

MINELINE® MMP Medium-Duty Precleaner

Mine-Tough Conveyor Products Built for Mining.

Extra Cleaning Power for Tough Jobs.

The Mineline® MMP Medium-Duty Precleaner tackles those tough applications where the standard-duty precleaner is not sturdy enough but the heavy-duty cleaner is overkill. The MMP is built tough with a heavy-duty pole, a larger, powerful blade and a beefy, dual tensioning system. Yet installation is simple, maintenance is quick, and bottom line—the cleaning job is excellent.

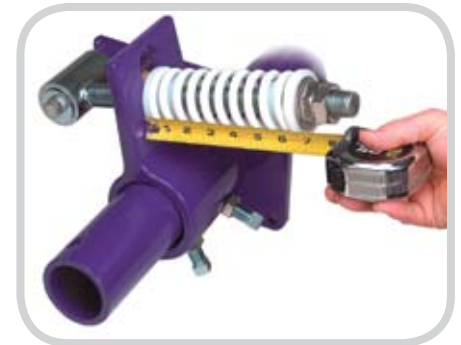
The MMP uses a 10" (250mm) TuffShear™ blade that has the same patented design as Flexco's successful ConShear™ solid blade. The larger blade provides the optimal increased blade tip tension on the belt to peel off materials on high-speed and high-load conveyor applications. The blade's proprietary urethane formulation is designed for high abrasion resistance and extended wear life.



Visual Tension Check.

Optimal blade tensioning on the belt is the key to good cleaning performance. Most cleaners start out doing a decent job, but soon the blade wears a little. Consequently, the tension is reduced, and so is the cleaning efficiency. And, because of the tensioner design in most cases, the user has no way of determining again what the optimal tension is when doing the retensioning maintenance.

The MMP has dual Quick Mount Tensioners (QMTs) that allow the blade tension to be visually inspected. Simply measure the spring length, check the chart adhered to the mounting base for the correct length, and make a few turns on the adjusting nuts. The blade tension is back to its optimal setting. It's easy and repeatable.



A quick measurement of the tension spring makes it easy to see if the blade is at optimal tension.



TuffShear's faceted profile design allows the blade to renew its cleaning edge as it wears, maintaining maximum cleaning power.

Easy to Install. Simple to Service.

All MMP Precleaners come complete with mounting plates and assembled tensioners that are ready to install. Step-by-step, illustrated instructions include specific measurements for exact pole location; and optional measurements are also provided to make it easier to work around obstructions. The universal mounting plates can be bolted or welded to the chute or conveyor structure. Three-piece telescoping poles are lighter to lift and easier to position in the mounting plates. Optional mounting bars and plates are also available to provide a mounting surface on open belt heads. Very little service is required. An occasional check of the blade tension and simple retensioning is about all that is required between blade replacement maintenance.

Quick-Change Blade Feature

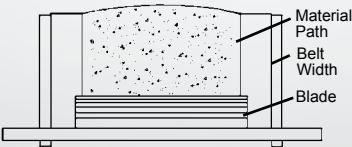


No tools are needed. Just pull one pin, remove the old blade, slide in the new one and replace the pin.

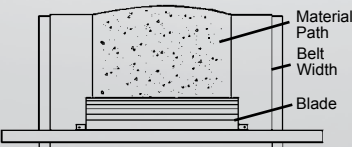
Material Path Option

For optimal cleaning and reduced retensioning maintenance, select the blade width that covers the belt's material path only. The standard MMP Precleaner comes with a blade that is belt width minus 6" (150mm) in length. For conveyors with reduced material paths, each cleaner size can be ordered or retrofitted with a blade that is belt width minus 12" (300mm) or minus 18" (450mm).

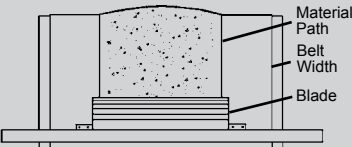
Belt Width Minus 6" (150mm) Standard



Belt Width Minus 12" (300mm)



Belt Width Minus 18" (450mm)



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Other Features and Benefits.

- **Compact.** Requires only 4" (100mm) of horizontal clearance for installation.
- **Versatile.** Pole length is belt width plus 54" (1350mm) to fit varying conveyor or chute wall widths. Pole extenders are available for extended length requirements.
- **Compatible with Flexco and other mechanical splices.** The spring tensioners quickly move the blade away from the belt when the splices pass. The urethane blade easily glides over the splice without damage and with minimal cleaning disruption.
- **Made for mining conveyors.** Made from heavy-duty steel with corrosion-resistant powder coating, the MMP is available in sizes for belt widths from 24" to 84" (600 to 2100mm). Special sizes are available upon request.
- **Complete cleaning system.** When teamed with the MHS HD Secondary Cleaner, it makes up a system that delivers maximum cleaning power. If extra water is present, an MDWS DryWipe Secondary Cleaner can be added.

Ordering Information

MMP Precleaners - Belt Width Minus 6" Blade

Belt Width		Blade Coverage		Item Code	Ordering Number
in.	mm	in.	mm		
24	600	18	450	76450	MMP-624
30	750	24	600	76451	MMP-630
36	900	30	750	76452	MMP-636
42	1050	36	900	76453	MMP-642
48	1200	42	1050	76454	MMP-648
54	1350	48	1200	76455	MMP-654
60	1500	54	1350	76456	MMP-660
72	1800	66	1650	76457	MMP-672
84	2100	78	1950	76978	MMP-684

Ordering Information

MMP Precleaners - Belt Width Minus 12" Blade

Belt Width		Blade Coverage		Item Code	Ordering Number
in.	mm	in.	mm		
30	750	18	450	76551	MMP-1230
36	900	24	600	76552	MMP-1236
42	1050	30	750	76553	MMP-1242
48	1200	36	900	76554	MMP-1248
54	1350	42	1050	76555	MMP-1254
60	1500	48	1200	76556	MMP-1260
72	1800	66	1650	76557	MMP-1272
84	2100	72	1800	76799	MMP-1284

Ordering Information

TuffShear™ Replacement Blades

Belt Width		Item Code	Ordering Number
in.	mm		
18	450	76485	TRB18
24	600	76486	TRB24
30	750	76487	TRB30
36	900	76488	TRB36
42	1050	76489	TRB42
48	1200	76490	TRB48
54	1350	76491	TRB54
60	1500	76492	TRB60
66	1650	76493	TRB66
72	1800	76494	TRB72
78	1950	76697	TRB78



TuffShear Replacement Blades will retrofit to Martin® QC® #1 XHD Cleaners.



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