Placing plate alignment labels on Trendsetter 400/800 (MCE)

Applies to

☑ Trendsetter 400/800 - TSM (MCE)

Background

Use this procedure for placing labels on the glass load ramp on the Trendsetter 400/800 - MCE version.

Eight labels are included when the Trendsetters 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. 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 four pins on the drum cylinder that are used to register plates. Plates wider than 22 inches use the two outside pins, plates between 13 and 22 inches wide use the home and third pin, and plates narrower than 13 inches use the home pin and second 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..

Tools and parts

- 74-3114A - plate alignment labels

Steps

To place labels on the load ramp:

1. Determine which sizes of media are to be used with the device. The range of media widths (indicated below by *w*) that you can image is from 9 to 45 inches (228.6 to 1143 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.

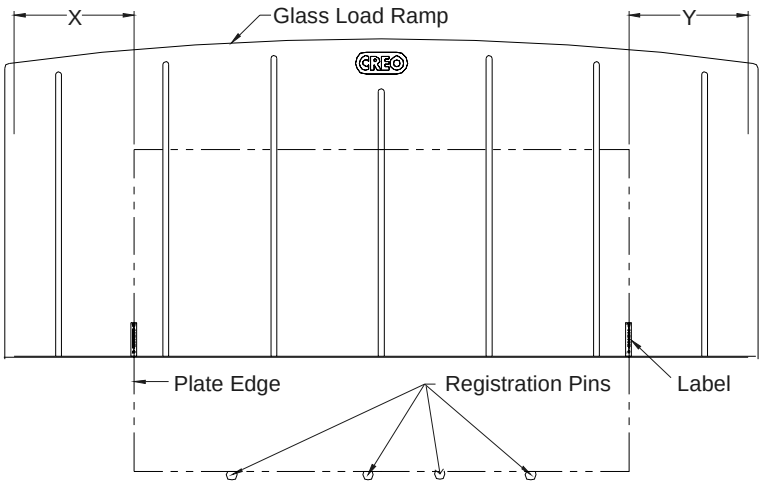
   These values ensure the middle of the plate is halfway between the corresponding pins. Work in either inches or millimeters.

   Inches:

Plate width (*w*)	***X* (left plate edge)**	***Y* (right plate edge)**
w > 22	x = 24 - (w/2)	y = 24 - (w/2)
13 < w ≤ 22	x = 28.5 - (w/2)	y = 19.3 - (w/2)
9 ≤ w ≤ 13	x = 32.2 - (w/2)	y = 15.6 - (w/2)

   Millimeters:

Plate width (*w*)	***X* (left plate edge)**	***Y* (right plate edge)**
w > 558.8	x = 607.5 - (w/2)	y = 607.5 - (w/2)
330 < w ≤ 558.8	x = 724.5 - (w/2)	y = 490.5 - (w/2)
228.6 ≤ w ≤ 330	x = 818 - (w/2)	y = 397 - (w/2)



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. Place a label on the load ramp so that the centerline 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.
6. Using a plate as a guide, carefully align the label with the edge of the plate.
7. Press the label against the load ramp, removing any air bubbles.
8. Repeat steps 4 to 7 for all media sizes.
9. Perform the **`>>edge test`** command 20 times.

   Ensure the correct plate width (in millimeters) is entered in >>**`load args`**
10. 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:

    - the edge detection strip is clean
    - the edge detection strip is not damaged
    - the focus laser is aligned with the edge detection strip

Technical contact Steve Froese

Date submitted 30 Jan 2003

Date modified