

Fuser- IOT Module

Overview

After the image is transferred from the IBT belt to paper, it is transported by vacuum transports #1 and #2 to the Fuser Assembly. In the Fuser, the print passes between the Fuser Roll and Fuser Belt. Heat and pressure from the roll and belt fuse the image into the paper. As the Fuser drive rotates, the Oil Assembly applies a light coating of oil to the Fuser Roll. The oil aids in stripping, helps clean the Fuser Roll and enhances the image gloss. An External Heat Roll applies additional heat to the surface of the Fuser Roll. The Web Cleaner Assembly cleans the Fuser Roll and the External Heat Roll to prevent image offsetting. The Fuser Exit Chute transports the print from the Fuser to the Diverter Gate. The figure below shows the major assemblies in the Fuser.

