Trendsetter 400/800/Trendsetter VLF

Installation Procedure

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Revision History

Revision	Date	Author	Comments
A	11/06/97	Sfroese	corrections & formatting of draft
B	09/29/98	Sfroese	Addition of 90psi air pressure for AL.
C	11/01/99	Sfroese	Addition of Heidelberg/Creo Logo to title page
D	02/11/99	Sfroese	Minor editorial corrections and support for TS4. Removal of HRX references for Trendsetter VLF
E	6/19/01	F. Caton	Add CreoScitex logo. Add universal power cord.
F	Nov 26/01	Sfroese/Fcaton	Changed TS3230/33244 to TS 400/800
G	02/28/03	Jwaterman	Add Creo logo, replace plate alignment label procedures with links to TechPlanet procedures
H	Nov 28/03	Doug Jeffery	Updated for CL and minor revisions
J	Jul 15/05	Cedric Galere	Updated for TS 400/800, AL, CL, and Spectrum, now shipping with thermal heads installed.

Trendsetter 400/800/Trendsetter VLF Installation Procedure

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1. ABOUT THIS MANUAL

This document is designed as a guide to assist a field engineer in a step by step manner. It is assumed that the person following this document has completed training on installations of the Creo Products' Trendsetter series of CTP devices.

2. PREPARING FOR INSTALLATION

2.1 Presite Inspection

One month before the installation the following should be done to insure a smooth and timely installation:

1. Print out a copy of the latest version of the following documents:
   - 707-00043A - *Trendsetter 400/800, Trendsetter AL, Trendsetter CL Site Preparations & Requirements,*

   OR
   - 73-3146A – *Trendsetter VLF Site Preparations & Requirements*
   - 77-0074A - *Thermal Head 1.7 Installation Procedure*[CG1]

   Obtain or print a copy of the appropriate *Print Console Quick Reference Guide.*
   Check the latest Controlled Release for the appropriate Print Console version See the Control/Settings page in TechPlanet for the product.

   Check for completion of the following site preparations:
   - Plant Air Supply
   - Dedicated phone line for CTP
   - Network connection
   - AC Power
   - Trendsetter Work Area Dimensions
   - Floor flatness
   - Environmental conditions

2.2 Site Preparation

2.2.1 Floor Plan

1. Work with the customer to establish the floor plan for the Trendsetter's permanent location. Use the information on footprint and working area dimensions in the *Site Preparations and Requirements* document.
2. Verify the following:
   - shipping crates not unpacked
   - system location within the room for electrical, telephone, network, and air lines
   - workstation location
   - service access clearance around the Trendsetter
   - plate storage area
   - processor location and clearances
   - size and type of plates/processor
   - room for plate stacker or plate puncher if desired

2.2.2 Path from Loading Dock to Permanent Location

The customer is responsible for rigging and placement of the system (Site Preparations and Requirements document). Spend some time with the company supervisor and riggers to explain how to properly move the Trendsetter. Assist the customer and make use of the riggers to remove the Trendsetter and Workstation from the shipping crates.

1. Make sure that an operator and forklift that meets the following criteria will be available to move the Trendsetter to its permanent location:
   - 3000 lb. forklift minimum: (3500 lb. min. for Trendsetter VLF)
   - fork width not to exceed 6 inches (15cm)
   - lateral fork movement capability if possible

   NOTE: For important specific information about forklift loading, refer to the *Site Preparations and Requirements* document.
2. Walk the path from the loading dock to the Trendsetter location.
3. Check that there is adequate clearance for moving the boxes and equipment.
4. Ensure that there are no obstructions in the way.
5. Check height and width of any doorways in the path for clearance
6. Inspect the general area of the permanent location for any potential problems.
7. Confirm that the location has power, water, plates and chemistry for the processor.

2.2.3 Site Preparation Checklist

1. Complete the Site Preparation Checklist.
2. Note details of any follow-up that is required before installation can occur.
3. Sign off the checklist if the site is ready for installation.
4. Forward the completed checklist to Creo Customer Service.

2.2.4 Gather Tools and Equipment

To ensure a successful, well-organized installation, you should have sufficient numbers of the proper tools for opening the cartons and positioning the equipment. The number of tools needed for these jobs will vary with the number of people involved in the setup of the system

Items Required for Installation:

- two or three ½" sockets for opening crates (for air shipments only)
- forklift (as specified above) and operator for removing the Trendsetter from its crate
- metric hex key set
- metric and imperial wrenches
- screwdrivers
- multimeter
- grounding wrist strap
- razor knife
- loctite
- spirit level for leveling machine
- Installation floor plan

- cleaning rags and solutions (99% Isopropyl alcohol, water, and liquid soap)
- head installation procedure (77-0074A)
- Creo jacks for lifting VLF TS (P/N 92-0084A)
- wood or metal blocks (VLF)
- Vacuum for final cleanup

Optional items:
- Pallet Jack

3. UNPACKING

Carefully open all crates and boxes. Check for any signs of damage throughout the unpacking process and record any problems immediately on the Installation Report form and report them to Creo.

3.1 Crate Inspection

1. Inspect all delivered crates and boxes
2. Check shockwatches on outside of crates. They should be white, not red.
3. Look for signs of damage from moisture, improper packing, tipping, dropping, stacking, etc. of crates, or any sign of mishandling.
4. Record any problems immediately on the Installation Report form and report them to both Creo Products and the Delivery Company.

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

3.2 Unpacking the Trendsetter

1. Carefully remove packaging and loose material from Trendsetter, or for crated shipments, open the shipping crate to allow access to the front and rear of the machine
2. Inspect the contents for damage and record any problems on the Installation Report.
3. Verify the contents of the crate according to the shipping label.
4. Remove any boxes from the crate.
   - For Trendsetter 800, this includes a carton containing the glass load ramp and miscellaneous parts.
   - For Trendsetter VLF, this includes the table wings, lifting bars and miscellaneous parts.
5. Remove the Trendsetter Engine rear panel(s) to gain access to the forklift rails
6. Remove or open the front panel. To lift the Trendsetter 800 or AL from the front, remove the gas struts from the front panel and carefully open the panel all the way

   WARNING:
   All Trendsetters must have the front and rear panels open or removed to prevent damage to the panels while being moved.
7. Have the forklift operator remove the Trendsetter from the crate and place it on the floor.
8. Replace or close the front and rear panels

9. Move the Trendsetter to its permanent location using the forklift or by pushing it on its casters.
10. Roughly position the machine according to the floor plan.

3.3 Unpacking the Workstation

1. Open the boxes or shipping crate.
2. Remove the workstation components.
3. Inspect the contents for damage and record any problems on the Installation Report.
4. Verify the contents of the crate according to the shipping label.
5. Move the workstation components to the permanent location using a dolly if available.
6. Unpack the workstation components.
7. Remove the packing material from the working area.

3.4 Unpacking the Imaging Head

This section applies only to Trendsetter VLF. Trendsetter 800 comes with the head preinstalled on the carriage

1. Move the thermal imaging head shipping container to the Trendsetter permanent location using a dolly if available.
2. **DO NOT** uncrate the head at this time.

4. ASSEMBLY

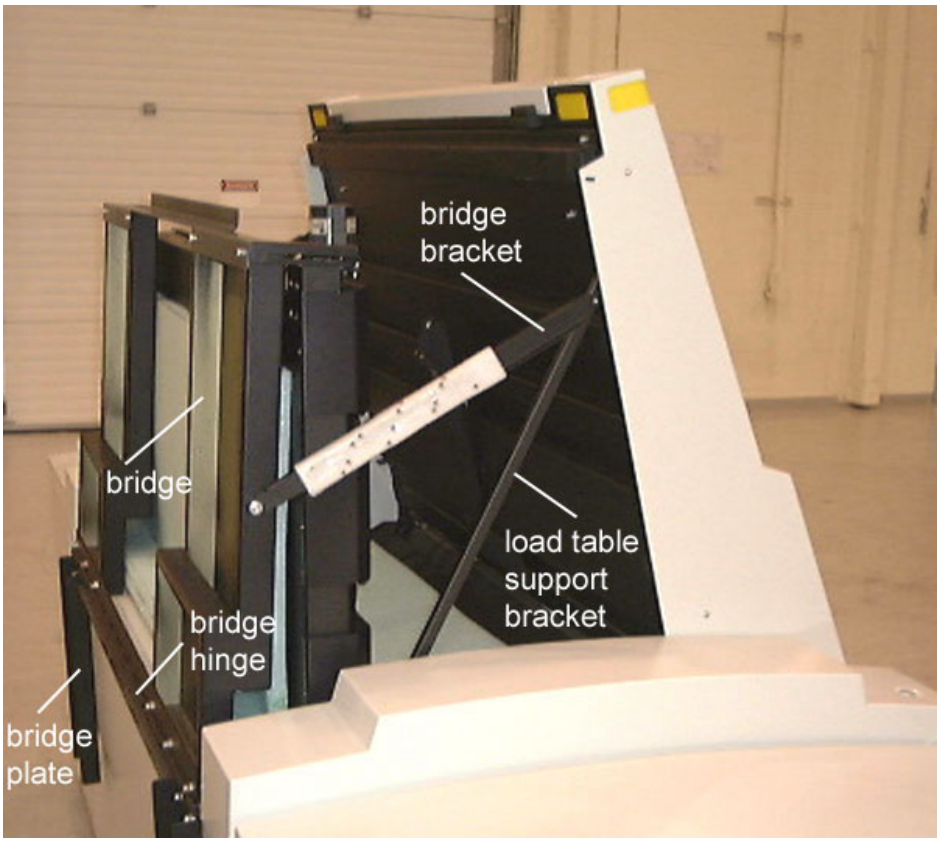
4.1 Initial Setup

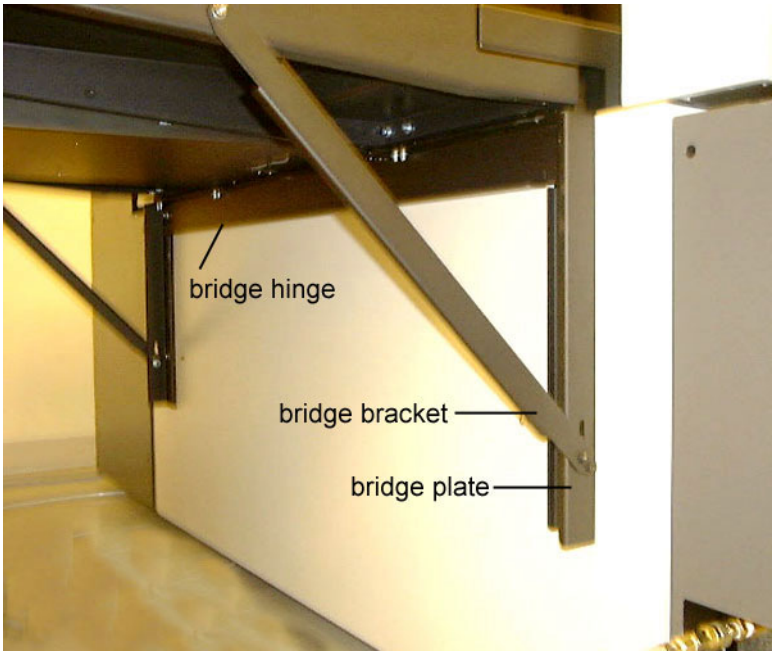
1. Position the Trendsetter in the location according to the floor plan.
2. Carefully remove any remaining external wrapping to minimize static discharge.
3. Inspect the machine for damage caused during shipping.
4. Note any damage on the Installation Service Report
5. Remove the panels from the machine to access the engine, fan box and power box
6. Remove all internal packing material.

   WARNING:
   The top of the VLF must be closed and the plate door secured in the open position before unpacking the table counterweight. Failure to do this will result in the table flying up and hitting the plate door.
7. Perform a thorough check of all mechanical components, electrical/electronic connections to ensure all connections and assemblies are secure
8. Open the electronics card cage and check that all circuit boards are properly seated.
9. For Trendsetter 800, install the glass load ramp.
10. For the Trendsetter AL and CL with rotating unload tables:

    - Remove the bridge brackets
    - Lower the bridge and table
    - Attach the bridge brackets to the bridge plate

- Level the bridge to the table





11. For Trendsetter VLF:
    - manually lift the table and install the table wings

- release the plate door

12. Remove the protective paper from the carriage rails and lead screw.
13. Have the rigger install an air fitting onto the Trendsetter and connect the shop airline.
14. Set the Trendsetter internal pressure regulator in the fan box to 80 psi (90 psi for Autoloader and ContinuousLoad).
15. Verify that the AC power at the customer-supplied receptacle is correctly wired (see Site Preparations and Requirements document) and on the same AC panel as the AC receptacle for the workstation.
16. Connect AC power to the Trendsetter. All machines come with a universal power cord configured with a North American connector. If the Trendsetter is installed outside of North America, replace the plug on the line cord with the correct one, which is included in the shipping kit of spare filters, manuals, and accessories.
17. Cut all securing zip straps. If unit is an Autoloader, be sure to cut the zip straps securing the picker closed. **Do not do this before air is applied**.
18. Level the Trendsetter.
19. For Trendsetter 400/800:

    - Adjust the height of the attached feet to level the Trendsetter.
    - Ensure the machine is elevated off of the casters.
    - Ensure that the frame has not twisted due to excessive height difference of the feet. This is generally indicated by the top panel not properly latching

20. For Trendsetter VLF, the casters must be removed and the engine leveled. Follow the procedure in *Appendix C*. Ensure that the fan and power boxes do not twist the frame.

4.2 Debris Removal Installation

See *Debris Removal Installation* document:

- 73-3639 UDRC-BP for Trendsetter 400/800
- 73-3720 UDRC-LC for Trendsetter 400/800
- 72-3428 UDRC-BP for Trendsetter VLF, 40W, V-head
- 72-33619 UDRC-BP for Trendsetter VLF, 20W, F-head

4.3 Workstation Installation

Refer to the specific workstation installation document on TechPlanet for the complete procedure. The following is only a guide.

1. Inspect all workstation components for shipping damage and note on the *Installation Service Report*
2. Assemble the workstation as per the vendor installation document provided with the workstation.
3. Check that the customer AC receptacle is wired correctly (see *Site Preparations & Requirements*) and on the same AC panel as the AC receptacle for the Trendsetter.

4. Plug the UPS into the AC main and connect the workstation to the UPS.
5. Connect the workstation to the network and phone line.
6. Power up the workstation.
7. Log in under the Administrator account.
8. Create a new directory E: \Service for Notepad text files for service performed on the Trendsetter.
9. Use this directory to log service calls, firmware upgrades, workstation upgrades and NVS backups.
10. On the workstation, set the present time for the local time zone.
11. Verify that the phone connection and modem work by dialing the modem number from another phone or by using RAS from a laptop and another line.
12. Power down the workstation.
13. Connect the serial cables from the workstation to the Computer Serial Interface and Diagnostics ports on the Trendsetter.
14. Connect the differential SCSI cable from the workstation to the Trendsetter.
15. Make sure all cables are secure at both ends.

4.4 Thermal Imaging Head

4.4.1 All Trendsetter 400/800, AL, CL, and Spectrum Output Devices

The Trendsetter 400/800, Autoloader, ContinuousLoad, and Spectrum output devices are now shipped from the factory with the thermal heads installed.

1. Make sure all cables are secure at both ends.
2. Remove the holding brackets that hold the head and the carriage in place.
3. Inspect for any shipping damage and note on the *Installation Service Report*.
4. Make sure that:
   - the locking cam holds the head tightly in place
   - all cables, hoses and the cable carrier are connected to the head
5. Fill up the coolant reservoir.

4.4.2 Trendsetter VLF Only

Install the thermal imaging head:

1. Carefully unpack the head from its shipping container.
2. Inspect for any shipping damage and note on the *Installation Service Report*.

   WARNING:
   Be sure to handle the head carefully at all times. Do not bump it.
3. Refer to the *Thermal Head 1.7 Installation Procedure* for instructions. (77-0074A).
4. Complete the head installation procedure to the end of "*Installing the head on the carriage*."
5. Make sure that:
   - the side latches hold the head tightly in place
   - all cables, hoses and the cable carrier are connected to the head
4. Fill up the coolant reservoir.

5. CONFIGURATION

5.1 Network

1. Power up the Trendsetter.
2. Power up the workstation.
3. Verify that the network is configured and the connection is working.

   If this has not been done, contact the applications specialist to configure the network.

5.2 Output Device

Configuration of the device includes setting the media type and head-dependent parameters according to the type(s) of plate the customer uses.

1. Refer to the technical note for the media used for complete instructions on configuring media. A maximum of 16 media types can be configured.

   A summary of the command sequence (where # = media number) is:

   `set media # name <“name”>` assign name to media - i.e.: “Kodak IR”

   `set media # mcode <0,1,2>` assign plate type to media

   `set media # inv <0,1>` invert

   `set hdm # name <“name”>` assign name to hdm parameters - i.e. “Kodak IR”

   `set hdm # ds <“speed”>` drum speed in RPM

   `set hdm # wpower <“power”>` laser power in watts

   For MPE devices:

   `NVS save media #` saves media parameters

   `NVS save hdm` saves hdm parameters

   Backup changed NVS parameters (prm) and save the file to **E:\Service.**

5.3 Print Console Workstation

Refer to the *Print Console Quick Start Guid*e for detailed instructions on how to configure the workstation.

5.3.1 Remote Workstation Setup

1. Confirm that the services RCTP.SVC and RCMD.SVC are installed on the Workstation, as follows.

   Check Start Menu>Settings>Control Panel>Services:
   - status of “Remote CTP Service” and “Remote CMD Service” should be **Started**
   - Startup should be set to **Auto**.
2. If the services are not installed, call Creo Response Center to report the modem phone line number, and room phone line number.

3. Have the Response Center dial up the workstation to ensure the remote services are functioning properly.
4. Ensure Service host is installed and running by checking the green icon in the taskbar.
   If it is not present or not running, create and/or start the service as in Step 1 above.
5. Start Service Shell Client.

6. HEAD ALIGNMENT AND SYSTEM TESTING

Refer to the *Thermal Head 1.7 Installation Procedure* (77-0074).

If there are problems, contact your team leader, local specialist, PSM, or Product Specialist to help resolve the problems.

7. CLEANUP

1. Vacuum inside of device.
2. Replace all panels.
3. Clean exterior of machine.
4. For Trendsetter 400/800, clean the glass load ramp.
5. For Trendsetter VLF, clean the load table.
6. Install the Plate Alignment Labels on the glass load ramp or load table. Refer to the procedures on TechPlanet:

Trendsetter 400/800
http://techplanet.creo.com/output/computer_to_plate/trendsetter_3244/nav/install.htm

Trendsetter VLF
http://techplanet.creo.com/output/computer_to_plate/vlf_trendsetter/nav/install.htm

7. Remove all packing material.
8. Vacuum surrounding area.

8. INSTALLATION TEST PROCEDURE

1. Complete a formal ITP with the customer by following document:
   - 73-2068B - *Installation Acceptance Test Procedure for Creo Trendsetters /400/800/AL*
   - 73-3175A - *Installation Acceptance Test Procedure for Creo Trendsetter VLF 4557, 5067, 5467, 5080, 5880*
2. Send the signed ITP form to Creo for confirmation of machine acceptance.
3. Send sample calibration plates back to Creo for history file.

9. OPERATOR TRAINING

1. Ensure that the operator(s) are clear on how to use and maintain the Trendsetter including:
   - powering up the Trendsetter and workstation
   - removing and replacing panels

- location of abort switch and air shutoff valve
- changing plate types, page setup information, spool folder locations
- generating PPD files
- selecting plate size manually
- loading, removing plates
- aborting files during imaging
- responding to a suspend condition
- regular maintenance procedures
- changing filters
- cleaning edge detect strip, drum roller
- troubleshooting procedures

2. Before leaving the customer site, complete the *Operator Training Checklist* in Appendix A or B.

APPENDIX A - OPERATOR TRAINING CHECKLIST

After system installation and before leaving the customer site, ensure that the operators have been thoroughly trained and can successfully demonstrate or describe the following procedures to Creo personnel.

Fill in this checklist and submit to Creo for customer history file when completed.

Before you begin:

- ATP or TIFF Test files should be on the workstation
- three files should be available for imaging purposes.

1. Start with the device powered down and the workstation software not running.

Have operator:

- ☐ Indicate where the system power switch is located and power up the Trendsetter.
- ☐ Start the workstation software.
- ☐ Explain why Trendsetter won't accept jobs for 3 minutes after powering up. (Laser initializing).
- ☐ Demonstrate how to properly open and remove door panels.
- ☐ Show the location of the air cutoff valve and abort switch
- ☐ Show how to add and edit plate types.
- ☐ Demonstrate how to generate a PPD file.
- ☐ Set workstation for manual plate selection.
- ☐ Set proper page setup information.
- ☐ Demonstrate how to change spool folder locations.
- ☐ Submit and queue 2 Creo test files locally from workstation.
- ☐ Load first plate into Trendsetter.
- ☐ Remove plate from Trendsetter after imaging plate 1.
- ☐ Abort second file during imaging by right-clicking on the job in Print Console and selecting "cancel".

2. For this section, temporarily mask the plate sensor, `>>scan ps flyoff bon` (MCE) or >>set al tps 0 (VLF MPE). Set up a plate size in Print Console that is slightly larger around the drum than the plates you are testing. Submit a job for this plate size and load the smaller plate into the machine. This will create a plate flyoff. Ensure the operator:
   - ☐ Does not power down device or software as a means of error recovery.
   - ☐ Correctly responds to workstation error dialogue boxes.
   - ☐ Properly and safely removes plate from drum.
   - ☐ Properly parks TE clamps.
   - ☐ Continues to properly respond to and clear error recovery dialogue boxes.

   Clear the bypass in MCE (`>>scan ps flyoff boff`) before proceeding. If necessary, clear the flyoff (>>flyoff clear).

   1. With the device on and the workstation software running, have operator:
   - ☐ Install PPD on front end computer and submit file to TS.

2. For maintenance purposes:

☐ Customer has 2 copies of the Trendsetter Operator Manual.

Have operator:

☐ Demonstrate how to change both the high pressure and fan filters and explain the importance of effective maintenance and replacement procedures.

☐ Show how to clean edge detect strip, and drum roller and explain what can be used to clean each one.

3. For troubleshooting:

Have operator:

☐ Describe the process to follow when a problem occurs.

Customer name: _____

Device S/N: _____

Operator names: _____

_____

_____

_____

_____

_____

Creo Rep: _____

Customer Rep: _____

Date: _____

APPENDIX B – TRENDSETTER CL OPERATOR CHECKLIST

After system installation and before leaving the customer site, please ensure that the operators have been thoroughly trained and can successfully demonstrate or describe the following procedures to Creo personnel.

Start with device powered down and workstation software not running.

Have operator:

- ☐ Demonstrate how to properly open and remove door panels, including how to unlock the front door from Print Console.
- ☐ Show the location of the air cutoff valve and abort switch(es).
- ☐ Demonstrate how to change both the high pressure and fan filters, and explain the importance of effective maintenance and replacement procedures.
- ☐ Show how to clean edge detect strip and drum roller, and explain what can be used to clean each one.
- ☐ Indicate where the system power switch is located and power up the Trendsetter.
- ☐ Start the Print Console software.
- ☐ Demonstrate how to access, open, and search the electronic help documentation.
- ☐ Explain why Trendsetter won't accept jobs for 3 minutes after powering up. (Laser initializing).
- ☐ Show how to add and edit plate sizes.
- ☐ Demonstrate how to generate a PPD file.
- ☐ Set workstation for manual plate selection.
- ☐ Set proper page setup information.
- ☐ Demonstrate how to change hot folder locations.
- ☐ Queue 3 Creo .TIFF files locally from workstation. These files are available to download from TechPlanet at http://techplanet.creo.com/common/test_files/test_files.htm. Choose a test file size that is smaller than the plates being used by the customer.
- ☐ Approve the first queued TIFF file in Print Console and follow the instructions to load a plate.
- ☐ Abort second file during imaging by clicking on the cancel button at the top of the screen on the status page.
- ☐ Select the manual bypass function from Print Console and approve the last TIFF file.
- ☐ Have the customer load the plate using manual bypass and ensure that they do so correctly.

Simulate a plate flyoff while imaging third image and ensure operator:

- ☐ Does not power down device or software as a means of error recovery.

- ☐ Correctly responds to workstation error dialogue boxes.
- ☐ Engages abort switch before clearing plate.
- ☐ Properly and safely removes plate from drum.
- ☐ Properly parks TE clamps against nylon stop.
- ☐ Properly releases abort switch.
- ☐ Continues to properly respond to and clear error recovery dialogue boxes.

Ensure operator is able to:

- ☐ Install PPD on front end computer and submit file to TS.

- ☐ Make sure that customer has 2 copies of the Trendsetter operator manual.
- ☐ Designate customer maintenance person or electrician as qualified to access power box to check and replace fuses.

Customer name: _____

Device S/N: _____

Operator names: _____

_____

_____

_____

_____

_____

Creo Representative: _____

Customer Rep: _____

Date: _____

APPENDIX C - RELATED CREO DOCUMENTATION

Document:	Creo part number:
Creo Trendsetter 400/800 Site Preparations and Requirements	707-00043A
Creo Trendsetter VLF Site Preparations and Requirements	73-3146A
Trendsetter 400/800 Service Information	TechPlanet
Trendsetter VLF Service Information	TechPlanet
Thermal Exposure Head Installation Procedure	77-0074A
Workstation Installation Procedures	TechPlanet
Debris Removal Installation documents:	
• UDRC-BP for Trendsetter 400/800	73-3639
• UDRC-LC for Trendsetter 400/800	73-3720
• UDRC-BP for Trendsetter VLF, 40W, V-head	72-3428
• UDRC-BP for Trendsetter VLF, 20W, F-head	72-3619
Installation Acceptance Test Procedure for Creo Trendsetters 400/800	73-2068B
Installation Acceptance Test Procedure for Creo Trendsetter VLFs 4557, 5067, 5467, 5080, 5880	73-3175A
Trendsetter 400/800 Operator Manual	653-00119
Trendsetter VLF Operator Manual	03-4054B
Print Console Quick Start Guide	
• Version 2.1	03-4220C
• Version 3.1	03-4321A
Thermal CTP Configuring New Media Procedure	TechPlanet
SERVICE.EXE Managing Services Over Networks	99-0029A
SC.EXE Managing Services Over Networks	99-0030A
Service Utility User's Guide	99-0031A
RCMD.EXE Executing Commands on a Remote Workstation	99-0032A
Remote CTP Utility User's Guide	99-0033A

APPENDIX D - TRENDSETTER VLF INSTALLATION CASTER REMOVAL

NOTE: Check TechPlanet for the latest version of this procedure.

1. Introduction

This document describes the procedure to lower the Trendsetter VLF off the installation casters onto the feet.

Note: The Trendsetter must not be left on the casters after installation.

2. Required parts and tools

56-3266	Lifting Bars – shipped with each Trendsetter
92-0084	Lifting Jacks – stored at regional office in two crates
	Wood or metal blocks
	Digital Level – stored at regional office

3. Procedure

1. Once the Trendsetter is in place with all the required clearances (refer to Site Preparations document 73-3146A) remove the front center and both rear panels.
2. Raise the thermal blower hose tray to its highest position by loosening the M4 screws and sliding the hose tray up.
3. Place the lifting bars through the square holes in the engine casting.
4. Slide the lifting jacks into the tube ends, making sure that the jack tubes slide all the way into the lifting bars.
5. Carefully raise the jacks until the bars are bearing against the top of the engine casting holes at all 4 points.
6. Continue to raise the jacks, making sure to maintain uniform height at all 4 points by alternating between the 4 jacks while cranking.

   WARNING:
   Do not let any of the lifting points get significantly higher or lower than other points, as this could twist the frame or cause instability in the Trendsetter and jacks.
7. Stop lifting when the casters are off the ground and there is room to remove the caster screws.
8. Place wood or metal blocks under the Trendsetter to ensure your safety when placing your hands under the machine.
9. Remove the 4 screws holding each caster to the Trendsetter frame and remove the casters. Save the casters at the site in case they have to be re-installed to move the machine.

10. If the floor flatness conforms to the site preparations document (+/- 0.5”), the 3 feet in the center of the Trendsetter frame will not cause any frame distortions. These 3 pucks are not height adjustable, however, the 2 pucks under the power and fan boxes can be adjusted. Screw these 2 pucks all the way in so they are at their top adjustment position.
11. Lower the Trendsetter to the floor and make sure that the power and fan box pucks are not resting on the ground. If they aren’t, screw them down until they are just touching the ground. Do not lower them further or the frame will twist.
12. If the power and fan box pucks are touching the ground at their highest position, raise the trendsetter and shim the 3 frame pucks as necessary so the power/fan box pucks are clearing the ground at their highest position. Lower the trendsetter and adjust the power and fan box pucks as above.
13. Use a spirit or digital level to check the frame, power box, and fan box for twisting. If twisting is evident, adjust the power and fan box pucks and/or shim the frame pucks further.
14. Remove the jacks and ship them back to your regional office. Store the lifting bars onsite for future use.
15. Lower the hose tray to its lowest position and replace the panels.
16. Check the operation and alignment of the load table and align if necessary.

[CG1]Believe this can be left, since the document covered things like zeroing the head and so on, which will need to be checked anyhow.