

# MINELINE® MSS

## Standard-Duty Secondary Belt Cleaner

### Mine-Tough Conveyor Products Built for Mining.

#### *Cost-Effective, Reliable Belt Cleaning.*

The Mineline® MSS Secondary Belt Cleaner features carbide-tough cleaning blades, self-adjusting spring tensioners and do-it-yourself installation. This simple but durable design provides quality cleaning performance at an affordable price.

Long-wearing tungsten carbide blades provide the cleaning power while individual cushions independently tension each blade to the belt for a controlled blade pressure that insures a consistent cleaning job. A self-contained spring tensioning system powers the cushions and provides additional dampening for problem-free interaction with mechanical belt splices. The Mineline Standard-Duty Secondary Belt Cleaner (MSS) delivers quality cleaning efficiency on standard-duty conveyor belts without straining the budget.



#### *Self-Adjusting Blade Tensioning.*

A unique spring tensioning system provides self-adjusting blade pressure and can be reset with just a few turns on the tension nuts. Each tensioner comes completely assembled on a cleaner mounting base so the unit is compact and out of harm's way. The automatic adjustment feature allows the cleaning blades to conform to the belt and maintain consistent cleaning power. The spring and the torsion pole mount also provide additional dampening for blade interaction with mechanical belt splices. Retensioning maintenance, when needed, is quick and easy. A simple measurement of the tension spring length determines if the blades have the proper tension. A chart right on the mounting base shows the correct spring length for the belt width. A quick adjustment on the tension nuts brings the blades back to optimal tension.



*A self-contained spring tensioner delivers constant tensioning power to the cushions and blades for consistent blade-to-belt contact.*



*Unique, segmented cushions deliver independent tensioning to each blade, ensuring consistent cleaning power throughout the life of the blade.*

#### *Continuous Cleaning Results.*

A key to cleaning efficiency is blade-to-belt contact. The MSS Cleaner utilizes segmented blades and individual cushions so the cleaning tips can adjust independently to the contours of the belt and maintain constant blade-to-belt contact as they wear. This means a more consistent cleaning job, especially in the belt's load-carrying center, throughout the life of the blades. Tungsten carbide blades efficiently remove the maximum amount of carryback materials and deliver extra-long wear life. A specially-formulated carbide C-Tip achieves the cleaning power on mechanically spliced belts that was once only possible on vulcanized belts.

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### Quick Tension Check for Blade Retensioning

*A simple measurement of the tension spring length tells if the blades are properly tensioned. If retensioning is needed, a few turns on the tension nuts bring the blades back to the correct tension for the best cleaning job.*

### Quick to Install. Easy to Maintain.

The MSS Cleaner is delivered ready to install. It can be mounted in the optimal location 4" (100mm) from the transition point where the belt leaves the head pulley or in any location down the beltline. Choose the spot and bolt or weld the mounting bases in place. Install the pole, set the blade angle and tension the blades to the belt. That's all there is to it. Step-by-step instructions are included with each cleaner.

Maintenance is minimal. Few parts and a durable, corrosion-protected steel construction mean a long service life. The only required service is to occasionally check the tension spring for blade pressure and to make a quick adjustment if necessary. The blades typically last up to a year or more before replacement is needed.

### Other Features and Benefits.

- C-Tips - work with mechanical fasteners. A laid-back wiping blade angle, impact-absorbing cushions and dampening spring tensioners allow mechanical splices to pass without damage to the impact-resistant blades or the splice, and with minimal cleaning disruption.
- V-Tips - extra long wearing tungsten carbide for vulcanized belts.
- Complete cleaning system. Team the MSS Secondary Cleaner with the MSP Precleaner and this complete cleaning system delivers maximum cleaning power for any standard-duty conveyor.
- Safe to service. All service can be performed from a safe position at the side of the conveyor.
- Made for mining conveyors. An extra-long pole (belt width plus 54"/1350mm) makes the MSS easy to install on varying width conveyor structures. Available for belt widths from 24" to 84" (600 to 2100mm).

#### Ordering Information

##### MSS Secondary Belt Cleaners with C-Tips

Belt Width		Blade Coverage		Item Code	Ordering Number
in.	mm	in.	mm		
24	600	24	600	75852	MSS-24
30	750	30	750	75853	MSS-30
36	900	36	900	75854	MSS-36
42	1050	42	1050	75855	MSS-42
48	1200	48	1200	75856	MSS-48
54	1350	54	1350	75857	MSS-54
60	1500	60	1500	75858	MSS-60
72	1800	72	1800	75859	MSS-72
84	2100	84	2100	76802	MSS-84

#### Ordering Information

##### MSS Secondary Belt Cleaners with V-Tips

Belt Width		Blade Coverage		Item Code	Ordering Number
in.	mm	in.	mm		
24	600	24	600	76148	MSS-24V
30	750	30	750	76149	MSS-30V
36	900	36	900	76150	MSS-36V
42	1050	42	1050	76151	MSS-42V
48	1200	48	1200	76152	MSS-48V
54	1350	54	1350	76153	MSS-54V
60	1500	60	1500	76154	MSS-60V
72	1800	72	1800	76155	MSS-72V



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