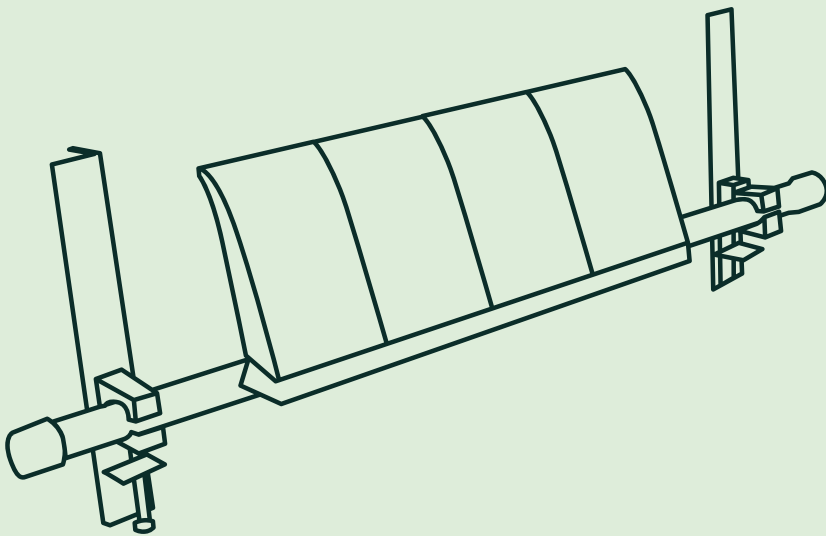




# ***BELT CLEANERS***



# ***BELT CLEANERS***

## **MANY CONVEYOR BELT & VULCANISED SPLICE PROBLEMS IN BULK MATERIALS HANDLING ARE CAUSED BY CARRYBACK MATERIAL.**

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The installation of a reliable conveyor belt cleaner will help minimise many of these problems and keep costly housekeeping to a minimum and maximise uptime.

Smiley Monroe's conveyor belt cleaning system features primary and secondary cleaners with either polyurethane (PU) or tungsten carbide blades to ensure consistent cleaning efficiency and easy-to-fit replacement parts are all available from stock.

Our range is designed with your sector in mind – whether you're an end user handling bulk materials or an OEM of materials processing equipment.

# WHY BELT CLEANERS?



Available with Polyurethane (PU)  
or Tungsten Carbide blades



Simple installation



OEM friendly



Longer product life



Consistent cleaning efficiency



High efficiency & low maintenance



Replacement parts available  
from stock



# **CLEANERS & SCRAPERS**

## **MONOBLADE PRIMARY PU CLEANER**



### **LONG SERVICE LIFE**

Heavy duty polyurethane (PU) blade designed to keep a cleaning edge as it wears



### **OEM Friendly**

Ideal for the aftermarkets of mobile equipment manufacturers



### **HIGH EFFICIENCY & LOW MAINTENANCE**

Simple spring tensioned segmented polyurethane (PU) blades conform to the belt head pulley for consistent cleaning efficiency



### **REPLACEMENT PARTS**

Easy-to-fit quick release 2 pin blade available from stock



### **SIMPLE INSTALLATION**

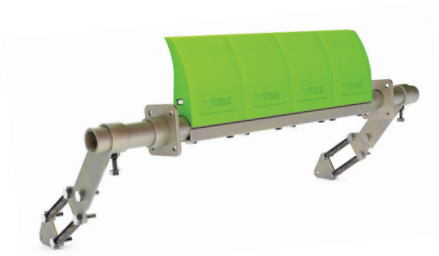
Suitable for limited space applications & retrofitting



### **HEAVY DUTY POWDER COATED TUBULAR STEEL POLES**

Wall thickness - 5mm  
Outside diameter - 60.3mm  
Inside diameter - 50.3mm

## **MODULAR** PRIMARY PU CLEANER



### **LONG SERVICE LIFE**

Interchangeable blades designed to keep a cleaning edge as they wear



### **OEM Friendly**

Ideal for the aftermarkets of mobile equipment manufacturers



### **HIGH EFFICIENCY & LOW MAINTENANCE**

Simple spring tensioned segmented polyurethane (PU) blades conform to the belt head pulley for consistent cleaning efficiency



### **REPLACEMENT PARTS**

Available from stock & easy-to-fit



### **SIMPLE INSTALLATION**

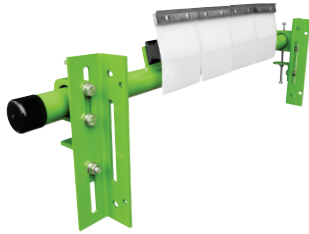
Suitable for limited space applications & retrofitting



### **HEAVY DUTY ZINC COATED TUBULAR STEEL POLES**

Wall thickness - 5mm  
Outside diameter - 48.3mm  
Inside diameter - 38.3mm

## **ST** SECONDARY TUNGSTEN CLEANER



### **LONG LIFE**

Thanks to German made tungsten carbide blade tips set at a non-aggressive 70° angle, mounted on rubber cushions



### **SIMPLE INSTALLATION**

Suitable for limited space applications & retrofitting



### **HIGH EFFICIENCY & LOW MAINTENANCE**

Segmented blades conform to the contour of the belt for consistent cleaning efficiency



### **REPLACEMENT PARTS**

Available from stock & easy-to-fit

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## **STR** REVERSIBLE SECONDARY TUNGSTEN CLEANER



### **LONG LIFE**

Thanks to German made tungsten carbide blade tips set at a 90° angle, mounted on rubber cushions



### **SIMPLE INSTALLATION**

Suitable for limited space applications & retrofitting



### **HIGH EFFICIENCY & LOW MAINTENANCE**

Segmented blades conform to the contour of the belt for consistent cleaning efficiency



### **SUITABLE FOR REVERSIBLE BELTS**



### **REPLACEMENT PARTS**

Available from stock & easy-to-fit

# ***CLEANERS & SCRAPERS***

## ***PU CHEVRON CONVEYOR BELT SCRAPER***



The PU Chevron Conveyor Belt Scraper offers several benefits, and is designed to remove material stuck on the chevron conveyor belt, preventing carryback and improving the efficiency of the system.



### ***EFFICIENT CLEANING***

Chevron belts have raised rubber patterns that make traditional flat scrapers ineffective. The PU chevron scraper is designed to clean between the patterns of these belts, removing stuck material more effectively. This prevents material buildup, ensuring smoother operation and minimizing belt damage or misalignment.



### ***DURABILITY & RESISTANCE***

PU is known for its excellent wear resistance, flexibility, and long lifespan compared to other materials like rubber or plastic.

PU scrapers are highly resistant to abrasion, oil, grease, and other harsh chemicals, making them ideal for demanding environments such as mining, construction, agriculture, and bulk material handling.



### ***REDUCED MAINTENANCE COSTS***

By efficiently cleaning the belt, PU chevron scrapers reduce carryback, which helps extend the lifespan of the belt and other system components (like rollers and idlers) by preventing material accumulation.

Less wear and tear on both the conveyor belt and the scraper means reduced downtime for repairs and replacements, leading to lower maintenance costs.



### ***ENHANCED PRODUCTIVITY***

By keeping the belt clean, PU chevron scrapers minimize material loss and prevent interruptions in the production flow, ensuring continuous and efficient material transport.

It also reduces the need for manual cleaning, allowing the system to operate at maximum productivity with fewer stops.

**ENVIRONMENTALLY FRIENDLY**

PU scrapers are more environmentally friendly as they last longer and need to be replaced less often compared to traditional rubber scrapers. This leads to reduced waste and lower environmental impact over time.

**VERSATILITY**

PU chevron scrapers are versatile and can handle a variety of materials, including wet, sticky, or abrasive substances like sand, gravel, coal, and even moist organic matter. This makes them suitable for use in multiple industries.

PU chevron rubber conveyor belt scrapers provide efficient, durable, and cost-effective cleaning solutions for chevron-patterned conveyor belts. They improve system performance, reduce maintenance costs, and extend the lifespan of both the belt and the scraper itself.





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