



# 1C Belt Cleaners

*single blade belt cleaner*



***RICHWOOD***

*Proven Solutions. Expert Advice.*



**Clean belts give you**

## 1C Belt Cleaners

The best way to reduce maintenance and the associated costs is to specify components that don't require constant attention.

Efficient operations require components that can be relied on to get the job done. Richwood can help your operations run more profitably. We design engineered solutions that are built for long life in severe applications and are easy to install and maintain.

We believe less maintenance lets you be more profitable. When belt cleaning problems are effectively solved, you can build your business by concentrating your attention where it is needed.

With the 1C Belt Cleaner in place, your immediate return on investment is a clean belt. Additionally, belts free from carryback mean saved components and clean work areas.

The 1C is a single blade cleaner. It can be used with a variety of blade types. Its patented design uses self-adjusting cleaning pressure and specially formulated blades to resolve the problem of carryback.

The heavy duty frame is built for all types of operating conditions including those with highly corrosive materials. It's tough enough to meet the production demands of any application.

Built with heavy duty cast parts, a closed air system, rotating or fixed cross holders and the original one-pin blade change out, the 1C belt cleaner has continued to evolve to become a trusted component in the world's largest conveying operations.

The 1C Belt Cleaner commonly uses the R2000 rubber blade. It is belt and splice friendly and has two wear edges. When one side is used, simply rotate the blade cartridge to the new edge for a fresh cleaning surface. Dual sided blades reduce costs and change out time.



**single blade belt cleaner for primary and secondary applications**



*maximum belt up time*  
*reduced clean up costs*  
*safer work areas*  
*saved components*

## Patented Blade Media

### R2000-60 Rubber Blade

R2000-60 Durometer rubber media has dual cleaning edges. It is a bi-directional blade suitable for use on reversing conveyors.

### R2000

The R2000 provides optimum cleaning performance and wear resistance. The R2000 is a single direction blade with two cleaning edges.

### R2000-40 Blade

R2000-40 Durometer Rubber media has a rigid backing and dual cleaning edges. R2000-40 Blade media is applied to conveyors carrying wet or sticky fines. R2000-40 is the standard blade media for use on model 1C-M pre-cleaners.

### ITC Tungsten Carbide Blade

The ITC is a one piece molded cartridge with three media layers. The ITC incorporates a continuous Tungsten Carbide edge that cleans the full width of the belt. Once air pressure is set, the ITC will provide months of uninterrupted service with no maintenance.

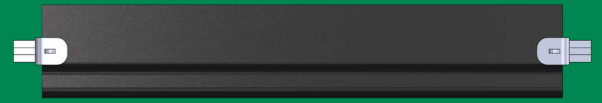
Every Model 1C Cleaner is specifically designed for each conveyor application. Richwood's custom engineering allows you to have confidence that your belts are being cleaned safely and effectively.

Eliminate waste in your process. Trust Richwood belt cleaners to take care of carryback on your belt lines.

Richwood offers complete engineering support and assistance. Rely on Richwood.

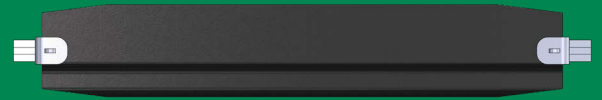


## Blade Shapes



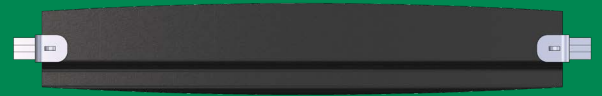
### Straight Blade

Typically applied to new belts or to thick, tightly tensioned belts. It may be applied on a 1C pre-cleaner positioned on the discharge pulley or behind the pulley.



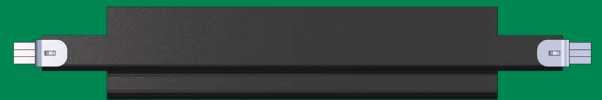
### Arrow Blade

The Arrow has a straight cleaning edge with tapered corners. The Arrow shape concentrates cleaning pressure to the center of the belt.



### Form-S Blade

The contour of the blade compensates for belt center trough stretch. It equalizes blade-to-belt pressure across the full width of belts in a stretched condition.



### Center Cleaning Blade

Designed for use in Model 1C Precleaner applications where pressure must be directed toward the center of the belt.

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- Impact Protection Systems
- Material Containment Systems
- Pulley Lagging
- Wear Liners
- Other Accessories

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