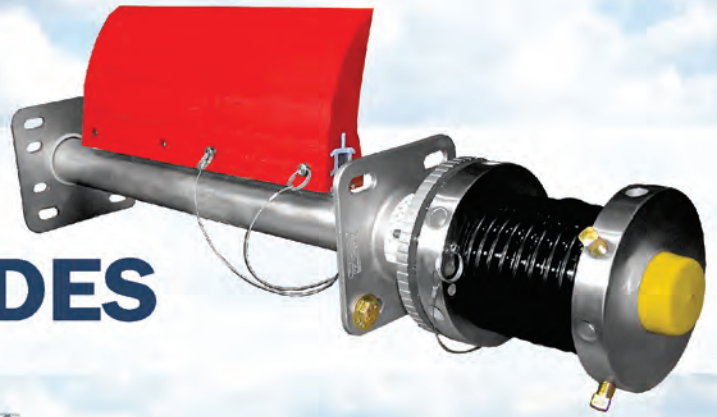




# PRIMARY BELT CLEANERS & BLADES

Made in the USA



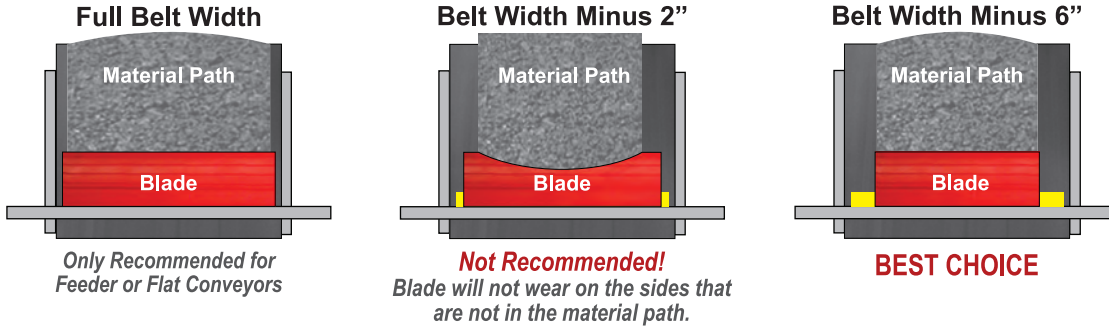
**Need Solutions...***to improve efficiency, safety and productivity?* **ask... ASGCO®**  
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# BIGGER. STRONGER. MORE DURABLE.

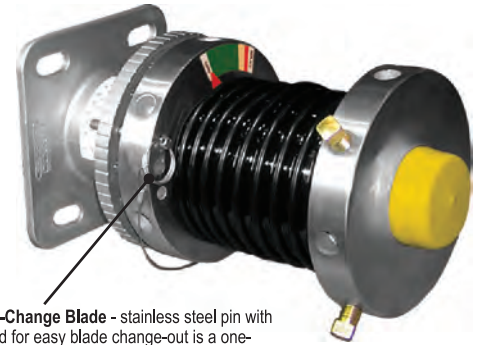
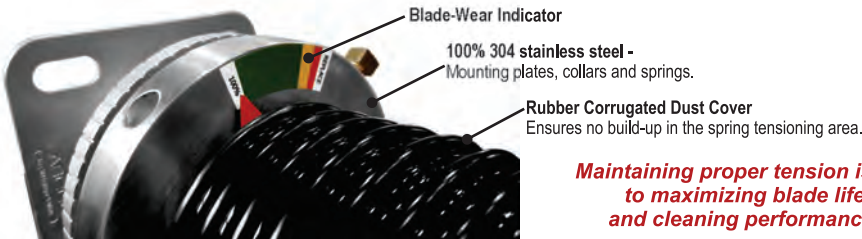
## Material Path

At ASGCO® our line of pre-cleaners come with the ability to match the blade to the material path to minimize the blade wear and reduce frequent retensioning and the need for replacement. Our standard blades come Belt Width minus 6" or can be customized to fit your exact material path.



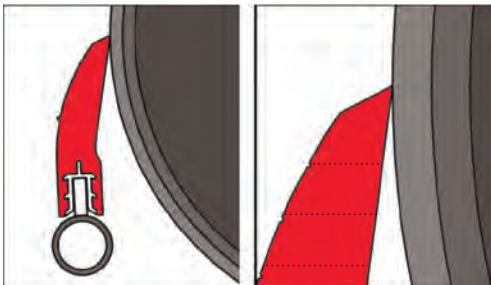
## E-Z Torque® Tensioning System Provides Constant Tension!

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. ASGCO®'s 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.



## Blade Angle of Attack

A flat pulley surface side of the blade ensures a sharp point of contact and material clearance. ASGCO®'s patented Skalper® Blade design maintains an effective cleaning edge throughout the life of the blade with its unique horizontal sipes/wear-grooves across the entire width of the blade cleaning edge and by the use of the arc-shaped back side of the blade to ensure a sharp cleaning edge.



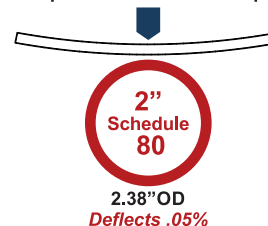
- More Aggressive
- Self-Sharpening
- Minimal Belt Contact
- Less Abrasion Between Blade and Belt
- Less Chance of Blade Feathering

## Stronger Mounting Tubes

ASGCO®'s primary belt cleaner's mounting tube is equal to or in most cases exceeds the bending point of the competition.



**Stronger & Larger Tubes**  
500 lbs. of Force to a 48" BW Skalper tube minus the keeper



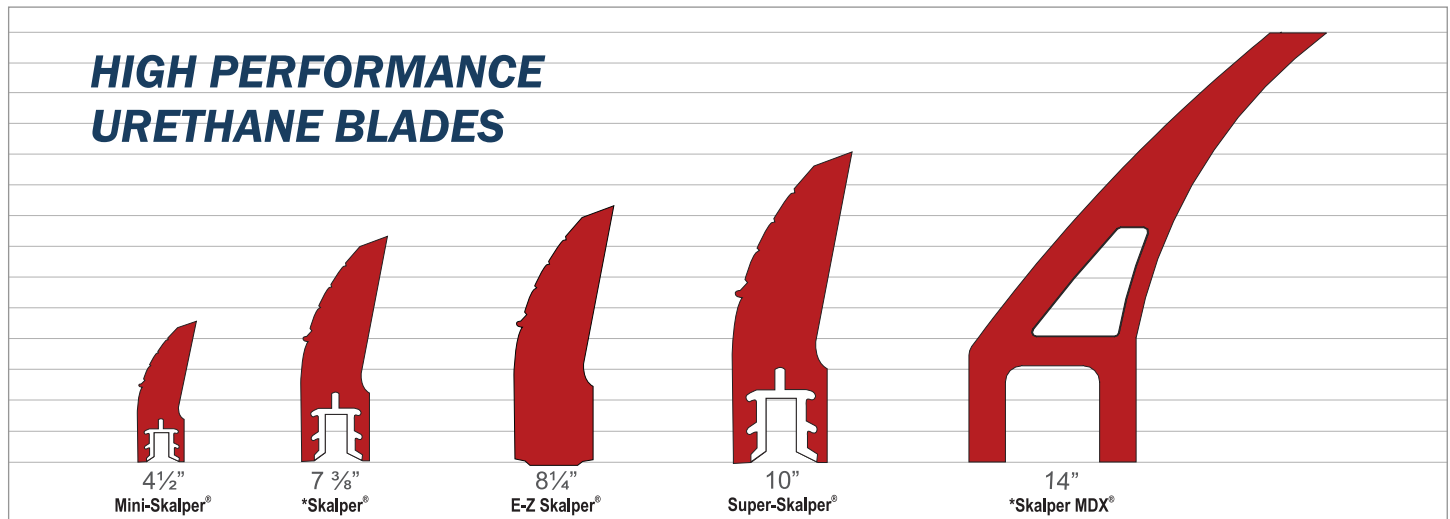
In use with our E-Z Torque® line of tensioner's, our larger mounting tube can eliminate twisting, providing a tension that is distributed evenly across the cleaner blade width along with even wear on the blade, helping to reduce carry-back.

An increased Outside Diameter of the tube as well as a Schedule 80 wall thickness, provides a **125% stronger mounting tube** than the competition, reducing the tendency of the tube bending over time.

# COMPARE TO THE COMPETITION.

## Types of Primary Belt Cleaner Replacement Blades

ASGCO® offers replacement belt cleaner blades for belt cleaning systems from many other manufacturers. Color-coded urethanes match performance to conditions. ASGCO® is the leader in the development of high-performance urethanes for specialized belt cleaner / belt scraper applications. These color-coded urethane blades can be supplied for any ASGCO® primary cleaner, as well as any primary cleaner supplied by many other manufacturers. And all of our blades are backed up with our “Total Satisfaction Guarantee”.



### Skalper® Blade Options

<b>SKALPER® IV - Red Blades</b> - Most abrasion and impact resistant urethane available; 82 Duro	<b>SKALPER HT® - Black Blades</b> - Suitable for high temperature applications and exposure to intermittent temperatures up to 250°F (122°C); 82 Duro
<b>SKALPER® III - Blue Blades</b> - General duty belt cleaner applications for standard conditions; 82 Duro	<b>SKALPER UHT - White Blades</b> - Suitable for ultra high temperature applications and exposure to intermittent temperatures up to 350°F (177°C); 95 Duro
<b>SKALPER® II - Gray Blades</b> - Suitable for very abrasive applications and or high speed conveyor belts over 800 fpm; 95 Duro	<b>SKALPER® AR - Brown Blades</b> - Improved resistance to chemicals, acids and caustics; reduced absorption of water in high-moisture environments; 95 Duro

\*Also available with beaded ceramic tip.

## ASGCO® Urethane Outperforms Them All

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.

Properties	Skalper IV®	Competitor Blade
Tensile Strength @ , psi	<b>4389</b>	1746
Tensile Elongation @ Break, %	<b>786</b>	924
100% Modulus, psi	<b>723</b>	884
200% Modulus, psi	<b>910</b>	1037
300% Modulus, psi	<b>1190</b>	1140
<b>*DIN Abrasion, mm³</b>	<b>41</b>	<b>226</b>
Specific Gravity	<b>1.256</b>	1.218
Hardness, A	<b>83</b>	83
Polymer Identification	<b>TDI</b>	TDI

More than 3 times the life of the competitor!!

### Biggest and Most Abrasion Resistant Blade in Class

Blade Life = Volume x Wear Resistance

Cleaner Type	Useable Blade Area (cross section)	Useable Blade Volume
<b>Skalper IV</b>	<b>5.75 in²</b>	<b>160 in³</b>
Competitor #1	4.20 in²	117.6 in³
Competitor #2	3.00 in²	84 in³
Competitor #3	5.50 in²	154 in³
Competitor #4	3.06 in²	85.7 in³

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

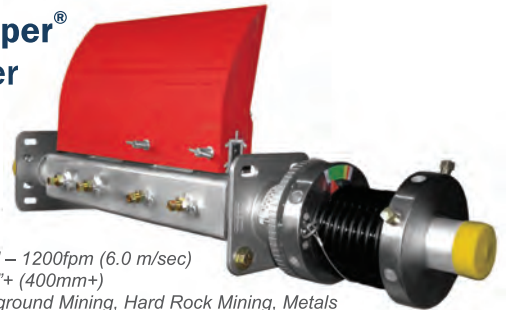
# ASGCO® PRIMARY BELT CLEANING SYSTEMS

## Skalper® Belt Cleaner



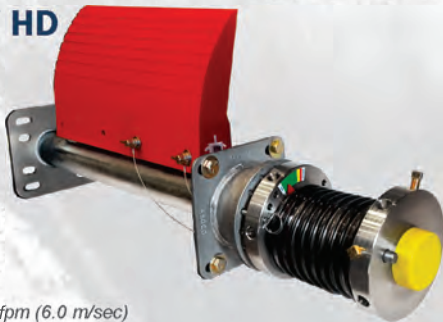
Maximum Belt Speed – 1000fpm (5.0 m/sec)  
Pulley Diameter – 12" – 36" (400 – 900mm)  
Applications – Coal Fired Power Plants, Hard Rock Mining, Steel Mills, Iron Ore, Aggregate and Mineral (Phosphate, Potash, Salt) Mining

## Super-Skalper® Belt Cleaner



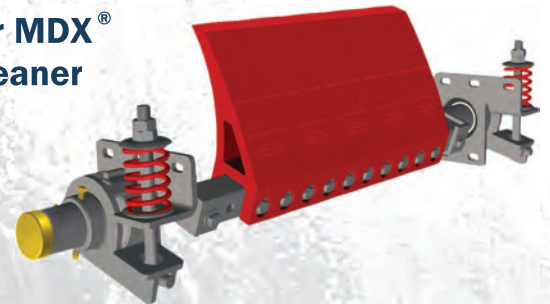
Maximum Belt Speed – 1200fpm (6.0 m/sec)  
Pulley Diameter – 20"+ (400mm+)  
Applications – Underground Mining, Hard Rock Mining, Metals (copper/gold) Mining, Steel Mills, Iron Ore, Bulk Shipping Terminals, Coal Fired Power Plants,

## Super-Skalper® HD Belt Cleaner



Maximum Belt Speed – 1200fpm (6.0 m/sec)  
Pulley Diameter – 20" + (400 – 900mm)  
Applications – Underground Mining, Hard Rock Mining, Metals (copper/gold) Mining, Steel Mills, Iron Ore, Bulk Shipping Terminals, Coal Fired Power Plants, Coal Preparation Plants

## Skalper MDX® Belt Cleaner



Maximum Belt Speed – 1200fpm (6.0 m/sec)  
Pulley Diameter – 24"+ (600mm+)  
Applications – Underground Mining, Hard Rock Mining, Oil Sands Mining, Metals (copper/gold) Mining, Steel Mills, Iron Ore, Bulk Shipping Terminals

## E-Z Skalper® Belt Cleaner



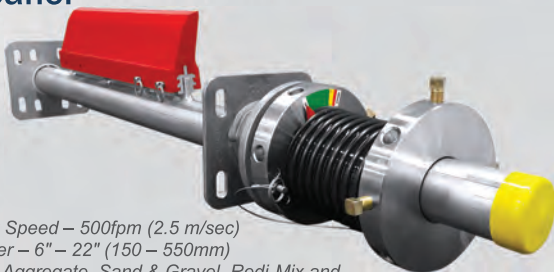
Maximum Belt Speed – 1000fpm (5.0 m/sec)  
Pulley Diameter – 16" – 36" (400 – 900mm)  
Applications – Cement, Wood Processing, Recycling, Hard Rock Mining, Steel Mills, Iron Ore, Aggregate and Mineral (Phosphate, Potash, Salt) Mining

## Skalper III® w/Force-1™ Belt Cleaner



Maximum Belt Speed – 700fpm (3.5 m/sec)  
Pulley Diameter – 12" – 36" (400 – 900mm)  
Applications – Aggregate, Sand & Gravel, Redi-Mix and Asphalt, Cement, Wood Processing Recycling

## Mini- Skalper® Belt Cleaner



Maximum Belt Speed – 500fpm (2.5 m/sec)  
Pulley Diameter – 6" – 22" (150 – 550mm)  
Applications – Aggregate, Sand & Gravel, Redi-Mix and Asphalt, Cement, Wood Processing Recycling



**PRIMARY BELT CLEANERS**  
**BIGGER. STRONGER. MORE DURABLE.**