FCO #512-00202A Unload Tray Upper Rollers Replacement

Document number: 719-00367A-EN Rev D

Release date: 08 Dec 2004

Applies to

- Lotem® 400
- Lotem 400 Quantum
- Lotem 400 Xpose
- Lotem 200K

Priority: Next failure

Machines affected N/A

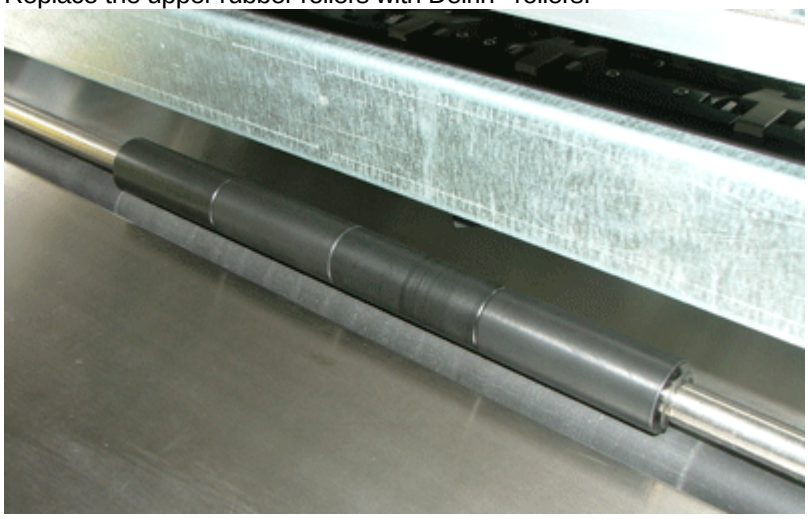
Component Unload rollers

Problem

The upper rubber rollers on the unload tray cause signs of photoactivity or pressure marks on Kodak® plates.

Solution

Replace the upper rubber rollers with Delrin® rollers.



Time required 1 hour

Prerequisite FCOs N/A

Parts included in FCO

Part Number	Part Name	Quantity
500-02110A	Assy, unload roller free	2 (1 unit = 2 rollers)
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FRU after FCO implementation	N/A
Special Tools required	N/A

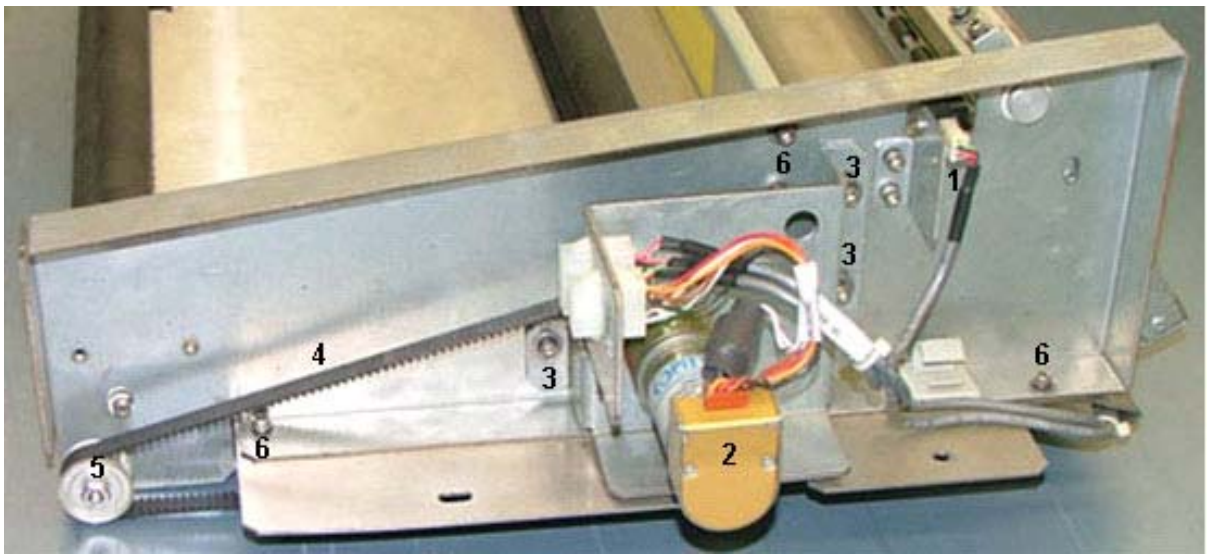
Procedure

Removing the unload tray

1. In Lotem Controller, open the rear door.
2. Open the rear panel.
3. Turn off the air pressure to the machine.
4. In the back of the platesetter, on the left side, disconnect the two air pressure tubes (labeled unload system in and unload system out).
5. On the right side, disconnect the following connectors:
   - Interlock
   - Unload motor
   - Unload detector
6. From each side of the unload tray, remove the two 10 x 32-1/2" hex screws and carefully remove the unload tray from the platesetter.

Removing the unload rollers from the unload tray

Perform the following steps on the right side of the unload tray. The numbers refer to the following picture.

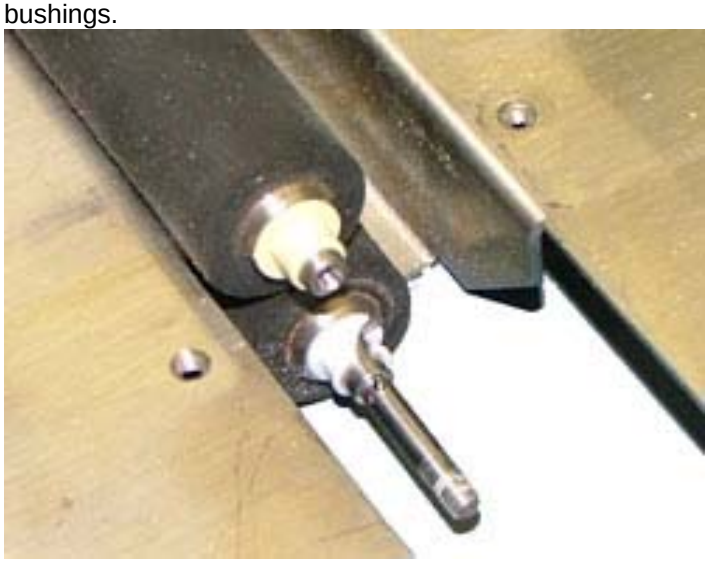


1. Disconnect the unload arm detector (1).
2. Remove the unload tray gear motor (2) by removing the three 8 - 32x1/2" hex screws with their spring washers and flat washers (3).
3. Remove the unload tray gear belt (4).
4. Remove the two nuts (5) from the gear (sprocket) and remove the sprockets.

5. Remove the flange by removing the six 8-3/8" hex screws with their spring washers and flat washers (6).

Important: Before you continue, note the positions of the bushings on the roller shafts. They must be reinstalled in the same position.

6. Carefully remove the bushings from the upper roller shafts, taking care not to damage the bushings.



7. Remove the upper unload rollers.

Installing the Delrin unload rollers

> Install the Delrin unload rollers in place of the rubber unload rollers, and reassemble the unloading assembly and tray in the reverse order.
>
> **Note**: The unload tray gear belt tension should be tight enough to prevent it from sliding off the gear.

Upon completion

To test the procedure, load and expose a plate, and then unload the plate. Check the plate to confirm that there are no signs of photoactivity or pressure marks.

Logistics

Approved quantities:

CSC	Quantity
CAM	25
CEU	25
CAP	10
CJP	5
CMA	10

Material disposition

Return upper rubber load rollers to stock.

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See also	N/A
Technical contact	Mario Amir
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