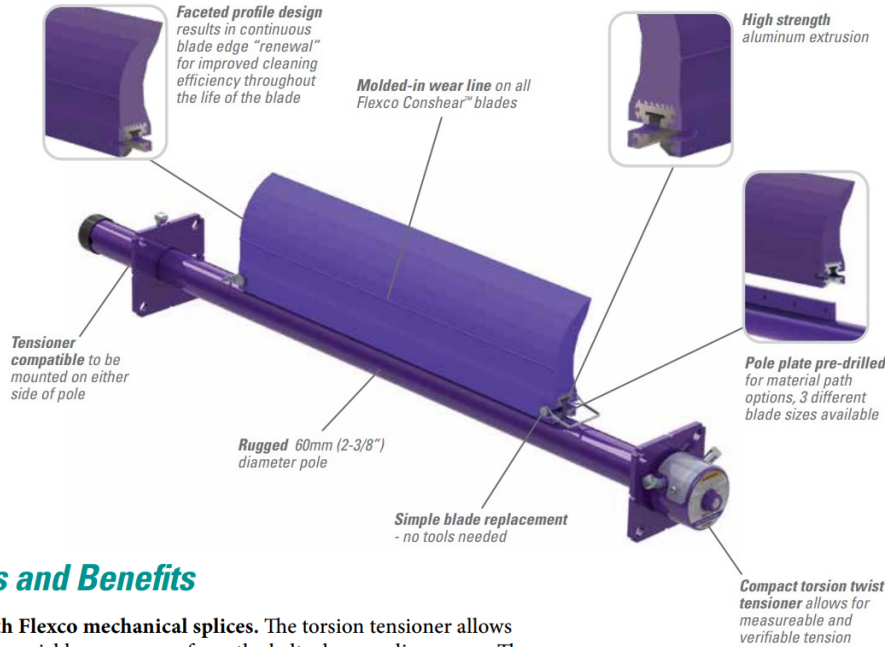## Simple, Quick, Effective.

The EZP1T Precleaner is not your average solid-blade belt cleaner that mounts on the head pulley. It features a unique uni-blade design that combines simple, do-it-yourself installation, quick maintenance, and effective cleaning results with a price tag that you can afford.

Faceted profile design results in continuous blade edge "renewal" for improved cleaning efficiency throughout the life of the blade

Molded-in wear line on all Flexco Conshear™ blades

High strength aluminum extrusion

Tensioner compatible to be mounted on either side of pole

Rugged 60mm (2-3/8") diameter pole

Simple blade replacement - no tools needed

Pole plate pre-drilled for material path options, 3 different blade sizes available

Compact torsion twist tensioner allows for measureable and verifiable tension

Features and Benefits

- **Works with Flexco mechanical splices.** The torsion tensioner allows the blade to quickly move away from the belt when a splice passes. The polyurethane blade material easily glides over the splice without damage and with minimal cleaning disruption.

- **Compact, streamlined design.** The EZP1T Precleaner requires only 100mm (4") of horizontal clearance for correct installation. Its streamlined contours prevent material buildup on the blade or the pole.

- **Can be used on reversing belts.** Installing cleaners on both pulleys gives superior cleaning results on belts that run in both directions.

- **Fits most conveyor structures.** Available for belt widths from 300-1800mm (12" - 72").

- **Blade can be used on other cleaners.** The ConShear™ blade can be used as a replacement blade on many OEM cleaners.

Ordering Information

EZP1T Precleaners
Belt Width Minus 50mm (2") Blade

Belt Width		Blade Coverage		Ordering Number	Item Code
in.	mm	in.	mm		
12	300	10	250	EZP1T-212	78488
18	450	16	400	EZP1T-218	78489
24	600	22	550	EZP1T-224	78490
30	750	28	700	EZP1T-230	78491
36	900	34	850	EZP1T-236	78492
42	1050	40	1000	EZP1T-242	78493
48	1200	46	1150	EZP1T-248	78494
54	1350	52	1300	EZP1T-254	78495
60	1500	58	1450	EZP1T-260	78496
72	1800	70	1750	EZP1T-272	78497

EZP1T Precleaners
Belt Width Minus 200mm (8") Blade

Belt Width		Blade Coverage		Ordering Number	Item Code
in.	mm	in.	mm		
12	300	-	-	-	-
18	450	10	250	EZP1T-818	78498
24	600	16	400	EZP1T-824	78499
30	750	22	550	EZP1T-830	78500
36	900	28	700	EZP1T-836	78501
42	1050	34	850	EZP1T-842	78502
48	1200	40	1000	EZP1T-848	78503
54	1350	46	1150	EZP1T-854	78504
60	1500	52	1300	EZP1T-860	78505
72	1800	64	1600	EZP1T-872	78506

ConShear™ Replacement Blades

Blade Width		Ordering Number	Item Code
in.	mm		
10	250	CRB10	75628
16	400	CRB16	75629
22	550	CRB22	75630
28	700	CRB28	75631
34	850	CRB34	75632
40	1000	CRB40	75633
46	1150	CRB46	75634
52	1300	CRB52	75635
58	1450	CRB58	75636
64	1600	CRB64	75775
70	1750	CRB70	75773

Specifications and Guidelines

- **Maximum Belt Speed**
  3.5 M/sec (700 FPM)
- **Temperature Rating**
  -35° C to 82° C (-30°F to 180° F)
- **Minimum Pulley Diameter**
  250mm (10")
- **Blade Height**
  185mm (7-1/4")

- **Usable Blade Wear Length**
  100mm (4")
- **Blade Material**
  Polyurethane 83 durometer (proprietary blend for abrasion resistance and long wear)

- **Available for Belt Widths**
  300 to 1800mm (12" to 72")
- **Horizontal Clearance Required**
  100mm (4")
- **Vertical Clearance Required**
  238mm (9-1/2")

- **Pole Length**
  Cleaner size up to 1200mm (48") + 750mm (30")
  Cleaner size over 1200mm (48") + 850mm (34")
- **Maximum Conveyor Span**
  Cleaner size up to 1200mm (48") + 625mm (25")
  Cleaner size over 1200mm (48") + 725mm (29")

Pole Location Specs

A = Pulley Diameter + Lagging and Belt
C = Critical Spec to move location if necessary
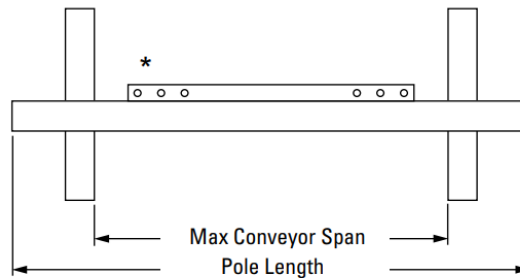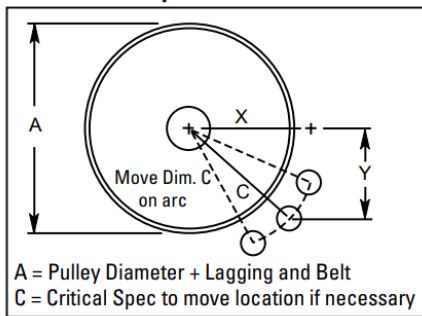
Pole Location Chart

| A	X	Y	C	A	X	Y	C	A	X	Y	C
250	74	230	242	475	223	230	320	700	360	230	427
275	92	230	248	500	235	230	329	725	374	230	439
300	108	230	254	525	249	230	339	750	389	230	452
325	131	230	265	550	260	230	352	775	403	230	464
350	146	230	273	575	283	230	365	800	417	230	477
375	166	230	284	600	299	230	377	825	432	230	489
400	179	230	291	625	314	230	390	850	446	230	501
425	195	230	301	650	330	230	402	875	460	230	514
450	207	230	309	675	346	230	416	900	474	230	526

ELIMINATOR®
Chevron Belt Cleaner

A Better Cleaning Solution

Chevron, cleated and raised rib belts present a special problem for efficient cleaning. However, not cleaning these belts lets the carryback move along the return belt and cause all the familiar problems: mistracking, buildup and premature wear on idler rollers and resulting belt wear and damage. Flexco's Chevron Belt Cleaner takes a new approach to cleaning these problem belts. Hundreds of rubber fingers create a rotary cleaning action that easily flicks carryback off the belt. And without the typical clogging and rapid wear problems associated with brush-type cleaners. Now there is a better solution for wet sand belts, wood chip belts and other raised top or grooved belts.

The Secret is in the Fingers

50 mm (2 inch) rubber fingers gently dislodge carryback from chevron or raised rib belts.
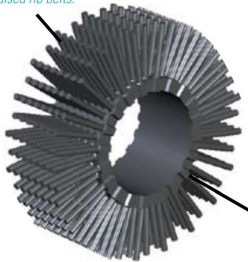
Seamless molded ring means no risk of delaminating or adhesion failure.

Hundreds of wiggling, flicking 50 mm (2 inch) fingers are constantly attacking the carryback on the belt while easily stepping over the chevrons or cleats. The fingers are gently tensioned to the belt so there is no danger of abrasive wear or damage to the belt, raised ribs, or to the cleaner fingers. And the fingers are molded from an SBR rubber that offers extended abrasion resistance for long service life. A special molded ring ensures that fingers do not fall off the drum. Each finger is part of a 63 mm (2-1/2 inch) ring that is stretched to snugly fit onto the drum. So there is no vulcanized seam to delaminate or adhesion failure from glue. And each ring is keyed to nest securely to the ring next to it. The result is a trouble-free cleaner that requires minimal maintenance.

Benefits for Your Beltline

- Free-rotating. Works only when the belt runs.
- Self-cleaning. Finger length, spacing, and the rotary action allows the carryback to fall free instead of clogging.
- Long-wearing SBR rubber. Drum life ranges from 1 to 3 years depending upon the application conditions and the material being conveyed.
- Easy to install. Few parts and easy-to-use installation instructions make the job simple.
- Quick drum replacement. Simply loosen the set screws, slide off the old drum, slide on the new one and retighten the screws.
- Works on mechanically spliced or vulcanized belts.
- Works on reversing belts.

*Rubber fingers create a rotary cleaning action that easily flicks carryback off the belt.*

Easy to Use.

Installation is simple and quick. Pick a location on the conveyor where the belt is as flat as possible. The flatter the belt the better the cleaning efficiency. Here are some location recommendations:
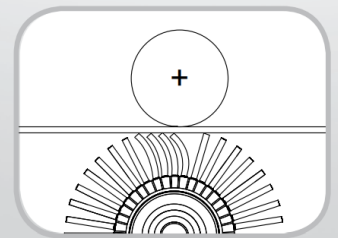
at the point where the belt leaves the head pulley
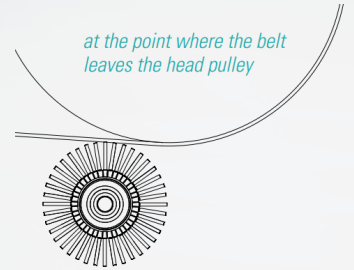
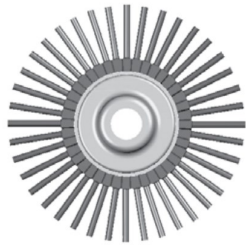*under a hold-down roller*
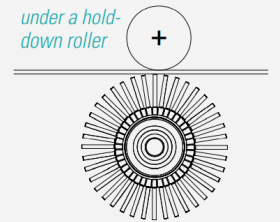
Correct Tension

Lightly tension the fingers to the belt so they compress about 6 mm (1/4 inch).

Cleaning Performance

Cleanability range: 50% to 70%. For additional cleaning efficiency add a second cleaner on the belt.
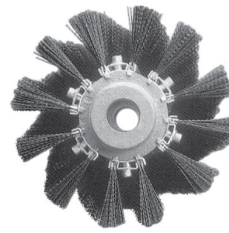
Compare the Options:

Flexco Chevron Cleaner

- **+** Self-cleaning fingers.
- **+** Rubber fingers are gentle on belt's top cover.
- **+** Passive - moves only when the belt is running.
- **+** Finger wear life is 1 to 3 years.
- **+** Drum change is quick and easy.

Typical Brush Cleaner

- **−** Clogs with material, especially when wet.
- **−** Some bristle materials or a clogged brush can cause excessive wear on the belt.
- **−** Motor powered - requires maintenance and repairs.
- **−** Bristles wear quickly and require frequent change-out.
- **−** Independent bristle strips must be removed and new ones rethreaded in.

Specifications

Specifications	
Belt Speed	Up to 2.5 M/sec (500 fpm)
Vertical and Horizontal Clearance	250 mm (10")
Temperature Range	-35°C to 82°C (-30°F to 180°F)
Maximum Chevron or Cleat Height	25 mm (1")
Finger Length	50 mm (2")
Rubber Durometer	45A
Overal Diameter	238 mm (9-1/2")
Shaft Length	Belt Width plus 750 mm (30")
Shaft Diameter	20 mm (1-3/16")

Ordering Information

Cleaner Complete

Belt Width		Ordering Number	Item Code
mm	in.		
450	18	CBC18	76668
600	24	CBC24	76669
750	30	CBC30	76670
900	36	CBC36	76671
1050	42	CBC42	76672
1200	48	CBC48	76673
1350	54	CBC54	76674
1500	60	CBC60	76675

ELIMINATOR®
H-TYPE® Primary Cleaner

High Cleaning Efficient Primary Cleaner

The H-Type® conveyor belt cleaner from Flexco is designed to be positioned on the head pulley and to remove the bulk of the carryback from the belt. Proven performance for over 20 years as the most efficient primary cleaner in material handling applications such as coal, iron ore, bauxite, and hard rock mining.

Optimally Positioned on the Head Pulley

Blade contact on the pulley is 15° below the horizontal centerline. This keeps the blades out of the discharge path and protects them from rocks, large lumps, and other debris.

H-Type® Belt Cleaner with V-Tips

V-Tips should ONLY be used on vulcanised belts. Suspension arm size is determined by head pulley diameter (over lagging and belt). See chart on front page.

H-Type® Belt Cleaner with XF2-Tips

XF2 Tips are recommended for mechanically spliced belts but are also suitable for vulcanised belts. XF2 Tip size is determined by head pulley diameter (see chart on front page). Spring Tensioners are standard on HXF cleaners.

Segmented Cushions

Independently tensioned 200 mm segmented cushions allow each blade to self-adjust to the conveyor belt as it wears ensuring continuous blade-to-belt contact.

Available in Two Blade Options

High Grade Tungsten Carbide: allows for maximum cleaning efficiency and superior wear characteristics on vulcanized belts. Also available with protected tips for abrasive applications.

Long Wearing Polyurethane: for use in mechanically spliced applications. Also available in FRAS for underground coal applications.

Pole Specifications

Belt Width	Pole Length	Pole Diameter
mm	mm	mm
450	1250	60
600	1350	60
750	1500	60
900	1650	60
1050	1800	60
1200	1950	60
1500	2350	73
1600	2450	73
1800	2650	73

Additional sizes up to 3,000 mm available upon request.

V-Tip

XF2-Tip

Protected V-Tip

Ordering Information
Powder Coated H-Type® with V-Tips

Belt Width (mm)	Arm Size	Ordering Number	Item Code
450	SS	HV450SS	73026
450	S	HV450S	73028
450	M	HV450M	73019
600	SS	HV600SS	73045
600	S	HV600S	73030
600	M	HV600M	73173
750	SS	HV750SS	73053
750	S	HV750S	73032
750	M	HV750M	73174
900	SS	HV900SS	73055
900	S	HV900S	73034
900	M	HV900M	73175
900	L	HV900L	73178
1050	SS	HV1050SS	73057
1050	S	HV1050S	73056
1050	M	HV1050M	73036
1050	L	HV1050L	73179
1200	SS	HV1200SS	73059
1200	S	HV1200S	73058
1200	M	HV1200M	73038
1200	L	HV1200L	73180
1500	M	HV1500M	73177
1500	L	HV1500L	73158
1500	LL	HV1500LL	73215
1600	M	HV1600M	73637
1600	L	HV1600L	73638
1600	LL	HV1600LL	73639
1800	M	HVHD1800M	74602
1800	L	HVHD1800L	74477
1800	LL	HVHD1800LL	74478

Powder Coated H-Type® with XF2 Tips

XF-Tip Size	Ordering Number	Item Code
S	HXF450S	74659
M	HXF450M	74660
S	HXF600S	74661
M	HXF600M	74662
S	HXF750S	74663
M	HXF750M	74664
S	HXF900S	74665
M	HXF900M	74666
L	HXF900L	74667
S	HXF1050S	74668
M	HXF1050M	74669
L	HXF1050L	74670
S	HXF1200S	74671
M	HXF1200M	74672
L	HXF1200L	74673
M	HXF1500M	74677
L	HXF1500L	74678
M	HXF1600M	73443
L	HXF1600L	73444
M	HXFHD1800M	74681
L	HXFHD1800L	74682

Optional Spring Tension Mounting Kit

Optional spring tensioner maintains uniform, constant blade tension to belt – especially with use of polyurethane blades. Provides a quick visual check to ensure tension is correct. J-Bolt adjustment allows for easy and quick tension adjustment.

Other Features and Benefits

- Works on Reversing Belts
- Available in Powder Coated or Stainless Steel. Contact Flexco for SS options
- 450 to 1200 mm poles, Schedule 80, 60 mm diameter
- 1400 to 1600 mm, Schedule 40, 73 mm diameter
- Heavy-Duty 1800 mm and above poles, Schedule 40, 73 mm diameter, complete with stiffening brace and gusseted cushion plate

Big Features in a Small Package

Many conveyors and portables have tight space configurations. That means a belt cleaner must be small and compact to fit. The new Rockline® EZP-LS Precleaner delivers a big cleaning job in a compact cleaner. With a 113 mm (4-1/2") high blade and needing just 75 mm (3") of horizontal and 165 mm (6-1/2") of vertical clearance, this precleaner fits on conveyors with pulleys as small as 150 mm (6").

The EZP-LS is compact, but still includes the user-friendly and performance features of the industry-preferred Rockline EZP1 Precleaner. The patented, faceted ConShear™-LS Blade allows the blade to renew its cleaning edge as it wears. The smaller-sized LST Tensioner is self-contained and simple to adjust; and the cleaner is easy to service with the one-pin blade replacement feature.

The EZP-LS is easy to install correctly and delivers an excellent cleaning job in tight spaces.

Simple, Accurate Installation

Correct cleaner installation is a key factor in the cleaner's performance and wear life. If the cleaner pole is not optimally located, an incorrect blade attack angle to the belt can cause quick-wear problems or actually allow the blade to flip through, causing damage to the pole.

That's why the EZP-LS Precleaner has specific installation coordinates for each size and step-by-step instructions. A marking template and pole location gauge are included to easily lay out the pole location and to double-check the finished install. Correct pole location insures the blade hits the "sweet spot" attack angle to the belt to provide optimal cleaning, compatibility with mechanical splices, and a long wear life.

Our Material Path Option™

Flexco pioneered the Material Path Option™ to reduce the differential blade wear in the center of a urethane blade. This "smile effect" wear pattern quickly reduces cleaning performance, causes short blade life and other problems as the blade is retensioned. The Flexco solution allows the user to select the blade size that covers the belt's material path only. The EZP-LS Precleaner can be ordered with a blade that is belt width minus 50 mm (2") or belt width minus 200 mm (8"). For conveyers with smaller material paths each cleaner pole has a third set of holes to accommodate a belt width minus 350 mm (14") blade. Simply select the right blade width for your conveyor.

Ordering Information
EZP-LS Precleaners
Belt Width Minus 50mm Blade

Belt Width		Blade Coverage		Item Code	Ordering Number
mm	in.	mm	in.		
300	12	250	10	77127	EZP-LS212
450	18	400	16	77128	EZP-LS218
600	24	550	22	77129	EZP-LS224
750	30	700	28	77130	EZP-LS230
900	36	850	34	77131	EZP-LS236
1050	42	1000	40	77132	EZP-LS242
1200	48	1150	46	77133	EZP-LS248
1350	54	1300	52	77134	EZP-LS254
1500	60	1450	58	77135	EZP-LS260

Ordering Information
EZP-LS Precleaners
Belt Width Minus 200mm Blade

Belt Width		Blade Coverage		Item Code	Ordering Number
in.	mm	in.	mm		
450	18	250	10	77136	EZP-LS818
600	24	400	16	77137	EZP-LS824
750	30	550	22	77138	EZP-LS830
900	36	700	28	77139	EZP-LS836
1050	42	850	34	77140	EZP-LS842
1200	48	1000	40	77141	EZP-LS848
1350	54	1150	46	77142	EZP-LS854
1500	60	1300	52	77143	EZP-LS860

Other Features and Benefits.

- **Fits most conveyor structures.** Pole length is belt width plus 750 mm (30"); and the precleaner is available for belt widths from 300 to 1800 mm (12" to 60").

- **Can be used on reversing belts.** Installing cleaners on both pulleys give superior cleaning results on belts that run in both directions.

- **Can be ordered for special applications.** Special order options include: a stainless steel pole for corrosive applications or a high temp ConShear™-LS Blade for applications with temperatures up to 135° C (275° F) with spikes to 163° C (325° F).

- **Blade can be used on other cleaners.** The ConShear-LS Blade can be used as a replacement blade on other OEM cleaners.