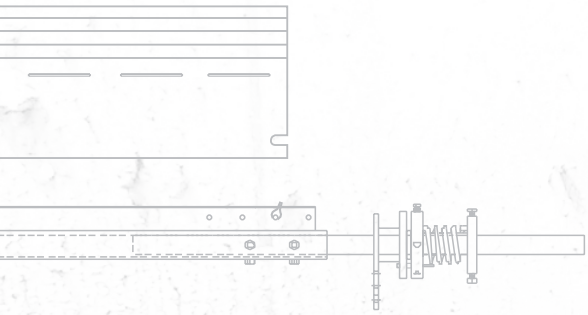
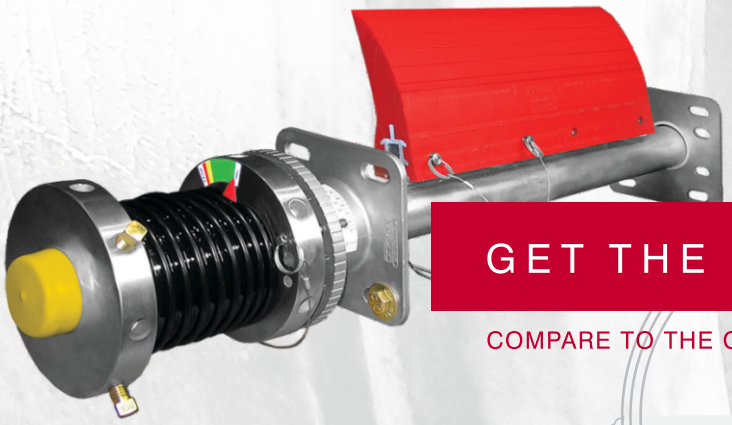


PRIMARY BELT CLEANERS

BIGGER. STRONGER. MORE DURABLE.



GET THE FACTS

COMPARE TO THE COMPETITION

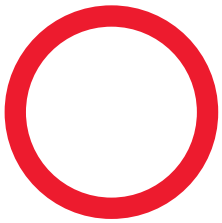
ASGCO® Complete Conveyor Solutions

1.800.344.4000 | www.asgco.com

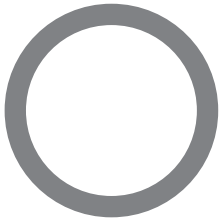
MOUNTING TUBES COMPARISON

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 .87in^4



Flexco® Rockline EZP1™
2.38"OD .218 Wall
*Moment of Inertia .87in^4

Martin® Pit Viper™
1.90"OD .200 Wall
*Moment of Inertia .39in^4

Arch/Gordon® Saber™
1.90"OD .200 Wall
*Moment of Inertia .39in^4

*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.

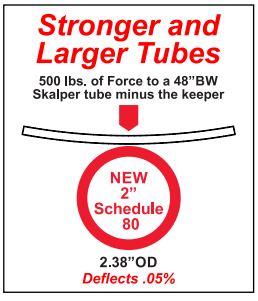
An increased Outside Diameter of the tube as well as a Schedule 80 wall thickness, provides a ***121% stronger mounting tube*** than the competition, reducing the tendency of the tube bending over time.

ASGCO® SKALPER® ***STRONGEST!***

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



MOUNTING TUBES

ZINC COATING vs POWDER COATING

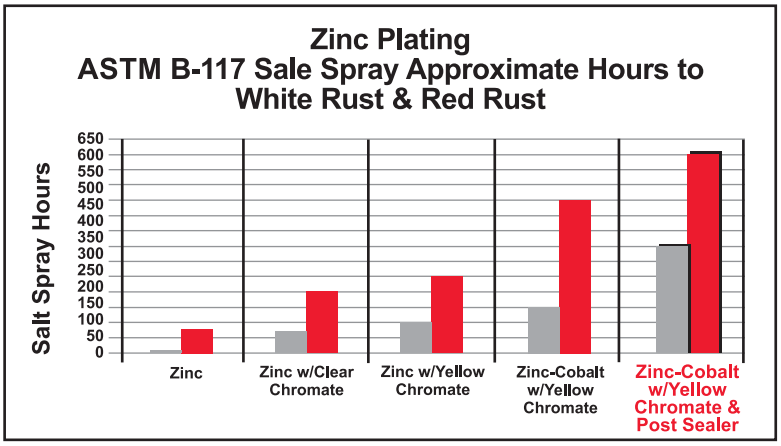
Zinc Plating vs Powder Coating

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.

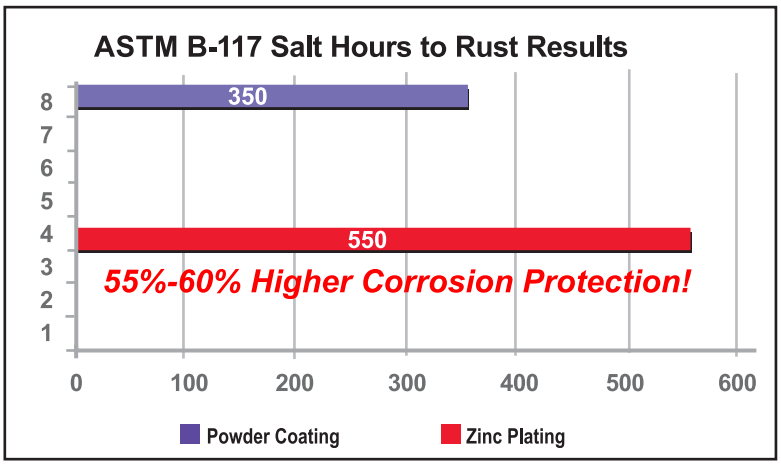
Benefits:

- **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.



ZINC COATING

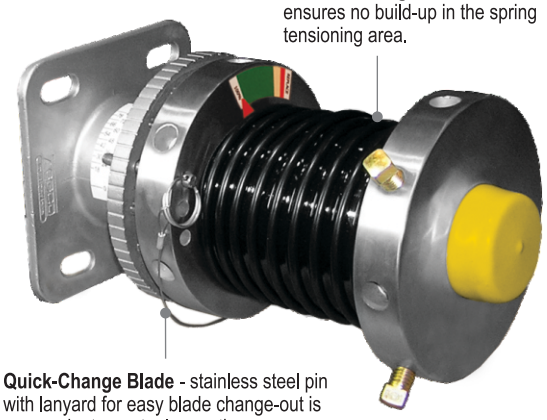
E-Z TORQUE™ TENSIONER

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!*

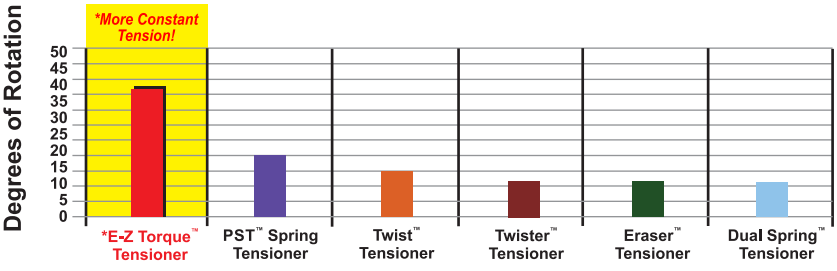


E-Z Torque™ Tensioners Provide Constant Tension!!

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.

Not All Tensioners Provide Adequate Tension...

Rotation percentages according to OEM Installation Instructions for the proper tension on 36" wide conveyor belt




Flexco® PST™ Spring Tensioner


Martin® Twist™ Tensioner


Arch® Twister™ Tensioner

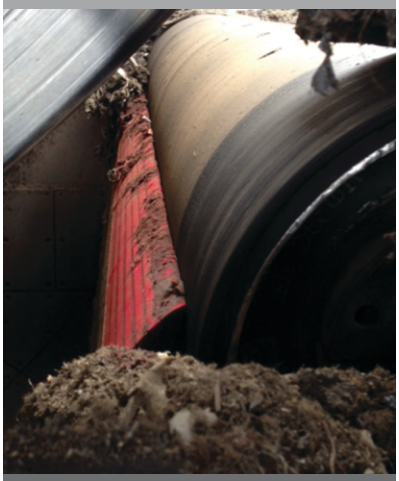

Argonics® Eraser™ Tensioner


Benetech® Dual Spring Tensioner

E-Z TORQUE™

URETHANE BLADES

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.



URETHANE BLADES

ASGCO Urethane Out Performs the Competition

Properties	Skalper IV®	Flexco Conshear™
Tensile Strength @ , psi	4389	1746
Tensile Elongation @ Break, %	786	924
100% Modulus, psi	723	884
200% Modulus, psi	910	1037
300% Modulus, psi	1190	1140
*DIN Abrasion, mm^3	41	226
Specific Gravity	1.256	1.218
Hardness, A	83	83
Polymer Identification	TDI	TDI

More than 3 times the life of the competitor!!

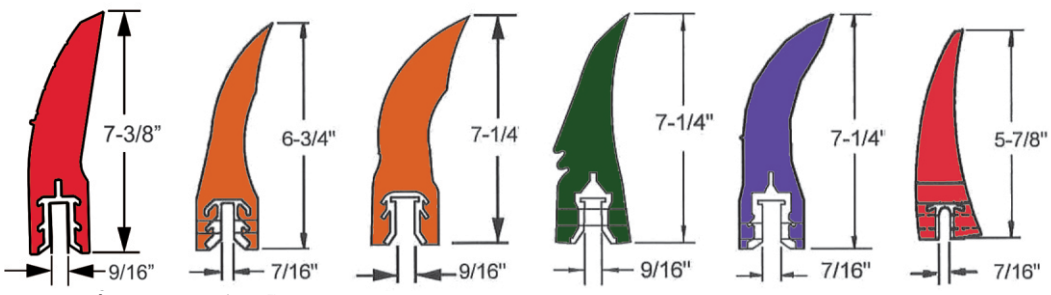
*All testing done by Akron Development Labs.
*The lower the number the better for DIN testing.

Biggest and Most Abrasion Resistant Blade in Class

Blade Life = Volume x Wear Resistance

Cleaner Type	Useable Blade Area (cross section)	Useable Blade Volume
Skalper IV	5.75 in^2	160 in^3
Martin Pit Viper	4.20 in^2	117.6 in^3
Martin QC#1 Standard	3.00 in^2	84 in^3
Flexco Rockline	5.50 in^2	154 in^3
Arch Gordon Saber	3.06 in^2	85.7 in^3

Compare to the Competition



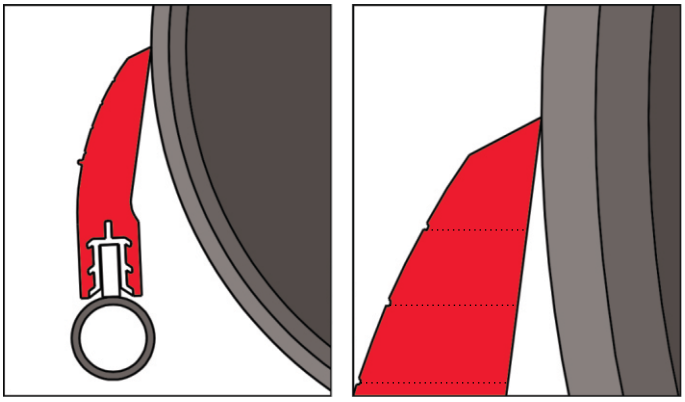
ASGCO® Skalper®
Martin® QC™ #1 Standard
Martin® QC™ Heavy Duty
Argonics® Eraser™ Raptor™
Flexco® ConShear™ Rockline®
Arch/Gordon Saber® Normal™

BLADE POSITION / ATTACK ANGLE / MATERIAL PATH

BLADE ANGLE

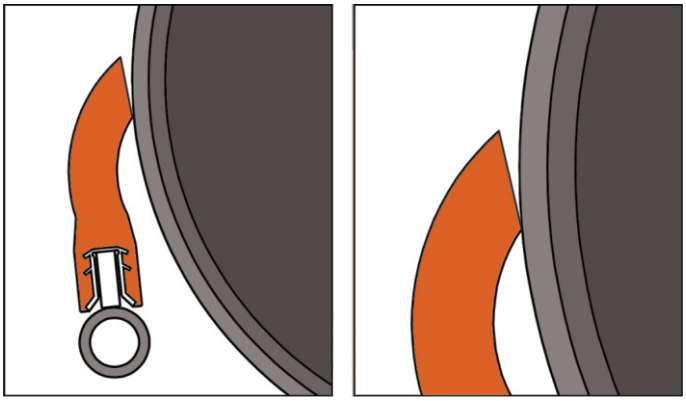
ASGCO's Angle of Attack

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

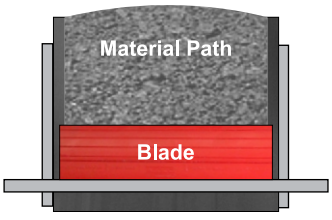


- Passive Angle of Attack
- Increased Belt Contact
- More Abrasion Between Blade and Belt
- More Chance of Blade Feathering

Material Path

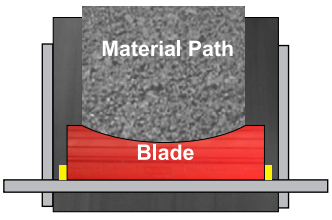
At ASGCO® our standard blades come Belt Width minus 6" or can be customized to fit your exact material path.

Full Belt Width



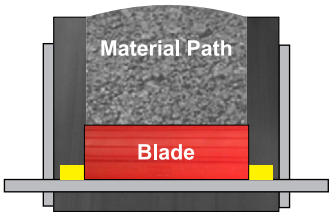
Only Recommended for Feeder or Flat Conveyors

Belt Width Minus 2"



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

Belt Width Minus 6"



BEST CHOICE