

Exterra® SFL Dual Belt Cleaner



Secondary Scraper Mounted in a Primary Position



*Patent Pending

Quick Specs

- ▶ Pulley Diameters: 12" - 30"
- ▶ Belt Widths: 18" - 60"
- ▶ Secondary: AR Steel or Tungsten Carbide

Frequently Asked Questions

When do I need a secondary cleaner?

- ▶ *Whenever the belt is not getting clean enough with a primary scraper is the simplest answer. More specifically, in applications with sticky, aggressive material when cleaning is absolutely necessary.*

What is special about the design?

- ▶ *Because conveyor frames are not usually designed to accommodate secondary cleaners, they aren't usually installed. Sharing one mounting pole, this system allows primary and secondary cleaning power without modifying a conveyor structure.*

Will the system fit in my application?

- ▶ *If you have room for a single primary belt scraper in your application, then you will have plenty of room for this model. However, the unit will not fit near a snub pulley, even if that region is equipped with a primary scraper.*



EXTERRA SFL DUAL BELT CLEANER

Features and Benefits

Hassle-Free, In-Field Installation

- ▶ One common mounting point
- ▶ Secondary blade shares primary blade's mounting pole and tensioner
- ▶ Maintain existing conveyor structure
- ▶ [Installation Instructions](#): Search YouTube for keywords "Exterra SFL Dual Belt Cleaner"

Set for Life Tensioning

- ▶ Spring tension is set to match primary blade wear pattern
- ▶ As primary blade wears, spring automatically adjusts to keep proper tension to both blades
- ▶ Tension is load equalizing as one or both blades wear, dynamically maintaining accurate tension

Extended Wear Life

- ▶ The primary blade is packed with 15-40% more urethane than competition (durometer = 87A)
- ▶ High performance AR Steel (STD) or Tungsten Carbide on tip of the secondary blade
- ▶ Segmented secondary blade is designed to withstand conveyor vibration and impact from belt splice

User Friendly Maintenance

- ▶ Replaceable secondary blade segments adjust to accommodate all splices
- ▶ Replaceable primary blade
- ▶ One time tensioning for the life of blade

Exterra SFL Dual Belt Cleaner



- 1 Primary Blade**
 - ▶ Packed with 15-40% more urethane.
- 2 Mounting Brackets**
- 3 Mounting Pole**
 - ▶ Avoid adding to conveyor structure with a single mounting point.
- 4 Secondary Blade**
 - ▶ Choose from AR steel or tungsten carbide.
- 5 Splice Adjustment (Fig 13.2 - 13.3)**
 - ▶ Modify the angle of the secondary blade to accommodate belt splice style.
- 6 Tension Springs**
 - ▶ Set the tension once, during installation, for the life of the blade.

Splice Adjustment

A perpendicular angle is best for cleaning when a vulcanized splice is present

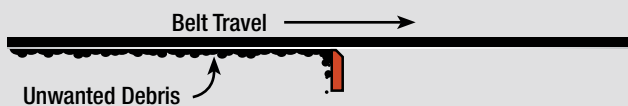


FIG 13.2 VULCANIZED SPLICE

A "scraping" angle provides relief for the passing of a mechanical splice



FIG 13.3 MECHANICAL SPLICE