

PERFORMANCE RETRO KIT

Customers who purchased Cablevey conveyors for

PNEUMATIC TENSIONING SYSTEM

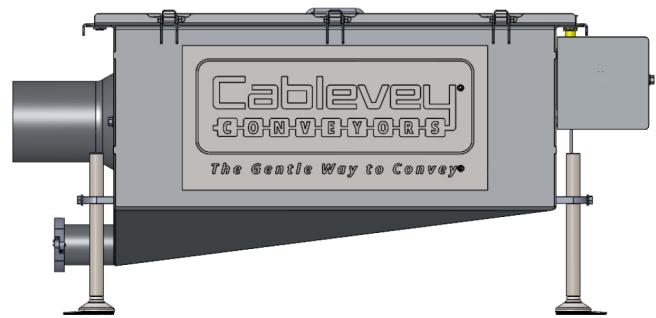
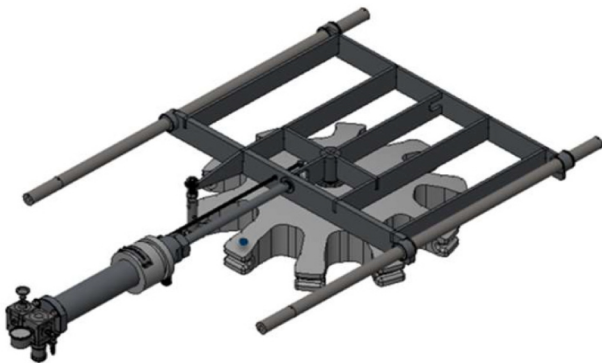
The pneumatic tensioning system is composed of a pneumatic cylinder, a regulator with dump valve, and a gauge. Adjusting the regulator allows the operator to increase or decrease the tension on the cable. The pneumatic tensioning system offers advantages over a spring tension system whether you have a 200 series or a 300 series.

If your 200 series system is unstable due to length of system or frequent buildup, a pneumatic tensioning system may be able to

offer the additional tension you require.

For the owners of a 300 series, pneumatic tensioning system offers much more fine adjustment than the torsion springs. Additionally, adjustments to tension can be made while the system is still running, and access space behind the turnaround is no longer required.

Whether the system shuts off due to insufficient tension, or you shut it off to make adjustments, this downtime costs you money.

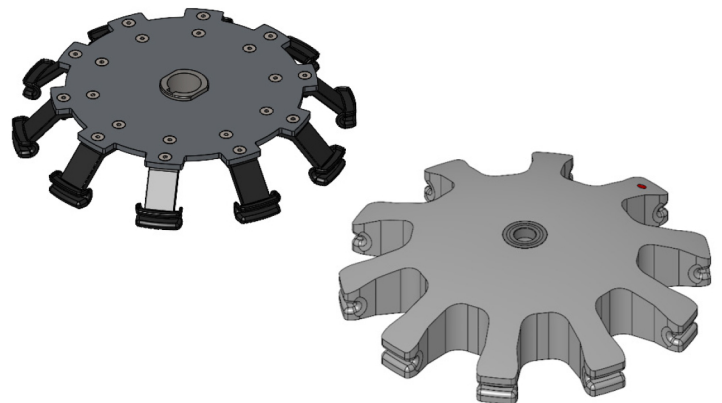


The square box on the right is the cover of the spring tensioning system, and requires room to be removed, adjusting tension also requires room for access.

POLYMER SPROCKET

The most expensive single component of a Cablevey system is the cable. As a wear item, the cable does require occasional replacement, but one way to extend the cable life is to make the switch from stainless sprockets to polymer sprockets. The low friction polymer employed in these sprockets are less abrasive on the cable, increasing cable lifespan. While more gentle on the cable, polymer sprockets will require more frequent replacement than stainless.

This is not a solution for every customer, including those moving a highly abrasive product or operating at higher temperatures, but this is an easy improvement to make for many customers.



Above is shown a stainless drive sprocket and a polymer turnaround sprocket. The smooth contours of the polymer sprocket prevent buildup and allow for easy water runoff making a more sanitary design.

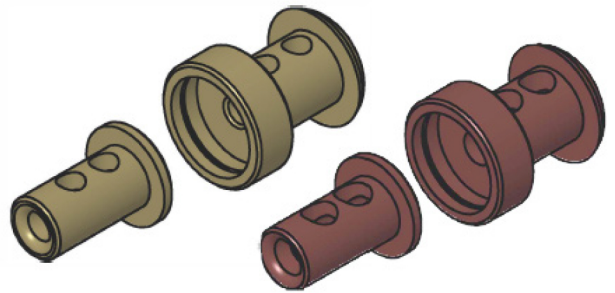
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REDESIGNED CABLE CONNECTOR

With our redesigned cable connector customers can expect the cable to last much longer. The new design decreases the stresses where the cable bends in the male connector increasing the life of cable in this joint to last 10 times as long.

Most of our customers have already made this switch, and have experienced great gains in cable life. If you haven't, you are missing out!

Our connectors are coated with a food-safe durable coating, letting us color-code the different sizes of connectors we offer for the different sizes of cable. See the following section for more information on 5/16" coated cable.



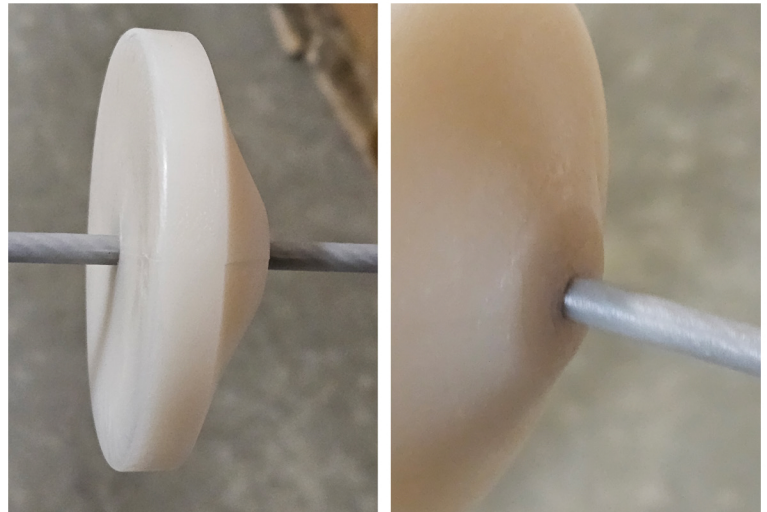
COATED 1-PIECE 5/16" CABLE

In an effort to improve sanitary installations for our customers, Cablevey has developed 1-piece coated 5/16" cable.

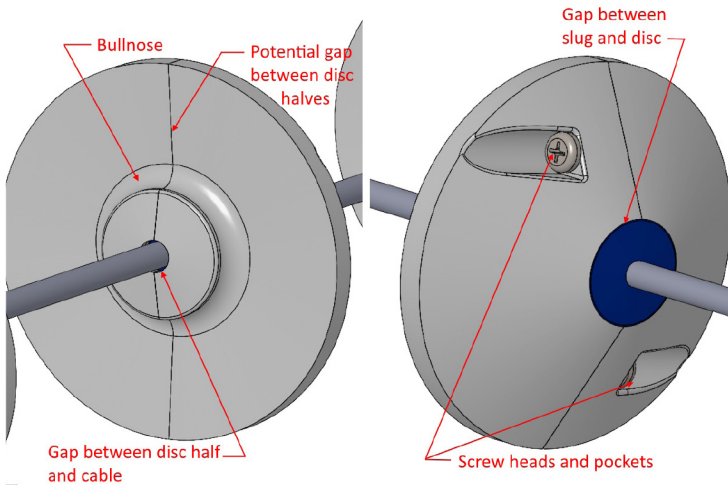
One-piece discs are injection molded directly onto the cable, unlike the 2-piece discs that are manually assembled to the cable. The molded plastic creates a tight seal between the disc and the cable, reducing the likelihood of food harborage and pathogen growth.

The surface of the 1-piece disc is smooth and offers no nooks or crannies where food product can build up, harbor allergens, and foster the growth of pathogens. Two-piece discs have screw holes and potential harborage in gaps. These features of the 1-piece disc improve the cleanability by brushes and air-knives and water easily runs off the surface for a wet clean.

We've also nearly perfected our cable coating materials and process. Our cable coating retains the cable lubricants and protects the load-bearing metal portion of the cable from direct contact with abrasive materials and action. This coating extends



The photos above show the smooth surface of the 1-piece disc and the tight seal between the disc and the cable. In this image the cable has coating, but a similar contact exists between the disc and bare cable.



the lifespan of a bare cable many times, and is very durable. It serves as a diagnostic tool, forewarning the customer that the cable or the coating are reaching their end of life. Sudden failures of cable and coating have all but stopped.

In the last few years, we have standardized on a 5/16" diameter coated cable. The heavier cable resists stretching better than the earlier 1/4" coated cable, which increases the stability for longer and/or harder-pulling systems. If cable is allowed to stretch significantly between being loaded and unloaded, the system is less tolerant of any mild hiccup that might occur, and may shut off over what seems like nothing. Talk to your sales rep today about