

SECONDARY BELT CLEANERS

-ARCH SABER SECONDARY/RBS/RGS/V-PLOW/ANGLE PLOW-

You tried everything but carryback continues to be a problem, ruining idlers, pulleys and even belts along the way. You've considered a dual primary system and it didn't work or doesn't fit on the head pulley. In either case, you've got a mess of carryback that will damage your conveyor if it isn't controlled. It doesn't have to be this way, we can help.

ARCH secondary cleaners are engineered for optimum cleaning when your best efforts at the head pulley aren't quite good enough and carryback keeps rearing its ugly head.

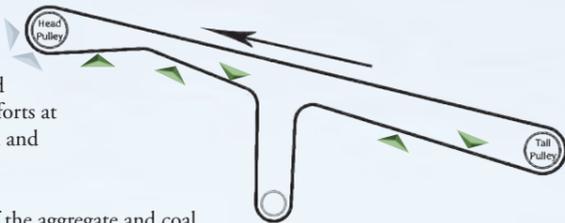
Built to withstand the daily pounding of the aggregate and coal industries, ARCH secondary cleaners **boast solid steel frames and trailing arms** to assure long lives in brutal conditions. Standard with premium **polyurethane or tungsten carbide** blades, ARCH secondary cleaners will rid your belts of the grit and grime that others can't.

The patented **Twister Tensioner** creates and maintains optimum blade-to-belt pressure for the life of the blade, guaranteed. It's this constant pressure across the width of the belt that provides the real cleaning power.

Strategically installed anywhere along the return-belt line, ARCH secondary cleaners attack where it's most needed and eliminate carryback that causes worn idlers and pulleys, belt misalignment, excessive material buildup, and safety hazards. ARCH can stop it before it starts.

Consider it a pre-emptive strike.

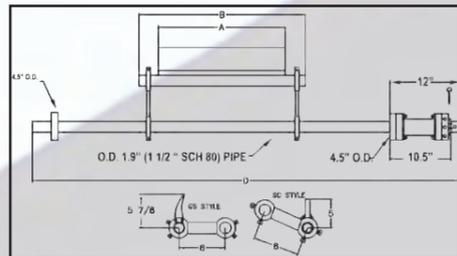
For more information go to www.archenvironmental.com/bc_secondary.htm.



ARCH SABER SECONDARY (GSS)®

ARCH Saber Secondary® (aka GSS®) cleaners, like Saber primary cleaners, use a super-premium polyurethane blade that handles carryback along the return side of the belt.

Its cantilever design maintains optimum cleaning pressure while letting mechanical splices pass harmlessly, saving the blade, belt, and splice from damage.



- for troughing belts 18-96"
- non-segmented blade
- splice safe
- EZ installation
- low maintenance
- stainless steel construction available

A heavy-duty steel trailing arm handles rigorous applications without buckling or bending and is easy to install anywhere along the return belt. As with all Saber cleaners, the Saber Secondary® enlists the muscle of a patented **Twister Tensioner** to ensure that proper blade-to-belt pressure is consistently applied.

Two models, the GSS® (pictured left) with a curved Saber blade and the SC® (pictured right) with straight polyurethane blade, are available.



For more information go to www.archenvironmental.com/bc_secondary_gss.htm.

RBS SECONDARY™

Using proven **leading-edge blade technology** the RBS™ metal-bladed secondary cleaner handles carryback that brute force can't handle alone.

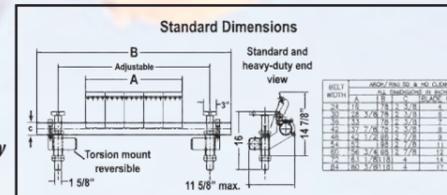
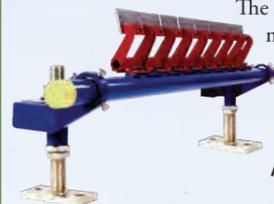
The RBS® eliminates stubborn **tack and slime** often missed by primary cleaners with a **precision-crafted tungsten carbide blade** (pictured).

Delivered **pre-assembled** to your specifications, this aggressive secondary cleaner is **easy to install and handles the toughest conditions at any belt speed**.

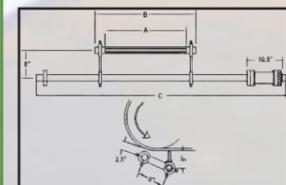
The **durable blade holders** reduce chattermark damage caused by blade oscillation. The unique rolling polyurethane torsion unit applies **consistent pressure and self-adjusts** to compensate for normal blade wear; **manual adjustments are rarely needed**.

For more information go to www.archenvironmental.com/bc_secondary_rbs.htm.

- for belts 18-84"
- metal-blade options
- EZ installation
- low maintenance



ARCH's newest innovation in secondary cleaning, the RGS®, uses the same cantilever design as the GSS® cleaner, but with a **tungsten carbide blade molded in rubber**



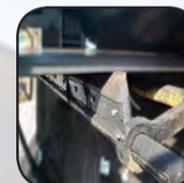
to do the dirty work. This design gives you the **strength and precision** of a metal blade AND the **splice tolerance** of rubber.

The heavy-duty steel trailing arm allows for easy installation anywhere along the return belt line. ARCH's patented **Twister Tensioner** makes constant **re-tensioning unnecessary**, saving you time and money by reducing, or even eliminating, maintenance and costly downtime.

For more information go to www.archenvironmental.com/bc_secondary_rgs.htm.

RGS SECONDARY®

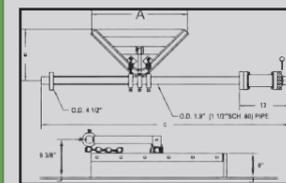
- for belts 12-72"
- metal blade
- splice safe
- EZ installation
- low maintenance
- stainless steel construction available



V-PLOW® & ANGLE PLOW®

- for troughing belts 18-96"
- super heavy-duty
- EZ installation
- low maintenance
- straight or curved blade
- stainless steel construction available

Using our patented **Twister Tensioner** and reinforced cantilever design, the V-Plow® (diagram left) easily discharges material off both sides of the belt while the Angle Plow® (diagram right), recommended for bi-directional belts, just one side. Each is **easily installed anywhere along the return belt**; put it where you need it most! **No manual tensioning adjustments are needed**, so once these plows are installed, you're done.



Several blade options and super duty pipes available; **both can be customized** to best suit your needs.

For more information go to www.archenvironmental.com/bc_secondary_plows.htm.



(Conveying Confidence)



2009 CONVEYOR BELT CLEANERS AGGREGATE/COAL/PULP & PAPER/WASTE HANDLING

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PRIMARY BELT CLEANERS®

-SUPER SABER/SABER MAX/SCM/SABER PRIMARY/MINI SABER-

Economic concerns have placed unprecedented importance on value. Getting more 'bang for your buck' is crucial, and when it comes to conveyor belt cleaners those that require **fewer replacement parts and less maintenance** are the ones that deliver that value. You asked for them and we're happy to oblige.

From the mainframe to the tensioner, *Saber* cleaners are built to last. They require comparatively **little maintenance**, are **easy to install**, and will typically **last up to 12-18 months** in rugged conditions **without damaging your conveyor belts or mechanical splices**.

The **Twister Tensioner®** is an ARCH innovation that separates our belt cleaners from the rest. Made entirely of a proprietary polyurethane compound, the patented

Twister Tensioner® (below) relies on leverage, not mechanics, to find and keep the perfect cleaning pressure **for the life of the blade!** With no moving parts to maintain, the ARCH **Twister Tensioner®** is the ONLY tensioner that **doesn't jam, short-out, slip-up, decompress, deflate, or disengage**.

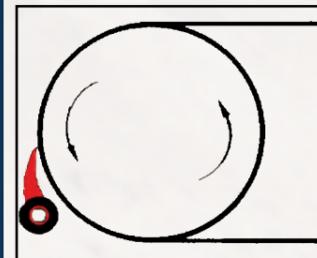


-Twister Tensioner® guaranteed for life!

The unique saber tooth design of all ARCH cleaner blades shaves carryback at the most efficient point of attack, the head pulley, while resharpening itself for long-term effectiveness (see below left). For extra stubborn carryback consider a **dual cleaner system**, available on all ARCH primary cleaners, which doubles your chances of complete carryback elimination.

ARCH *Saber* primary cleaners are used by some of the largest aggregate, coal, and pulp facilities in the world, all with three primary goals:

to **minimize waste, increase production, and maintain safe environments.**



-Saber blades attack at the head pulley while re-sharpening

After 30 years of 'Conveying Confidence' to our customers and distributors around the globe, we hope we can help make your facility more productive and safe. ARCH belt cleaners, **simple to use, difficult to beat.**

If you'd like more information about ARCH primary cleaners please contact us at **800-553-4567** or info@archenv.com or visit www.archenvironmental.com/bc_primary.htm.



-proud member

SUPER SABER®

The alpha male of ARCH's cleaner line, the *Super Saber®* is as tough as it sounds. With a HUGE segmented blade pressed on a heavy-duty steel frame and **dual Twister Tensioners®**, the *Super Saber®* is the premier defense against stubborn carryback on large belts.



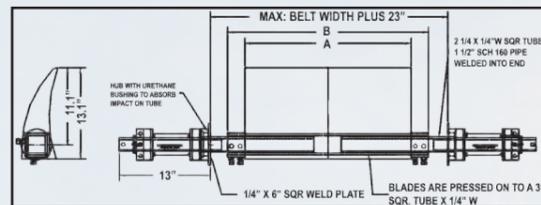
This is the cleaner you want for extreme conditions or abrasive material. As with all *Saber* cleaners, the *Super Saber®* is incredibly **easy to install** and requires **minimal maintenance**. This means more continuous running and less costly downtime.

At nearly a foot, the super-premium polyurethane blade makes this monster gentle on mechanical splices and belts but impenetrable to carryback. As durable as it is menacing, the *Super Saber®* uses heavy-duty steel for the mainframe and square tubing that **won't buckle, bend, or break**.

Recommended for **30" head pulleys or larger**, the *Super Saber®* is the big solution for big belts. Many blade options available; call the factory at **800-553-4567** for more details.

For more information go to www.archenvironmental.com/bc_primary_supersaber.htm.

- for belts 18-120"
- splice safe
- EZ installation
- heavy duty applications
- low maintenance
- dual cleaner systems available
- stainless steel construction available



SABER MAX®

NEW

The newest member of the ARCH primary cleaner team, the *Saber Max®* boasts **dual Twister Tensioners®** and steel mainframe that meet tough conditions with even tougher attitude. The **non-segmented blade** and **channel-mount frame** allow fast blade replacement from either side of the conveyor.



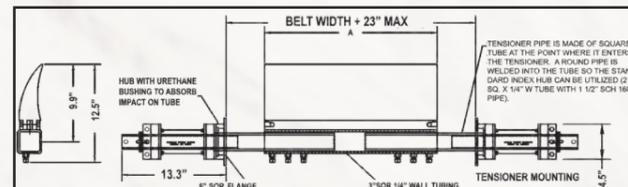
Saber Max® is quickly becoming ARCH's most popular primary cleaner in the aggregate and coal industries.

For more information go to www.archenvironmental.com/bc_primary_max.htm.

- for belts 18-120"
- splice safe
- heavy-duty applications
- EZ installation
- low maintenance
- dual cleaner systems available
- stainless steel construction available

Easy installation and minimal maintenance make the *Saber Max®* a favorite among maintenance personnel and operators. A premium, polyurethane blade re-sharpens itself, assuring maximum contact across the width of the belt.

For those who want the ease of a channel mount cleaner but need the strength and durability of a massive blade, the *Saber Max®* is the perfect choice. **Recommended for 24" head pulleys or larger.**



SABER CHANNEL MOUNT (SCM)®

An up-dated version of our flagship *Saber Primary®* cleaner, the *SCM®* features a reinforced frame and a channel-mount design for faster blade replacement from either side of the conveyor.

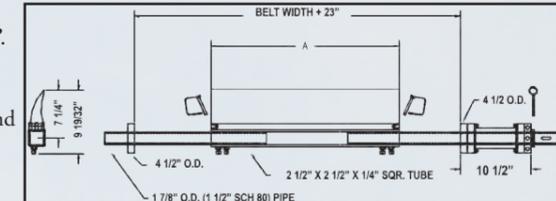


The *SCM®* cleaner sports a stout, curved polyurethane blade to assault problematic carryback at the head pulley. A standard **Twister Tensioner®** maintains optimum blade-to-belt pressure for consistent, maintenance-free cleaning. **A dual tensioner is recommended for belts over 84"**.

One of first belt cleaners to feature **single-pin blade removal**, the *SCM®* is easy to replace and maintain. Many blade options available.

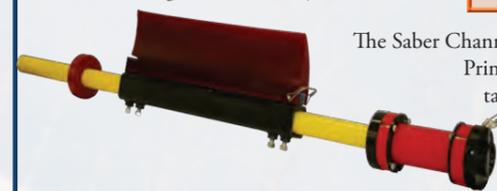
For more information, go to www.archenvironmental.com/bc_primary_scm.htm.

- for belts 18-96"
- splice safe
- EZ installation
- low maintenance
- dual cleaner systems available
- stainless steel construction available



ARCH SABER® PRIMARY

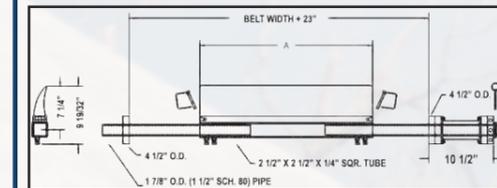
The standard-bearer of the ARCH arsenal, the ARCH *Saber Primary®* cleaner has been synonymous with belt cleaning for two decades and is still setting standards today.



The Saber Channel Mount cleaner has all the great features of the *Saber Primary*, with a reinforced blade and frame that allows it to take even more abuse. Plus, the blade can be easily replaced from either side of the conveyor, minimizing downtime.

As tough today as it was in 1980, the *Saber Primary®* cleaner is still **considered by many to be the best primary cleaner on the market.**

For more information go to www.archenvironmental.com/bc_primary_primary.htm.



MINI SABER®

Featuring big performance from a little blade, the *Mini Saber®* is **ideal for head pulleys 22" or smaller**. While traditional cleaners tend to wear unevenly and too soon when working on small pulleys, the *Mini Saber®* lasts longer by wearing evenly across the entire width of the blade.

Like its larger *Saber* counterparts, a super premium polyurethane blade and a **mini Twister Tensioner®** make the *Mini Saber®* a formidable foe for any material. As will **all ARCH cleaners**, the *Mini Saber®* utilizes a **solid steel mainframe** that resists bending or buckling under extreme pressure.

For more information go to www.archenvironmental.com/bc_primary_mini.htm.

- for belts 18-48"
- splice safe
- EZ installation
- low maintenance
- dual cleaner systems available
- stainless steel construction available

