FCO 512-00181A

Improving the dual-loading cassette's plate/paper separation

Document number: 719-00347A Rev B

Release date: 10 Feb 2005

Applies to

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

Priority: Next visit

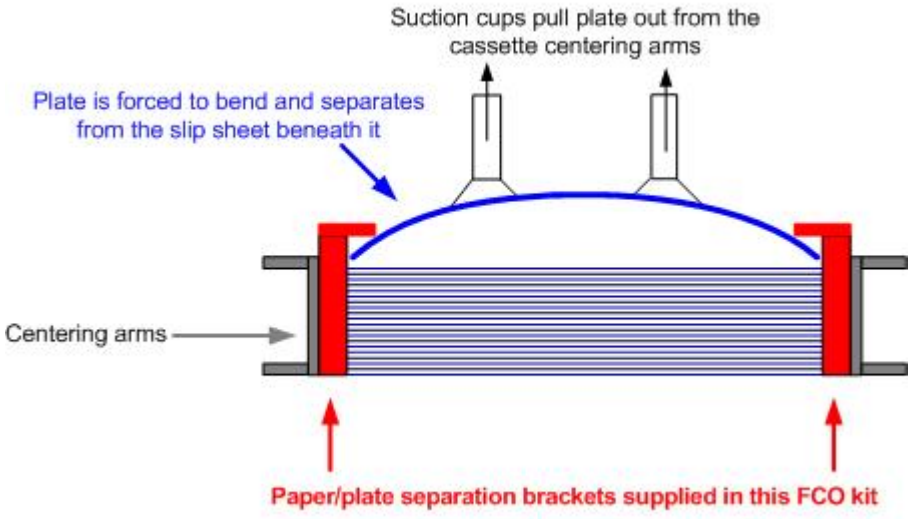
Component Dual-loading cassette (DLC) system

Problem

- Static electricity and/or a slip sheet that sticks to the plate may cause *double feeding*; meaning the plate and the slip sheet (immediately beneath the plate) are loaded together.
- During the plate loading process, the slip sheet does not separate from the plate that is immediately beneath it.

Solution

Install the improved DLC centering arms with the paper/plate separation brackets, supplied in this FCO kit. When *Step A* of the loading process is performed—*Loading plate from cassette entry to punch entry*, the improved centering arms and brackets cause the plate to bend in a convex shape. The convex bending forcibly separates the plate from any slip sheets that are immediately above and beneath the plate:



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Time required Approximately 40 minutes.

Parts included in FCO

Part Number	Part Name	Quantity
252-07020A	Plate Separator upper tray DLC	2
252-07021A	Plate Separator short upper tray DLC	2
252-07022A	Plate Separator long upper tray DLC	2
290A2R148B	Centering arm DLC Type II	2
293A7B881A	Adjustable DLC arm assembly	2
374A00080	Packing label - white	1
380J01020	Phil pan HD STST 4-40*1/4”	4
391S70118	RSC carton box 200 x 160 x 110	1
651-00218B	Plate separation DLC diskette	1
719-00347A	Plate separt LTM800 DLC/SCU/MCU – IL05486	1

FRU after FCO implementation

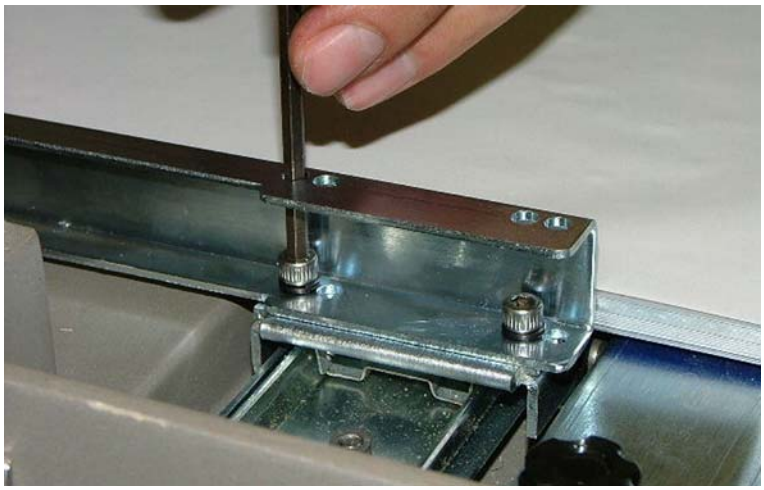
Procedure

Before beginning this procedure:

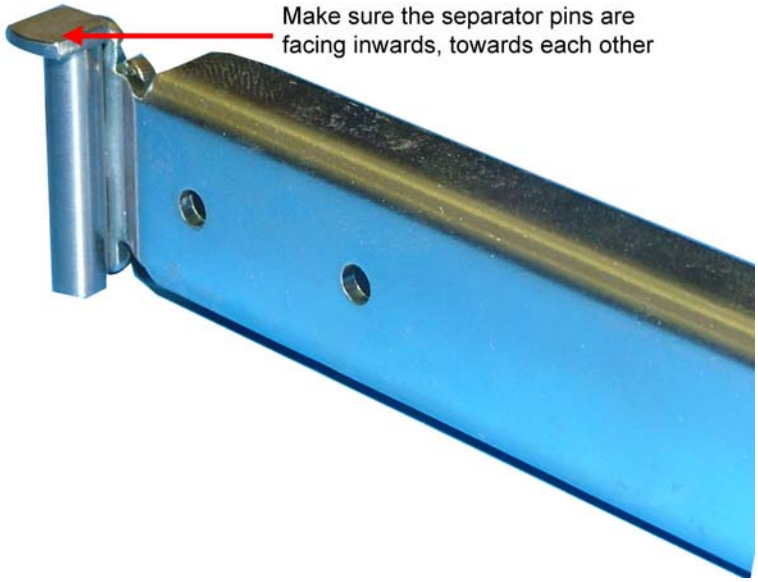
- Check that the site’s humidity falls within the required humidity range, which is approximately 55% +/- 5%.
- Check that the platesetter and the DLC are vertically aligned to each other.

1. In Lotem Controller, remove the cassette.
2. Open the main cassette cover.
3. Remove all the plates from the cassette’s main tray.

4. Remove the two existing centering arms and put the screws to one side:

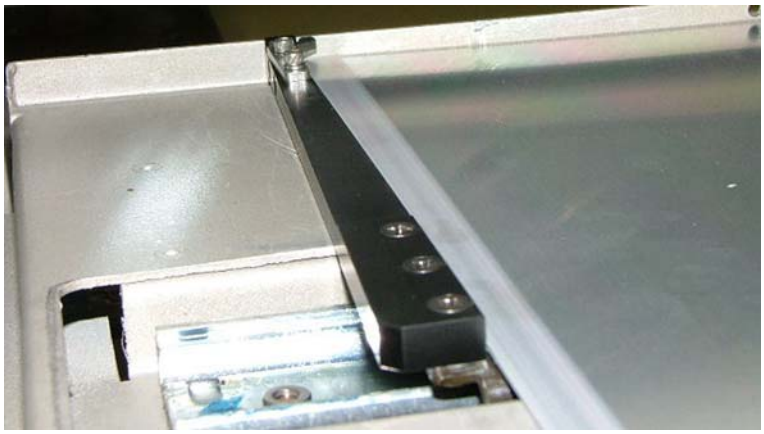


5. Use the screws from the previous centering arms to install the two improved centering arms (part number 293A7B881A). Make sure the arms' separator pins are facing inwards, towards each other:

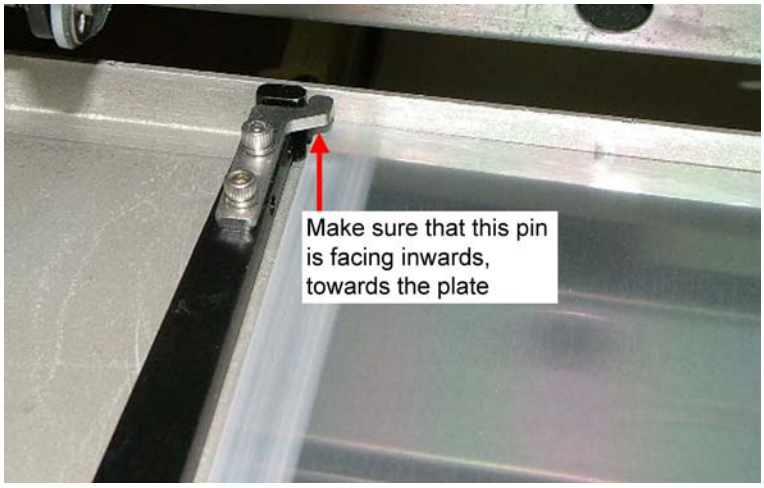


6. Manually open and close the centering arms. Make sure they are both moving smoothly.
7. Reload the plates into the cassette.
8. Use the centering arms to center the plates.
9. Lock the arms against the plates.
   Important: This FCO will only succeed if the arms are locked against the plates.
10. Close the DLC's main cassette cover.
11. Open the DLC's upper tray cover and remove any plates.
12. Remove the upper tray centering arms.

13. Use the screws from the previous centering arms to install the two improved centering arms (part number 290A2R148B):



Make sure the arms' separator pins are facing inwards, towards each other:



14. Manually open and close the centering arms. Make sure they are both moving smoothly.
15. Reload the plates into the cassette.
16. Use the centering arms to center the plates.
17. Lock the arms against the plates.
    Important: This FCO will only succeed if the arms are locked against the plates.
18. Close the DLC's upper tray cover.
19. Reinsert the DLC back into the platesetter.

20. Amend the following Lotem Controller parameters:

Note: The parameters for each individual platesetter may vary slightly from those described in this table. The parameters in the table should be used for indicative purposes only.

Amend These Parameters	Value	
	Old	New
Y Motor\ ***Min Speed App ValueY plate high***	1	0
Loading system\load plate\from cassette to punch entry stage\ ***Y plate high up in cassette (Rel) speed***	1	0.7
Loading system\load plate\from cassette to punch entry stage\ ***Y plate high up in cassette (Rel)[mm]***	-45	-55
Loading system\load plate\from cassette to punch entry stage\ ***Y plate rell up in cassette (Rel)[mm]***	-16	-22
Loading system\load plate\from cassette to punch entry stage\ ***X Extra to short pins***	30	25
Loading system\load plate\from cassette to punch entry stage\ ***X Extra to short pins for 0.2***	28	23
Loading system\load plate\from cassette to punch entry stage\ ***Number of plate backward separations***	1	0
Loading system\ ***X Prepare to catch plate [mm]***	365	373

Install FCO Tracker	Insert the diskette and double-click on the **exe** file, or download the file from TechPlanet's FCO page. For more information refer to the FAQ: FCO Tracker.

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Logistics

Approved quantities:

CSC	Quantity
CEM	50
CAM	50
CJP	50
CAP	15
CSR	13

Schedule supplies for first lots:

	CSC				
	CEM	**CAM**	**CJP**	**CAP**	**CSR**
Schedule					
Jan 05	20	20	10	5	5
Feb	20	20	20	5	5
Mar	10	10	20	5	3

Inventory:

Lead time: 6 weeks.

Material disposition

Dispose of the old centering arms.

Technical contact Moshe Arviv

Date submitted 10 Feb 2005

Last updated 03 Mar 2005