

solutions

Industry Updates and Solutions for Conveyor Material Handling Applications.

Providing the World Material Handling Industry with Productive, Safe and Reliable "Complete Conveyor Solutions."

ASGCO®

Complete Conveyor Solutions

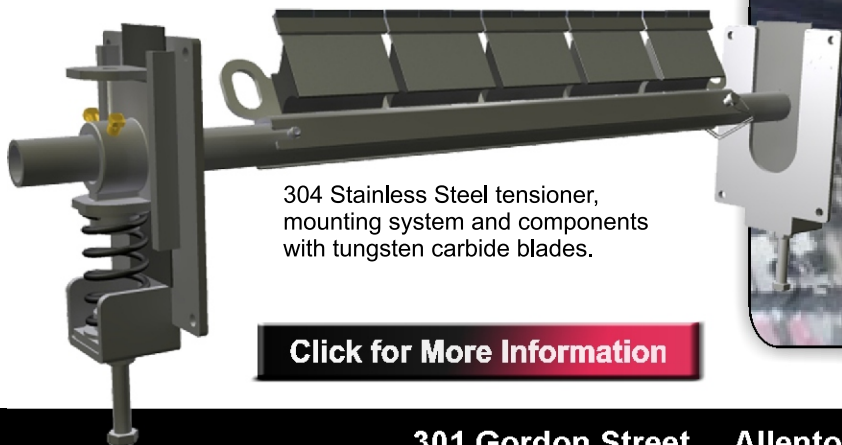
Solving Material Carry-back Problems

A major mining operation was experiencing severe material carry-back problems along the return runs of their conveying systems. This was causing belt tracking issues due to the build-up of material on the return idlers and bend pulleys in the gravity take-up sections. It was also causing safety concerns due to the large amount of man power needed to shovel up the carry-back under each return idler as well as in the loading section of each conveyor due to the mis-tracking issues.

ASGCO inspected the conveyor system and noticed the mines' belt cleaner systems were old and not being serviced properly. ASGCO installed a Razor-Back secondary belt cleaner with its patented Duo-Spring tensioning system and tungsten carbide blade cartridge system, along with a quarterly inspection/maintenance program.

- **Life-Time Guarantee** - on the 304 stainless steel tensioning and mounting system that maintains an effective tension throughout the life of the wear blades.
- **Longwearing Abrasion Resistant** - tungsten carbide blades provides and maintains a great cleaning edge against the belt.
- **Impact Absorbing Tension Cushions** - tension each individual blade to the belt for a controlled and effective belt cleaning across the entire width of the belt.
- **Compact Cartridge Design** - allows for an installation that requires less than 9" of clearance to be installed and maintained as well the cartridge can be changed from outside the chute.

Razor-Back Superior Secondary Belt Cleaning System



304 Stainless Steel tensioner, mounting system and components with tungsten carbide blades.

[Click for More Information](#)



SOLUTION:

[Click to watch the Razor-Back in action.](#)

PROBLEM:



Carry-back accumulations on the return side of the conveyor belt.



The previous cleaner removed was not tensioned and maintained. The tensioner locked up and seized.