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## NAZDAR INK CONVERSION GUIDE FOR WIDE FORMAT SOLVENT DIGITAL PRINTERS



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# Section 1: Introduction and Best Practices

THIS DOCUMENT MAY NOT IN WHOLE OR IN PART BE COPIED, STORED ELECTRONICALLY OR COMMUNICATED TO A THIRD PARTY WITHOUT WRITTEN AGREEMENT OF NAZDAR.

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](http://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.

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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:

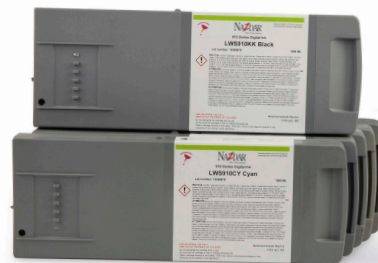


Printer	OEM Ink	Nazdar Ink
Mimaki JV3	Mimaki SS2 Ink	<b>1302 Series</b>
Mimaki JV33 & CJV30	Mimaki SS21 Ink	<b>133 Series</b>
Mimaki JV33, CJV, JV300 & JV150	Mimaki SS21 Ink	<b>130 Series</b>
Mimaki JV5	Mimaki HS Ink	<b>155 Series</b>
Mimaki JV3, JV33, JV5 & CJV	Mimak ES3 Ink	<b>153 Series</b>
Mimaki JV3, JV33, JV5 & CJV	Mimak BS3 Ink	<b>183 Series</b>
Roland RS, SJ, VP, EX, XC, VS, XE, RE	Roland Eco Sol Max	<b>2000 Series</b>
Roland XF, XR & VSi	Roland Eco Sol Max 2	<b>202 Series</b>
Roland AJ 740, 1000	Roland Eco Extreme (Ai1)	<b>740 Series</b>
Roland AJi 740-i, 1000-i	Roland Ai3	<b>213 Series</b>
Mutoh ValueJet 1204, 1304, 1604, 1608, 1614, 2606	Mutoh Eco Ultra	<b>2100 Series</b>
Seiko Colorpainter 64 & 100	Seiko IP6 Series	<b>564 Series</b>
HP DesignJet 9000 & 10000	HP 790 & 791 Ink	<b>910 Series</b>

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- 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	<b>1302 Series</b>
Mimaki JV33 & CJV30	LWS133FFC2	Fill Up Ink	6 Times	<b>133 Series</b>
Mimaki JV33, CJV, JV300 & JV150	LWS130FFC2	Fill Up Ink	6 Times	<b>130 Series</b>
Mimaki JV5	LWS155FFC2	Fill Up Ink	6 Times	<b>155 Series</b>
Mimaki JV3, JV33, JV5 & CJV	LWS153FFC2	Fill Up Ink	6 Times	<b>153 Series</b>
Mimaki JV3, JV33, JV5 & CJV	LWS183FFC2	Fill Up Ink	6 Times	<b>183 Series</b>
Roland RS, SJ, VP, EX, XC	LWS2000FFC2	Powerful Clean	3 Times	<b>2000 Series</b>
Roland VS, RE	LWS2000FFC2	Ink Renew	2 Times	<b>2000 Series</b>
Roland XF, XR & VSi	LWS202FFC2	Ink Renew	3 Times	<b>202 Series</b>
Roland AJ 740, 1000	LWS740CF1C	Powerful Clean	3 Times	<b>740 Series</b>
Roland AJi 740-i, 1000-i	LWS213CF1C	Powerful Clean	3 Times	<b>213 Series</b>
Mutoh ValueJet 1204, 1304, 1604, 1608, 1614, 2606	LWS2100FFC2	Little Ink Charge	5 Times	<b>2100 Series</b>
Seiko Colorpainter 64 & 100	LWS564CF1C	Ink Charge	2 Times	<b>564 Series</b>
HP DesignJet 9000 & 10000	LWS910CF1C	Ink Charge	2 Times	<b>910 Series</b>

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- 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 JV33, CJV, JV300 & JV150	LWS130FF1L (X4)	130 Series
Mimaki JV5	LWS155FF1L (X6)	155 Series
Mimaki JV3, JV33, JV5 & CJV	LWS153FF1L (X4)	153 Series
Mimaki JV3, JV33, JV5 & CJV	LWS183FF1L (X4)	183 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

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- 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