FCO #512-00180A
Update 2 for Lotem Controller 1.60.09

Document number: 719-00346A-EN Rev A
Release date: 03/08/2004

Applies to

- Lotem® 400
- Lotem Xpose
- Lotem 200K

Priority: Next visit

Machines affected

N/A

Component

N/A

Problem

The Height/Width Start Image Area Adjustment (see the Lotem 400 procedures page on TechPlanet) and the calibration of the parallel spoilers are essential for correct expose results and the proper function of the edge detection system.

In Lotem Controller software version 1.60.09, edge detection was faulty, due to

- The location and width of strips 1 and 2 were not precise
- The system was sensitive to inconsistencies in the power supply

In addition, a Windows error message occurred during shutdown in the Lotem 400 Xpose with UDRC configuration.

Solution

Install update 2 to:

- Automatically define strips 1 and 2
- Make the system less sensitive to power supply inconsistencies by improving the Drum power calibration value
- Support Lotem 200K by defining the plate size with fixed parameters

Time needed to implement

1 hour

Prerequisite FCOs

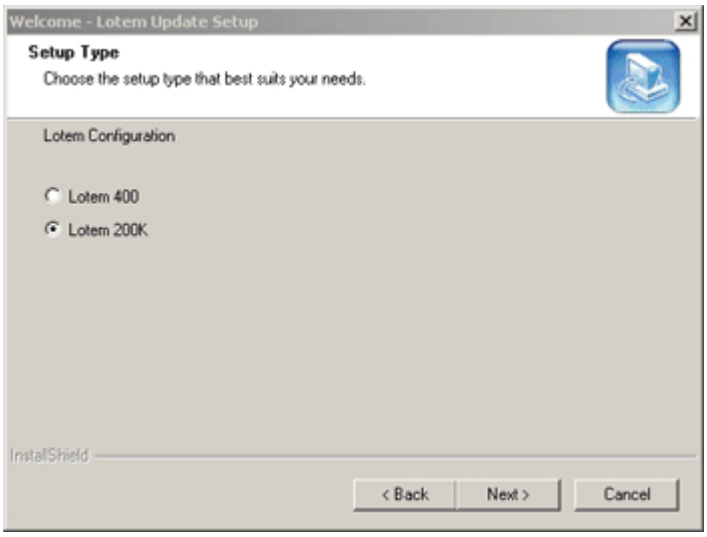
N/A

Parts needed

Part Number	Part Name	Quantity
651-00176A	Update 2 CD	1
719-00346A	FCO document	1

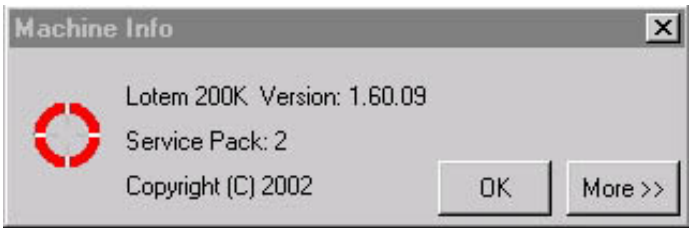
Tools needed	N/A
Procedure	Before loading Update 2, if you have made any mechanical changes to the pins, spoilers, or encoders, recalibrate the width start image area (see Height/Width Start Image Area Adjustment).

1. Close the Lotem Controller application.
2. Insert the CD in the CD-ROM drive. The update self-installs.
3. When the installer prompts you, select the relevant device type (Lotem 200K or Lotem 400).



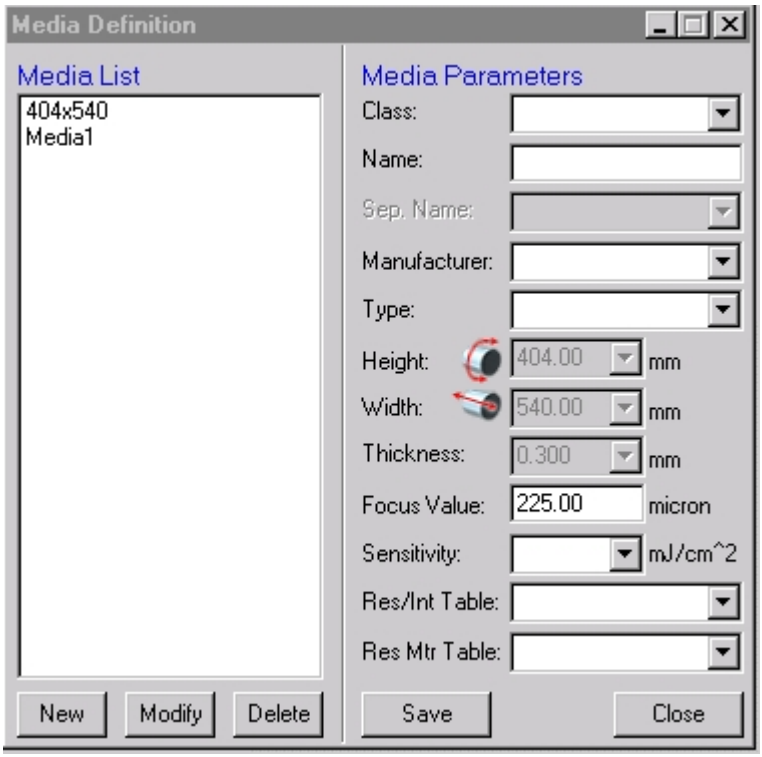
To test that the update is installed correctly:

> Select **Utilities** > **Machine Info**. If the following message appears, the update is installed correctly:



If you have Lotem 200K, check the following:

1. In the Media Definition dialog box, click the **New** button.



2. Verify that the plate size parameter are unavailable, and have the following fixed sizes:
    - Height = 404
    - Width = 540
    - Thickness = 0.3

Note: You can change any parameters, as required, except the plate size parameters.

Limitations

If you change any **Media Definition** parameters when a plate is on the drum, the **Const Conversion Thickness to Focus Motor** parameter is updated instead of the **Focus** parameters. To prevent this, before changing any parameter in the **Media definition** dialog box, verify that the media is not on the drum. This enables the Focus parameters to be automatically updated in the Edge Detection dialog box after new media is loaded on the drum.

When done	N/A

Logistics	Approved quantities:

CSC	Quantity
CAM	100
CEU	100
CAP:	50
CJP	50
CMA	50

Material disposition	N/A
See also	N/A
Technical contact	Mario Amir
Date submitted	03 Aug 2004
Last updated	03 Aug 2004