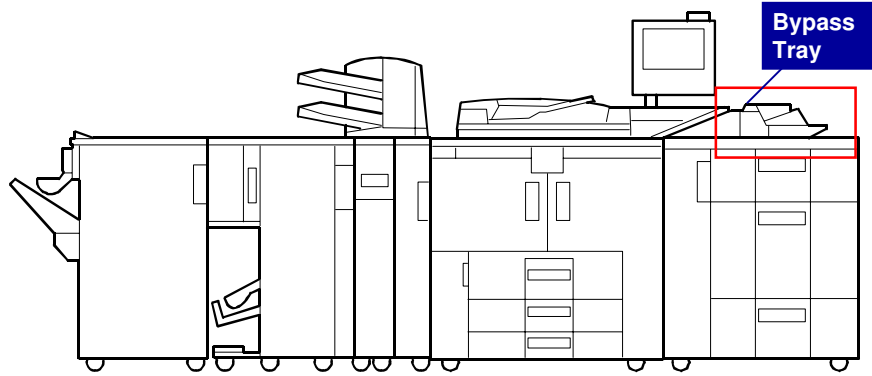


RICOH**D101/D102/D103 SERIES
TRAINING****OPTIONAL BYPASS TRAY (B833)**

Slide 1

- ❑ This the same as the B234 series.
 - Clutches have been replaced with motors.
 - An additional paper width sensor is added for detection of wider paper.

Where does it go in the machine?



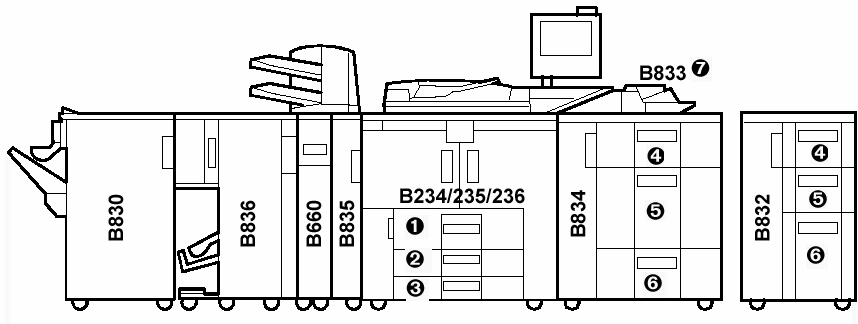
- ☐ On top of the optional LCT.
- ☐ Paper feeds through the optional LCT into the machine.
- ☐ As a result, the bypass tray cannot be installed without an optional LCT.

Slide 2

No additional notes

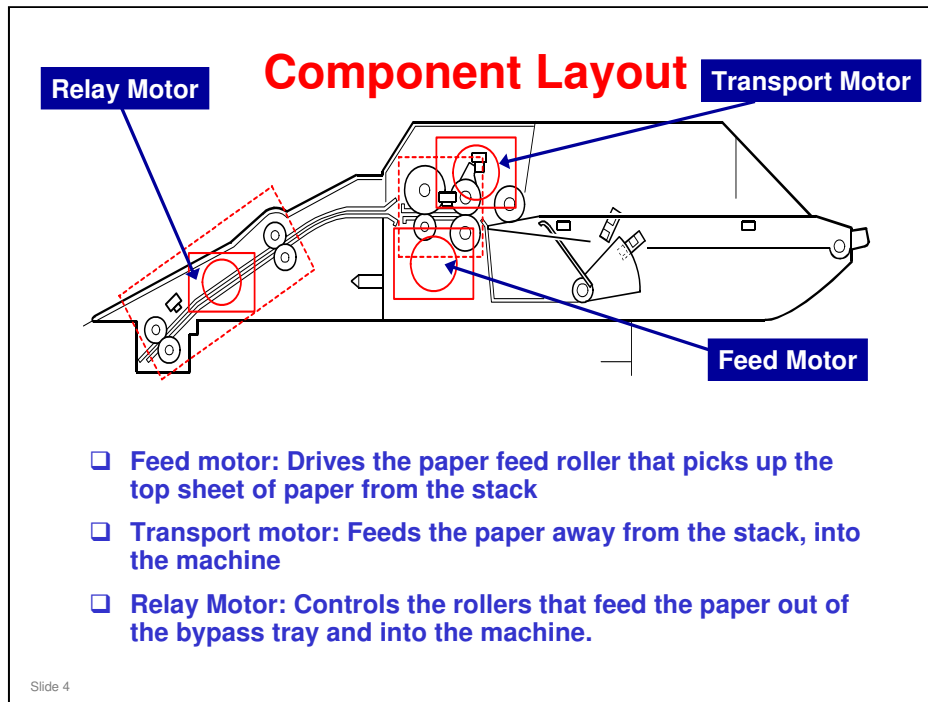
Tray Number 7

- The machine recognizes the bypass tray as tray 7.



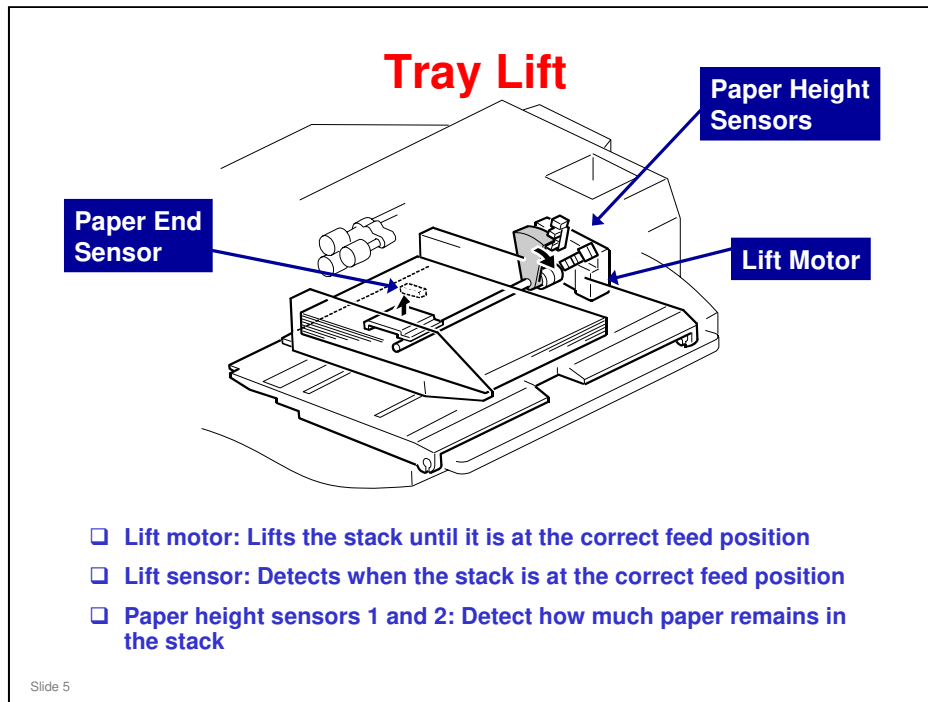
Slide 3

No additional notes



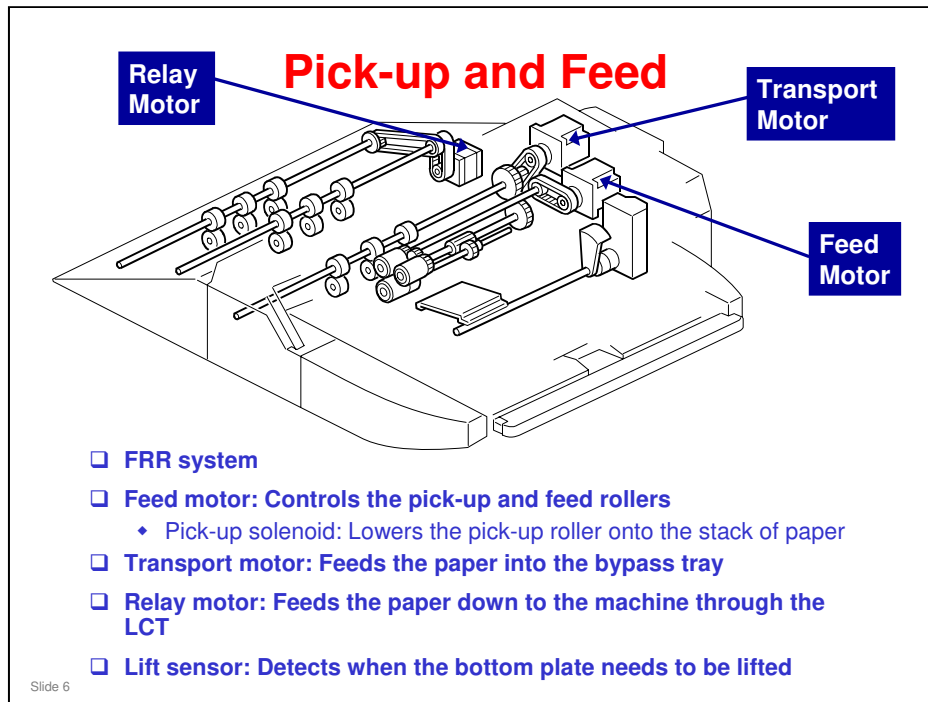
B833 service manual, section 3-1

- ☐ Point out the main components of this machine.



B833 service manual, section 2-1

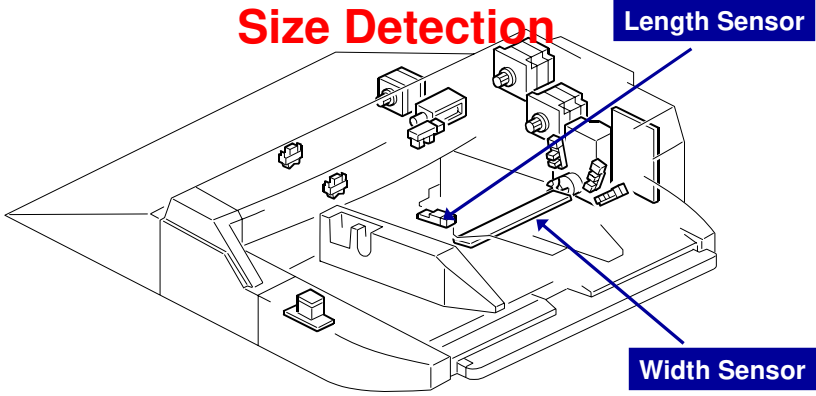
- ❑ The lift sensor is not shown on this diagram. Have the class look for it in the electrical component layout diagram. We will also see it on the next slide.
- ❑ The tray lift switch must be pressed at the start of the job to lift the top of the stack to the correct position for paper feed. Tray lift is not automatic after paper detection.
- ❑ However, the motor will lift the tray just after the main machine has been switched on, if there is paper in the tray.
- ❑ The service manual explains how the paper height sensors work.



B833 service manual, section 2-2

- ❑ The lift sensor is deactivated when the pick-up roller drops lower than the acceptable level, in other words, when the top of the stack has dropped below the acceptable level. The lift motor then lifts the stack.

Size Detection



- ❑ Width and length sensors detect the paper size.
- ❑ Width sensor: Attached to the side fences
- ❑ Some sizes cannot be detected. In such cases, input the size at the operation panel (press Tray Paper Settings to access the size setting screen).
 - ◆ The table in the service manual shows which sizes cannot be detected.
 - ◆ For example, 13" x 19" cannot be detected automatically. The machine detects it as 12" X 18", unless you use the Tray Paper

Slide 7

B833 service manual, section 2-3

- ❑ The main points are on the slide.

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 cover interposer tray and the A3/DLT LCT.

Slide 8

- ❑ 13 x 19" paper is included as a paper size in the manual. The bypass tray can use this paper size, but it is not recommended for the Bellini-C3 because of problems during quality tests by the designers.

Replacement and Adjustment

- ❑ **Do the procedures in section 1 of the B512 service manual.**
 - ♦ When you move the LCT with the bypass tray attached, do not pull or push on the bypass tray.
 - » Follow the instructions in the manual (section 1.1), to prevent damage to the bypass tray.
 - ♦ Bypass tray PCB (section 1.5): The connectors are identical. Mark them when you disconnect them, so that you do not connect them incorrectly.

Slide 9

B833 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.
- ❑ Feed rollers: The rollers have one way clutches that turn in opposite directions, so make sure that each roller goes in the correct place.