ITB Belt Overview
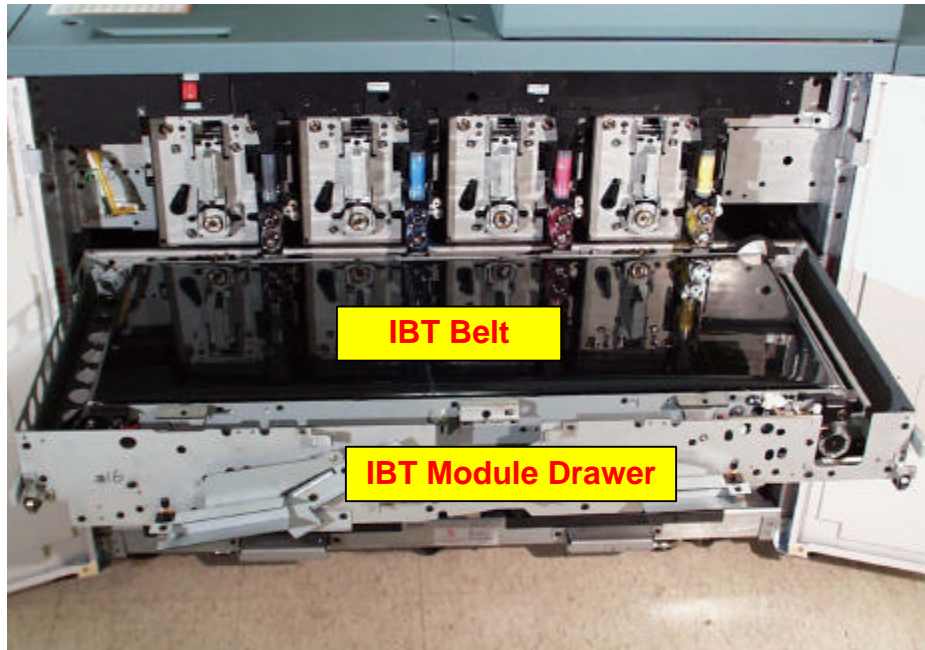
In this machine, the image is not built on a sheet of paper, but rather it is assembled on a plastic transfer belt. This is known as IBT (Intermediate Belt Transfer) technology. The toner images are transferred and stacked up, one on top of the other, on the IBT belt. When the last layer (black) is transferred, the entire image is transferred to the paper as a complete image.
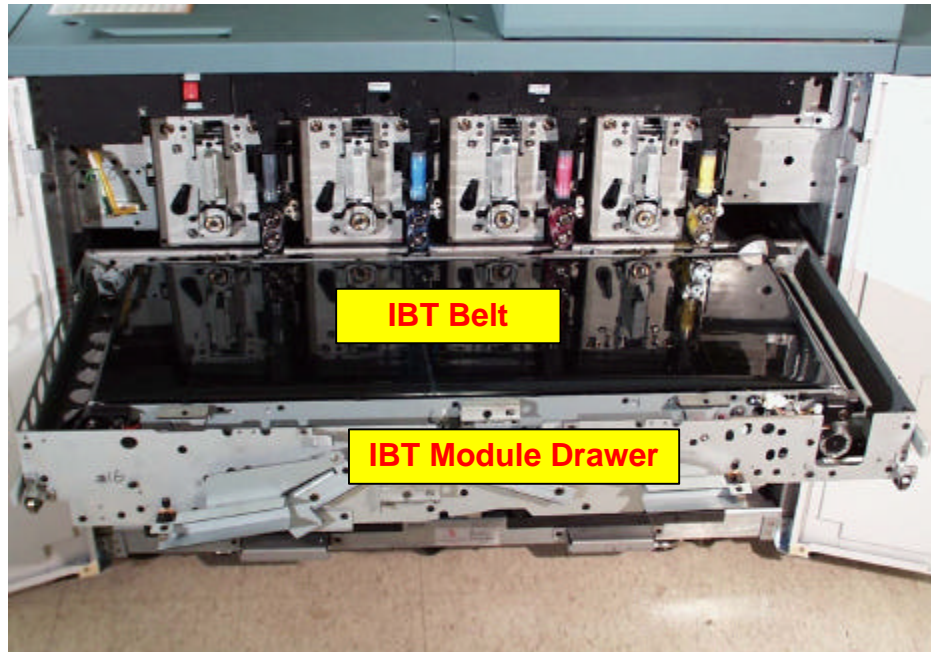
ITB Belt Overview (continued)

Transfer is a two step process, first to the IBT Belt and then to paper. The image build order on the IBT Belt is YMCK. After transfer to paper, black is on the bottom and yellow is on the top (KCMY). The dual transfer technique reduces mottle and improves transfer to heavy weight and special stocks.

The plastic transfer belt is 2111 mm long and the distance between drums is 211.1 mm. The life expectancy is ~400k (HFSI), **it is not sensitive to light.**

IBT Belt Overview (continued)

The IBT Belt Module lifts up and locks in place for IBT Belt removal and service.