Xerox Corp.
Active Reversing Rollers
Outstanding Achievement in Innovation

“When engineering a document scanner, there’s a trade-off between speed and reliability. The image sensors and processors can handle greater throughput, but feeding pages through at ever-faster rates taxes the mechanical limits of the feed system,” explained Jamie Bsales, Director of Software Analysis for Keypoint Intelligence - Buyers Lab. “Manufacturers have designed ingenious ways to pick and feed single sheets quickly, and one of the most innovative solutions BLI technicians have seen is the Active Reversing Rollers feature.”

Tested in the Xerox DocuMate 6460 and 6480 scanners, the design has two sets of rollers that are being driven independently by two separate motors, rather than using friction or spring-loaded mechanisms to separate pages. This means the devices can be more precise when separating pages.

“When we tested the scanners in the lab, we were impressed by their reliability: The two machines scanned a combined 100,000 pages with only one misfeed,” said Joe Ellerman, U.S. Manager of Lab Operations for Keypoint Intelligence - Buyers Lab. “When we looked deeper into the Active Reversing Rollers technology in the scanners, it was immediately clear why these devices were so reliable. The innovation helps the devices pick and feed a single page while maintaining fast scan speeds.”

©2017 Keypoint Intelligence. Reproduced with permission. For reprints, contact info@keypointintelligence.com.
Keypoint Intelligence is a one-stop shop for the digital imaging industry. With our unparalleled tools and unmatched depth of knowledge, we cut through the noise of data to offer clients the unbiased insights and responsive tools they need in those mission-critical moments that define their products and empower their sales.

For over 50 years, Buyers Lab has been the global document imaging industry’s resource for unbiased and reliable information, test data, and competitive selling tools. What started out as a consumer-based publication about office equipment has become an all-encompassing industry resource. In a landscape that's ever evolving, we change with it.

About Keypoint Intelligence - Buyers Lab

Buyers Lab Outstanding Achievement awards acknowledge products or capabilities that stand out for attributes such as innovation, usefulness, or value.