

solutions *to improve efficiency, safety and productivity?*

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

ASGCO®

Complete Conveyor Solutions

ASGCO® Helps Copper Processing Port Facility to Improve Material Flow and Reduce Maintenance Costs

Constant exposure to salt moisture, copper concentrate and high humidity in a marine shipping terminal cause standard steel components on many belt cleaning systems to decompose and ultimately fail.

Problem:

A copper concentrate processing plant in a marine port facility was experiencing poor results from its existing conveyor belt pre-cleaners mainly due to the standard steel tensioners constantly failing due to the corrosive environment. This caused the blade to lose belt contact, allowing fouling carryback to enter the return side of the system. This leads to many adverse complications and costly downtime for repairs and maintenance.

Solutions:

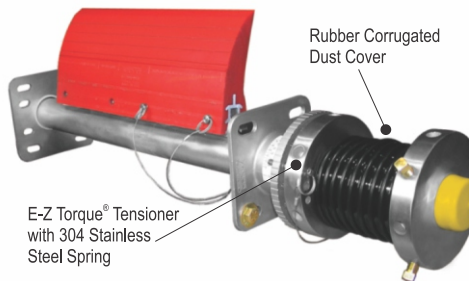
After surveying the conveyor system ASGCO® technicians recommended installing a Skalper® Belt Cleaning System. The Skalper® uses the highest quality 304 Stainless Steel tensioning system, which is impervious to corrosion. The Skalper®'s one piece urethane blade maintains precise contact with the belt at all times, effectively removing residue before it can enter the return side of the system. And along with the highly corrosive resistant zinc plated mounting tube, the Skalper® provided our customers with a belt cleaner that could handle the most extreme conditions even after long periods of exposure to rust and contamination.

As illustrated in the photos right, it's clear that the material residue has been effectively removed from the belt, and diminishing the possibility of fouling return idlers and other components. This dramatically reduced maintenance labor costs and downtime.

Skalper® Primary Belt Cleaner

Our newly enhanced Skalper® series of conveyor belt pre-cleaners have been installed and have solved carry-back problems all over the world. The simple and highly effective Skalper® belt cleaner removes carry-back from the conveyor system.

- Skalper® (patented) one piece blade maintains an effective cleaning edge throughout the life of the blade
- E-Z Torque® (patented) torsion style tensioning system provides a constant consistent tension throughout the life of the blade
- Quick blade change outs and minimal maintenance



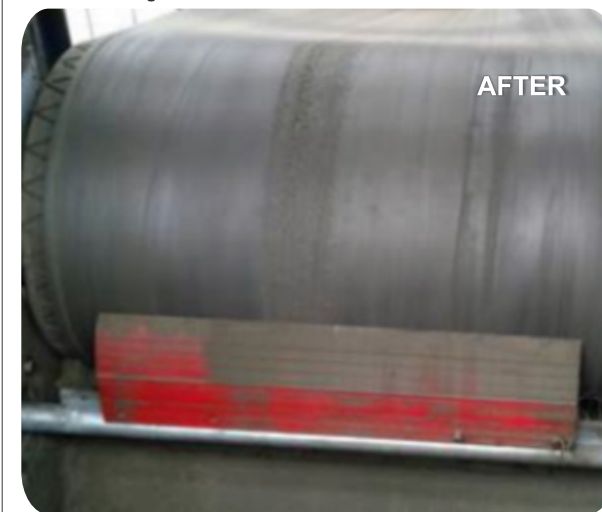
Maximum Belt Speed – 1000 fpm (5.0 m/sec)
Pulley Diameter – 16" – 36" (400 – 900mm)

[Click for More Information](#)

PROBLEM: Constant exposure to salt moisture, copper concentrate and high humidity caused the components to decompose and ultimately fail, allowing carryback to enter the return side of the system.



SOLUTION: By installing ASGCO®'s highly corrosive resistant Skalper® primary belt cleaner which effectively removed the residue, maintenance has been dramatically reduced along with labor costs and downtime.



For more information and benefits of ASGCO® Skalper® Primary Belt Cleaner contact us at www.asgco.com