**ASGCO®’s Safe-Guard® Return Roll Changer Allows Idler Change Out in a Fraction of the Time and Under the Most Difficult Environments!**

<table>
<thead>
<tr>
<th>Industry:</th>
<th>Coal</th>
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<tbody>
<tr>
<td>Application:</td>
<td>72” Incline Conveyor Enclosed in a Conveyor Tube</td>
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<td>Product:</td>
<td>ASGCO® Safe-Guard® Return Roll Changer</td>
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<td>Objective:</td>
<td>To Reduce Down Time When Changing Out the Return Rollers While Also Creating a Safer Working Environment</td>
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**Challenge:**
The only way to change the return idlers on this 72” incline conveyor enclosed in a tube was to crawl under the conveyor in a curved/sloped application while packing a 130 pound roller. This was also a very difficult and unsafe environment to work in making the procedure very time and energy consuming. This resulted in both lost production time and maintenance resources.

**Solution:**
ASGCO® recommended to replace the standard return roll brackets with the Safe-Guard® Return Roll Changers allowing 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.

**Results:**
The Safe-Guard® Return Roll Changer became a real game changer for the customer. Not only did it allow them to replace their return idlers in a fraction of the time it previously took (probably 75% less time), reducing costs, but the process is now much safer. The workers no longer have to try and stand or kneel under a conveyor belt in a curved, sloped, and sometimes slippery conveyor tube while trying to physically lift a 130 lb. return idler in place. The customer is so pleased that he has ordered several more!

**Easy Installation:**

- **STEP 1:**
  - For universal mounting, Safe-Guard® Return Roll Changer can be mounted on either side of the conveyor system.
- **STEP 2:**
  - One Side Return Roller Access allows removal and replacement from a single side of the conveyor.
- **STEP 3:**
  - Provides pinch point protection to prevent injuries.
- **STEP 4:**
  - Reduces maintenance time for roller replacement.
  - Eliminates need for high lift equipment.
  - All steel construction coated finish with industrial grade powder.
  - Can be customized to fit any manufacturer’s roller.

**Safe-Guard® Return Roll Changer**