Kodak

Trendsetter NX Narrow/Mid

Installation Procedure

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1. ABOUT THIS DOCUMENT

This document is a guide for a field engineer who is installing a Kodak® Trendsetter® NX Narrow/Mid imager. It is assumed that the person following this document has completed training on installation of Trendsetter 400/800 III CTP devices.

Installation instructions for the Kodak Flexcel™ NX Laminator are provided in a separate document available on the NX Laminator Installation page on TechPlanet (http://techplanet.creo.com/output/computer_to_plate/flexcel_nx_laminator/nav/install.htm).

2. PREPARING FOR INSTALLATION

2.1 Site Preparation

One month before the installation a presite inspection should be done to ensure a smooth and timely installation. See the *Flexcel NX Digital Flexographic System Site Preparation Guide* on the Installation page in TechPlanet at http://techplanet.creo.com/output/computer_to_plate/trendsetter_nx/nav/install.htm

Prior to the installation date, obtain a copy of the signed, completed *Site Preparation Checklist* (*Appendix B* of the Site Preparation Guide) and confirm that the customer has completed the requirements, including:

- Acceptable air supply quality (correct pressure, no water or oil in supply line)
- Dedicated phone line or broadband Internet connection for remote support
- Network connections
- Electrical requirements
- Floor space requirements
- Trendsetter NX imager work area dimensions
- Weight and level floor requirements
- Environmental conditions
- UDRC requirements

2.2 Required Tools and Equipment

- Two or three ½-in. sockets for opening crates
- Metric hex key set
- Screwdrivers
- Grounding wrist strap
- Loctite® adhesive
- Installation floor plan
- Vacuum for final cleanup
- Service dongle
- Forklift (as specified in the *Site Preparation Guide*) and operator for removing the Trendsetter NX imager from its crate
- Metric and imperial wrenches
- Multimeter
- Utility blade
- Spirit level for leveling device
- Cleaning rags and solutions (99% isopropyl alcohol and liquid soap)

2.3 Related Documents

- *Flexcel NX Digital Flexographic System Site Preparation Guide* (707-00638B)

  http://techplanet.creo.com/output/computer_to_plate/trendsetter_nx/nav/install.htm#site_prep
- *UDRC Site Preparation Guide* (725-00089A)

  http://techplanet.creo.com/output/heads/debris_removal/nav/install.htm#site_prep
- *Flexcel NX 2.0 Thermal Imaging Layer Media Technical Note*

  http://techplanet.creo.com/consumables/media/nav/flexo.htm#flexcel
- *Thermal 2 Head Installation Procedure for Trendsetter Platesetters* (719-00585A)

  http://techplanet.creo.com/output/heads/thermal_2/nav/install.htm#install_procs
- *UDRC Installation Procedure* (750-00091A)

  http://techplanet.creo.com/output/heads/debris_removal/nav/install.htm#install_procs
- *GMCE Intel Pro/1000 MT Server Adapter Installation, Configuration and Testing* (719-00735A)

  http://techplanet.creo.com/output/device_control/print_console/content/docs/719-00735A-EN-A.pdf
- *CFL Setup Guide*

  http://techplanet.creo.com/output/device_control/feature_licensing/content/docs/CFL_setup_guide.pdf
- *Trendsetter 400/800, AL, CL, & NEWS Operator Onsite Training Checklist* (73 00145A)

  http://techplanet.creo.com/output/computer_to_plate/trendsetter_3244/nav/install.htm#install_procs

- *Flexcel NX Digital Flexographic System Installation Test Procedure Checklist* (732-00163A)

  http://techplanet.creo.com/output/computer_to_plate/trendsetter_nx/nav/install.htm#accept

3. UNPACKING

Carefully open all crates and boxes.

Throughout the unpacking process, check for any signs of damage and notify immediately to Kodak immediately about any problems..

3.1 Crate and Contents Inspection

Inspect all delivered crates and boxes:

- Look for signs of damage from moisture, improper packing, tipping, dropping, stacking, and so on of crates, or any other sign of mishandling.
- Verify the contents of the crate and boxes according to the shipping label.
- Report any problems immediately to both Kodak and the delivery company.

3.2 Unpacking the Trendsetter NX Imager

1. Open the shipping crate to allow access to the front and back of the device.

WARNING: Carefully unwrap the packaging from the system to minimize static discharge from tapes and plastic.

2. Inspect all contents for damage and record any problems on the Installation Report.
3. Remove boxes and other items that are not attached to the device from the crate.
4. Remove enough of the packaging from the top and front of the Trendsetter NX imager so that:
   - The lower-front panel can be hinged up.
   - The forklift slots are visible.

WARNING: Trendsetter NX imagers must have the front panel open or removed to prevent damage to the panels while the device is being moved.

5. Measure 80 cm (30 in.) from the tip of the forks on the forklift and mark this location on the forks with tape or another method.

Note: The forklift must have a minimum 1,365 kg (3,000 lb.) capacity, the width of the forks must not exceed 15 cm (6 in.), and the span should be 51 cm (20 in.).

6. Slowly and carefully, slide the forks in to a depth of 80 cm (30 in.) maximum (so the forks do not damage the back panel).

   If you need more clearance between the open panel and the forklift:

   a. Remove the spring clips from one end of the gas struts.

   b. Detach the struts.

   c. Hinge the panel up higher.

7. Lift the device clear of the crate and gently lower the device onto its wheels.
8. Reinstall the gas struts and clips for the front panel if they were removed.
9. Close the front panel and move the Trendsetter NX imager to its permanent location.

3.3 Unpacking the Workstation and UDRC

1. Open the shipping crates and remove the contents.
2. Verify the contents, inspect for damage, and record any problems.
3. Move the workstation and other components to the permanent location using a dolly if one is available.
4. Unpack the workstation and other components.
5. Remove the packing material from the working area.

4. ASSEMBLY AND CONFIGURATION

4.1 Initial Setup

1. Remove any remaining packaging from around the top of the Trendsetter NX imager.
2. For a base Trendsetter, install the glass load ramp.
3. Open the lower-front panel.
4. Remove the foam from under the drum and from both ends of the trailing edge bar.
5. Close the front panel.
6. Connect the air to the Trendsetter device and regulate the pressure down to 80 psi, with the adjustment valve on the back of the machine.
7. Connect the power to the Trendsetter device (200–240 V) to ground the device.
8. Level the Trendsetter:

   a. Adjust the height of the attached feet to level the Trendsetter.

   b. Ensure the machine is elevated off of the casters.

   c. Ensure that the frame has not twisted due to excessive height differences between the feet.

4.2 Thermal Head

The Trendsetter NX imagers are shipped from the factory with the thermal heads installed.

1. To access the thermal head, open the top panel. to access the screws.

2. Remove the screws holding the rear panel in place and remove the rear panel.
3. Make sure all cables are secure at both ends.
4. Remove the holding brackets that hold the head and the carriage in place.
5. Inspect for any shipping damage and note in the Installation Report Tool.
6. Make sure that:
    a. The locking cam holds the head tightly in place.
    b. All cables, hoses and the cable carrier are connected to the head.

4.3 Adding Coolant and Air Filter

1. To access the cooling tank:
    a. Remove the panel from the fan box—push to release it.
    b. Remove the rear-side panel by loosening or removing the four screws through the keyhole slots in the panel
2. Use the funnel to add coolant to the upper level marked on the tank.

Note: You will have to add more coolant after the device is turned on because the coolant level will drop.

3. Install the intake air filter in the fan box.

4.4 UDRC Installation

The UDRC with external venting is standard on Trendsetter NX Narrow/Mid.

See the *UDRC Installation Procedure* (750-00091A).

4.5 Workstation Installation and Configuration

1. Assemble the workstation according to the vendor installation document provided with the workstation.
2. Check that the customer AC receptacle is wired correctly (see *Site Preparation Guide*).
3. If a UPS is available, plug the UPS into the AC main and connect the workstation to the UPS. Otherwise, plug the workstation power into the AC receptacle.
4. Plug in the blue customer dongle shipped with the workstation.
5. Connect the workstation to the network and phone line.
6. Connect the blue CAT 5E shielded cable between the Trendsetter NX and the Intel® PRO/100 MT Server Adapter.
7. Turn on the workstation.
8. Log in under the Administrator account.

9. The workstation is preconfigured with a static IP address 192.168.100.209 and subnet mask 255.255.255.128 for the GMCE connection.

   Consult with the customer's IT department about the IP addressing scheme used in their network to make sure there is no conflict.

   If there is a conflict, follow the instructions in the *Configuring the Adapter* section in the document *GMCE Intel Pro/1000 MT Server Adapter Installation, Configuration and Testing* (719-00735A) for an alternate IP address arrangement.

10. The workstation should be preinstalled with the controlled release (CR) for the imager connecting to it. If this is not the case, install the correct CR package.

11. Insert the Site Installer CD (shipped with the Trendsetter NX device) into the CD-ROM drive of the computer. If the CD does not start automatically, run **Setup.exe** from the CD drive. This utility copies the NVS parameters used in the factory to the device workstation.

12. Follow the prompts to complete the installation.

    You will be prompted to enter a secondary backup location—configure an accessible network location. The system will automatically backup the GMCE NVS parameters to this location to guard against accidental loss of the NVS parameters.

13. If the Customer Device License has not already been installed on the workstation, you must install it. To find the Customer Device License, search on http://master.creo.com/cflwebgenerator/. For more information, see the *CFL Setup Guide* on Techplanet.

14. Turn on the Trendsetter NX imager and verify that the device is communicating with the workstation.

5. FLEXCEL NX THERMAL IMAGING LAYER SETUP

See the *Flexcel™ NX 2.0 Thermal Imaging Layer Media Technical Note* and work with the Flexographic Printing Application Specialist (FPAS) to set up the media.

6. HEAD ALIGNMENT VERIFICATION AND SYSTEM TESTING

Refer to the *Thermal 2 Imaging Head Installation Procedure* (719-00585A) to verify the head alignment.

If there are problems, contact the Response Centre.

7. CLEANUP

1. Vacuum the inside of the device.
2. Replace all panels.
3. Clean the device exterior.
4. Clean the glass load ramp.
5. Install the Plate Alignment Labels on the glass load ramp.

6. Install the Media Notch Label on the upper right hand corner of the glass load ramp.
7. Remove all packing material.
8. Vacuum the surrounding area.

8. REMOTE SUPPORT SYSTEM SETUP

See the configuration information on the Remote Support System (RSS) TechPlanet site at http://techplanet.creo.com/software_solutions/networking_os/rss/nav/proced.htm.

9. INSTALLATION TEST PROCEDURE

1. Perform the ITP as described in the *Flexcel NX Digital Flexographic System Installation Test Procedure Checklist* (732-00163A).
2. Send the signed ITP checklist to Kodak for confirmation of device acceptance.

10. OPERATOR TRAINING

Before leaving the customer site, go over the *Trendsetter 400/800, AL, CL, & NEWS Operator Onsite Training Checklist* (73-00145A—see *Related Documents* on page 2) with the operators so that they are clear on how to use and maintain the Trendsetter NX imager.