back to step 2.

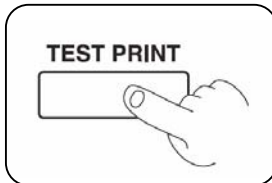
Refillable cartridges



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. Clean the refillable cartridge with Lyson 2000 flush or replace with a new refillable cartridge.
5. Fill the Lyson 2000 inks into the cartridges to about $\frac{3}{4}$ full.
6. Place the cartridges into the machine.
7. Return to step 2.

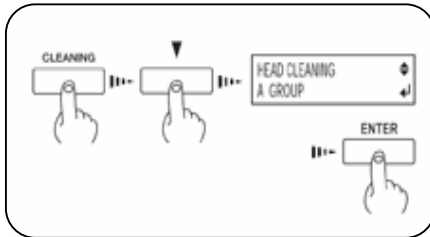
Appendix 1)

- **Performing a Test Print**



Press and hold the [Test Print] key for more than one second

- **Performing a Clean Function**



Press the [Cleaning] key, and press the [▼] key to select the printing head group to clean.

Head groups a) Cyan, Magenta. b) Yellow, Black. c) L/Cyan, L/Magenta.

Press [Enter] key to start head cleaning.

Also, holding down the [Cleaning] key for more than one second starts head cleaning automatically for all heads.

Smaller printers i.e. Versacamm 300, may require only two powerful cleans to restore missing nozzles. Larger printers i.e. XC540 or XC740 may require several cleans to restore all nozzles

- **Preventative Maintenance Measures**



Gently wipe down around the cap station and the wiper arm of any dried ink and foreign particles that may contaminate the new setup using a lint free 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 any Lyson 2000 flush used during the conversion in a proper manner.)

Recommended parts to perform general maintenance

- Latex Gloves
- Safety glasses
- Cleaning Swabs (lint free)
- Lint free cloths
- Lyson 2000 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:
Serial No:
Manufacture Date:

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, unless it is proven that nazdar or a Nazdar product is responsible for the discontinued operation.

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