PRIMARY BELT CLEANERS
BIGGER. STRONGER. MORE DURABLE.

GET THE FACTS
COMPARE TO THE COMPETITION
ASGCO’s improved Skalper primary belt cleaner’s mounting tube is equal to or in most cases exceeds the bending point of the competition.

### Mounting Tube Cross Sections

**ASGCO® Skalper®**
2.38”OD .218 Wall
*Moment of Inertia .87in⁴*

**Flexco® Rockline EZP1™**
2.38”OD .218 Wall
*Moment of Inertia .87in⁴*

**Martin® Pit Viper™**
1.90”OD .200 Wall
*Moment of Inertia .39in⁴*

**Arch/Gordon® Saber™**
1.90”OD .200 Wall
*Moment of Inertia .39in⁴*

*Moment of Inertia is an engineering calculation of a pipe torsional requirement for a desired angular acceleration. All pole sizes shown at 1/2 scale.

### Stronger Mounting Tubes

In use with our E-Z Torque® line of tensioner's, our larger mounting tube can eliminate twisting, providing a tension that is distributed evenly across the cleaner blade width along with even wear on the blade, helping to reduce carry-back.

An increased Outside Diameter of the tube as well as a Schedule 80 wall thickness, provides a **121% stronger mounting tube** than the competition, reducing the tendency of the tube bending over time.

**ASGCO® SKALPER®**
- **MARTIN® QC #1® Cleaner PD**
  - Skalper® Tube is 77% STRONGER
- **ARCH/GORDON® Saber™**
  - Skalper® Tube is 121% STRONGER
- **MARTIN® PIT VIPER™**
  - Skalper® Tube is 121% STRONGER

**Stronger and Larger Tubes**

500 lbs. of Force to a 46°BW Skalper tube minus the keeper

NEW 2® Schedule 80
Deflection .00%

1-800-344-4000  www.asgco.com
Zinc Plating vs Powder Coating

ASGCO’s line of cleaner products are either 304 stainless steel or coated with Zinc-Cobalt with Yellow Chromate and Post Sealer in order to help prevent rust and corrosion.

As seen in ASTM certified chart below, this coating provides up to 600 hours of run time in a highly concentrated Salt Spray test before white rust will start to form. This provides the industry standard for corrosion resistance for mild steel component parts.

**Benefits:**
- Highly Corrosion Resistant - prevents rust
- Withstands Harsh Climate Conditions
- Most economical and effective coating to protect steel

**Salt Spray Testing for Accelerated Corrosion Resistance**

- **Salt Spray Comparison Test** - has shown a 55%-60% increase in corrosion protection as compared to powder coating (350 hrs for Powder Coating vs 550 hrs for Zinc Plating Cobalt)

- In comparison with either powder coated or painted parts, zinc plating exceeds the corrosion resistance of either of those two methods of rust prevention.

- Unlike paint or powder coating, zinc plating will not chip or peel off during installation or after being installed for a long period of time exposing the parts to rust and contamination.
E-Z Torque™ tensioners for primary belt cleaners offer full blade life with the least amount of maintenance. Tension degree marks are provided to easily maintain proper cleaner blade tension as well as providing a means to check proper tension.

**Improved E-Z Torque™ Tensioner**

Our E-Z Torque™ tensioner’s new and improved mounting tube provides our customers with a belt cleaner that can handle the most extreme corrosive and weather conditions.

- **Made of 100% 304 Stainless Steel** - Mounting plates, collars and springs allow the blades to self adjust throughout the entire life of the blade.
- Re-designed brackets provide a square bolt pattern
- Single-handed tensioning has superior elasticity
- The torque wrench adaptor supplied to get accurate torque tension
- **Life-time Guarantee!**

**E-Z Torque™ Tensioners Provide Constant Tension!!**

The E-Z Torque™ Tensioner allows for more degrees of rotation, which allows the blade to maintain more tension to the conveyor belt as the blade wears.

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**Not All Tensioners Provide Adequate Tension...**

*Rotation percentages according to OEM Installation Instructions for the proper tension on 36” wide conveyor belt*
ASGCO® urethane primary belt cleaner blades are manufactured onsite in our Urethane Department. ASGCO® provides one of the most reliable, longer lasting blades in the industry today. Our urethane compound blades exceed most other competitors’ blades in tensile strength and most importantly in DIN Abrasion, which is used to test the wear characteristics of urethane compounds in the industry.

**ASGCO Urethane Out Performs the Competition**

<table>
<thead>
<tr>
<th>Properties</th>
<th>Skalper IV®</th>
<th>Flexco Conshear®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Strength @ , psi</td>
<td>4389</td>
<td>1746</td>
</tr>
<tr>
<td>Tensile Elongation @ Break, %</td>
<td>786</td>
<td>924</td>
</tr>
<tr>
<td>100% Modulus, psi</td>
<td>723</td>
<td>884</td>
</tr>
<tr>
<td>200% Modulus, psi</td>
<td>910</td>
<td>1037</td>
</tr>
<tr>
<td>300% Modulus, psi</td>
<td>1190</td>
<td>1140</td>
</tr>
<tr>
<td>*DIN Abrasion, mm²</td>
<td>41</td>
<td>226</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.256</td>
<td>1.218</td>
</tr>
<tr>
<td>Hardness, A</td>
<td>83</td>
<td>83</td>
</tr>
<tr>
<td>Polymer Identification</td>
<td>TDI</td>
<td>TDI</td>
</tr>
</tbody>
</table>

*All testing done by Akron Development Labs.
*The lower the number the better for DIN testing.

**Biggest and Most Abrasion Resistant Blade in Class**

Blade Life = Volume x Wear Resistance

<table>
<thead>
<tr>
<th>Cleaner Type</th>
<th>Useable Blade Area (cross section)</th>
<th>Useable Blade Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skalper IV</td>
<td>5.75 in²</td>
<td>160 in³</td>
</tr>
<tr>
<td>Martin Pit Viper</td>
<td>4.20 in²</td>
<td>117.6 in³</td>
</tr>
<tr>
<td>Martin QC#1 Standard</td>
<td>3.00 in²</td>
<td>84 in³</td>
</tr>
<tr>
<td>Flexco Rockline</td>
<td>5.50 in²</td>
<td>154 in³</td>
</tr>
<tr>
<td>Arch Gordon Saber</td>
<td>3.66 in²</td>
<td>85.7 in³</td>
</tr>
</tbody>
</table>

**Compare to the Competition**

- **ASGCO® Skalper®**
- **Martin® QC® #1 Standard**
- **Martin® QC® Heavy Duty**
- **Argonics® Eraser® Raptor**
- **Flexco® ConShear Rockline®**
- **Arch/Gordon Saber® Normal**
**ASGCO’s Angle of Attack**

A flat pulley surface side of the blade ensures a sharp point contact and material clearance.

- More Aggressive
- Self-Sharpening
- Minimal Belt Contact
- Less Abrasion Between Blade and Belt
- Less Chance of Blade Feathering

**Competitor’s Attack Angle**

- Passive Angle of Attack
- Increased Belt Contact
- More Abrasion Between Blade and Belt
- More Chance of Blade Feathering

**Material Path**

At ASGCO® our standard blades come Belt Width minus 6” or can be customized to fit your exact material path.

- Full Belt Width
- Belt Width Minus 2”
- Belt Width Minus 6”

Only Recommended for Feeder or Flat Conveyors

Not Recommended! Blade will not wear on the sides that are not in the material path.

BEST CHOICE