



Plug-in Manual

Lino 630 Download Builder

Version 1.0.0.1
April, 2005

Xitron Part Number Doc-1012DLD 04/05

Overview

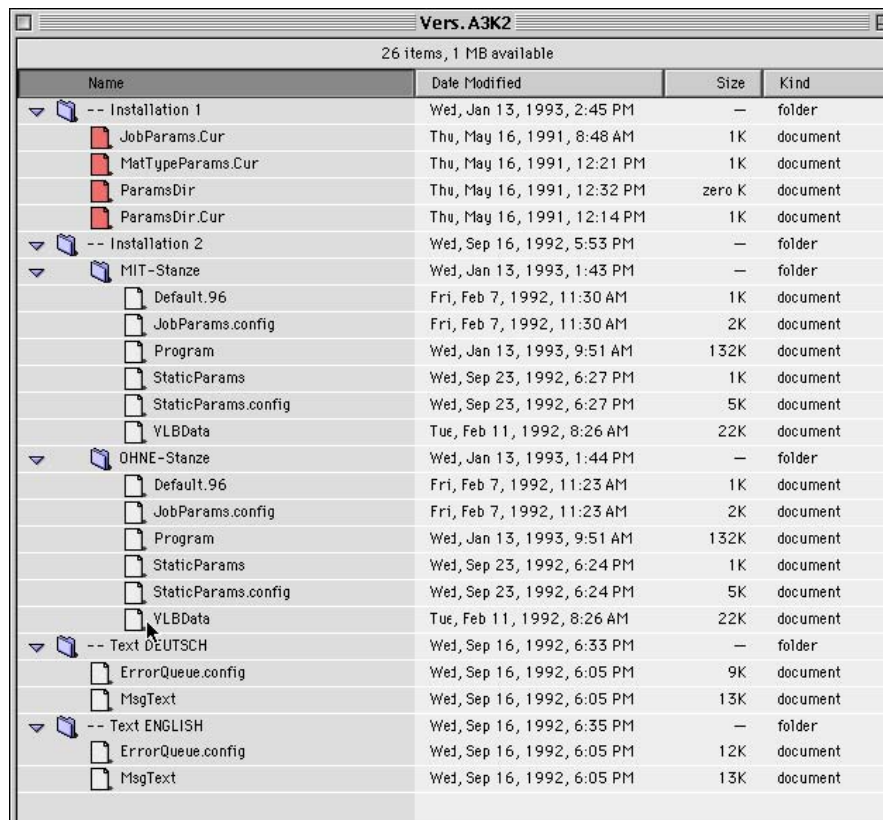
The Linotronic 630 differs from other Linotype recorders because it requires the download of special controlling software prior to imaging. DLDBuild, a utility installed with Xitron's Linotype plug-in, is an application that converts Linotype/Heidelberg software into a downloadable format recognized by the Linotype 630.

The software supplied by Heidelberg was typically distributed on a Mac-formatted 3.5 inch floppy and used by a Mac application interfacing with the Rip 50 or Delta. The application would then provide the information to the Linotronic RIP whenever the recorder requested the information (normally, once per power-up/reset).

The download process also includes parameters that require editing for each specific recorder. Xitron's DLDBuild application allows the user to edit these "Static Parameters." All new downloads will require setting the "Max Laser Current" and "Peltier Temperature." In addition, switches like "Using Online Processor" may also require modification.

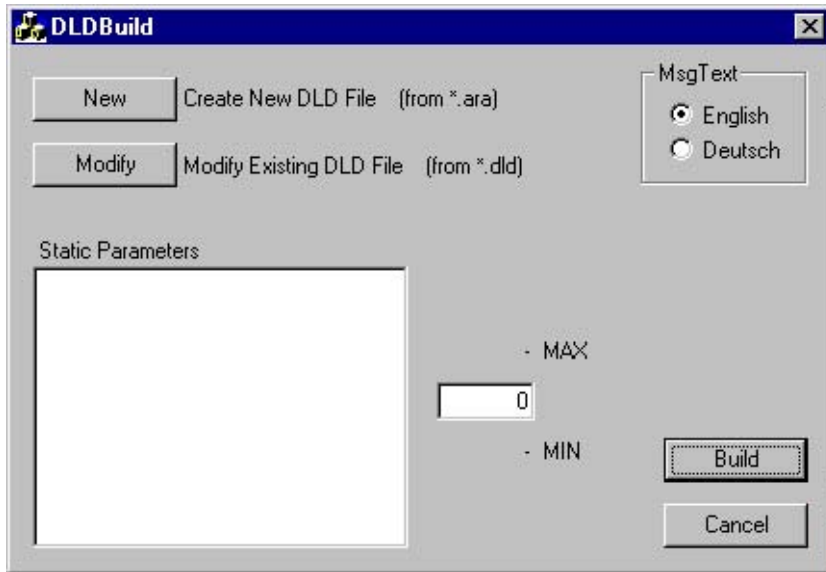
To use DLDBuild, copy the contents of the Mac floppy containing the download material to the Navigator platform. The transfer should include all files on the floppy - in the existing directory structure. DLDBuild will support both long and 8.3 file naming conventions.

After copying, the directory and structure shown below should be available on the Navigator platform:

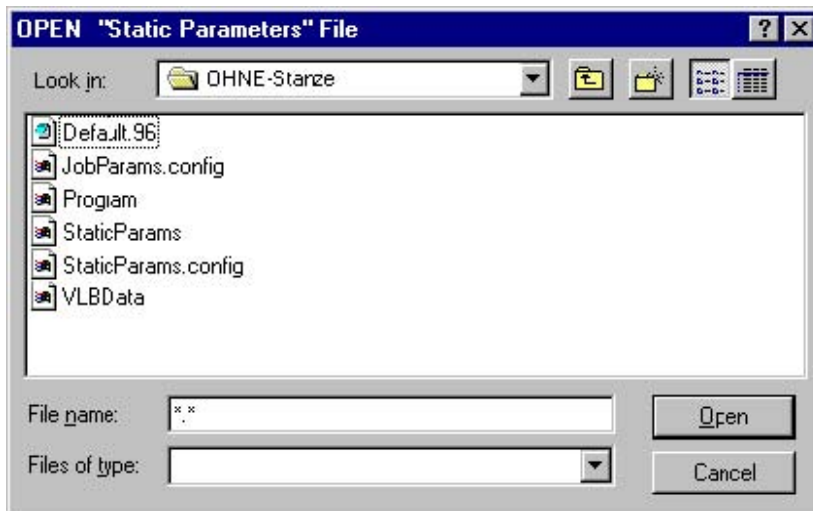


| Name | Date Modified | Size | Kind |
|---------------------|-----------------------------|--------|----------|
| -- Installation 1 | Wed, Jan 13, 1993, 2:45 PM | — | folder |
| JobParams.Cur | Thu, May 16, 1991, 8:48 AM | 1K | document |
| MatTypeParams.Cur | Thu, May 16, 1991, 12:21 PM | 1K | document |
| ParamsDir | Thu, May 16, 1991, 12:32 PM | zero K | document |
| ParamsDir.Cur | Thu, May 16, 1991, 12:14 PM | 1K | document |
| -- Installation 2 | Wed, Sep 16, 1992, 5:53 PM | — | folder |
| MIT-Stanze | Wed, Jan 13, 1993, 1:43 PM | — | folder |
| Default.96 | Fri, Feb 7, 1992, 11:30 AM | 1K | document |
| JobParams.config | Fri, Feb 7, 1992, 11:30 AM | 2K | document |
| Program | Wed, Jan 13, 1993, 9:51 AM | 132K | document |
| StaticParams | Wed, Sep 23, 1992, 6:27 PM | 1K | document |
| StaticParams.config | Wed, Sep 23, 1992, 6:27 PM | 5K | document |
| VLBData | Tue, Feb 11, 1992, 8:26 AM | 22K | document |
| OHNE-Stanze | Wed, Jan 13, 1993, 1:44 PM | — | folder |
| Default.96 | Fri, Feb 7, 1992, 11:23 AM | 1K | document |
| JobParams.config | Fri, Feb 7, 1992, 11:23 AM | 2K | document |
| Program | Wed, Jan 13, 1993, 9:51 AM | 132K | document |
| StaticParams | Wed, Sep 23, 1992, 6:24 PM | 1K | document |
| StaticParams.config | Wed, Sep 23, 1992, 6:24 PM | 5K | document |
| VLBData | Tue, Feb 11, 1992, 8:26 AM | 22K | document |
| -- Text DEUTSCH | Wed, Sep 16, 1992, 6:33 PM | — | folder |
| ErrorQueue.config | Wed, Sep 16, 1992, 6:05 PM | 9K | document |
| MsgText | Wed, Sep 16, 1992, 6:05 PM | 13K | document |
| -- Text ENGLISH | Wed, Sep 16, 1992, 6:35 PM | — | folder |
| ErrorQueue.config | Wed, Sep 16, 1992, 6:05 PM | 12K | document |
| MsgText | Wed, Sep 16, 1992, 6:05 PM | 13K | document |

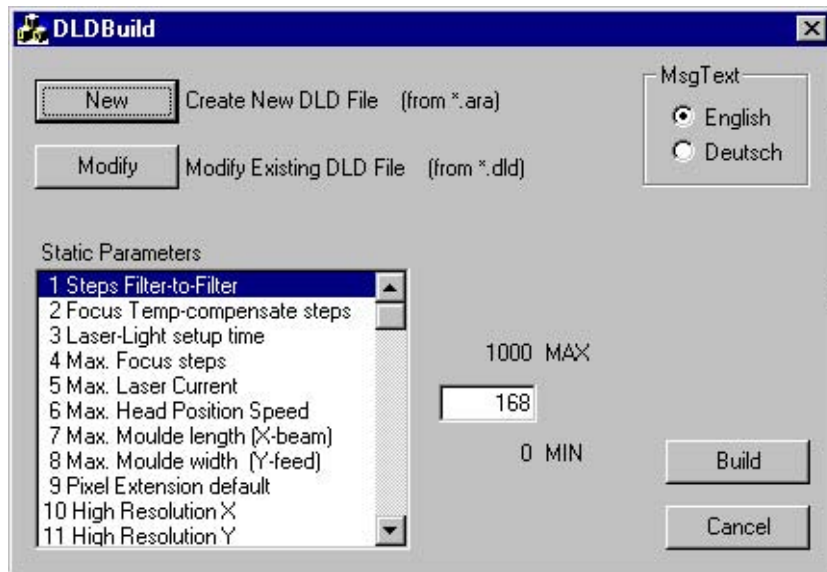
As mentioned earlier, the DLDBuild application appears in the RIP's Utilities folder after plug-in installation. Double-click the DLDBuild icon. The following dialog will appear:



Use the "Msg Text" control to select the download language, English or German. This control is only valid when creating a new Lino630.DLD using the "New" button. To build a new DLD, click on the "New" button after selecting the desired language. An "Open File" dialog will appear. Path to the contents of the Lino 630 download diskette previously copied to the RIP platform. Locate the "Static Parameters" file in the directory structure. This file will normally be located in the folder "Installation 2\Mit-Stanze" or "Installation 2\OHNE-Stanze," depending upon the presence of a Punch in the Lino 630 (OHNE means without).



Double-click the "Static Params" file. DLDBuild will find the remaining files and present the following dialog:



Change the static parameters in the download by selecting the parameter to be changed and typing the desired value in the box just to the right. As mentioned earlier, parameter number 5, “Max. Laser Current,” will almost always need to be modified because the value supplied by Heidelberg is 0. Use a setting of 325 to start. Also, parameter number 51, “Peltier Center-temperature” will also need to be set for the same reason (try 126).

Once the parameters are satisfactory, click the “Build” button to create the “Lino630.DLD” file used in the Xitron interface. The DLD file will be placed in the same folder as the “Static Params” file and must be copied to the correct folder before operation. Copy the file to the same folder as the Xitron plug-in (“Lino.I32”) file. Typically, this will be in “sw\device\lino.”

If it is necessary to change static parameters in an existing “Lino630.DLD” file, use DLDBuild to open the file and change the parameters. Click on “Modify” and locate the “Lino630.DLD” file to be changed. Ensure that the “Static Params.Config” file is located with the DLD. Static Params.config is needed by DLDBuild to correctly edit the parameters. The simplest way is to always “Modify” within the same folder in which the Lino630.DLD was created.