

Fenner Dunlop Scanning Services

Investing in a steel cord conveyor belt demands a large capital commitment.

The best possible way to protect this investment is to utilize a Fenner Dunlop belt monitoring system to ensure the least possible damage to your conveyor system and belting investment.

The benefits of using a Fenner Dunlop conveyor belt scanning or monitoring system can be enormous. Continuous belt monitoring gives operators much tighter control over finances by enabling them to recognize potential trouble spots and take action before costly, unnecessary damage occurs.

Fenner Dunlop offers a reliable range of scanning and monitoring systems for your specific needs:

Rip Detection

EagleEye

Fenner Dunlop's EagleEye® is the most advanced combination of rip detection and continuous belt monitoring in the world. EagleEye is a permanently installed conveyor diagnostic and rip detection tool designed for cord damage and cord corrosion without the need to stop production. The interface allows for belt positioning and auto stoppages at a determined position on the conveyor system.

It gives our customers 24/7 protection to sound an alarm or stop the belt should any significant damage occur.



Diagnostic Belt Monitoring

Fenner Dunlop's rEscan® provides monitoring systems and services for early detection of cord strand breaks, cord corrosion, carcass defects and splice failure. Fenner Dunlop has developed different services and programs to fit what our customer needs:

- **Mobile Manual Scan** - The Full Manual scan involves a trained rEscan Technician to travel to the site and perform a full longitudinal belt scan. Requiring two to six hours of belt isolation, the scanning service can be carried out in one to two full days depending on length and amount of damage. A detailed report is compiled off-site to identify all locations of damage within the scanned belt and will recommend repairs in order of priority.
- **Remote Conveyor Belt Monitoring System** - The rEscan Remote Conveyor Belt Monitoring System is a permanently installed conveyor diagnostics tool designed for the analysis of splice condition, cord damage, and cord corrosion without the need to stop production on a steel cord conveyor system. Remote monitoring capability enables you to request scanning at any given time with no site visit required to download.
- **rEscan 24/7** - rEscan can now scan the belting every revolution on fixed speed or variable speed belts through the rEscan 24x7 system. rEscan 24x7 provides the ability to alert users at the instant any significant cord damage or splice damage is detected. In addition a PLC interface gives user the ability to stop the belting at any selected splice, detected cord damage or belt length location and to position the belt wherever required.



No matter what your needs are, Fenner Dunlop has the right product and service to fit your budget and protect your investment!



Fenner Dunlop Americas
Omega Corporate Center
1000 Omega Drive, Suite 1400
Pittsburgh, PA 15205

Fenner Dunlop Scanning Services
Phone: 1(877) 267-0043
1(276) 322-1427