

DataSheet

ProSpare

Starclean® Belt Cleaners - Pre-cleaner

The Starclean 700 & 800 series pre-cleaner is highly effective at removing carryback from the conveyor belt, particularly in applications conveying high tonnages, wet and coarse material. This primary position cleaner is fitted at the 'on head' position of the head pulley.

Starclean utilises patented TWIST-SWING® technology to provide optimum contact between the scraper and belt. Each blade segment is individually tensioned against the belt, as blade segments start to wear the optimum pressure is maintained from the spring-like properties of the polyurethane blade design. The individual blades adapt to the belt surface, ensuring consistent and efficient cleaning performance.



Effective cleaning, kind on the belt

Consistent blade to belt contact

Individually tensioned blade segments

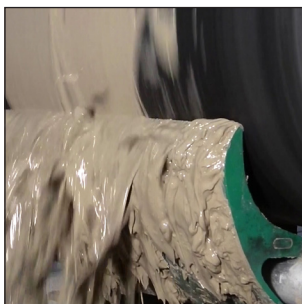
Simple to use tensioning devices

Easy to adjust and maintain in-house

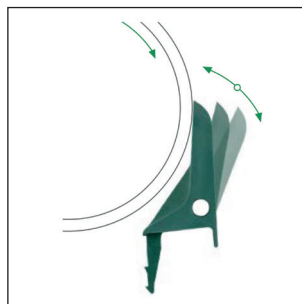
Wear resistant polyurethane blades

The modular system is extremely quick and simple to maintain. Starclean blade segments snap into the blade base without the need for tools and are tensioned against the belt with an operator friendly tensioning device, significantly reducing downtime to get conveyors up and running more quickly.

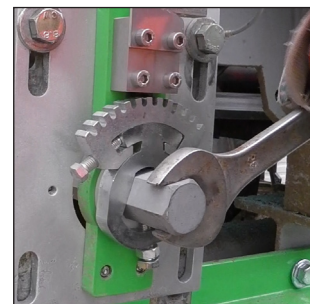
The 700 & 800 series pre-cleaners are highly flexible and can be used on a wide variety of applications. It is suitable for use on both single direction & reversible belts and can also be used on belts with mechanical joints.



Consistent belt contact, even after blade wears

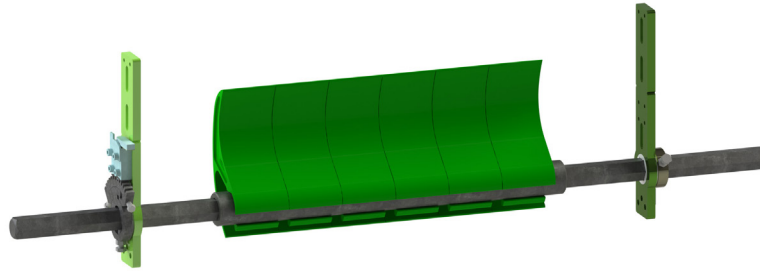


TWIST-SWING® individual blade tensioning



Easy to use, operator friendly tensioners

Key components and options:



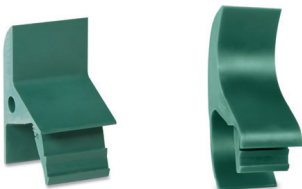
Option 1 - 800 series tensioner

This ratchet based tensioner is extremely simple to use. Simply crank the snap-action ratchet to add tension, alternatively pull the quick release lever to instantly disengage the blades for easy replacement. The compact, flexible design allows mounting in even the tightest of areas.



Option 2 - 700 series tensioner

The unique, patented torsion-tensioning device is the most user friendly option. Internal springs within the drum reduce frequency of adjustment. The integrated scale makes routine maintenance quick and easy for site staff. Simply rotate the nut until the pre-determined figure is reached for optimum blade contact pressure.



Polyurethane scraper blades

The special polyurethane formula and high wear volume ensures excellent service life. A number of different profiles are available to suit pulley diameter, duty and belt characteristics.



Maximise blade wear life



Toolless blade replacement

ProSpare

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