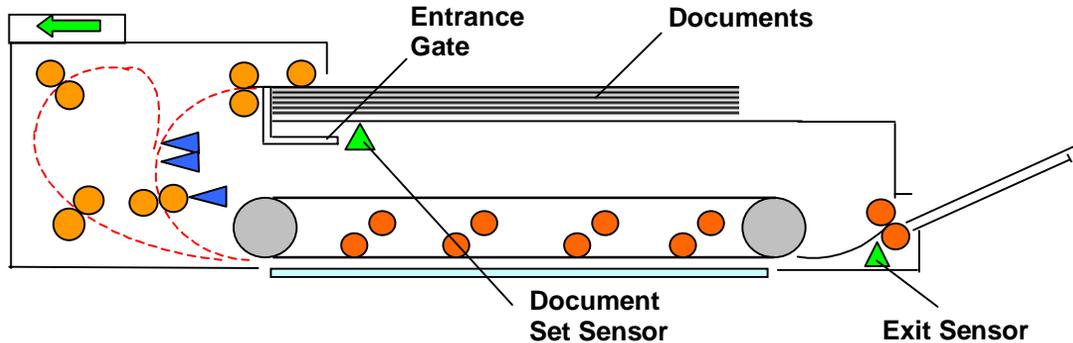


Document Loading - Document Handling Module

Document Loading

The operator loads the original documents face up into the Input Tray Assembly. The operator aligns one edge against the Rear Paper Guide and moves the documents to the left until the documents stop against the Entrance Gate.



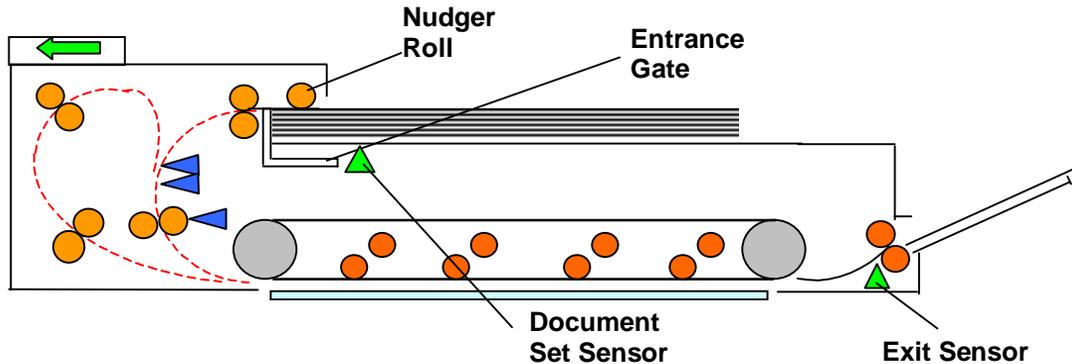
The Entrance Gate is raised and lowered by an Entrance Gate Solenoid. The Entrance Gate is in the raised position for any of the following conditions:

- There are no documents covering the Document Set Sensor.
- The trail edge of the last document passes the DADF Exit Sensor.
- The machine runs through the Power Up Sequence.

Document Loading - Document Handling Module

Document Loading (continued)

The DADF Document Set Sensor senses when documents are loaded into the Input Tray Assembly. A green arrow appears in the LED window at the top back cover of the DADF to indicate proper document loading of the DADF. When the Entrance Gate is in the raised (up) position, it also holds up the Nudger Roll so that documents can be loaded into the Tray.



When the Start Button is pressed on the machine, the Entrance Gate Solenoid energizes downward for 300 ms, and the solenoid magnetically latches in that position. In this position, the solenoid holds the Entrance Gate down, allowing documents to be fed past the Gate. This Gate remains down for the entire copy job.

After the last document has passed the DADF Exit Sensor, the DADF Control PWBA energizes the Entrance Gate Solenoid in the up direction, causing it to release the Entrance Gate. The solenoid latches in the up position.