

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

ASGCO®'s Safe-Guard™ Return Roll Changer Provides Safe and Efficient Maintenance for a Copper Mining Operation

Problems:

The only way to change the return idlers on this 36" wide belt located in the A-frame building was to clear out all of the material on the ground and rent a 135' man lift to access the return idlers. This was a very costly and time consuming procedure in both, lost production time and maintenance resources. The area also had to be barricaded off so that during the replacement process employees and equipment were to stay out of harm's way of potential falling debris and equipment. This prevented work to be done on the ground below.

Solutions:

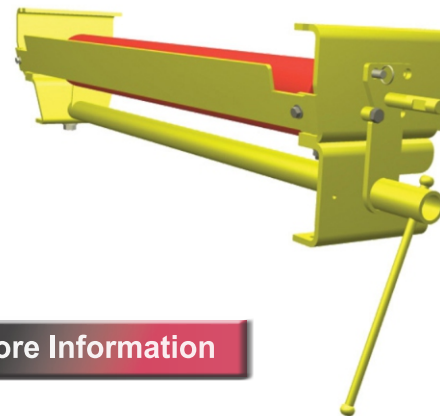
Replacing the standard return roll brackets with the Safe-Guard™ Return Roll Changer allowed the maintenance personnel to safely remove the return idler from the catwalk. The Safe-Guard™ Return Roll Changer also provides pinch point protection between the idler and the belt while the conveyor is running.

With the addition of the Safe-Guard™ Return Roll Changer, no pry bars or hammers are needed to replace return idlers, reducing the possibility of injury. The maintenance worker replacing the idler does not have to put on a harness/ lanyard and put themselves in harm's way by crawling out on to the frame work of the conveyor structure in order to access the idlers. Utilizing the design of the idler hold down clips that are bolted in place, idlers are not able to pop out of the brackets and fall onto personnel or mobile equipment on the ground. The result is that the Safe-Guard™ Return Roll Changers provide a safe, reliable, and ergonomic way for maintenance crews to change out return idlers.

ASGCO® Safe-Guard™ Return Roll Changer

The patented ASGCO® Safe-Guard™ Return Roll Changer allows you to remove and replace a roller from a single side of the conveyor and/or from whichever side of the catwalk is located.

- Universal Mounting** - can be mounted on either side of the conveyor system.
- One side Return Roll Access** - allows removal and replacement from a single side of the conveyor.
- Pinch Point Protection** - to prevent injuries.
- Reduces Maintenance Time** - for roller replacement.
- Eliminates the Need for High Lift Equipment.**
- All Steel Construction** - industrial grade powder coated finish.



[Click for More Information](#)

Before



After



For more information and benefits of the ASGCO® Safe-Guard™ Return Roll Changer contact us at www.asgco.com