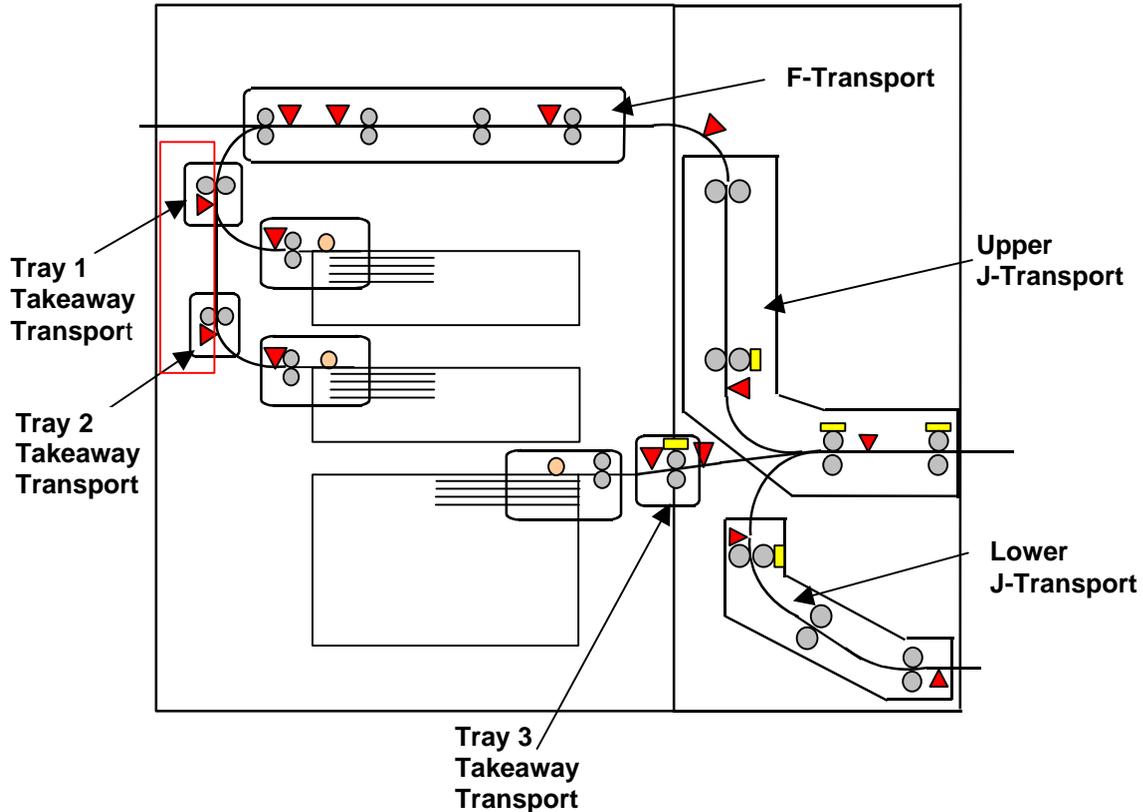


Transports - Paper Handling Module

Paper Handling Transports Overview

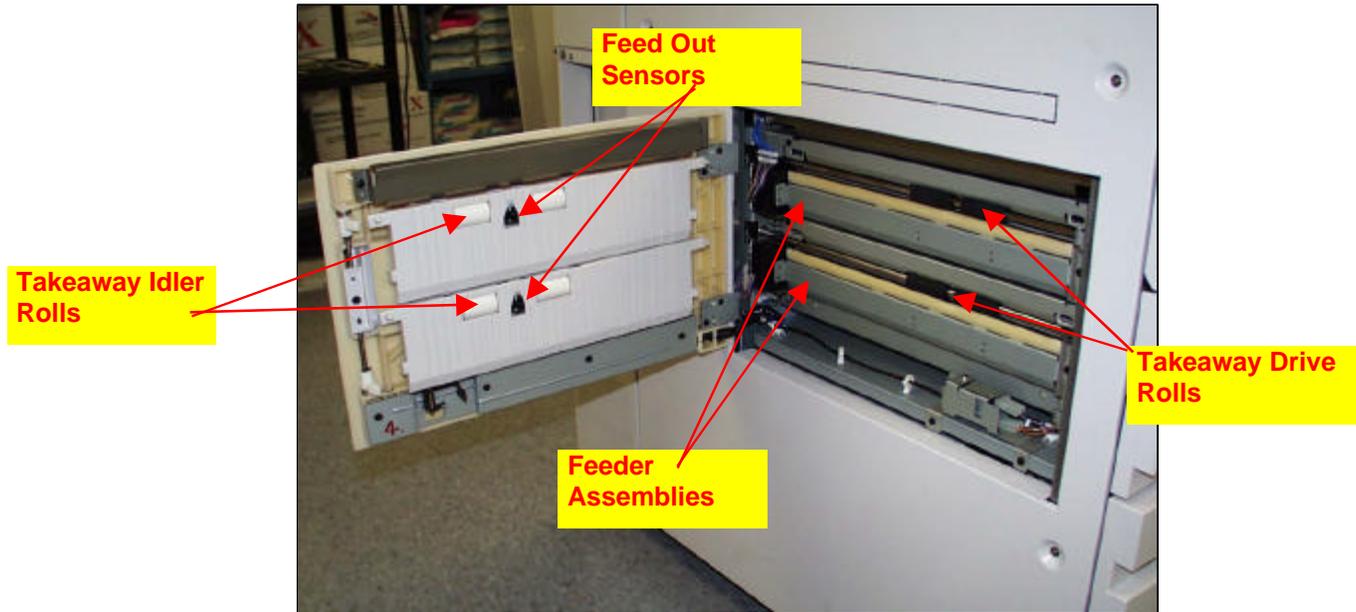
The Paper Tray Module has six transports. They are, the F-Transport, three Takeaway Transports and the Upper and Lower J-Transport.



Transports - Paper Handling Module

Tray 1 and 2 Takeaway Transports

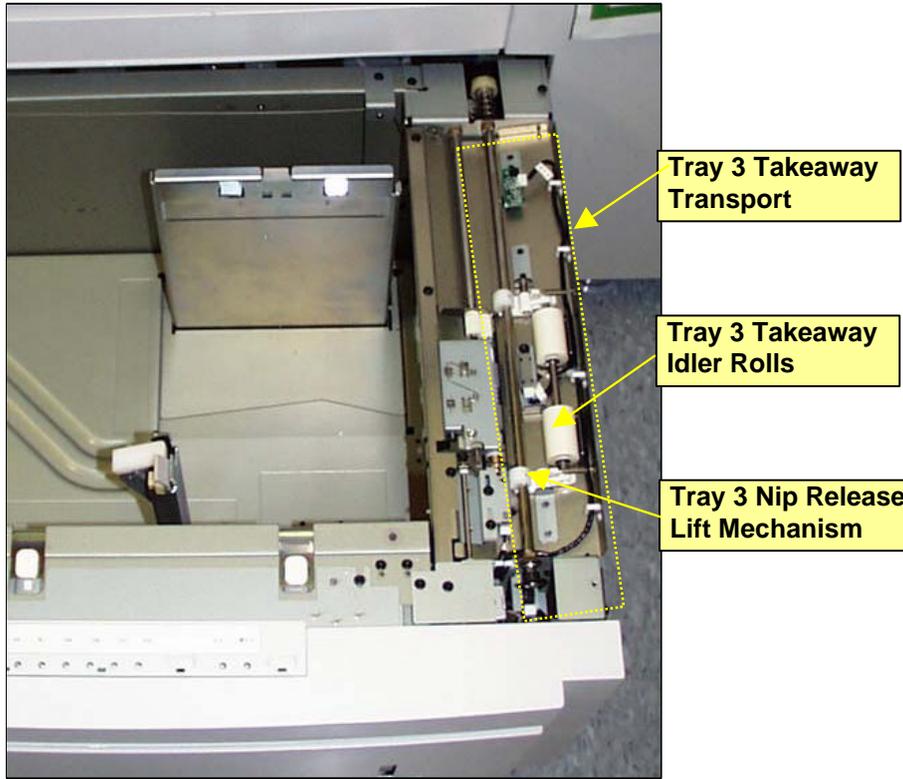
The Tray 1 and 2 Takeaway Transport consists of a Drive Rolls located above the Feeder Assemblies and the Takeaway Idler Rolls and Feed Out Sensors located on the Left Hand Cover. The sensors monitor the paper as the Takeaway Transports move it into the F-Transport



Transports - Paper Handling Module

Tray 3 Takeaway Transport

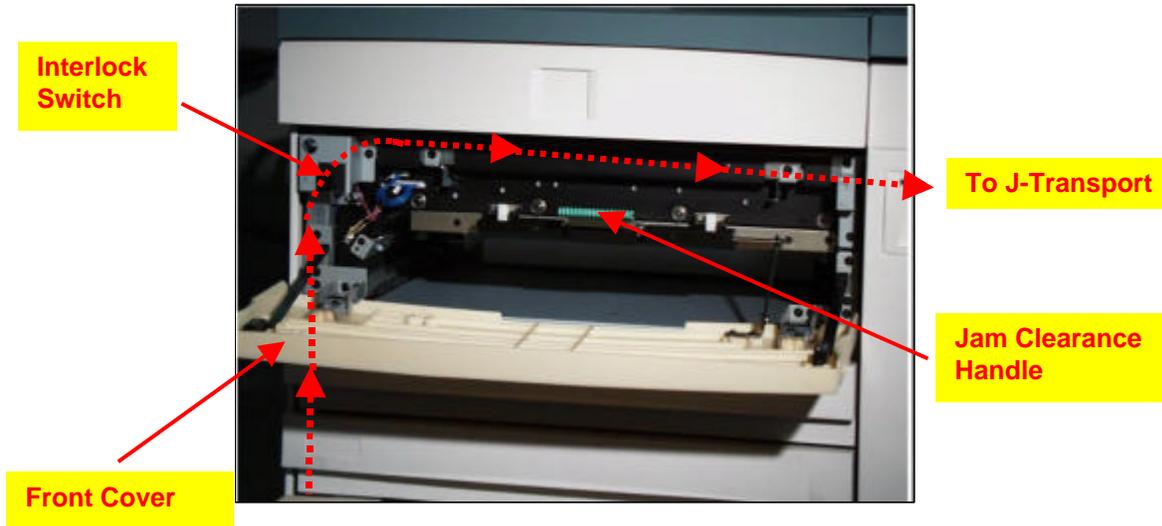
The Tray 3 Takaway Transport moves the paper from Tray 3 to the J-Transport. Sensors in the transport assembly monitor the paper as it enters and leaves the takeaway rolls. The sensors provide information to the control logic for jam detection and nip release control. The Tray 3 Takeaway Drive Rolls (located under the Tray 3 Idler Rolls) moves the paper. A Nip Release Motor drives a mechanism to lifts the idler roll when the lead edge of the paper reaches the next set of rolls in the J-Transport.



Transports - Paper Handling Module

F-Transport

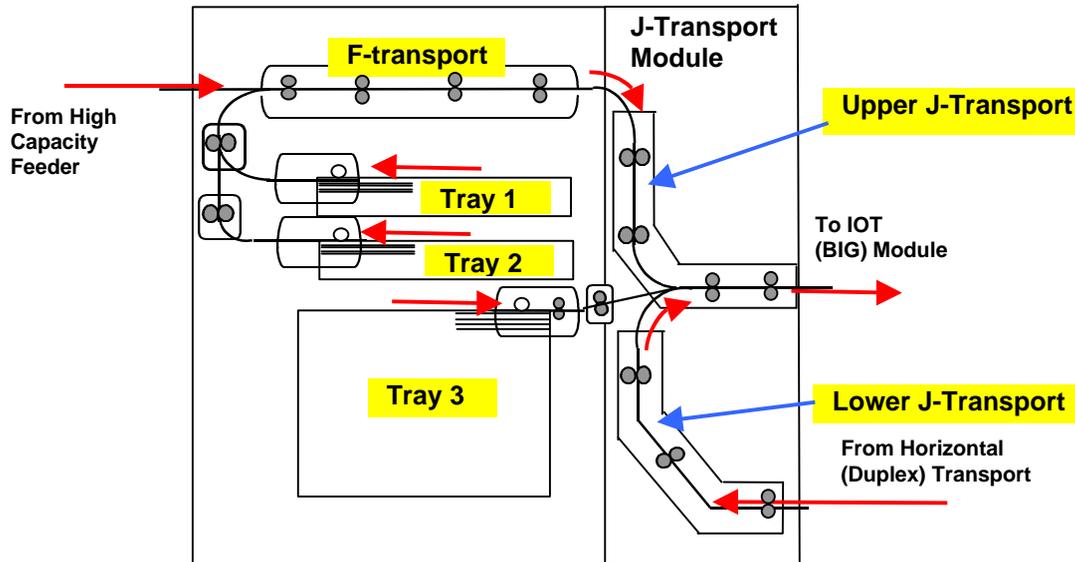
The F-Transport moves paper from Tray 1 and 2 takaway roll to the J-Transport. Opening the Front Cover provides access to the F-Transport. An Interlock Switch interrupts +5 VDC to the machine if the cover is opened. A jam clearance handle unlatches the lower F-Transport baffle for clearing paper jams.



Transports - Paper Handling Module

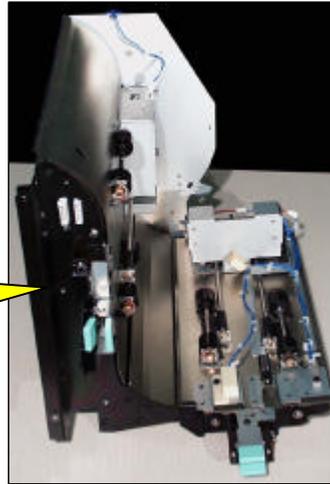
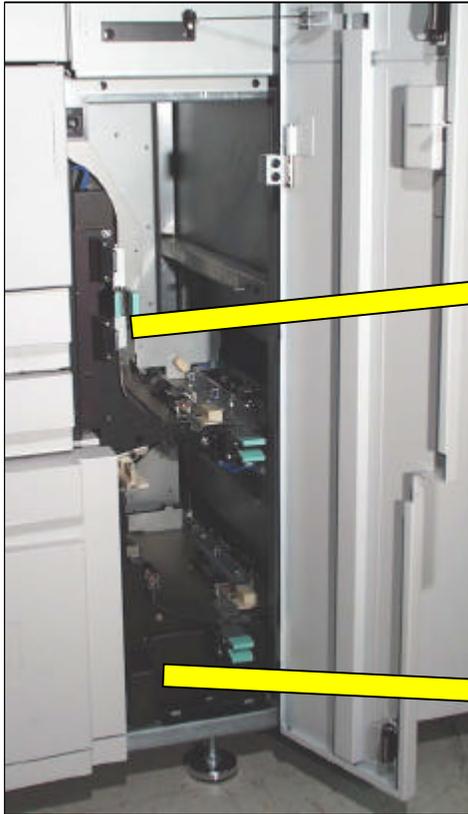
J-Transport

The J-Transport Module is physically attached to the Paper Handling Module and moves the paper to the IOT Module. There are two transports in the J-Transport Module, **Upper J-Transport** and **Lower J-Transport**. The Upper J-Transport 1 receives paper from the F-Transport in the Paper Handling Module and moves it to the IOT Module. The Lower J-Transport receives side-one copies from the Horizontal Transport in the IOT Module and moves them back into the IOT Module. The Tray 3 Takeaway Rolls feeds paper directly into J-Transport. The figure below shows the paper flow within the J-Transport Module



Transports - Paper Handling Module

J-Transport (continued)



Upper J-Transport



Lower J-Transport