FCO 512-00183A
Improving the multi-cassette unit's plate/paper separation

Document number: 00394-719A Rev A

Release date: 10 Feb 2005

Applies to: MCU for Lotem® 800

Priority: Next visit

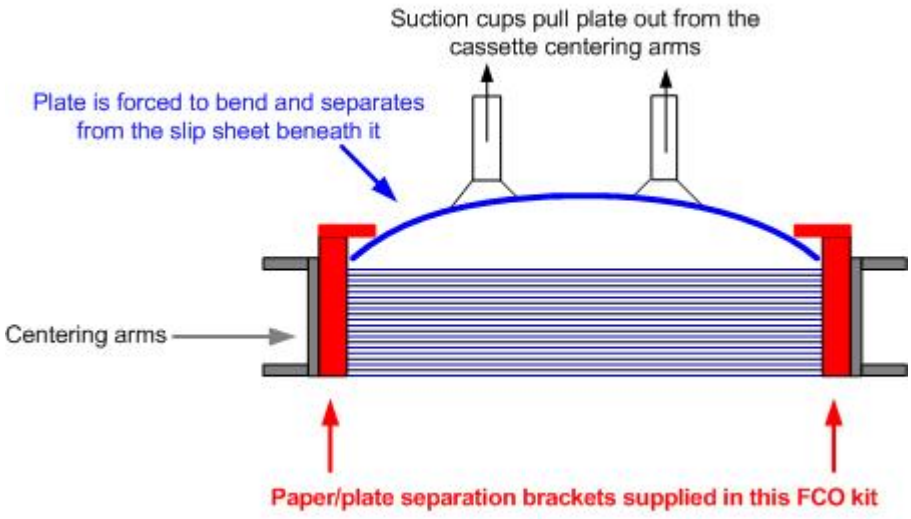
Component: Multi-cassette unit (MCU) system.

Problem

- Static electricity and/or a slip-sheet that sticks to a 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 MCU 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 1 hour

Parts included in FCO

Part Number	Part Name	Quantity
293A9B140A	Adjustable centering arm assembly	10
374A00080	Packing label – white	1
391S70118	RSC carton box 200 x 160 x 110	1
651-00217B	Plate separation MCU diskette	1
00394-719A	Plate separt LTM800 DLC/SCU/MCU – IL05486	1

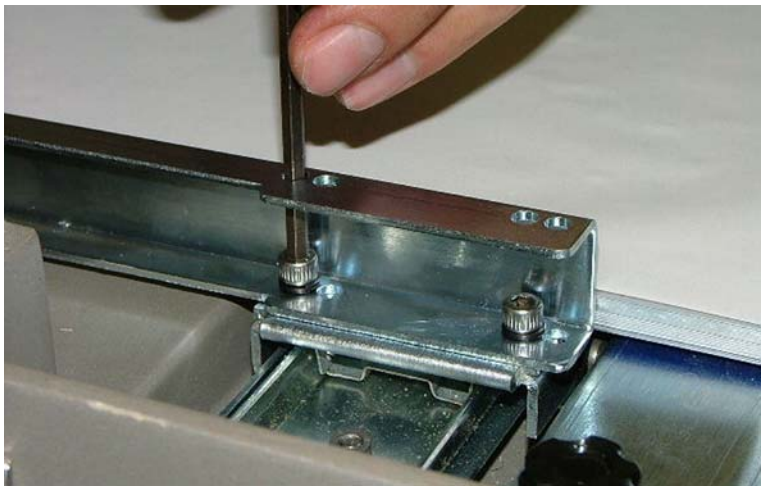
FRU after FCO implementation

Procedure

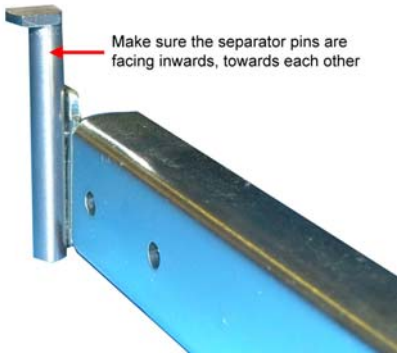
Before beginning this procedure:

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

1. Send one of the five trays to the user door.
2. Open the user door.
3. Remove any plates from the cassette.
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 293A9B140A). Make sure that the arms' separator pins are facing inwards, towards each other:



6. Manually open and close the centering arms. Make sure that 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 user door.
11. Repeat the previous steps 1-10 on each of the remaining four trays.
12. 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	-30
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 the **.exe** file, or download the file from TechPlanet's FCO page. For more information see the FAQ: FCO Tracker.
Logistics	Approved quantities:

CSC	Quantity
CEM	25
CAM	20
CJP	25
CAP	3
CSR	0

Schedule supplies for first lots:

	CSC				
	CEM	**CAM**	**CJP**	**CAP**	**CSR**
Schedule					
Jan 05	10	10	10	3	0
Feb	10	5	10	0	0
Mar	5	5	5	0	0

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