Kodak

Update 5 for Lotem 400 Controller Software

Lotem 400 Quantum Configuration

Version 1.50.08

Release Notes

English

739-00444A-EN Rev A

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Introduction

These release notes describe the changes in the Kodak® Update 5 for Lotem® 400 Controller 1.50.08 software that were made after the *Update 3.1 for Lotem 400 Controller 1.50.08 Release Notes* were published. Where applicable, the release notes refer you to references for more information.

Prerequisites

- FCO 512-00412A Tweezers Assembly
- Update 3.1 for Lotem 400 Controller 1.50.08 *must* be installed before you install Update 5. If not, the plate-loading parameters will not work.

What Is in These Release Notes

The release notes include the following sections:

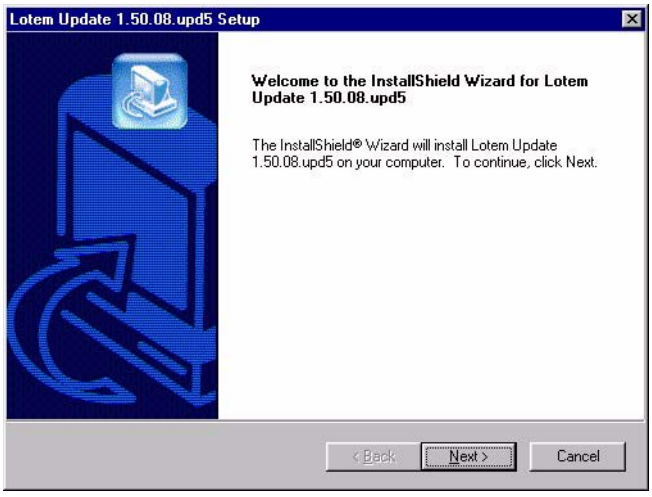
- *Enhancements* describes improvements that were made to existing features.
- *Problems Fixed* lists problems in the previous release of Lotem 400 Controller that are now resolved.

Enhancements

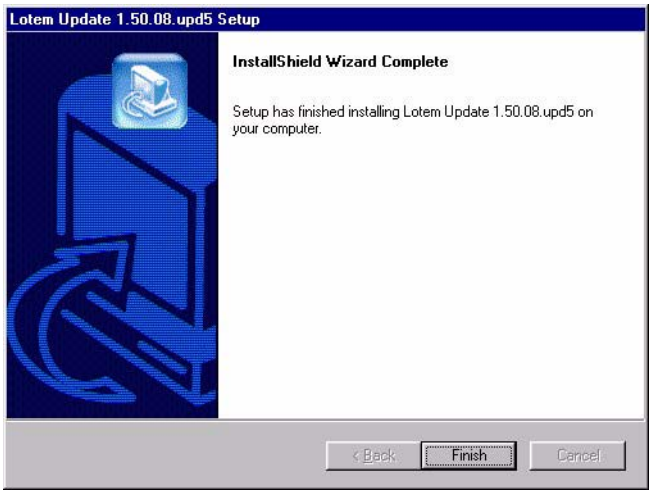
This section lists features that were improved in the Update 5 for Lotem 400 Controller 1.50.08 software. Features that were modified as a result of a problem in the software are described in *Problems Fixed* on page 4.

Software

- Plate-loading parameters provided on CD
  1. Insert the Lotem Update 1.50.08 Update 5 CD into the CD/DVD ROM drive.
  2. When the Welcome to the InstallShield Wizard for Lotem Update 1.50.08upd5 dialog box appears, click **Next** and follow the instructions to install the update.



  3. When the InstallShield Wizard Complete dialog box appears, click **Finish**.



Scripts

In Update 5 for the Lotem 400 Controller 1.50.08 software, the following script files have been changed:

- **CLoadingSystemBaseTask.Script**
- **ConfigLoadingSystem.Script**
- **CPaperDisposalTask.Script**

Problems Fixed

This section describes the paper-picking and paper disposal improvements on Lotem 400 Quantum platesetters with multi-cassette unit (MCU) that are resolved in this release of the Lotem 400 Controller software.

- Tweezers assembly was upgraded. See FCO 512-00412A.
- Paper-picking and paper disposal improvements. See the following *Paper Disposal Parameters* section, and *Paper Disposal Task* on page 5.

Paper Disposal Parameters

The MCU paper disposal parameters in Update 5 for Lotem 400 Controller 1.50.08 are listed in the following pages. The parameters are located in the registry at the following location: **\Lotem400V\IO OBJECTS\Loading System\Load Plate\Paper Disposal Stage**

Table 1: Paper disposal parameters

Parameter	Default
Delay For Drop Plate (Mili Sec)	1000
Delay For Y Up (Mili Sec)	500
Enable Y go Up ABoveTray Roller [0=Disable ,1=Enable]	0
Min Paper On Bin For Warrning	30
Operate Vacuum During Paper Disposal	0
Previos Twiser Drive System Yes=1 No=0	0
Time To Sleep After Extra In cassette [mSec]	500
Time To Sleep Before Stop Paper Disposal [mSec]	0
Time To Wait For Clips are Full Open [mSec]	500
X Before To Drive Catcher (mm)	950
X For Open Paper Clips (mm)	630
x Out Of Protector for tray 2 [mm]	20
X Paper Disposal Final (mm)	660
X Paper in disposal (mm)	650
X Paper in disposal speed	5
X Paper In Motor (mm)	630
X Paper In Motor Speed	30

Parameter	Default
X Prepare To Paper Disposal (mm)	600
X Prepare To Paper Disposal Speed	30
X Staeir Before Entry To Punch	110
X To Drive Catcher (mm)	1005
Y Down After Drive Catcher (mm)	20
Y Down Before To Drive Catcher (mm)	30
Y Down To Paper Disposal Speed	20
Y Down To Paper Disposal(mm)	108
Y High Up Speed	10
Y Paper High Up In Cassette (mm)	-8
Y Paper High Up In Cassette Speed	10
Y Prepare To Paper Disposal (mm)	85
Y Staeir Before Entry To Punch	-60
Y Up before entre to paper disposal [mm]	10
Y Up To Init Catcher Rel (mm)	-50

Paper Disposal Task

This section describes the relevant actions that occur during the paper disposal task of the plate-loading sequence on Lotem 400 Quantum platesetters with multi-cassette unit (MCU). In this stage, the XY bar transports the slip sheet from the cassette to the disposal system. This stage occurs only when a slip sheet is detected in the cassette. For more information, see the *Magnus 400 With MCU Plate-Loading Sequence and Parameter Reference Guide* (731-00835B).

Table 2: Paper disposal task

Step	Description	Parameter	Value (mm)
1-x →	The XY bar moves to plate/ paper picking position.	Load Plate > From Cassette To Punch Entry Stage > **X Prepare to Catch Plate For Cst 1(mm)** **X Prepare to Catch Plate For Cst 2(mm)** **X Prepare to Catch Plate For Cst 3(mm)**	 46 191 335
2-y ↓	The XY bar descends and a slip sheet is detected by paper/metal optic detector.	Loading System > Loading System Setup > **Y to detector Speed** **Y Rel To Read Paper Metal Det**	 12.5 -15

Step	Description	Parameter	Value (mm)
3-y ↑	The XY bar rises and the tweezers open.	Load Plate > Paper Disposal Stage > **Y Up To Init Catcher Rel (mm)**	 –50
4-y ↓	The XY bar descends to the bar flag, and the tweezers attach to the paper and start closing.	Loading System > Loading System Setup > **Paper Y Down In Cassette (mm)** **Y Extra to detector Speed**	 6 5
5-y ↑	The XY bar rises, enabling the tweezers to close and catch the paper.	Load Plate > Paper Disposal Stage > **Y Up After Paper Down In Cassette (mm)**	 –5
6-y ↓	The tweezers close while catching the slip sheet.	Loading System > Loading System Setup > Paper Y **Down In Cassette (mm)**	 6
7-y ↑	The paper disposal rollers start revolving, and the XY bar lifts the slip sheet.	Load Plate > Paper Disposal Stage > **Y Up before entre to paper disposal [mm]**	 10
8-x →	The XY bar transports the slip sheet above the disposal rollers.	Load Plate > Paper Disposal Stage > **X Prepare To Paper Disposa**l	 600
9-y ↓	The XY bar descends with the slip sheet.	Load Plate > Paper Disposal Stage > **Y Prepare To Paper Disposal(mm)**	 85
10-x →	The XY moves forward until the slip sheet is caught between the rollers and transferred to the paper bin.	Load Plate > Paper Disposal Stage > **X Paper in disposal (mm)** **Y Down To Paper Disposal(mm)** **X Paper Disposal Final(mm**	 650 108 660