

## Special Belt Cleaners for High Temperature Conveyor Applications

One belt cleaner design cannot be effective in all conveyor applications. However, with engineering expertise the results-proven features of good belt cleaner designs can be modified to provide unique solutions for special needs. Flexco has taken many of its most effective cleaning technologies and adapted them with special features to provide cleaning solutions for high temperature applications. Now you can choose from a variety of belt cleaners to select the right cleaner or cleaning system for your high temp needs. Flexco has a solution for belts in asphalt, limestone, clinker, paper mill, and foundry applications.



High Temp  
ConShear™ Precleaner



High Temp Secondary Cleaner

### High Temp ConShear™ Precleaner

Now there is a new urethane-blade precleaner that outperforms other “hot” blades. The High Temp ConShear Blade is designed for continuous, ambient temperatures up to 275°F (135°C) and spikes to 325°F (163°C). This bright yellow blade takes the heat and yet provides the extended wear life of Flexco’s standard ConShear™ blade. More wear life means fewer blade change-outs. And a visual check tensioner makes maintenance easy. A quick measurement of the tensioner spring lets you know if the blade is at optimal tension. If retensioning is needed, simply turn the adjusting nut to restore optimal cleaning tension. Comes standard with a blade length of belt width minus 2”.

### It Does the Job and More...

- Easy to install - correct installation is the key to performance. Templates and step-by-step instructions are included.
- Patented facet-profile blade design - the blade forms a renewed cleaning edge once wear reaches each new faceted blade section.
- Material Path Option - select the blade width for the material path of your belt. This means better cleaning efficiency and less blade retensioning.
- Works with Flexco mechanical belt splices - the spring tensioner moves the blade away from the belt when the splice passes, without damage and with minimal cleaning disruption.
- Works on reversing belts.

Ordering Information High Temp ConShear Precleaner					
Cleaner Complete					
Belt Width		Blade Width		Ordering Number	Item Code
in.	mm	in.	mm		
12	300	10	250	HTF212	76658
18	450	16	400	HTF218	76659
24	600	22	550	HTF224	76660
30	750	28	700	HTF230	76661
36	900	34	850	HTF236	76662
42	1050	40	1000	HTF242	76663
48	1200	46	1150	HTF248	76664
54	1350	52	1300	HTF254	76665
60	1500	58	1450	HTF260	76666
72	1800	70	1750	HTF272	76667

## Proven Solutions

### APPLICATION:

Asphalt Batch Plant Slinger Conveyor.  
Conveyor moves in and out of the rotary kiln to load.

### PROBLEMS:

1. Carryback materials accumulate and fall to the ground.
  - Cost of specially mixed materials.
  - Cost and time to clean up.
2. High Temperatures - 300°F (148°C) with spikes to 450°F (232°C).
3. Reversible belt - runs in reverse to check calibration of material.

### SOLUTION:

High Temp V-Tip Precleaner

- Cleaner mounts can be modified for special conveyor structure.
- Tungsten carbide tips effectively clean the belt.
- Carryback is discharged into the kiln.
- All-steel construction handles the high temps.
- Works on reversible belts.

### RESULTS:

- Cost savings on material.
- Time and cost savings on maintenance.

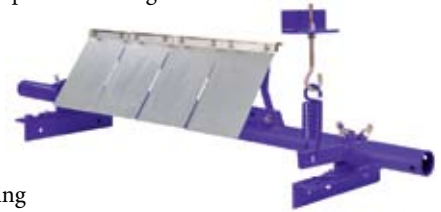


## ELIMINATOR® High Temperature Belt Cleaners

### High Temp V-Tip Precleaner

Designed to work in severe-duty applications where ambient temperatures may reach 400°F (204°C) with spikes to 450°F (232°C). This cleaner is for use on vulcanized belts only.

- All steel components - withstands the highest operating temperatures.
- Tungsten carbide cleaning tips - provides superior cleaning performance and long wear life.
- 8" segmented blades - independently supported, each blade maintains constant blade-to-belt contact.
- Stainless steel shields - prevents material buildup on the cleaner.
- Spring tensioner - reduces blade retensioning maintenance.
- Works on reversing belts.



### High Temp Secondary Belt Cleaner

A secondary cleaner designed to complete a cleaning system for high temp belts or for use when the conveyor doesn't allow for the use of a precleaner. The High Temp Secondary is a simple, compact design that offers extra cleaning efficiency for severe-duty conveyors. Works in applications where ambient temperatures may reach 400°F (204°C) with spikes to 450°F (232°C).

- 6" segmented cushions - allows each blade to self-adjust to the belt independently for continuous cleaning power.
- Works with Flexco mechanical splices - the special tungsten carbide blades are impact resistant and the spring cushions allow the blades to move away when a splice passes.
- Quick installation - universal brackets can be easily mounted on the conveyor structure.
- A complete cleaning system - teamed with a precleaner, the system provides maximum cleaning power in abusive applications.



#### Ordering Information High Temp V-Tip Precleaner

Cleaner Complete				
Belt Width		Suspension Arm Size	Ordering Number	Item Code
in.	mm			
18	450	SS	HTV18SS	74821
18	450	S	HTV18S	74828
24	600	SS	HTV24SS	74822
24	600	S	HTV24S	74829
30	750	SS	HT30SS	74823
30	750	S	HTV30S	74830
36	900	SS	HTV36SS	74824
36	900	S	HTV36S	74831
36	900	M	HTV36M	74838
42	1050	SS	HTV42SS	74825
42	1050	S	HTV42S	74832
42	1050	M	HTV42M	74839
48	1200	SS	HTV48SS	74826
48	1200	S	HTV48S	74833
48	1200	M	HTV48M	74840

#### Ordering Information High Temp Secondary Cleaner

Cleaner Complete			
Belt Width		Ordering Number	Item Code
in.	mm		
18	450	HTS18	76085
24	600	HTS24	76086
30	750	HTS30	76087
36	900	HTS36	76088
36	900	HTS36	76089
42	1050	HTS42	76090
48	1200	HTS48	76091
54	1350	HTS54	76092
60	1500	HTS60	76093
72	1800	HTS72	76094



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