

□ This is very similar to the unit that is used with the B234 series. The color of the covers is the only difference.



No additional notes



No additional notes



B835 service manual, section 2.1

□ For the component names, see the service manual.



B835 service manual, section 2.2.1

- Tray lift motor (not shown): Lifts the bottom plate just after the paper set sensor (not shown) detects paper in the tray
- Bottom plate position sensor: Detects when the paper is at the correct feed height
 - The tray lift motor lifts the bottom plate again if the actuator leaves the bottom plate position sensor during paper feed, to bring the top of the stack to the correct height



B835 service manual, section 2.2.1

□ Transport motor: Also see the next slide



B835 service manual, section 3.2

□ Point out the motors and what they do.



B835 service manual, section 2.2.2

- □ The actuator is on the bottom plate drive shaft. The shaft turns slowly when paper is used up, because the paper lift motor uses this bottom plate to lift the paper to the correct position for feed.
 - The bottom plate position sensor detects when the plate must be lifted again.
- □ The actuator enters the upper limit sensor when it has lifted the stack up to a certain position, meaning that the stack thickness has become very low.
- □ The end sensor is shown on the 'Size detection' slide.



B835 service manual, section 2.2.3

- □ Mixed sizes cannot be accepted.
- Note that some cover sheets have holes cut in them about 3/4 of the way up the page, so that the title of the document (on the sheet below the cover) can be viewed through this hole. The size of these types of cover sheets can be detected, because the width sensor is based on the side fence positions. But, the end sensor is in a location that might be below the holes in the cover sheets. In this case, these cover sheets cannot be detected by the feeder, unless the user puts a piece of paper over the sensor (then, paper end is not detected).

Size Detection

- There is no SP mode to determine how the machine detects certain paper sizes that are very similar.
- □ The machine detects the paper size automatically using the sensors.
 - For paper sizes that are similar, the machine has a default. If the customer uses a paper size that is similar to but different from the default, and the machine does not detect the size correctly, they can press the Tray Paper Settings button on the operation panel, and select the paper size that they are using.
 - This system also operates for other paper trays, such as the bypass tray and the A3/DLT LCT.

Slide 10

No additional notes



B835 service manual, section 1

- □ Have the class do the procedures in the manual.
- Make sure that the class obeys all warnings, cautions and important notes in the manual.
- □ Note the purpose of the guide plate adjustment, as mentioned in the procedure in the service manual (section 1.2).