Release Notes

English

Kodak Lotem 800 II Family

Lotem Controller 3.82.12

739-00262A-EN Rev A

graphics.kodak.com

Kodak

Copyright



© 2006 Kodak. All rights reserved.

Creo and Lotem are trademarks of Kodak.

Adobe, Acrobat, Adobe Illustrator, Distiller, Photoshop, PostScript, and PageMaker are trademarks of Adobe Systems Incorporated.

Apple, iMac, Power Macintosh, Mac OS, AppleShare, AppleTalk, TrueType, ImageWriter, and LaserWriter are registered trademarks of Apple Computer, Inc. Macintosh is a trademark of Apple Computer, Inc., registered in the U.S.A. and other countries.

PANTONE, Hexachrome, PANTONE Hexachrome, and PANTONE MATCHING SYSTEM are the property of Pantone, Inc.

PEARL, PEARLsetter, PEARLhdp, PEARLdry, and PEARLgold are registered trademarks of Presstek, Inc.

XEROX® is a trademark of XEROX CORPORATION.

http://graphics.kodak.com/

Internal 739-00262A-EN Rev A

Revised August 2006

Copyright

Copyright © 2005 Creo Inc. All rights reserved.

No copying, distribution, publication, modification, or incorporation of this document, in whole or part, is permitted without the express written permission of Creo. In the event of any permitted copying, distribution, publication, modification, or incorporation of this document, no changes in or deletion of author attribution, trademark legend, or copyright notice shall be made.

No part of this document may be reproduced, stored in a retrieval system, published, used for commercial exploitation, or transmitted, in any form by any means, electronic, mechanical, photocopying, recording, or otherwise, without the express written permission of Creo Inc.

This document is also distributed in Adobe Systems Incorporated's PDF (Portable Document Format). You may reproduce the document from the PDF file for internal use. Copies produced from the PDF file must be reproduced in whole.

Trademarks

The Creo wordmark, Creo logo, and the names of the Creo products and services referred to in this document are trademarks of Creo Inc.

Adobe, Acrobat, Adobe Illustrator, Distiller, Photoshop, PostScript, and PageMaker are trademarks of Adobe Systems Incorporated.

Apple, iMac, Power Macintosh, AppleShare, AppleTalk, TrueType, ImageWriter, and LaserWriter are registered trademarks of Apple Computer, Inc. Macintosh is a trademark of Apple Computer, Inc., registered in the U.S.A. and other countries.

PANTONE, Hexachrome, PANTONE Hexachrome, and PANTONE MATCHING SYSTEM are the property of Pantone, Inc.

PEARL, PEARLsetter, PEARLhdp, PEARLdry, and PEARLgold are registered trademarks of Presstek, Inc.

XEROX® is a trademark of XEROX CORPORATION.

Other brand or product names are the trademarks or registered trademarks of their respective owners.

FCC Compliance

Any Creo equipment referred to in this document complies with the requirements in Part 15 of FCC Rules for a Class A computing device. Operation of the Creo equipment in a residential area may cause unacceptable interference to radio and TV reception, requiring the operator to take whatever steps are necessary to correct the interference.

Equipment Recycling

In the European Union, this symbol indicates that when the last user wishes to discard this product, it must be sent to appropriate facilities for recovery and recycling.



Contact your local Kodak representative or refer to www.kodak.com/go/recycle/ for additional information on the collection and recovery programs available for this product.

Limitation of Liability

The product, software or services are being provided on an “as is” and “as available” basis. Except as may be stated specifically in your contract, Creo Inc. expressly disclaims all warranties of any kind, whether express or implied, including, but not limited to, any implied warranties of merchantability, fitness for a particular purpose and non-infringement.

You understand and agree that Creo Inc. shall not be liable for any direct, indirect, incidental, special, consequential or exemplary damages, including but not limited to, damages for loss of profits, goodwill, use, data or other intangible losses (even if Creo has been advised of the possibility of such damages), resulting from: (i) the use or the inability to use the product or software; (ii) the cost of procurement of substitute goods and services resulting from any products, goods, data, software, information or services purchased; (iii) unauthorized access to or alteration of your products, software or data; (iv) statements or conduct of any third party; (v) any other matter relating to the product, software, or services.

The text and drawings herein are for illustration and reference only. The specifications on which they are based are subject to change. Creo Inc. may, at any time and without notice, make changes to this document. Creo Inc., for itself and on behalf of its subsidiaries, assumes no liability for technical or editorial errors or omissions made herein, and shall not be liable for incidental, consequential, indirect, or special damages, including, without limitation, loss of use, loss or alteration of data, delays, or lost profits or savings arising from the use of this document.

Patents

This product is covered by one or more of the following U.S. patents:

RE37,376	5,412,737	5,699,174	6,014,471	6,189,452	6,396,422	6,579,660
D478,608	5,420,702	5,699,740	6,016,752	6,191,882	6,407,849	6,587,211
4,558,302	5,420,722	5,708,736	6,043,865	6,204,874	6,409,331	6,589,710
4,743,091	5,459,505	5,713,287	6,060,208	6,205,364	6,414,755	6,590,635
4,992,864	5,473,733	5,742,743	6,063,528	6,208,369	6,422,801	6,593,064
5,049,901	5,481,379	5,764,374	6,063,546	6,214,276	6,425,565	6,601,888
5,113,249	5,488,906	5,771,794	6,072,518	6,217,965	6,430,136	6,605,407
5,132,723	5,508,828	5,785,309	6,090,529	6,252,241	6,435,091	6,609,459
5,155,782	5,509,561	5,802,034	6,093,447	6,252,522	6,441,914	6,611,363
5,157,516	5,517,359	5,813,346	6,096,461	6,255,033	6,443,571	6,618,187
5,177,724	5,519,852	5,818,498	6,098,544	6,260,482	6,450,092	6,628,435
5,208,818	5,576,754	5,854,883	6,107,011	6,266,080	6,456,396	6,632,584
5,208,888	5,579,115	5,861,904	6,112,663	6,266,134	6,471,335	6,637,329
5,247,174	5,583,551	5,861,992	6,115,056	6,267,054	6,476,342	6,637,860
5,249,067	5,592,309	5,875,288	6,116,160	6,268,948	6,476,931	6,640,713
5,283,140	5,594,556	5,894,342	6,121,996	6,270,204	6,477,955	6,641,772
5,291,273	5,600,448	5,900,981	6,130,702	6,283,589	6,493,064	6,641,978
5,305,091	5,608,822	5,934,196	6,134,393	6,295,076	6,494,965	6,646,669
5,323,248	5,615,282	5,946,426	6,136,509	6,299,572	6,503,691	6,648,468
5,325,217	5,625,397	5,947,028	6,137,580	6,318,266	6,509,903	6,652,088
5,339,176	5,625,766	5,958,647	6,147,789	6,328,408	6,511,163	6,654,147
5,343,059	5,636,330	5,966,504	6,158,345	6,336,708	6,520,084	6,660,997
5,355,446	5,649,220	5,969,872	6,159,659	6,340,817	6,530,317	6,661,561
5,359,451	5,650,076	5,973,801	6,164,637	6,352,816	6,541,181	6,665,048
5,359,458	5,652,804	5,986,819	6,165,658	6,353,216	6,544,336	6,665,121
5,367,360	5,680,129	5,995,475	6,180,325	6,366,339	6,545,772	6,670,986
5,384,648	5,691,823	5,996,499	6,181,362	6,371,026	6,550,388	6,684,783
5,384,899	5,691,828	5,998,067	6,181,439	6,377,739	6,564,018	6,704,123
5,412,491	5,696,393	6,003,442	6,186,068	6,387,597	6,567,713	

Creo Inc.
3700 Gilmore Way
Burnaby, B.C., Canada
V5G 4M1
Tel: +1.604.451.2700
Fax: +1.604.437.9891

http://www.creo.com/
Internal 739-00262A-EN Rev A

October 2006

Contents

Introduction 1

Problems Fixed 1

New Features 2

- UDRC Detector Support 2
- GTO Arm Activation 2
- Increased Pre-Exposure Timeout 3
- Increased Exposure Timeout 3
- Unload Script 4
- Distribution Board Automatic Baud Rate Identification 4
- Thermal Head 4
- Decreased WinZip File Sizes 4
- Increased V-Speed 4

Known Problems 5

- Software Installation 5
- Lock File Detected 5
- Multi-cassette Script 6
- Low Pressure Level 6
- File Collector Icon 6
- Lotem Controller Freezes 6
- Mainscan and Subscan Plate Sizes are Incorrect 6

Prerequisites 7

Preinstallation 7

Installing Software Version 3.82.12 8

Appendix A: Firmware for Version 3.82.12 14

Appendix B: Update Max Drum Speed for High Throughput 15

Appendix C: Remote Support 16

- Network connection 16
- Creo Service Port and Service Wire 16
- Remote Control 16
- Remote Diagnostics 17
- Drive Sharing & Mapping 17

Appendix D: Configuring the UDRC 18

Appendix E: Identifying a Platesetter's Serial Number 22

Appendix F: Files Collector Utility 23

Introduction

We are pleased to release the latest revision of *Kodak Lotem* 800 II family software. These release notes highlight the changes and improvements made to software version 3.82.12. This version supports all *Kodak Lotem* 800 II, *Kodak Lotem* 800 Quantum and *Kodak Lotem* Spectrum platesetters with multi/dual/single cassettes and can be installed over *Kodak Lotem* Controller software version 3.51.02 and higher.

Problems Fixed

This section lists problems that were resolved in the current release of the *Lotem* 800 II family software.

- The default parameter of the multi-cassette unit (MCU) main air valve has been amended to 4294967295. This extended value prevents the valve from timing out.
- Occasionally, the elevator did not reach its specified height. This problem has been alleviated by improving the communication between the local board and the computer
- The Backup and Restore Utility now restores from diskettes, and in addition, field change orders (FCOs) can now be saved.
- The paper warning light solenoid enable status is now only available when the associated FCO has been implemented.
- The unloading script solves the problems of the drum continuing to rotate after the unload motor has stopped, and of plates exiting halfway from the platesetter.
- The inactive MCU tunnel cover detector has been disabled.
- The platesetter is now capable of loading small plates with the following dimensions:
  - Around the drum circumference: 360 mm (14.1 in.)
  - Along drum axis: 447 mm (17.5 in.)
- The problem with the UDRC POC detector has now been resolved.

New Features

This section lists new features added to this software release.

UDRC Detector Support

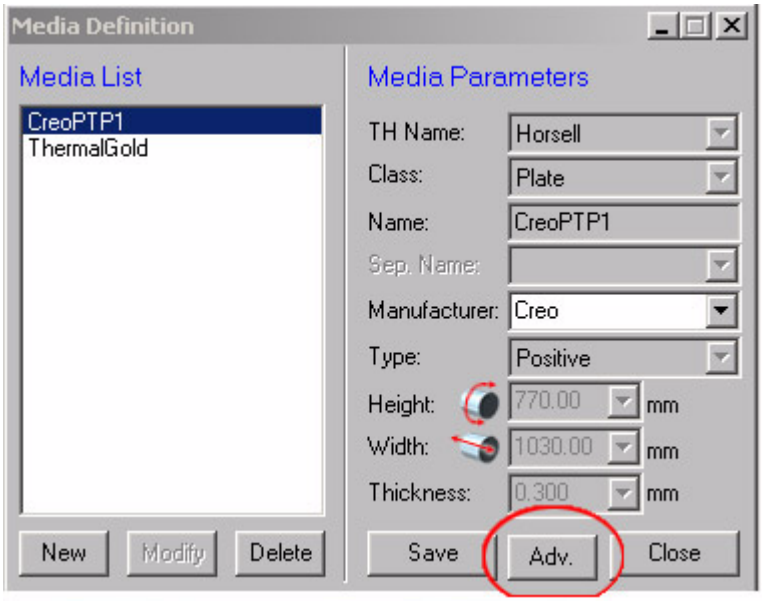
- The UDRC is now controlled and activated via the TMCE.
- The status of the UDRC filter is now displayed in Lotem Controller.
- When the UDRC particulate filter is almost full, Lotem Controller generates the following warning message:
  `The particulate filter is almost full. Please ensure a replacement filter is on hand.`

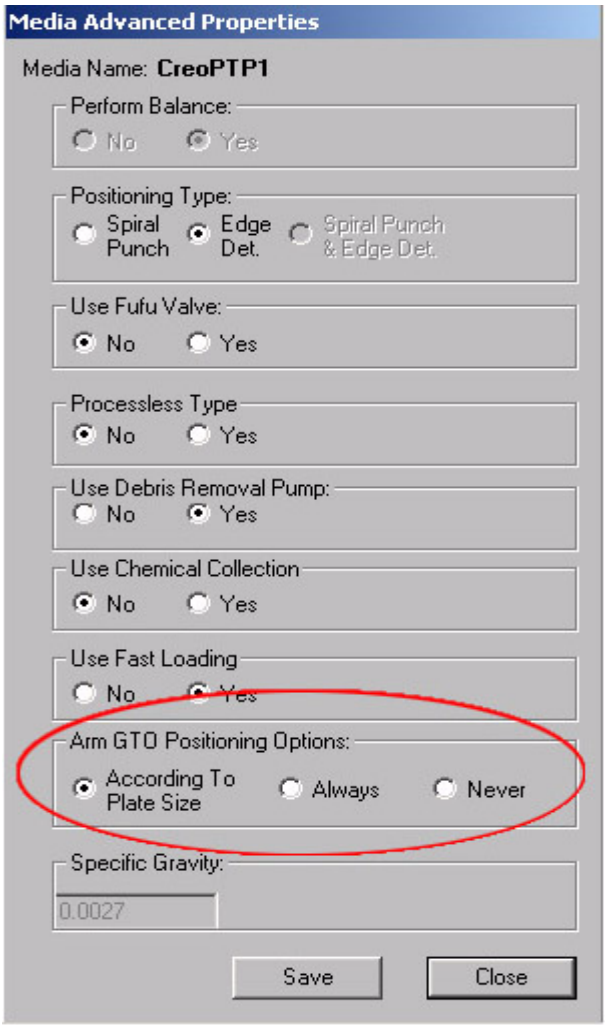
GTO Arm Activation

The GTO arm is now media independent. This increases the operator's flexibility for defining when the GTO arm should be activated.

The media database parameters now include the following three GTO arm activation options:

- According to plate size (default)
- Always
- Never





Increased Pre-Exposure Timeout

The pre-exposure timeout length has been increased to accommodate large files that need longer workstation render times.

Increased Exposure Timeout

The timeout length for the following exposing processes has been increased:

- Expose Time Out has been increased to 1200 seconds
- General Req Time Out has been increased to 120 seconds
- Host Server Receive Message Time Out has been increased to 6000 seconds
- Post Exposure Time Out has been increased to 300 seconds
- Prepare Exposure Time Out has been increased to 1200 seconds

Unload Script

The unload script has the following new features:

- Monitors the movement of the unloading motor
- Unload motor only stops after a plate has reached the unload rollers
- Movement of the unloading motor is now displayed in the Unloading Motor dialog box
- Script now verifies if the unloading rollers begin to rotate before the unloading process has commenced. This feature enables enhanced synchronization between the drum motor and the unloading tray motor.
- The synchronization between the unload motor and the drum can be disabled Projects\LOTEM800V\IO OBJECTS\Loading System\Unload Plate~ Synchronize between Unload and Drum Motors[NO=0 ,YES=1]

Distribution Board Automatic Baud Rate Identification

The baud rate is now automatically identified. This feature improves the communication between the computer and the distribution card.

Thermal Head

Xilinx now solves data channel not detected issues (1.05D).

Decreased WinZip File Sizes

The size of the *WinZip* files has been decreased to prevent any software freezes.

Increased V-Speed

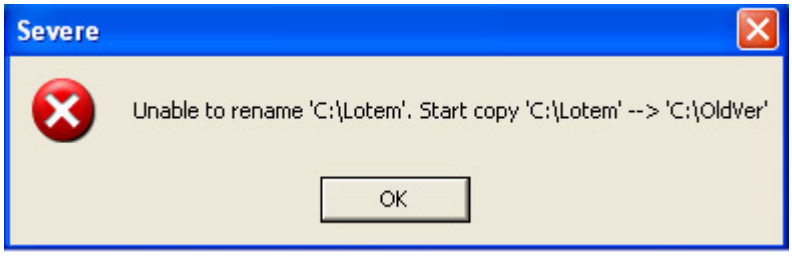
The V-speed has been increased from 29 plates per hour (pph) to 31 pph.

Known Problems

This section lists known problems in the Lotem 800 II software. The problems may be outstanding issues from a previous release or new problems. When a problem is resolved, the solution appears in next version of the release notes, under the "Problems Fixed" section.

Software Installation

- When installing the software, the wizard may generate the following error message:

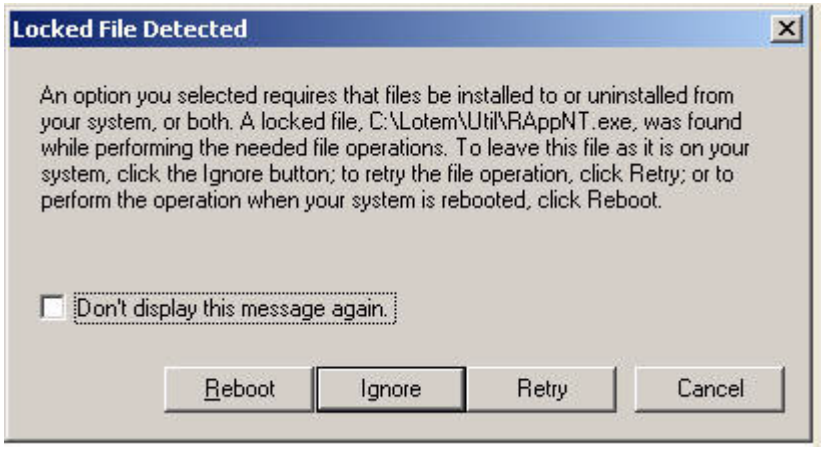


  Click **OK** to continue loading the software.

- When trying to delete a previous version of the software and associated icons, the following error message is generated, `Cannot delete, application used by other application`.
  Restart the Lotem computer to resolve this problem.

Lock File Detected

When installing the software, the Lock File Detected dialog box may appear. Click **Ignore** to continue loading the software.



Multi-cassette Script

The multi-cassette script **Ask Before Do** option does not work.

Low Pressure Level

An error message does not appear when the air pressure falls below a specific level.

File Collector Icon

When the software is installed, the **File Collector** shortcut icon does not appear on the desktop.
To create the shortcut icon:

- Locate the **File Collector.exe** file (**C:\Lotem\Utils**).
- Right-mouse click on the file and select **Send To/Desktop (create shortcut)**.

Lotem Controller Freezes

Lotem Controller intermittently freezes. To prevent this problem increase the virtual memory, as described in the TechPlanet procedure:
http://techplanet.creo.com/output/computer_to_plate/lotem800_th/content/Procedures/l8q_p_changevirtualmemory.htm

Mainscan and Subscan Plate Sizes are Incorrect

When exposing a plate for the first time, all the mainscan and subscan plate sizes are set to 0. To resolve this problem, restore the last saved NVS parameters:
Example:
Maximum plate size in mainscan: 1030 mm [Optional]
Minimum plate size in mainscan: 318 mm [Optional]
Maximum plate size in subscan: 1150 mm [Optional]
Minimum plate size in subscan: 225 mm [Optional]

Type the following command to change the plate size:

```
Quantum >>feature
Quantum >> feature creo (number) (value)
```

Example I: feature creo 1 1031

Example II: feature creo 2 319

Prerequisites

Lotem Controller software version 3.80.16

Preinstallation

This section describes the actions that need to be performed before installing Lotem Controller software version 3.82.12.

Important: The pre-installation procedures **MUST BE** performed prior to any hardware or software upgrades.

1. Expose reference plates and put them to one side.

Note: The reference plates are used for verifying the customer's *cross marks*, *margins*, *shifts,* and *image quality* - prior to the software installation and comparing them with the cross marks, margins, shift and image quality, after the installation.

- Expose a reference plate for each plate size that the customer uses.
- Only expose reference plates from the customer's file.
- If customers use a GTO device, expose additional GTO reference plates—as the geometric change (GC) parameters are different for GTO devices.

2. Backup and/or write down the following information:

Note: If available, use the Backup and Restore Utility.

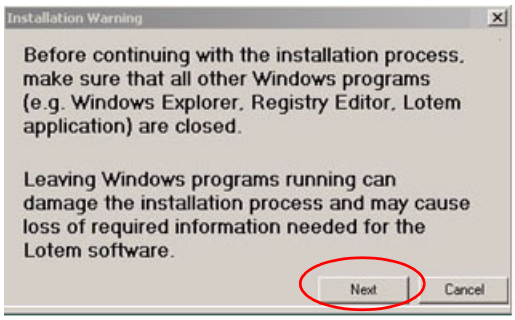
- Platesetter's registry
- NVS parameters
- Database
- GC parameter (set gc)
- Trackprofile (set gc trackprofile)
- Sshift and Sshiftsmall (Sshiftsmall is only applicable for *Microsoft Windows* 2000 firmware)
- Machine configuration, including:
  - X-Y vacuum pump/X-Y vacuum generator
  - Old mainframe/new mainframe
  - Head resolution - 2540/2400
  - Head type P22/P33
  - TCP/IP address

3. Locate the following registry folders/parameters and write down their values:
   a. **HKey_Local_Machine/Software/MCkey**
   Write down the values for the following:
   MCValue = Plates
   DCValue = Donors (only applicable to the Lotem Quantum Spectrum)
   b. **Loading System/Load plate/From cassette to punch entry stage** folder, and write down the **X Rel Backward For 03 (mm)** parameter value. If applicable, write down the parameter values for **0.15**, **0.2**, and **0.4**.
   c. For MCU configuration: Write down the current cassette number in the Lotem.
   d. If the plate separation FCO is not installed,
   locate the **Loading system\ load plate\from cassette to punch entry stage** folder, and write down the following parameters:
      - Y plate high up in cassette (Rel)(mm)
      - Y plate high up in cassette (Rel) speed
      - Y plate rel up in cassette (mm)
      - Number of plate backward separations
      - X Plate rel backward in cassette (mm)
4. If required, open the right side door of the platesetter.
5. Quit Lotem Controller and the Service Shell client.

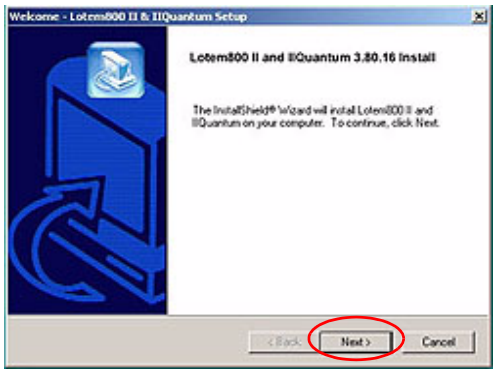
Installing Software Version 3.82.12

This section describes how to install Lotem Controller software version 3.82.12

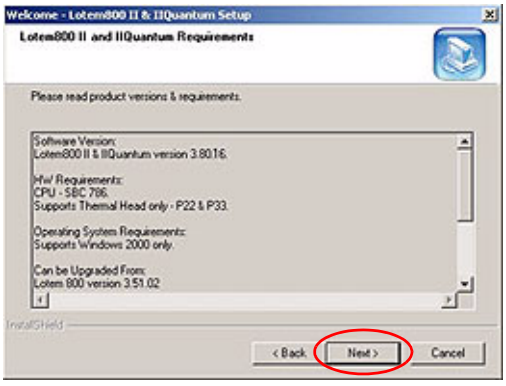
1. Quit Lotem Controller.
2. Insert the **Lotem 800II SW CD #1** into the CD-ROM drive.
3. Install the Creo Feature Licensing Server.
   http://techplanetpre.creo.com/output/computer_to_plate/lotem800_th/content/Procedures/L8TH_proc_Installfeaturelicence.htm
4. In **CD #1**, locate the two Service Shell installer files (**ServiceShell-Client-CTP.exe, ServiceShell-Host-CTP.exe**), and install Service Shell 2.6 SP2, as described in the Service Shell 2.6 Installation and Upgrade Guide.
   http://techplanet.creo.com/output/service_tools/service_shell/content/docs/SeSh_2-6/Service_Shell2-6_inst.pdf
5. Upon completion of the installation, insert **Lotem 800 II SW CD #2**.
6. The Installation Warning dialog box appears.



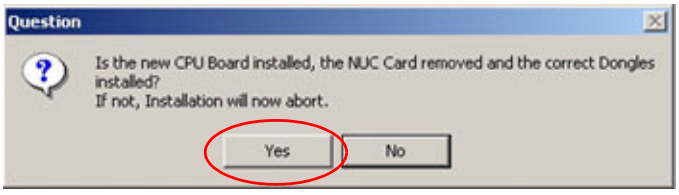
- Make sure all Windows programs are closed.
- Click **Next**. The Welcome - Lotem800 II & IIQuantum Setup dialog box appears.



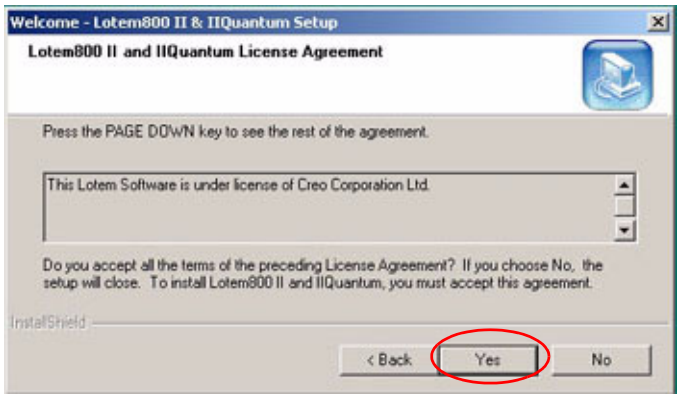
- Click **Next**. The Lotem800II and IIQuantum Requirements dialog box appears:



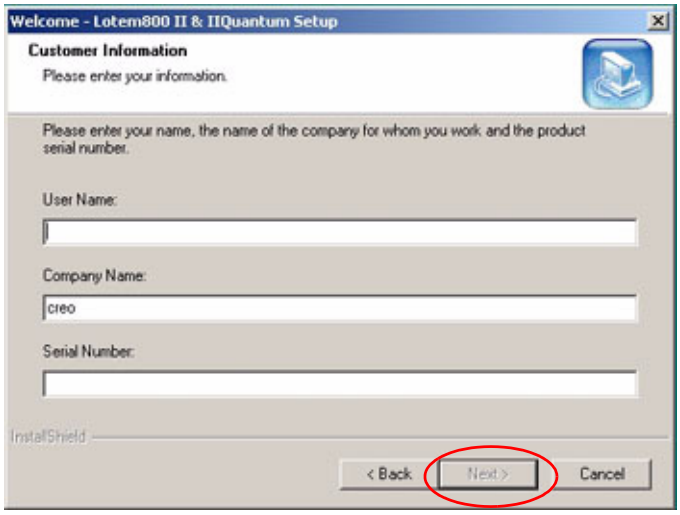
- Read the product versions and requirements and then click **Next**. The Question dialog box appears.



- Click **Yes**. The Lotem800II and IIQuantum License Agreement dialog box appears.



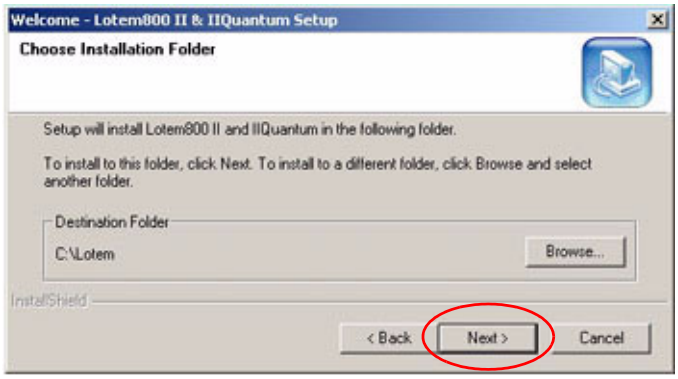
- Click **Yes**. The **Customer Information** dialog box appears.



- Enter your user name (or any other logical name), company name (it is recommended to keep the default 'Creo') and the serial number of the platesetter. Click **Next**.

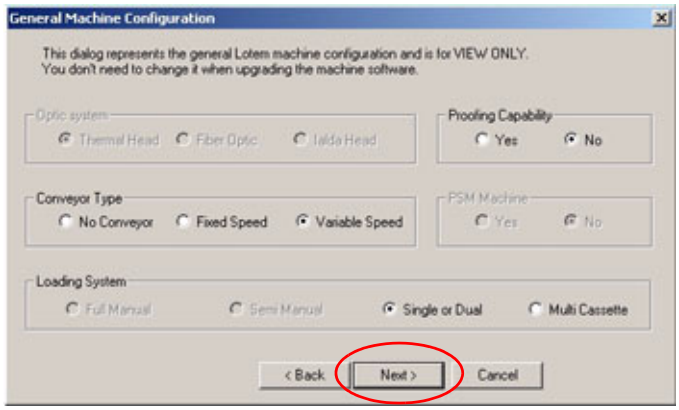
Note: Enter the serial number as described in the section "Appendix E: Identifying a Platesetter's Serial Number" on page 22.

- The **Choose Installation Folder** dialog box appears.



- Select the destination folder and click **Next**.

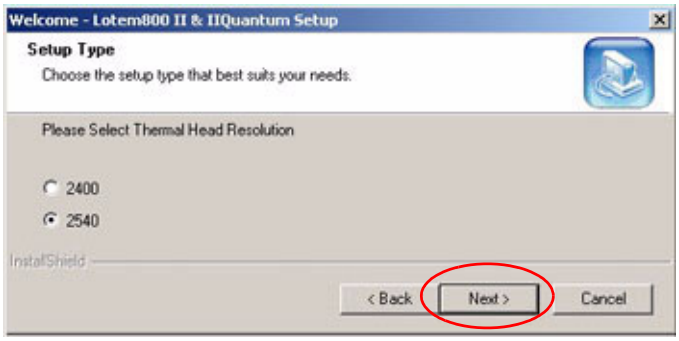
- The **General Machine Configuration** dialog box appears.



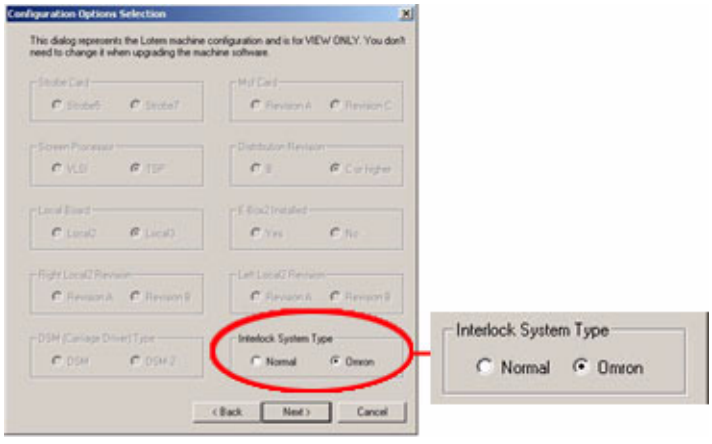
- Select the required Proofing Capability, Loading System and Conveyor Type. Click **Next**.

Note: If you have implemented FCO 512-00044, select a either a conveyor type with a **Variable Speed**, or a conveyor type with a **Fixed Speed**.

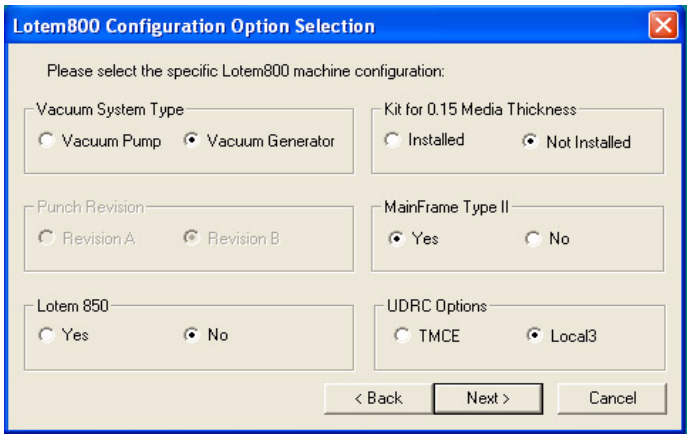
- The **Setup Type** dialog box appears.



- Select the required thermal head resolution and click **Next**. The **Configurations Option Selection** dialog box appears.



- Select the required interlock system type and click **Next**.The **Lotem Configuration Option Selection** dialog box appears.

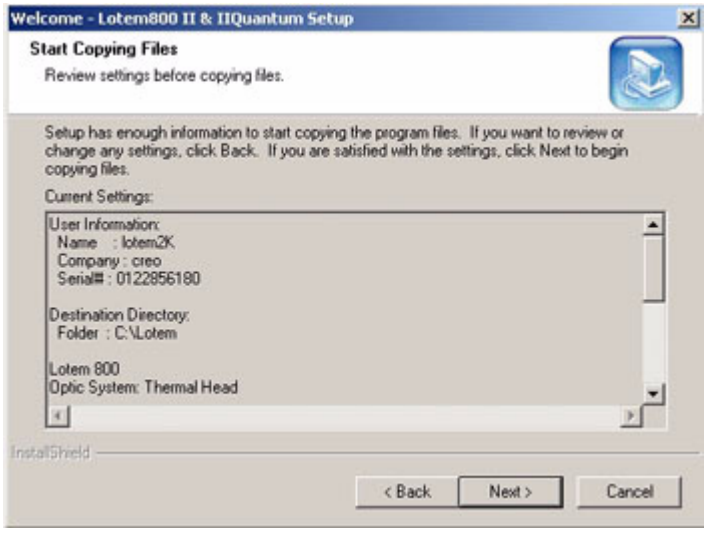


- Select the required vacuum system type.
- Select if the **Kit for 0.15 Media Thickness** has been installed.
- Select whether or not the platesetter is a **MainFrame Type II**.
- Select whether or not the platesetter is a Lotem 850.
- Select the required UDRC options. If you select Local3, the software installation wizard enables you to view UDRC related messages.



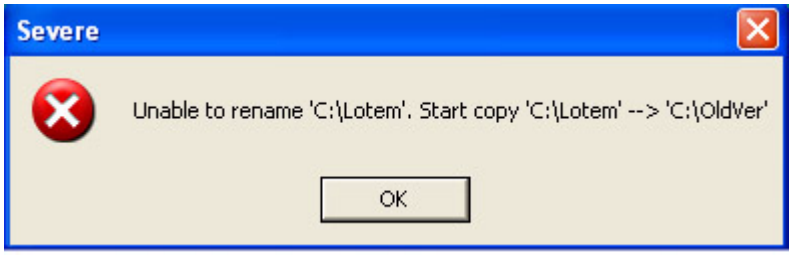
If you click **Yes** to view the messages, the Local3 option is automatically unchecked and the **TMCE** option is automatically selected.

- The **Start Copying Files** dialog box appears.



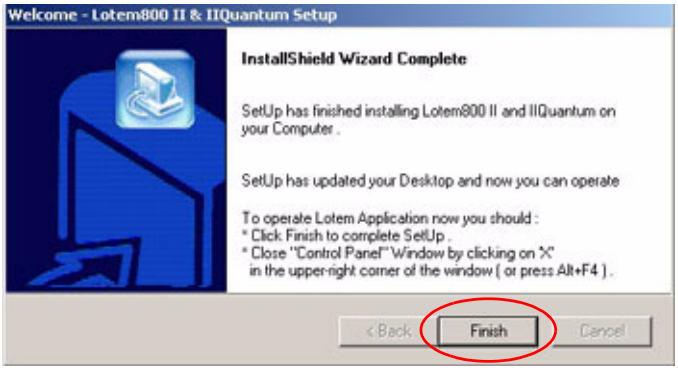
- If you are satisfied with the settings, click **Next**.

Note: When installing the software, the wizard may generate the following error message:



Click **OK** to continue loading the software.

- The **Install Wizard Complete** dialog box appears.



- Check that the information is correct and click **Finish**. The dialog box closes and the software will be installed in the selected destination folder.

Important: When trying to delete a previous version of the software and associated icons, the following error message is generated, `Cannot delete, application used by other application.`
Restart the Lotem computer to resolve this problem.

7. Restore the previously saved NVS files.
8. When the software is installed, the **File Collector** shortcut icon does not appear on the desktop.
   To create the shortcut icon do the following:
   - Locate the **File Collector.exe** file (**C:\Lotem\Utils**).
   - Right-mouse click on the file and select **Send To/Desktop (create shortcut)**.

Appendix A: Firmware for Version 3.82.12

The following firmware versions are to be loaded in the TMCE board and TH2 when installing version 3.82.12. The corresponding file name is in parenthesis:

- **TMCE firmware: 1.38** (L800FMWbcmp138.bin)
  a. **Head firmware 1.05d** (th2fmw105d.bin)
  b. **Xilinx firmware: 2.28** (mcelca0228.bin)
  c. **Boot Code: 1.16.01** (MCEBOOT11601.bin)
  d. **Post Code: 1.06** (mcepost106.bin)
  e. **BBR: 1.03** (mcerec103.bin)
  f. **Pattern Data: 1.01** (mcedata0101.bin) for Spectrum platesetters only.

Note: To identify the correct firmware versions, navigate to the Tools folder: **C:\TH2\Tools** (The Tools folder contains the firmware files in binary format.)

To load any required firmware, type the following command in Service Shell:
`QUANTUM>>`**`download c:\TH2\Tools\<filename>.bin`**
Information about firmware versions loaded in the TMCE and TH2 can be obtained by typing the following commands in Service Shell:
`QUANTUM>> fw dir (or: list version all)`
Verify the correct firmware versions are displayed:

Note: The layout in the screen capture below may differ slightly from version to version. (This screen capture was taken from software version 3.82.12)

```
QUANTUM>>
fw dir
QUANTUM>> fw dir
Name          Start    Scts Length  Checksum Used Free Version
------------- -------- ---- ------- -------- ---- ---- -------
MCE_BBR  Code 00000000    1    6832 Passed     5%  95% 1.03
MCE_NVS  Parms 00020000   2  262144 n/a      100%   0% n/a
MCE_BOOT Code 00060000    2  113322 Passed    43%  57% 1.16.01
MCE_FWD  Dir  000A0000    1  131072 n/a      100%   0% 1.00
MCE_MAIN Code 000C0000   19 1729158 Passed    69%  31% 1.38.0
MCE_OVWR Data 00320000    2       0 n/a        0% 100% n/a
MCE_POST Code 00360000    2   91326 Passed    34%  66% 1.06
MCE_LCA  Image 003A0000   3  218976 Passed    55%  45% 2.28
------------- -------- ---- ------- -------- ---- ---- -------
Totals:                  32 4194304           60%  40%
*** Command Complete
```

`QUANTUM>> th2 "ver"`

```
QUANTUM>>
th2 ver
QUANTUM>> th2 ver
*** Command Complete
TH2 > ver
Project:          Thermal II
Firmware:         1.04d Release
Build:            2494
Date:             Feb 23 2004 11:20:49
Control board:    3
Xilinx:           30
*** Command Success ***
```

Appendix B: Update Max Drum Speed for High Throughput



Note: Set the new drum speed according to the HASP (dongle) key attached to the platesetter.

To upgrade the drum speed, do the following:

Open Service Shell and type the following command for each media defined in Service Shell:

`Quantum>>`**th2 "set med (X-1) drumspeed Y"**

`Quantum>>`**media X**

Where **X** denotes the number in the media table (subtract 1 from this value), and **Y** is the recommended drum speed.

- S speed: **150 rpm***
- F speed: **235 rpm***
- V speed: **450 rpm***

* Depending on the type and size of media used. See Media Calculator.

Appendix C: Remote Support

Network connection

In order to access the Lotem machine remotely, the Lotem must be connected on the customer network and not in Point To Point (PTP) connection to the Brisque.

Please refer to FCO 512-00269A for connecting the Lotem to the network.

Creo Service Port and Service Wire

The Creo Service Port (CSP) is installed with the Windows 2000 image CD. This enables defining the Lotem directly to the Service Wire (RSS). Guidelines for supporting the Lotem from the Service Wire can be found in the Lotem Family and RSS - Quick Connectivity Guide.

Remote Control

To access the remote control feature on the Lotem, select **Remote Support** from the **Utilities** menu. This launches the following:

- Net Meeting
- VNC
- Remote Applications dialog box



Note: To connect to Net Meeting from a remote computer, type **Remote** in the **User** box and type **sciremote** in the **Use Password** box.

The VNC on this version is Tight VNC with improved performance compared to previous releases.
To connect to VNC from a remote computer, type **sciremote** in the **Session Password** box.

Remote Diagnostics

There are two main advantages in running remote diagnostics:

- Saves time when the service engineer is on site by having test results available.
- Makes it possible to ship parts to the site before the engineer arrives on site.

When a TCP/IP connection has been established to the customer's site, it is possible to do the following:

- Remotely control the Lotem's desktop and activate three different kinds of diagnostics.
- Run the JOIND as a client/server application, as described below:
    - Ask the customer to close Lotem Controller (or use the desktop control to remotely close the application).
    - Ask the customer to activate the JServer via the **Start > Lotem 800 - Diag** menu (or use the desktop control).
    - Activate the JOIND Client on the remote PC. (This may be downloaded from the Remote Support section in TechPlanet).
    - In **Step 1** of the JOIND Startup, type in the IP address of the Lotem.
    - Click **Next** and then **Finish**.

Drive Sharing & Mapping

Drive C of the Lotem can be used sharing and mapping purposes. To connect to drive C from a remote computer, type the following in the **Start > Run** dialog box:

\\Lotem-IP-Address\C$

or

\\Lotem-IP-Address\C

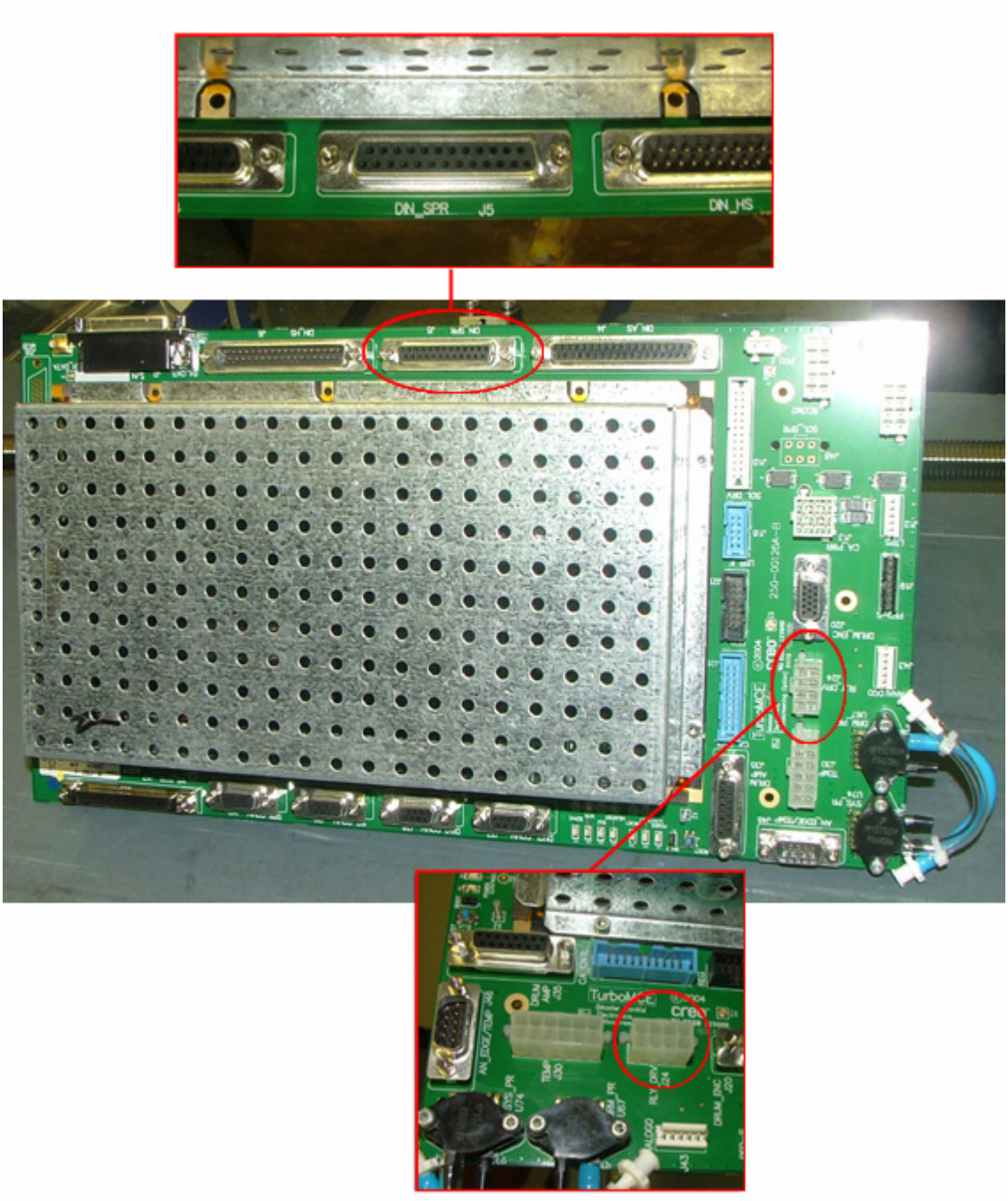
When prompted, type **remote** in the UserName box and **sciremote** in the Password box.

Appendix D: Configuring the UDRC

This appendix describes how to configure the UDRC to work with the TMCE detector and how to enable the UDRC filter status to appear within Lotem Controller.

1. Disconnect the UDRC communication cable from the platesetter's ABL.unit cable, located near to the left side of the E-box and the debris cabinet.
2. Install cable (220-01290A) to both the UDRC and the TMCE board:




DIN_SPR J5
DIN_HS

3. In Service Shell, enable debris removal option, as follows:

```
QUANTUM>> access dev
QUANTUM>> option debris udrcb enable
Debris UDRCB option enabled successfully
*** The machine must be reset for the changes to take effect
***

*** Command Complete

QUANTUM>> option
Product Option commands
----------------------
option edgedetect   enable|disable
option spectrum     enable|disable
option vmr          enable|disable
Current Options
--------------
EdgeDetect option is enabled
Spectrum option is disabled
Debris UDRCB option is enabled
Debris UDRCL option is disabled
VMR option is enabled

*** Command Complete
```

4. In Service Shell, enable the UDRC in the media definition, as described below:

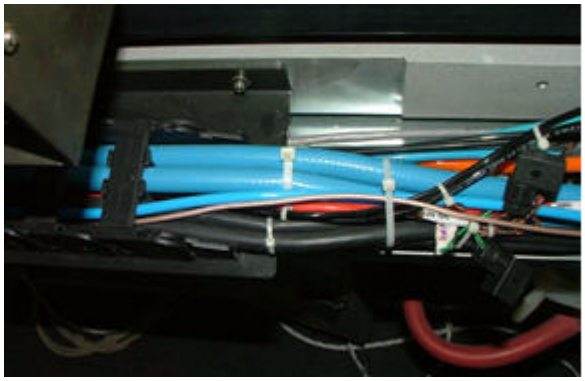
```
Quantum>>PRM Hazardous media enable
Quantum >> set media X* DebrisOptions 3
PRM media parameters:
Group Parameter Active Default Units
_____________________________________
Media DebrisOptions[1]3 1
***Command Complete
```

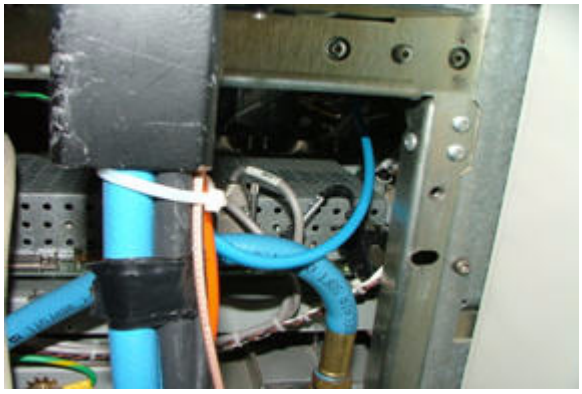
*X denotes the customer's media type (1-16).

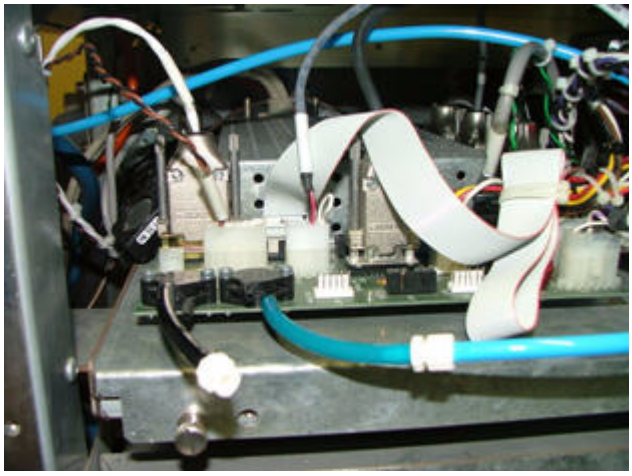
Note: Platesetters that were upgraded from software version 3.51.xx may need to have the TMCE sensor hose routed from the TH2 to the TMCE board:











Appendix E: Identifying a Platesetter's Serial Number

An adhesive label is affixed to the lower rear panel of each platesetter. There are two different types of label, depending on the year the platesetter was manufactured.

When installing software version 3.82.xx, the first four digits of the Lotem's serial number must be included in the 10-digit access code.
Identify the access code and serial number as illustrated below:



The 10-digit access code (**yywwssssss**) comprises of the following characters:
yy: Represents the year (first two digits)
ww: Represents the week (third set of digits)
ssssss: Represents the serial number (last six digits)
When the serial number only contains five digits, add a **0** to the end of the serial number in order to complete the installation. For example, the serial number 77777 would be entered as 77777**0**



Appendix F: Files Collector Utility

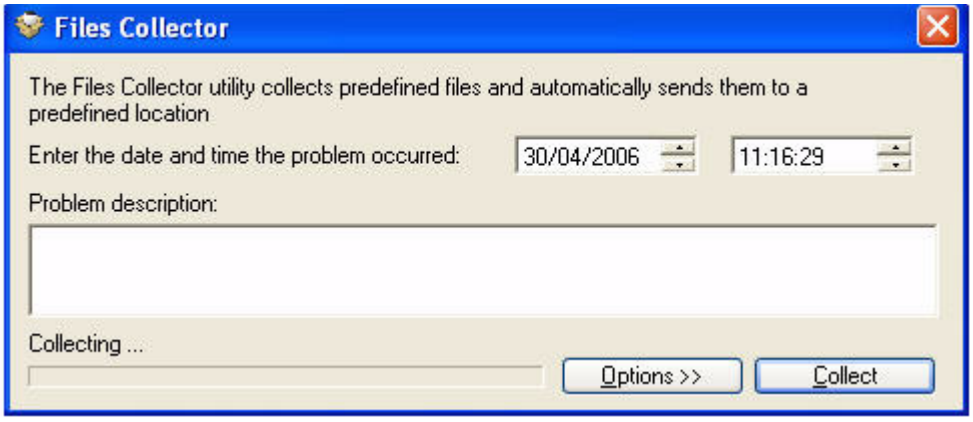
The Files Collector is a utility that collects predefined files from various locations and automatically sends them to a Kodak ftp site. This utility is meant to be used immediately after a problem occurs.

The service engineer requests that the operator access the Files Collector utility - which acts as a bug reporting system when troubleshooting the device.

1. On the desktop, double-click the **Files Collector** icon:



2. The Files Collector dialog box appears.

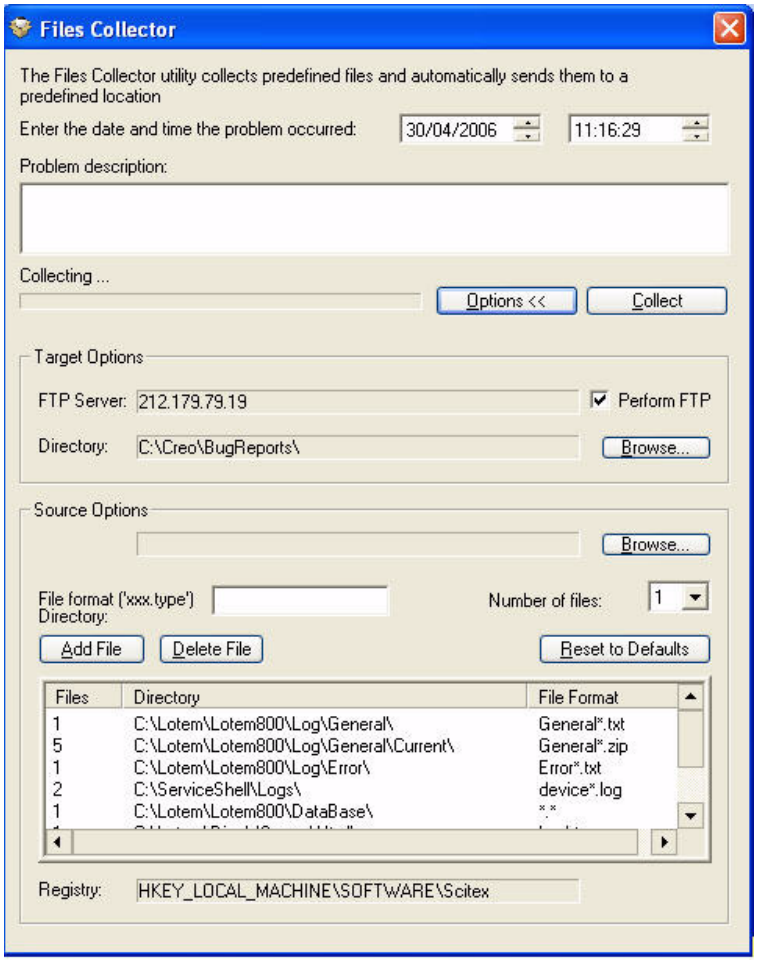


The customer must to do the following:

1. Select the date and time of the error.
2. Fill in a short description relating to the problem.
3. Click **Collect.**
   The Files Collector utility retrieves specific files (see list below), compresses them to **C:\Creo\BugReports** (up to 10 compressed files will be saved), and then transfers the compressed files via FTP to the Kodak FTP server.
   - Lotem 800 database files (from C:\Lotem\Lotem800\DataBase)
   - Two last Service Shell device logs (from C:\ServiceShell\Logs)
   - Error log (from C:\Lotem\Lotem800\Log\Error)
   - Six last general logs (1 from C:\Lotem\Lotem800\Log\General and 5 from C:\Lotem\Lotem800\Log\General\Current).
   - Last diagnostics log file (from C:\Lotem\Diag\JServer\Html)
   - Last five stand-alone diagnostics history log files (from C:\Lotem\Diag\JServer\Html\LogHistory)
   - Last five Controller diagnostics history files (from C:\Lotem\Lotem800\Log\Diag)

- Entire Lotem 800 registry hive.
- Timestamp file indicating when the error occurred.

4. Click **Options** to modify the default preferences. The Files Collector dialog box appears.



In the dialog box, you may change the following:

- Default target directory.
- Disable the FTP operation, meaning the zip file will be created but it will not be sent to Kodak.
- Modify the default list of files collected with the Files Collector.