**CONTACT:**
(604) 451-2720
**Steve Froese**
Ext 3657

# LABEL PLACEMENT FOR PROPER PLATE ALIGNMENT ON THE TRENDSETTER 3244 Output Device

**Intended Audience: Creo Service**

This bulletin describes the procedure for placing labels on the glass load ramp on the Trendsetter 3244 recorder.

Eight labels are included with the *Trendsetter 3244 and Trendsetter 3230 Operator Manual* when Trendsetter 3244s are shipped. The thin blue line on the labels indicates the theoretically correct location for the plate edge. The thick blue line indicates the acceptable range of plate edge locations. The part number for labels is 74-3114A.

You should place each label so that either the left or right edge of a plate lines up with it. For more accurate registration, we recommend using the left edge. There are three pins on the drum cylinder that are used to register plates. Plates wider than 22 inches use the two outside pins, and plates narrower than 22 inches use the right pin and middle pin. Therefore, the right edges of a 14-inch plate and a 24-inch plate would be located at about the same spot, while the left edges would be quite far apart.

## To place labels on the load ramp:

1. Determine which sizes of media you will run through the output device.

   The range of media widths (indicated below by *w*) that you can image is from 13 to 44 inches (330.2 to 1117.6 mm).

2. Calculate the values of *x* (if using the left plate edge) or *y* (if using the right plate edge) for each width of media, as indicated below.

| | | | | |
|---|---|---|---|---|
| **Inches:** | if | $22 \le w \le 44$ | then | $x = y = 24.8 - (w/2)$ |
| or, | if | $13 \le w < 22$ | then | $x = 29.4 - (w/2)$ and $y = 20.2 - (w/2)$ |
| **Millimeters:** | if | $558.8 \le w \le 1117.6$ | then | $x = y = 631 - (w/2)$ |
| or, | if | $330.2 \le w < 558.8$ | then | $x = 748 - (w/2)$ and $y = 514 - (w/2)$ |

   These values ensure the middle of the plate is halfway between the corresponding pins.

CREO...SETTING THE IMAGE OF THE FUTURE


Copyright © 1997 by Creo Products Inc.

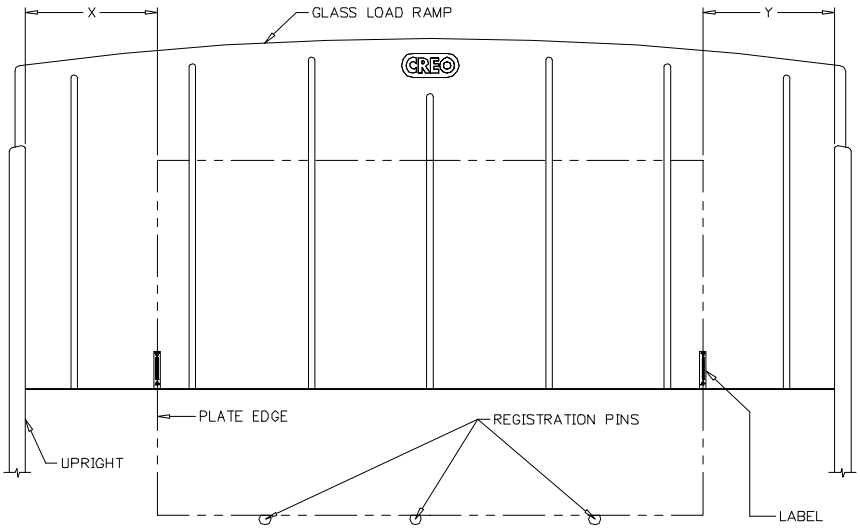



Figure 1: Glass Load Ramp

3. There is about 1/8" (1 mm) of play from left to right in the load ramp position. Move the load ramp to the middle of the range.
4. Measure off either *x* or *y*, and put a faint pencil mark on the load ramp at this position.
5. About an inch outboard of where the pencil mark is located, lift the load ramp and slip two or three sheets of paper between the load ramp and the aluminum panel immediately below it.
6. Place a label between the load ramp and aluminum panel so that the center line on the label is located at the pencil mark, and the short line near the bottom of the label is at the bottom edge of the load ramp.
7. Using a plate as a guide, carefully align the label with the edge of the plate.
8. Press the label against the load ramp, removing any air bubbles.
9. Remove the paper shim, and check the location of the label.
10. Repeat steps 4-9 for all media sizes.
11. Perform the >>**`plot edge`** command 20 times.

    Ensure the correct plate width (in millimeters) is entered in **`>>set state plate_loc d ssz`**.
12. If the procedure fails more than twice, ensure that you performed the label placement procedure properly.

    If you affixed the labels correctly, then make sure:

    a) the edge detection strip is clean.

    See *Cleaning the Edge Detection Strip* in Chapter 4 of the *Trendsetter 3244 and Trendsetter 3230 Operator Manual* for instructions.

    b) the edge detection strip is not damaged.

    c) the focus laser is aligned with the edge detection strip.

 Copyright © 1997 by Creo Products Inc. 

d) the **esearch** and **wsearch** parameters are properly adjusted to provide the best trade-off between edge detection time and load/registration accuracy.

For information on esearch, see **http://intranet.creo.com/support/firmware/CTP/documentation/nvs/carriage_cfg_esearch.html** on the Intranet. For information on wsearch, see **http://intranet.creo.com/support/firmware/CTP/documentation/nvs/carriage_cfg_wsearch.html** on the Intranet.


Copyright © 1997 by Creo Products Inc.