



Nazdar Ink Technologies -
Sede Mundial
8501 Hedge Lane Terrace
Shawnee, KS 66227-3290 USA
Toll Free US: 866-340-3579
Tel: +1 913-422-1888
Fax: +1 913-422-2296
E-mail: custserv@nazdar.com
Technical Support E-mail:
InkAnswers@Nazdar.com

Nazdar Limited – EMEA
Battersea Road, Heaton Mersey
Stockport, England SK4 3EE
Tel: + 44 (0)-161-442-2111
Fax: + 44 (0)-161-442-2001
EMEA Technical Service E-mail:
technicalservicesuk@nazdar.com

Nazdar – China
Room 17-04, Silver Centre
1388, North Shan Xi Road
Shanghai 200060 China
Tel: +86-13818301261
E-mail: aspac@nazdar.com

Nazdar – Asia Pacific
10, Changi South Street 3 #01-01
Singapore 486147
Tel: +65-65434920
Fax: +65-65433690
E-mail: aspac@nazdar.com

www.nazdar.com



NAZDAR INK CONVERSION GUIDE

FOR WIDE FORMAT SOLVENT DIGITAL PRINTERS



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Section 1: Introduction and Best Practices

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Nazdar reserves the right to make changes, without notice, to the specifications and materials herein and shall not be responsible for any damages (including consequential) caused by reliance on the materials presented, including but not limited to typographical, arithmetic or listing errors.

The following document describes the process necessary to convert wide format solvent digital printers to Nazdar inks. If converting printers not listed specifically in this document please seek guidance from Nazdar Technical Service Departments.

This document is intended for guidance only and does not represent or contain practices recommended by the equipment manufacturers. If unsure of any of the content or instructions then we recommend guidance is sought. Any actions taken are at the risk of the printer owner.

Precautionary Measures:

PLEASE ENSURE THE PRINTER IS IN FULL WORKING ORDER BEFORE COMMENCING ANY CONVERSION. IF THE PRINTER IS NOT IN COMPLETE WORKING ORDER THE DISCLAIMER IN SECTION 5 SHOULD BE COMPLETED.

- When handling ink containers, avoid any contact between the ink and eyes or skin. If this occurs, flush immediately with water and consult a doctor if discomfort persists. Further guidance can be found in the Nazdar MSDS, located at www.nazdar.com.
- Do not disassemble ink containers.
- Only use Nazdar solvent ink and specified cleaning/flushing liquids. Using other ink or fluids may cause permanent damage to the printer.
- Once any printer is converted to Nazdar ink the user must continue the maintenance program provided by the equipment manufacturer. Failure to do so may invalidate any warranty claims.

Nazdar Ink Technologies -
World Headquarters
8501 Hedge Lane Terrace
Shawnee, KS 66227-3290 USA
Toll Free US: 866-340-3579
Tel: +1 913-422-1888
Fax: +1 913-422-2296
E-mail: custserv@nazdar.com
Technical Support E-mail:
InkAnswers@Nazdar.com

Nazdar Limited – EMEA
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Tel: + 44 (0)-161-442-2111
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technicalservicesuk@nazdar.com

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Section 2: OEM to Nazdar Cartridge Conversion

Nazdar wide format solvent inks are specially formulated to be chemically miscible and color compatible with their OEM counterparts. This means, that when using products from the Nazdar wide format solvent cartridge range, they can be mixed with OEM cartridges or introduced as OEM cartridges expire.

Simply replace the OEM cartridges at any time with the relevant Nazdar cartridge by inserting in exactly the same way.

Check below for compatible ranges to OEM ink offerings:



Printer	OEM Ink	Nazdar Ink
Mimaki JV3	Mimaki SS2 Ink	1302 Series
Mimaki JV33 & CJV30	Mimaki SS21 Ink	133 Series
Mimaki JV5	Mimaki HS Ink	155 Series
Roland RS, SJ, VP, EX, XC, VS, XE	Roland Eco Sol Max	2000 Series
Roland XF, XR & Vsi	Roland Eco Sol Max 2	202 Series
Roland AJ 740, 1000	Roland Eco Extreme (Ai1)	740 Series
Roland AJi 740-i, 1000-i	Roland Ai3	213 Series
Mutoh ValueJet 1204, 1304, 1604, 1608, 1614, 2606	Mutoh Eco Ultra	2100 Series
Seiko Colorpainter 64 & 100	Seiko IP6 Series	564 Series
HP DesignJet 9000 & 10000	HP 790 & 791 Ink	910 Series

- Remove OEM cartridge.
- Insert Nazdar cartridge.

Please be aware that the OEM may offer multiple ink sets for the printer listed above. Nazdar can only guarantee compatibility with the ink sets specifically mentioned.



Section 3: Non-OEM or 3rd Party to Nazdar Cartridge Conversion

This section refers specifically to sealed cartridges containing non-OEM or 3rd party inks. Below is a procedure overview and list of appropriate Nazdar products. For further guidance please contact Nazdar Technical Services.



Printer	Nazdar Solvent Flush	Priming Function	Perform Function	Nazdar Ink
Mimaki JV3	LWS1302FFC2	Fill Up Ink	6 Times	1302 Series
Mimaki JV33 & CJV30	LWS133FFC2	Fill Up Ink	6 Times	133 Series
Mimaki JV5	LWS155FFC2	Fill Up Ink	6 Times	155 Series
Roland RS, SJ, VP, EX, XC	LWS2000FFC2	Powerful Clean	3 Times	2000 Series
Roland VS, RE	LWS2000FFC2	Ink Renew	2 Times	2000 Series
Roland XF, XR & Vsi	LWS202FFC2	Ink Renew	3 Times	202 Series
Roland AJ 740, 1000	LWS740CF1C	Powerful Clean	3 Times	740 Series
Roland AJi 740-i, 1000-i	LWS213CF1C	Powerful Clean	3 Times	213 Series
Mutoh ValueJet 1204, 1304, 1604, 1608, 1614, 2606	LWS2100FFC2	Little Ink Charge	5 Times	2100 Series
Seiko Colorpainter 64 & 100	LWS564CF1C	Ink Charge	2 Times	564 Series
HP DesignJet 9000 & 10000	LWS910CF1C	Ink Charge	2 Times	910 Series

- Perform a nozzle test and retain.
- Remove existing cartridges.
- Install appropriate Nazdar flush cartridge listed in the table above into each slot.
- Prime the system using the function specified the stated number of times*.
- Ensuring the ink tubes are now clear, remove Nazdar Flush cartridges.
- Install appropriate Nazdar ink cartridge listed in the table above.
- Prime the system using the function specified the stated number of times*.

After completing this procedure, perform a nozzle test print and compare it against the nozzle test print produced with the previous ink set.

If there are nozzles missing, which were present before the ink conversion, perform a further Ink fill or Powerful Clean*.

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 Nazdar Technical Services for further instruction and guidance.

*Terminology may vary. Please consult your user manual if unsure of correct action.

Section 4: Non-OEM or 3rd Party to Nazdar Bulk Feed Systems Conversion

This section refers specifically to bulk feed systems or refillable cartridges that are being used with non-OEM or 3rd party inks. Below is a procedure overview and list of appropriate Nazdar products. For further guidance or more details please contact Nazdar Technical Services.



Printer	Nazdar Solvent Flush	Nazdar Ink
Mimaki JV3	LWS1302FF1L (X4)	1302 Series
Mimaki JV33 & CJV30	LWS133FF1L (X4)	133 Series
Mimaki JV5	LWS155FF1L (X6)	155 Series
Roland RS, SJ, VP, EX, XC, VS, XE	LWS2000FF1L (X4)	2000 Series
Roland XF, XR & Vsi	LWS202FF1L (X4)	202 Series
Roland AJ 740, 1000	LWS740CF1L (X6)	740 Series
Roland AJi 740-i, 1000-i	LWS213CF1L (X6)	213 Series
Mutoh ValueJet 1204, 1304, 1604, 1608, 1614, 2606	LWS2100FF1L (X4)	2100 Series
Seiko Colorpainter 64 & 100	LWS564CF1L (X6)	564 Series
HP DesignJet 9000 & 10000	LWS910CF1L (X6)	910 Series

- Perform nozzle test print and retain.
- Remove bulk feed system.
- Thoroughly clean bulk feed system with Nazdar solvent flush listed in the table above.
- Thoroughly clean printer ink lines with the appropriate Nazdar solvent flush listed in the table above.
- Empty bulk feed system of solvent flush and reinstall.
- Introduce the appropriate Nazdar ink (listed in the table above) to the now empty bulk feed system.
- Prime the system using the function specified in section three to remove solvent flush from the printer ink lines and fill with Nazdar ink. Repeat priming until all solvent flush is removed.

After completing this procedure, perform a nozzle test print and compare it against the nozzle test print produced with the previous ink set.

If there are nozzles missing, which were present before the ink conversion, perform a further Ink fill or Powerful Clean*.

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 Nazdar Technical Services for further instruction and guidance.

*Terminology may vary. Please consult your user manual if unsure of correct action.

Section 5: Disclaimer

Date:

Company Name:

Contact:

Position:

Address:

Phone Number:

Fax Number:

Email:

Technician:

Printer/Equipment:

Problem:

Parts Agreed to Check/Handle:

Parts that are Defective Explain:

Customer Acknowledgement:

I hereby acknowledge that the issue/issues described above were present on said equipment prior to commencement of the ink conversion. I am fully aware that this is only an estimate of the printer/equipment problem and there could be additional problems that exist. It is recommended that the printer manufacturer is first consulted on existing problems.

Complete if a Nazdar Technician is to undertake the ink conversion:

I hereby acknowledge the receipt of services that Nazdar Technician, _____, will provide. If a part is damaged during Nazdar Technician handling during on-site visit (excluding those listed above), Nazdar assumes full responsibility of payment for parts and 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 conversion disclaimer and Nazdar Limited Equipment Warranty.

Customer Signature, Date

Nazdar Technician Signature, Date