**ASGCO® - Skalper Primary Belt Cleaning System**

<table>
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<tr>
<th>Industry</th>
<th>Mid-Western PRB Coal Fired Power Plant</th>
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<tbody>
<tr>
<td>Application</td>
<td>Installed on a 36” belt width cascade conveyor</td>
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<tr>
<td>Product</td>
<td>ASGCO®- Skalper Primary Belt Cleaning System</td>
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<tr>
<td>Objective</td>
<td>Eliminate carry-back, reduce housekeeping, minimize safety issues, reduce maintenance needs and extend blade life</td>
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**Challenge**

Excessive buildup of material carry-back and dust from inadequate belt cleaners, resulting in housekeeping and safety issues, combined with OSHA’s Combustible Dust National Emphasis Program (NEP) have made things very difficult for this Mid-western coal-fired power plant. The increased labor for housekeeping issues and the possibility of strict fines added increased emphasis for this power plant to improve its belt cleaner systems.

**Recommendations:**

Following a complete conveyor survey and review of the systems requirements, the ASGCO® Skalper® Belt Cleaners with E-Z Torque® Tensioner were best suited to address all areas of concern for these applications.

**Results**

After months of daily use, the Skalper® units have provided excellent cleaning. Reduced hours on housekeeping, safety issues, and wash downs. Belt tracking issues due to return idler build-up has been eliminated. Manpower and maintenance time has also been greatly reduced due to the effective performance of the E-Z Torque® Tensioner which has also greatly extended their blade life.

**Skalper® Belt Cleaner**

- 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)
Applications – Coal Fired Power Plants, Hard Rock Mining, Steel Mills, Iron Ore, Aggregate and Mineral (Phosphate, Potash, Salt) Mining