

# CART<sup>®</sup>

**FENNER  DUNLOP**  
CONVEYOR BELTING AMERICAS



**CONVEYOR BELT MONITORING MODEL DEVELOPED BY CART FOR FENNER DUNLOP ATTRACTS SIGNIFICANT NOTICE AT “MINEXPO”**

# EAGLE EYE™



**FENNER  DUNLOP**



Conveying Performance to the Power of 3®

# EagleEye



Investing in an efficient belt conveying system demands a large capital commitment. The best possible way to protect this investment is to install the Fenner Dunlop belt monitoring system, EagleEye™. Although the EagleEye™ will not actually prevent faults from occurring, it will ensure the least possible damage to your investment.

The benefits of installing Fenner Dunlop Americas EagleEye™ 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.

EagleEye™ does not demand high levels of expertise to understand. It is easily interpreted by operatives working in conjunction with their other duties.

## *EagleEye™, the intelligent belt monitoring system*

Conveyor belts form a key part of many mining and processing businesses worldwide. Their installation represents significant investment, and their maintenance or failure means expensive downtime. Frequent monitoring of long belts is often impractical where certain forms of damage can be very hard to detect by visual inspection alone.

**EagleEye™**, from Fenner Dunlop Americas, is the most advanced combined rip detection and continuous belt monitoring system in the world. Named EagleEye™ because it utilizes a sophisticated Programmable Logic Control (PLC) system to constantly keep a watchful eye over your conveyor. It gives users instant access to information about the conveyor belt condition **and** gives 24/7 protection via the conveyor's control system to sound an alarm or stop the belt should any significant damage occur.



It can, for instance, immediately stop the belt upon detection of a longitudinal rip. This is made possible by the rip detection panels and loops integrated in the belt.

In addition to its highly efficient rip detection capability, the EagleEye™ system can provide users with a constant flow of information on any damage that occurs and can pinpoint its exact location, allowing a visual assessment to determine if any remedial work is necessary.

**EagleEye™** can also determine the extent of any damage that occurs, assign it different categories of damage level and monitor its development. This means that users have the option of allowing minor damage to pass until it registers at a more serious level or take immediate pre-emptive action to inspect and eliminate any further damage before it turns into a major downtime situation.