FCO 512-00302A Improving the reliability of the unloading process, from the drum to the tray stage

Document number: 719-00545A Rev C

Release date: 21 Jul 2005

Applies to

- Lotem® 800
- Lotem 800 II
- Lotem 800 Quantum
- Lotem Quantum Spectrum

Priority: Next visit

Component: Unloading script (UnloadPlateFromDrumToTray.Script)

Problem:

- Drum continues to rotate after unload motor stops—creating a buckle in the plate.
- Plate exits halfway from the platesetter. Plate is then retracted back into the platesetter, and the platesetter continues to load the next plate. This causes a fly-off and potentially severe damage to the platesetter.

Solution:

Install the unloading script. During the unloading process (from the drum to tray), the script performs the following checks:

- Monitors the drum position
- Stops the unload motor only *after* the plate reaches the unload rollers
- Verifies if the unload rollers begin to rotate

Time required: ½ hour

Parts included in FCO:

Part Number	Part Name	Quantity
651-00402B	Unload script update for 3.61.02	1
651-00404C	Unload script update for 3.80.16	1
719-00545A Rev C	FCO document	1

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Procedure

1. Open the platesetter's front and right doors.
2. Exit Lotem Controller.
3. Insert the relevant diskette into the platesetter's diskette drive.
   For example, if the platesetter is running Lotem Controller software version 3.80.16, insert the **Unload script update for 3.80.16** diskette (part number 651-00404A).

   Note: The update installer appears automatically. If the installer does not appear, locate the **A:** drive in Windows® Explorer® and double-click the installer icon.

4. Follow the on-screen installation instructions.
5. After the installation is complete, remove the diskette from the platesetter's diskette drive.
6. In Windows Explorer, locate the **UnloadPlateFromDrumToTray.Script** script:
   C:\Lotem\Lotem800\Scripts\LoadingSystem\Automatic\AutoPlate
7. In Windows Explorer, from the **View** menu, select **Details**. Make sure the Modified column displays the current date for the **UnloadPlateFromDrumToTray.Script** script.
8. Close Windows Explorer.
9. Start Lotem Controller.
10. On the **Utilities** tab, select **machine info**, and check the following:
    - Fiber head (FH) and Lotem Spectrum platesetters have **Service Pack 4** installed.
    - Quantum platesetters have **Service Pack 1** installed.
11. Load and unload several plates of different sizes and thickness.
12. Make sure the loading and unloading process runs smoothly.

Technical contact	Nir Peleg
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