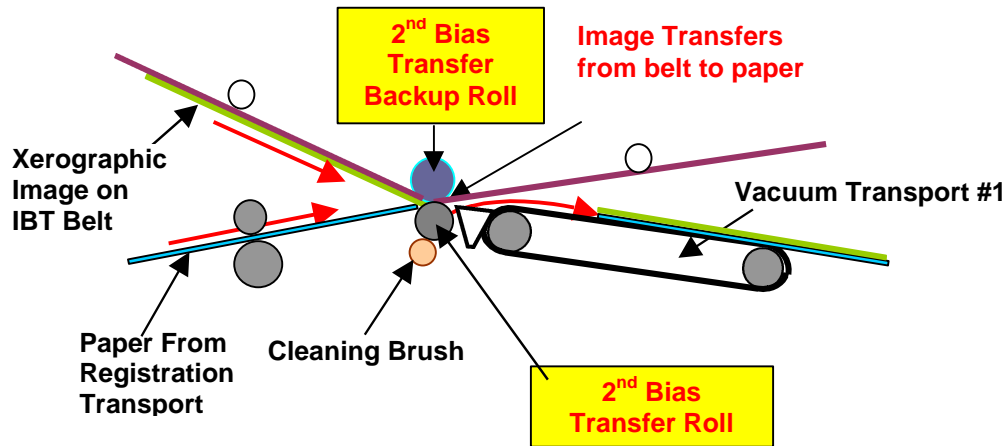


Paper Transportation - IOT Module Transports

Second Bias Transfer Roll

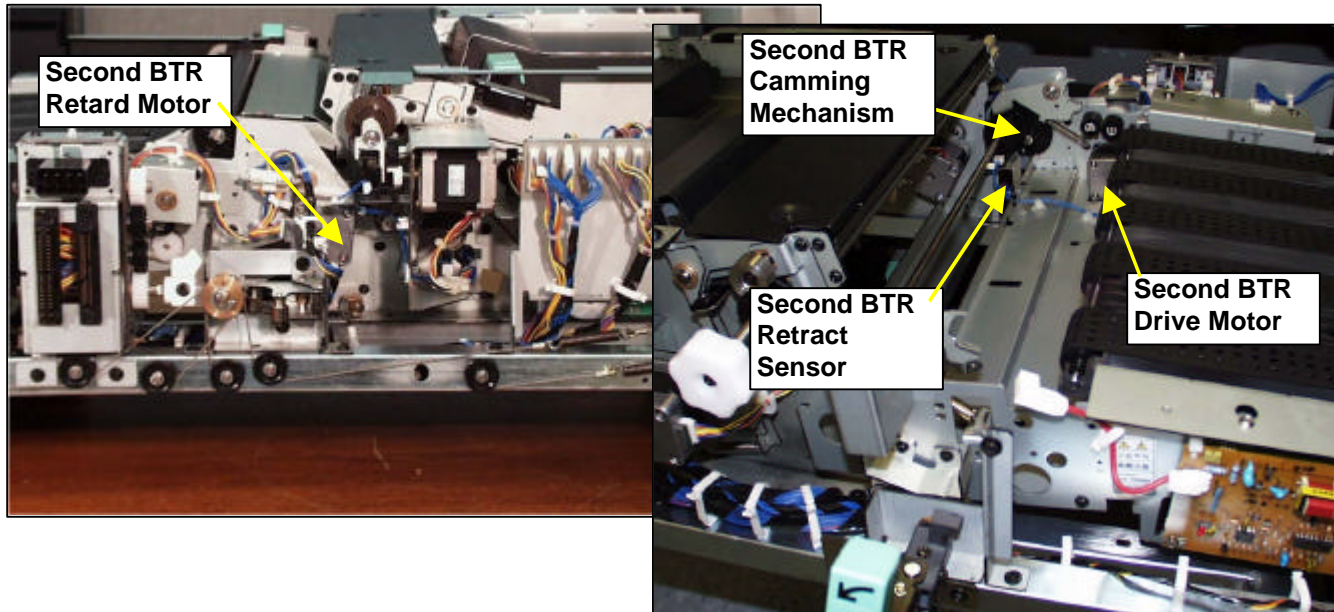
The Second Bias Transfer Roll is in the Paper Transport Module drawer. The Second Bias Transfer Backup Roll is in the IBT Module drawer under the IBT Belt. Paper from the Registration Transport and the Xerographic Image on the IBT Belt meet at the nip formed by the belt and the two bias rolls and the image is transferred to the paper.



Paper Transportation - IOT Module Transports

Second Bias Transfer Roll (continued)

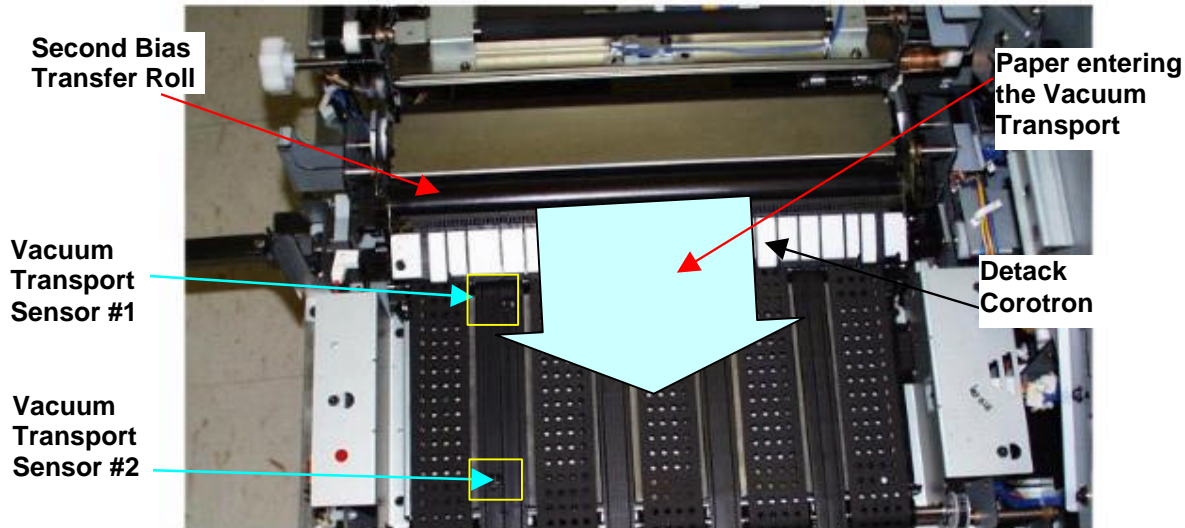
The 2nd BTR Drive Motor provides drive to the 2nd BTR Roll at 263.894mm/s. A Retract Motor and camming mechanism lifts the 2nd BTR Roll up to form a nip with the Belt and Second Bias Transfer Backup Roll. A second BRT Retract Sensor monitors the position of the Second BTR Roll. A cleaning brush under the Second Bias Transfer Roll, also driven by the 2nd BTR Drive motor, cleans the 2nd BTR Roll.



Paper Transportation - IOT Module Transports

Second Bias Transfer Roll (continued)

After the image is transferred to the paper, it leaves the 2nd BTR transfer roll and is placed on the first of two Vacuum Transports. A Detack Corotron keeps the paper from sticking to the IBT Belt by neutralizing any remaining charge on the paper. The Detack Corotron is only switched on when the Relative Humidity in the machine is above 50%.



NOTE: For more information on image transfer see **IBT Belt To Paper Transfer** in the **IBT Belt Module**.