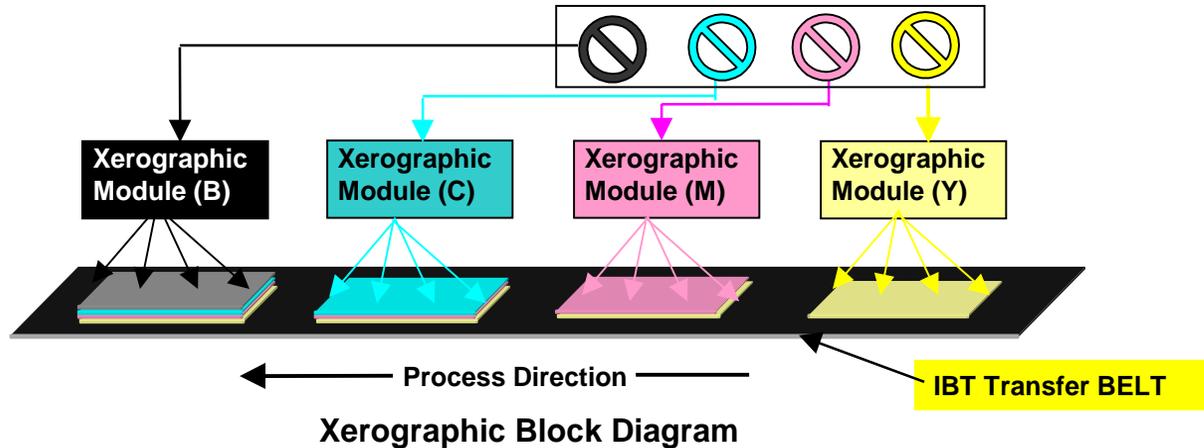


Xerographic Overview - Xerographics

Xerographics Overview

The primary functions of the xerographic subsystem are:

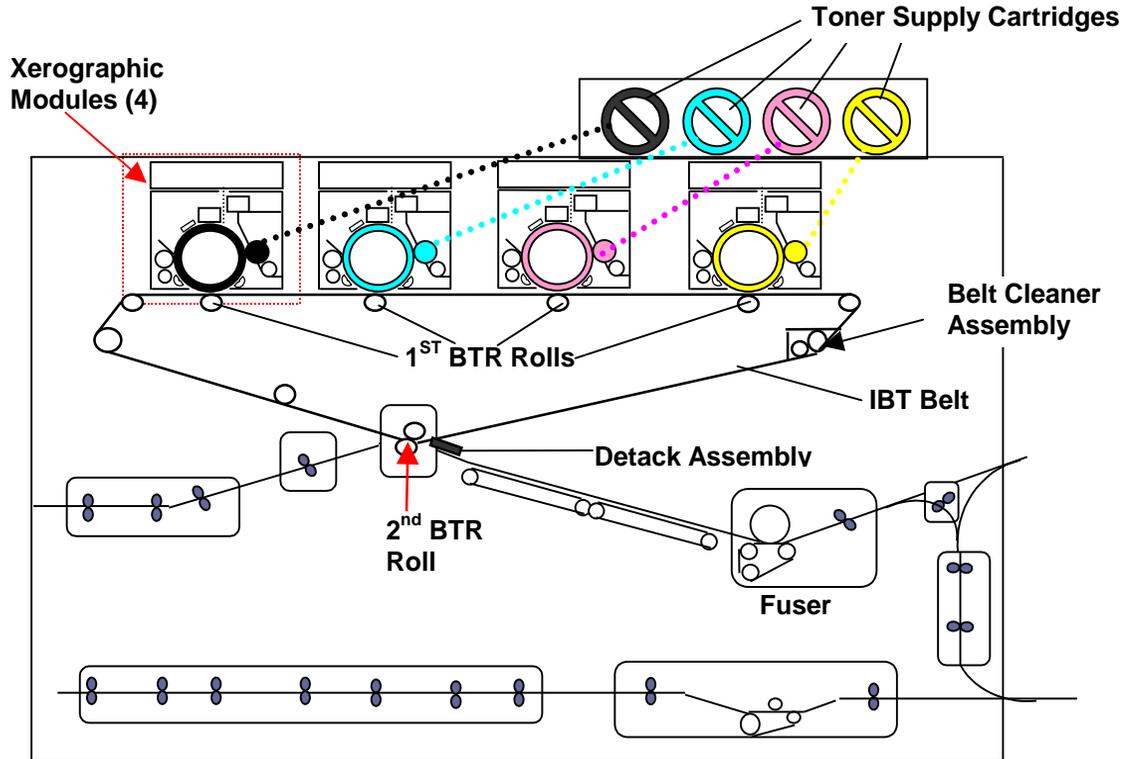
1. To provide a charged Drum for each of the toner colors, Yellow, Magenta, Cyan and Black.
2. To expose the four latent electrostatic images on each of the Drums.
3. To develop the latent images on the photoreceptors by applying Yellow, Magenta, Cyan or Black toner on the respective Drums.
4. To transfer each color image to the IBT (Intermediate Belt Transfer) belt.
5. To transfer the layered image to the paper.
6. To Detack (release) paper from the IBT Belt when the relative humidity is above 50%.
7. To clean any remaining toner and electrostatic image from the Drums and the IBT Belt in preparation for the next xerographic cycle.



Xerographic Overview - Xerographics

Xerographic Overview (continued)

The figure below shows the location of the major assemblies in the xerographic subsystem.

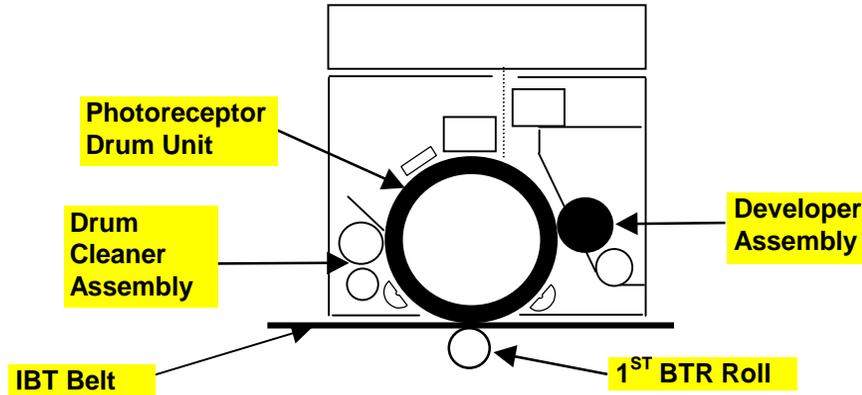


Major assemblies in the xerographic subsystem.

Xerographic Overview - Xerographics

Xerographic Modules

The four Xerographic Modules (Y, M, C, and K) are identical and contain a Photoreceptor Drum Unit, Cleaner Assembly and a Developer Assembly. The figure below shows the assemblies in the Xerographic Modules.



Xerographic Modules