TECHNICAL BULLETIN

CONTACTS:
(604) 451-2720

Brian Ulrich
Ext 3495

Steve Froese
Ext 3657

IMAGING M3000 PLATES ON THE VLF TRENDSETTER & PLATESETTER

Setup

M3000 plates need to be imaged to within 0.24" of the plate's trailing edge and 0.300" of the plate's leading edge (with respect to the press cylinder). To accommodate these plates on the VLF Platesetters and Trendsetters, the plate must be imaged upside down so that the plate's tail (press trailing edge) is under the VLF leading edge clamps.

In order to properly image M3000 plates, you must be running Creo Allegro RIP software version 1.6b for the VLF Platesetter and version 1.1a or 1.6b for the Trendsetter. These software versions contain the correct page information to position and size your image on the plate. If your machine is not running these versions and you want to image M3000 plates, please contact the Response Centre.

If you are planning on running M3000 plates but are using earlier software versions, the recorder may not properly image the plates. Installing the current software versions will automatically configure your system. In your imposition software, you must ensure that you set up the appropriate page rotations where applicable.

Portrait Loading & Plate Shear

The VLF Platesetter is capable of imaging M3000 plates in landscape orientation only, while the VLF Trendsetter can image the plates in either landscape or portrait orientation.

If you are planning to run M3000 plates in portrait on a VLF Trendsetter, you must purchase a special shear. Please contact your local sales representative. Since plates are not cut completely square at the factory, any loading registration done on the unsheared plates will often result in a slightly rotated image. Shearing the short leading edge of the plate will ensure that you get a square edge on the plate, which will allow the recorder to register the plate squarely, resulting in a non-rotated and registered image.

Punch Setup

The punch must use the same registration points as the Creo VLF device in order to obtain the benefits of the precision offered by the Creo imaging technology. These points are shown in the diagram below. This punch configuration is used for both landscape and portrait imaging options.

CREO...SETTING THE IMAGE OF THE FUTURE

Copyright © 1998 by Creo Products Inc.