Kodak

Trendsetter 400/800 III
Plate Loading Position Guide

1. BACKGROUND

Starting with serial number TG0421, there are four registration blocks on the Kodak® Trendsetter® 400/800 III platesetter drum that are used for registering a plate. For proper registration, the plate must sit on two of the blocks. The registration block combination that a plate must sit on depends on the subscan size (width) of the plate.

This document describes how to determine the loading position for different plate sizes. After determining the loading position for a plate size, use the plate alignment labels (shipped with the Trendsetter) to mark the locations on the glass load ramp or plate bay.

Repeat the process for all the plate sizes used by a customer.

2. TOOLS AND PARTS REQUIRED

- Measuring tape
- Plate alignment labels (part number 74-3181A)
- Sample plate of each size used by the customer

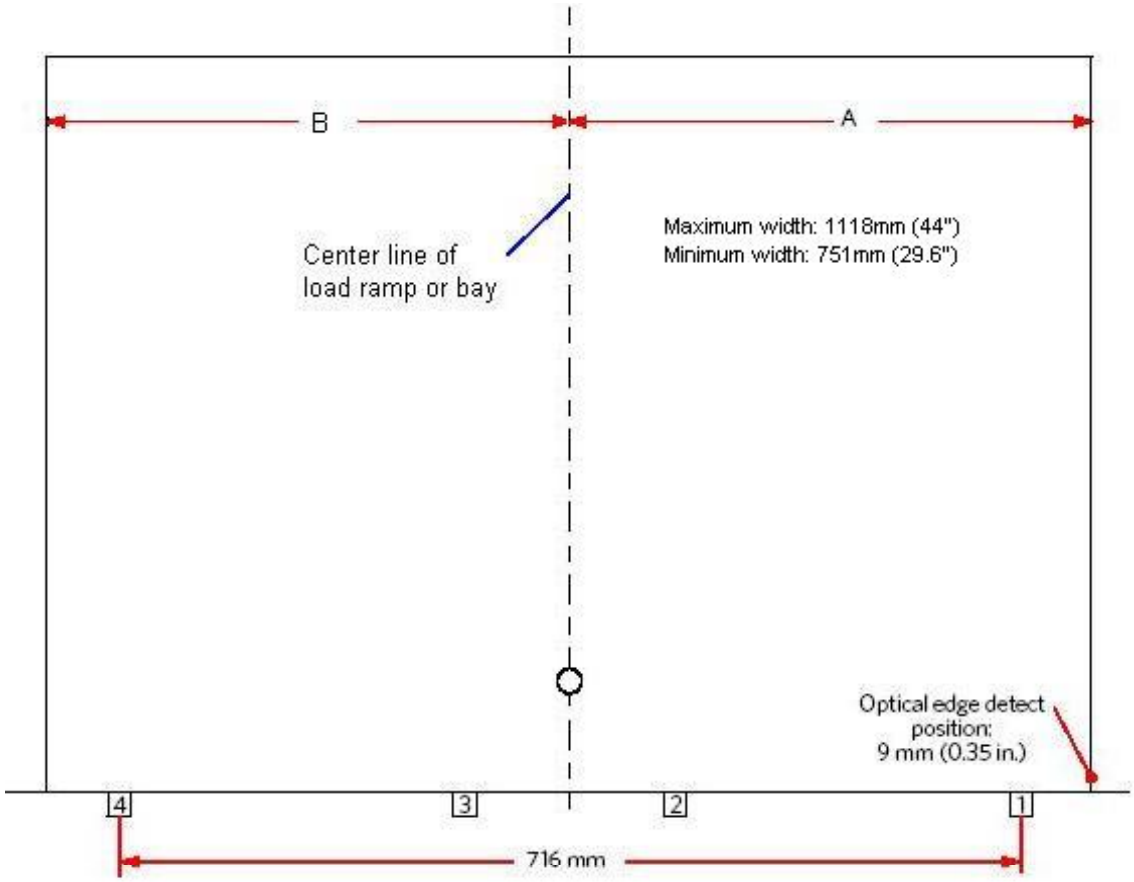
3. DETERMINING THE LOAD POSITION

The section describes how to calculate the position for the following plate widths:

- 751 mm (29.6 in.) to 1118 mm (44 in.)
- 451 mm (17.8 in.) to 750 mm (29.5 in.)
- 289 mm (11.4 in.) to 450 mm (17.7 in.)
- 215 mm (8.5 in.) to 288 mm (11.3 in.)

3.1 Plate widths between 751 mm (29.6 in.) and 1118 mm (44 in.)

The plate should sit on registration blocks 1 and 4, and it should be centered on the load ramp or in the load bay.

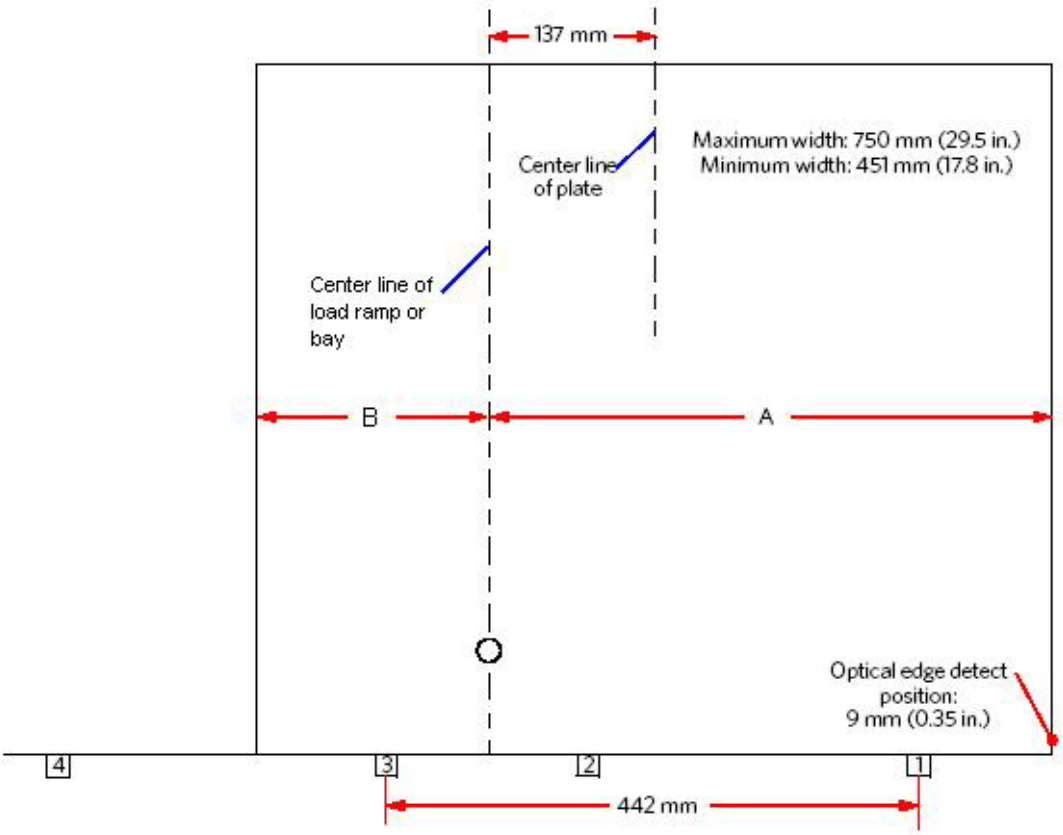


Calculate distances A and B from the center of the load ramp or bay with the following formula:

A = B = ½ subscan size

3.2 Plate widths between 451 mm (17.8 in.) and 750 mm (29.5 in.)

The plate should sit on registration blocks 1 and 3, and its position should be offset by 137 mm (5.39 in.) towards the home side on the load ramp or in the load bay.



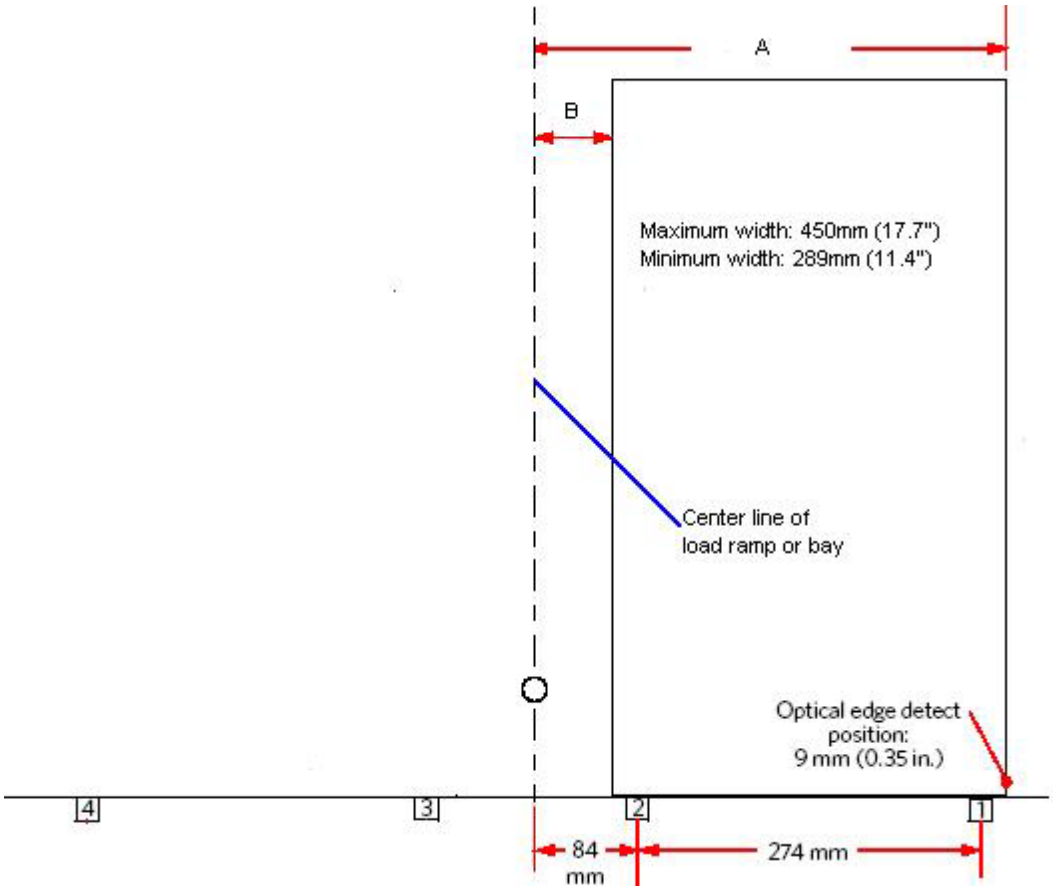
Calculate distances A and B from the center of the load ramp or bay with the following formula:

A = 137 mm + ½ subscan size

B = ½ subscan size – 137 mm

3.3 Plate widths between 289 mm (11.4 in.) and 450 mm (17.7 in.)

The plate should sit on registration blocks 1 and 2, and its position should be offset by 221 mm (8.70 in.) towards the home side on the load ramp or in the load bay.



Calculate distances A and B from the center of the load ramp or bay with the following formula:

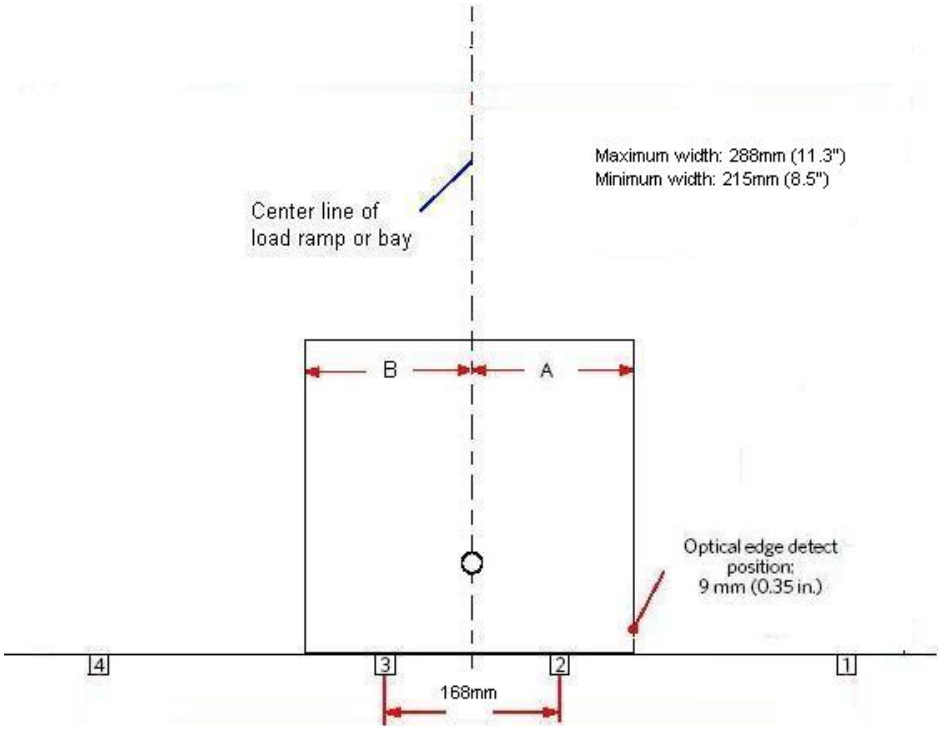
A = 221 mm + ½ subscan size

B = 221 mm – ½ subscan size*

***If the value of B is negative, it means that the distance is to the left of the centerline.

3.4 Plate widths between 215 mm (8.5 in.) and 288 mm (11.3 in.)

The plate should sit on registration blocks 2 and 3, and be centered on the load ramp or in the load bay.



Calculate distances A and B from the center of the load ramp or bay with the following formula:

A = B = ½ subscan size

4. PLACING THE ALIGNMENT LABELS

1. Based on the calculation above for a plate size, measure the distances A and B from the center of the load ramp or bay and put a faint pencil mark at each position.
2. On a base Trendsetter, open the exit door and place a plate between the pencil marks. On a Trendsetter Autoloader, place the plate in the bay between the pencil marks.
3. Using the plate as a guide, line up the labels at the two upper corners of the plate and press the label against the load ramp or bay.
4. Repeat the steps above for each plate size required.