



Product Handbook

JANUARY 1, 2012

BCPPHB3

Belt Conveyor Products



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Belt Cleaner Information and Selection Guide

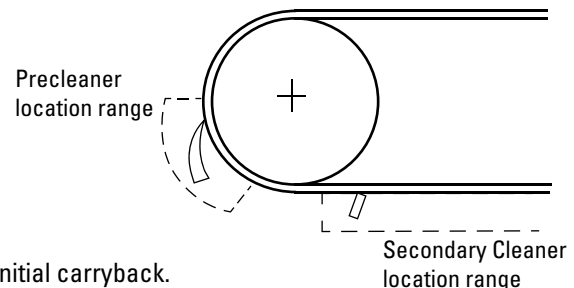
Why Are Belt Cleaners Needed?

- **Saves Money**
 - Increases belt wear life.
 - Extends life of rollers, pulleys and splices.
 - High cost of accidents.
- **Reduces Maintenance Costs**
 - Minimizes manual cleanup.
 - Protects against belt mistracking.
 - Reduces conveyor component replacement costs.
 - Reducing carryback from 3% to 1% means a 67% reduction in maintenance costs.
- **Keeps Conveyors Running Efficiently and Consistently**
 - Reduces unscheduled downtime.
 - Increases production uptime.
- **Improves Safety**
 - Reduces housekeeping problems.
 - 42% of conveyor-related accidents happen while maintenance tasks are being done.



Types of Belt Cleaners

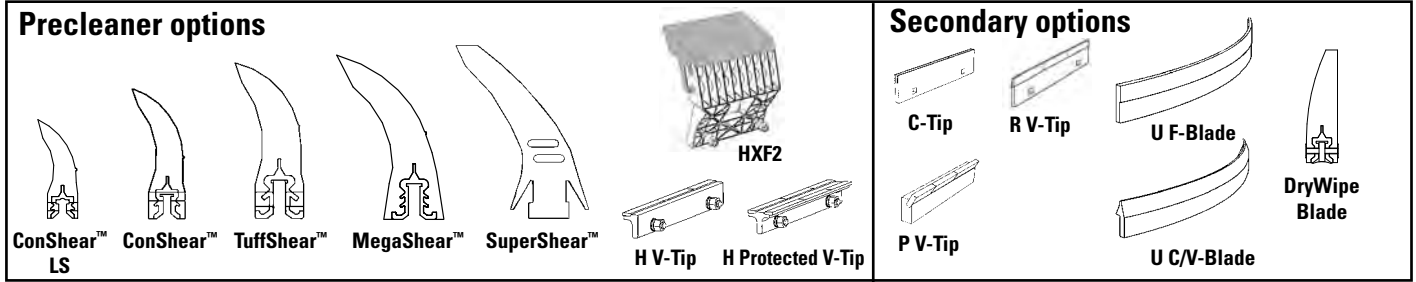
- **Precleaners**
 - Mounted on the head pulley.
 - Mounted below the material flow.
 - Blade is always narrower than the belt width.
 - Ideally, the blade covers just the belt's material path.
 - Removes the big stuff. Typically cleans off up to 80% of the initial carryback.
- **Secondary Cleaners**
 - Located just past where the belt leaves the head pulley and anywhere down the beltline.
 - Special secondaries may allow for mounting under the head pulley.
 - Blade width is always the belt width or wider.
 - Removes sticky fines – the final cleaning job.
 - Cleaning efficiencies can be 90% +.
 - May require a hold-down roller for maximum performance.
- **Specialty Cleaners**
 - Precleaners or Secondaries designed especially for specific or extreme applications.



Definition of Terms

- **Carryback** - Material that sticks to the belt after it leaves the transfer point and continues falling off along the conveyor's return side.
- **Material Path** - The section of the belt where most of the material is conveyed. Typically the center 2/3 of the belt.
- **Hold-Down Roller** - A stabilizing roller or pressure roller located on top of the return side of the belt to prevent belt flap or to provide a consistent flat surface for the blades on a lighter-tensioned belt.

Types of Cleaner Blades



F-Tip/Blade - for mechanically fastened belts V-Tip/Blade - for vulcanized belts only C-Tip/Blade - for both

Urethane Blades

Not all urethanes are the same. Flexco's urethane blades are specially formulated for abrasion resistance and long wear. Independent testing has shown that Flexco's urethane blades last as much as 30% longer than other OEM blades.

- Easy on the belt.
- Work well with mechanical splices.
- Economical.
- Specialty formulations for high heat, chemical resistance, or water removal.



Less advanced urethane formulations result in blades that experience quicker wear and provide less-efficient cleaning.

Tungsten Carbide

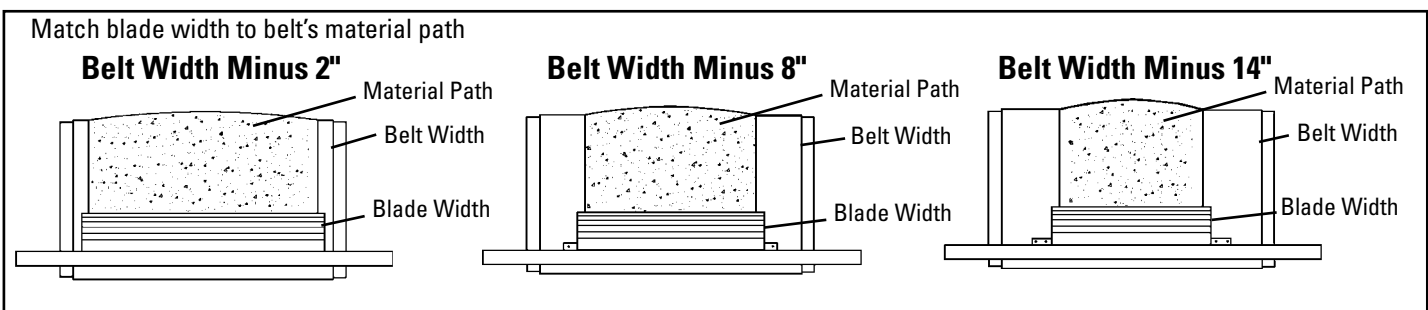
Excellent for superior cleaning efficiency and long wear. The quality and application of carbides can vary. Flexco has invested years of research and testing to develop tungsten carbide tips for both vulcanized and mechanically fastened belts. And a quality process ensures consistent results.

- Superior cleaning.
- Long wear.
- C-Tips/blades for mechanical splices and V-Tips/blades for vulcanized belts.

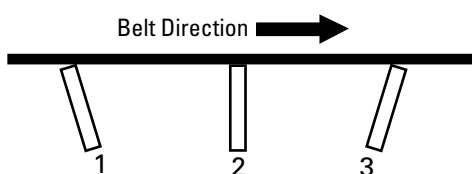


The "Material Path" Option (for Precleaners)

For optimal cleaning and reduced blade retensioning, the cleaner blade width should be sized to fit the material path of the belt. The material path is typically the center 2/3 of the belt width. Choosing a blade only slightly wider than the material path can decrease differential blade wear which reduces blade retensioning maintenance, as well as reducing the frequency of blade replacement.



Blade Angle (Secondary cleaners)



- 1. Aggressive** - excellent cleanability, high risk for belt damage.
- 2. 90° to belt** - good cleaning efficiency; must have good blade relief for splices.
- 3. Wiping** - a little less cleaning power; safer on belts in poor condition or with poor mechanical splices.

Belt Cleaning Systems

Many applications will require more than one belt cleaner to do a satisfactory cleaning job. A typical system includes a precleaner (to knock off the initial flow of carryback), one or more secondary cleaners (to take off the sticky fines) and many times, a final specialty cleaner (to remove the water).

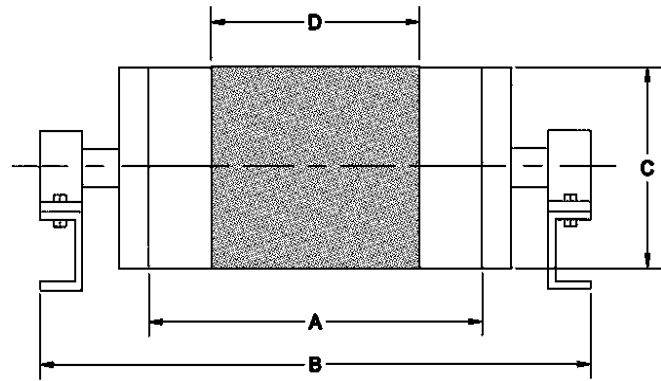
Keys to Good Belt Cleaning

- Proper cleaner selection for the application
- Correct installation
- Regular service maintenance

Spec'ing and Ordering Belt Cleaners

Information needed:

- Belt width
- Conveyor frame (structure) width
- Head pulley diameter
- For precleaners - what is the belt's material path
- Material conveyed (dry, wet, sticky, etc.)
- Type of belt splice:
 - Mechanical - skived or unskived
 - Vulcanized
- Temperature or other extreme environmental factors
- Does the belt reverse



Precleaner Selection Guide

PRECLEANER SPECIFICATION CHART

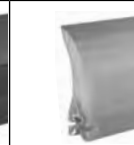
Application Description	EZP-LS	EZP1	MSP	MMP	MHCP
Belt Width*	300 - 1500mm 12" - 60"	300 - 1800mm 12" - 72"	600 - 2100mm 24" - 84"	600 - 2100mm 24" - 84"	600 - 2100mm 24" - 84"
Belt Speed	2.5M/sec (500fpm)	3.5M/sec (700fpm)	3.5M/sec (700fpm)	5M/sec (1000fpm)	6M/sec (1200fpm)
Head Pulley Diameter	150 - 550mm 6" - 22"	250 - 900mm 10" - 36"	400 - 1050mm 16" - 42"	400 - 1200mm 16" - 48"	500 - 1200mm 20" - 48"
Reversing Belts	Yes	Yes	Yes	Yes	Yes
Mechanical Fasteners	Yes	Yes	Yes	Yes	Yes

PRECLEANER SPECIFICATION CHART (cont.)

Application Description	H-Type® (XF2 & XF)	H-Type® (V)	High Temp V-Tip
	Belt Width*	450 - 1800mm 18" - 72"	450 - 1800mm 18" - 72"
Belt Speed	3.5M/sec (700fpm)	5M/sec (1000fpm)	5M/sec (1000fpm)
Head Pulley Diameter	250 - 1325mm 10" - 53"	250 - 1575mm 10" - 63"	200 - 875mm 8" - 35"
Reversing Belts	Yes	Yes	Yes
Mechanical Fasteners	Yes	No	No





*Special sizes available upon request.

PRECLEANER BLADE SPECIFICATIONS

									
Blade Type	ConShear™ LS	ConShear™ LS High Temp	ConShear™ LS White (Chemical Resistant/Food Grade) ‡	ConShear™	ConShear High Temp	ConShear™ White (Chemical Resistant/Food Grade) ‡	TuffShear™	TuffShear™ High Temp	SuperShear™
Belt Speed	2.5M/sec (500fpm)	2.5M/sec (500fpm)	2.5M/sec (500fpm)	3.5M/sec (700fpm)	3.5M/sec (700fpm)	3.5M/sec (700fpm)	5M/sec (1000fpm)	5M/sec (1000fpm)	6M/sec (1200fpm)
Temperature Range	-35 to 82°C -30 to 180°F	up to 135°C (275°F) with spikes to 163°C (325°F)	-35 to 82°C -30 to 180°F	-35 to 82°C -30 to 180°F	up to 135°C (275°F) with spikes to 163°C (325°F)	-35 to 82°C -30 to 180°F	-35 to 82°C -30 to 180°F	up to 135°C (275°F) with spikes to 163°C (325°F)	-35 to 82°C -30 to 180°F
Urethane	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Durometer	83	93	83	83	93	83	83	93	90
Tungsten Carbide	No	No	No	No	No	No	No	No	No
Work with Mechanical Fasteners	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

‡ All ingredients used in the urethane formulation of this blade comply with the relevant requirements of 21 CFR (FDA Code of Federal Regulations) for use in repeated bulk dry food applications

PRECLEANER BLADE SPECIFICATIONS

				
Blade Type	HXF	HXF2	H V-Tip	H Protected V-Tip
Belt Speed	3.5M/sec (700fpm)	3.5M/sec (700fpm)	5M/sec (1000fpm)	5M/sec (1000fpm)
Temperature Range	-35 to 82°C -30 to 180°F	-35 to 82°C -30 to 180°F	-35 to 205°C -30 to 400°F	-35 to 205°C -30 to 400°F
Urethane	Yes	Yes	No	No
Durometer	84	83	N/A	N/A
Tungsten Carbide	No	No	Yes	Yes
Work with Mechanical Fasteners	Yes	Yes	No	No

Secondary Cleaner Selection Guide

SECONDARY CLEANER SPECIFICATION CHART









Application Description	EZS2	MSS (C-Tip)	MSS (V-Tip)	MHS (C-Tip)	MHS (V-Tip)	MDWS	P-Type® (C-Tip)	P-Type (V-Tip)	P-Type LS (C-Tip)
Belt Width*	450 - 1800mm 18" - 72"	600 - 2100mm 24" - 84"	600 - 2100mm 24" - 84"	600 - 2100mm 24" - 84"	600 - 2100mm 24" - 84"	600 - 2100mm 24" - 84"	450 - 1800mm 18" - 72"	450 - 1800mm 18" - 72"	450 - 1350mm 18" - 54"
Belt Speed	3.5M/sec (700fpm)	5M/sec (1000fpm)	5M/sec (1000fpm)	6M/sec (1200fpm)	6M/sec (1200fpm)	5M/sec (1000fpm)	5M/sec (1000fpm)	5M/sec (1000fpm)	5M/sec (1000fpm)
Reversing Belts	No	No	No	Yes	Yes	Yes	No	No	No
Works with Mechanical Fasteners	Yes	Yes	No	Yes	No	Yes	Yes	No	Yes

*Special sizes available upon request.

SECONDARY CLEANER SPECIFICATION CHART (cont.)

Application Description	U-Type® (F-Blade)	U-Type (C-Blade)	U-Type (V-Blade)	R-Type® (C-Tip)	R-Type (V-Tip)	High Temp	Chevron
	Belt Width	450 - 2100mm 18" - 84"	450 - 2100mm 18" - 84"	450 - 2100mm 18" - 84"	450 - 1800mm 18" - 72"		
Belt Speed	5M/sec (1000fpm)	6M/sec (1200fpm)	6M/sec (1200fpm)	5M/sec (1000fpm)	5M/sec (1000fpm)	3.5M/sec (700fpm)	2.5M/sec (500fpm)
Reversing Belts	No	No	No	Yes	Yes	No	Yes
Works with Mechanical Fasteners	Yes	Yes	No	Yes	No	Yes	Yes

SECONDARY CLEANER BLADE SPECIFICATIONS

								
Blade Type	C-Tip	P V-Tip	DryWipe Blade	U F-Blade	U C-Blade	U V-Blade	R V-Tip	Chevron
Belt Speed	6M/sec (1200fpm)	5M/sec (1000fpm)	5M/sec (1000fpm)	5M/sec (1000fpm)	6M/sec (1200fpm)	6M/sec (1200fpm)	6M/sec (1200fpm)	2.5M/sec (500fpm)
Temperature Range	-35 to 205°C -30 to 400°F	-35 to 205°C -30 to 400°F	-35 to 82°C -30 to 180°F	-35 to 82°C -30 to 180°F	-35 to 82°C -30 to 180°F	-35 to 82°C -30 to 180°F	-35 to 205°C -30 to 400°F	-35 to 82°C -30 to 180°F
Urethane	No	No	Yes	Yes	Rubber	Rubber	No	Rubber
Durometer	N/A	N/A	59	90	84	83	N/A	N/A
Tungsten Carbide	Yes	Yes	No	No	Yes	Yes	Yes	No
Works with Mechanical Fasteners	Yes	No	Yes	Yes	Yes	No	No	Yes

Product Ordering Information

EZP1 Standard Duty Precleaner

EZP1 Precleaner Belt Width Minus 2"

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
12	300	10	250	EZP1-212	75610	49.4
18	450	16	400	EZP1-218	75611	55.3
24	600	22	550	EZP1-224	75612	61.2
30	750	28	700	EZP1-230	75613	67.1
36	900	34	850	EZP1-236	75614	73.0
42	1050	40	1000	EZP1-242	75615	78.9
48	1200	46	1150	EZP1-248	75616	84.8
54	1350	52	1300	EZP1-254	75617	90.7
60	1500	58	1450	EZP1-260	75618	96.6
72	1800	70	1750	EZP1-272	75771	102.5

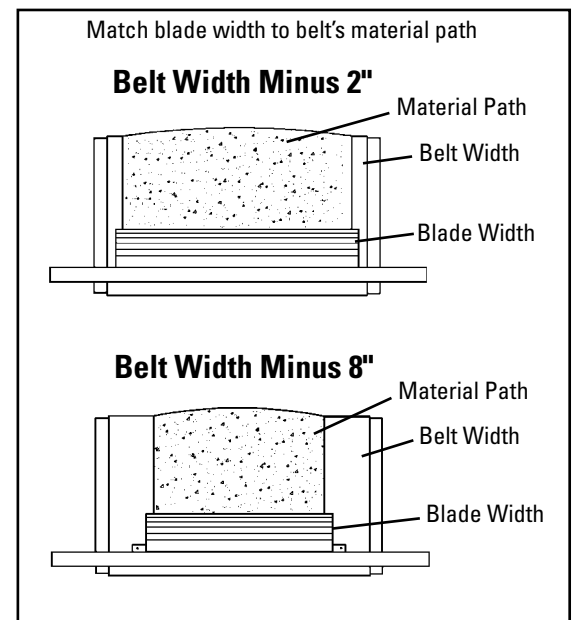
Lead time: 1 working day



EZP1 Precleaner Belt Width Minus 8"

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
12	300	—	—	N/A	N/A	—
18	450	10	250	EZP1-818	75779	51.3
24	600	16	400	EZP1-824	75780	57.2
30	750	22	550	EZP1-830	75781	63.1
36	900	28	700	EZP1-836	75782	69.0
42	1050	34	850	EZP1-842	75783	74.9
48	1200	40	1000	EZP1-848	75784	80.8
54	1350	46	1150	EZP1-854	75785	86.7
60	1500	52	1300	EZP1-860	75786	92.6
72	1800	64	1600	EZP1-872	75774	98.5

Lead time: 1 working day



Product Notes:

- For optimal cleaning and reduced blade retensioning maintenance, the cleaner blade width should be sized to fit the material path of the belt. The material path is typically 2/3 of the belt width. In most cases a blade size of belt width minus 8" may be the best selection.
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 2", minus 8", or minus 14").
- Comes complete with universal mounting plates and tensioner.
- Visual tension check. No guesswork on blade tensioning. Simply measure the spring, check label on tensioner and turn adjusting nut to restore optimal tension.
- Works with mechanical splices. Urethane blade glides over splices.
- Compatible with reversing belts.
- For applications requiring longer pole lengths, go to the minus 8" chart and select the cleaner one belt width size larger. This will provide a pole 6" longer and a blade size of belt width minus 2".

U.S. Patent No. D482,508S

Product Ordering Information

EZP1T Twist Tensioner Precleaner



EZP1T Precleaner with Twist Tensioner Belt Width Minus 2"

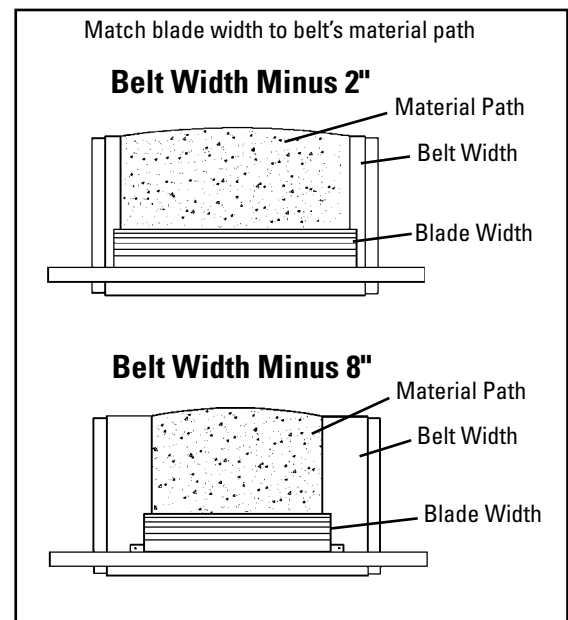
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
12	300	10	250	EZP1T-212	78488	38.5
18	450	16	400	EZP1T-218	78489	44.5
24	600	22	550	EZP1T-224	78490	50.5
30	750	28	700	EZP1T-230	78491	56.5
36	900	34	850	EZP1T-236	78492	62.5
42	1050	40	1000	EZP1T-242	78493	68.4
48	1200	46	1150	EZP1T-248	78494	74.4
54	1350	52	1300	EZP1T-254	78495	83.7
60	1500	58	1450	EZP1T-260	78496	92.0
72	1800	70	1750	EZP1T-272	78497	101.6

Lead time: 1 working day

EZP1T Precleaner with Twist Tensioner Belt Width Minus 8"

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
12	300	-	-	N/A	N/A	-
18	450	10	250	EZP1T-818	78498	41.8
24	600	16	400	EZP1T-824	78499	47.8
30	750	22	550	EZP1T-830	78500	53.8
36	900	28	700	EZP1T-836	78501	59.8
42	1050	34	850	EZP1T-842	78502	65.8
48	1200	40	1000	EZP1T-848	78503	71.7
54	1350	46	1150	EZP1T-854	78504	78.5
60	1500	52	1300	EZP1T-860	78505	87.0
72	1800	64	1600	EZP1T-872	78506	98.9

Lead time: 1 working day



Product Notes:

- For optimal cleaning and reduced blade retensioning maintenance, the cleaner blade width should be sized to fit the material path of the belt. The material path is typically 2/3 of the belt width. In most cases a blade size of belt width minus 8" may be the best selection.
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 2", minus 8", or minus 14").
- Comes complete with universal mounting plates and tensioner.
- Visual tension check. No guesswork on blade tensioning. Simply measure the spring, check label on tensioner and turn adjusting nut to restore optimal tension.
- Works with mechanical splices. Urethane blade glides over splices.
- Compatible with reversing belts.
- For applications requiring longer pole lengths, go to the minus 8" chart and select the cleaner one belt width size larger. This will provide a pole 6" longer and a blade size of belt width minus 2".

U.S. Patent No. D482,508S

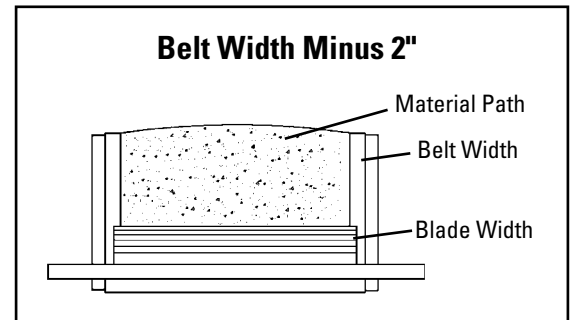
Product Ordering Information

High Temp EZP1 High Temperature Precleaner

ConShear™ High Temp Precleaners

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
12	300	10	250	HTF212	76658	49.4
18	450	16	400	HTF218	76659	55.3
24	600	22	550	HTF224	76660	61.2
30	750	28	700	HTF230	76661	67.1
36	900	34	850	HTF236	76662	73.0
42	1050	40	1000	HTF242	76663	78.9
48	1200	46	1150	HTF248	76664	84.8
54	1350	52	1300	HTF254	76665	90.7
60	1500	58	1450	HTF260	76666	96.6
72	1800	70	1750	HTF272	76667	102.5

Pole Diameter - 2-3/8" (60mm)
Lead time: 1 working day



Product Notes:

- The High-Temp ConShear Precleaner works in temperatures up to 275°F (135°C) with spikes to 325°F (164°C).
- Comes complete with universal mounting plates and tensioner.
- Visual tension check. No guesswork on blade tensioning. Simply measure the spring, check label on tensioner and turn adjusting nut to restore optimal tension.
- Works with mechanical splices. Urethane blade glides over splices.
- For replacement parts see the EZP1 Parts List on Page 16.
- Compatible with reversing belts.

U.S. Patent No. D482,508S

ConShear™ Replacement Blades

EZP1
Standard Duty Precleaner

Blade Width Selection

BELT WIDTH		BELT WIDTH MINUS 2"	BELT WIDTH MINUS 8"	BELT WIDTH MINUS 14"
in.	mm			
12	300	10"	N/A	N/A
18	450	16"	10"	N/A
24	600	22"	16"	10"
30	750	28"	22"	16"
36	900	34"	28"	22"
42	1050	40"	34"	28"
48	1200	46"	40"	34"
54	1350	52"	46"	40"
60	1500	58"	52"	46"
72	1800	70"	64"	58"



Replacement High Temp ConShear™ Blades

(Color Identification: Yellow)

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
10	250	CRB-HT10	76593	4.8
16	400	CRB-HT16	76594	7.6
22	550	CRB-HT22	76595	10.4
28	700	CRB-HT28	76596	13.2
34	850	CRB-HT34	76597	16.2
40	1000	CRB-HT40	76598	19.1
46	1150	CRB-HT46	76599	21.9
52	1300	CRB-HT52	76600	24.8
58	1450	CRB-HT58	76601	27.6
64	1600	CRB-HT64	76602	30.5
70	1750	CRB-HT70	76603	33.4

Lead time: 1 working day

Ordering Information ConShear™ Replacement Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
10	250	CRB10	75628	4.6
16	400	CRB16	75629	7.3
22	550	CRB22	75630	10.1
28	700	CRB28	75631	12.8
34	850	CRB34	75632	15.5
40	1000	CRB40	75633	18.3
46	1150	CRB46	75634	21.0
52	1300	CRB52	75635	23.8
58	1450	CRB58	75636	26.5
64	1600	CRB64	75775	29.2
70	1750	CRB70	75773	32.0
76	1900	CRB76	76940	34.7
82	2050	CRB82	76941	37.5

Other blade sizes available upon request.

Lead time: 1 working day

Replacement White ConShear™ Blades (Chemical Resistant/Food Grade)

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
10	250	CRB-W10	78471	4.8
16	400	CRB-W16	78472	7.6
22	550	CRB-W22	78473	10.4
28	700	CRB-W28	78474	13.2
34	850	CRB-W34	78475	16.2
40	1000	CRB-W40	78476	19.1
46	1150	CRB-W46	78477	21.9
52	1300	CRB-W52	78478	24.8
58	1450	CRB-W58	78479	27.6
64	1600	CRB-W64	78480	30.5
70	1750	CRB-W70	78481	33.4

Lead time: 1 working day

‡ All ingredients used in the urethane formulation of this blade comply with the relevant requirements of 21 CFR (FDA Code of Federal Regulations) for use in repeated bulk dry food applications

Product Notes:

- Take blade width and ordering number from the worn blade and use the Replacement Blade Chart.
- For optimal cleaning and reduced blade retensioning maintenance, the cleaner blade width should be sized to fit the material path of the belt. The material path is typically 2/3 of the belt width. In most cases a blade size of belt width minus 8" may be the best selection.
- The ConShear™ blade has a faceted profile that renews the cleaning edge as it wears.
- Visual tension check. No guesswork on blade tensioning. Simply measure the spring, check label on tensioner and turn adjusting nut to restore optimal tension.
- ConShear blades are made of a special long-wearing urethane.
- A molded-in blade wear line indicates when the blade is worn out and needs to be replaced.
- Blade replacement is quick. Pull one pin, remove the old blade and slide the new one in.

U.S. Patent No. D482,508S

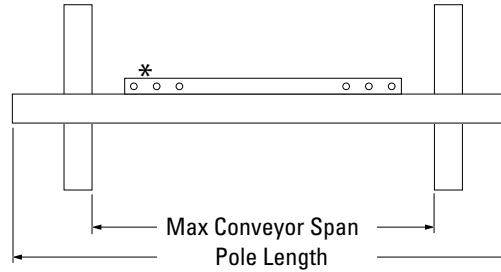
Specifications & Guidelines

EZP1 & EZP1T Standard Duty Precleaners

Pole Length Specifications

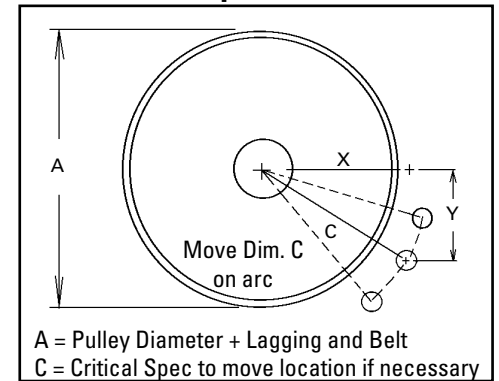
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
12	300	42	1050	37	925
18	450	48	1200	43	1075
24	600	54	1350	49	1225
30	750	60	1500	55	1375
36	900	66	1650	61	1525
42	1050	72	1800	67	1675
48	1200	78	1950	73	1825
54	1350	88	2200	83	2075
60	1500	94	2350	89	2225
72	1800	106	2650	101	2525

Pole Diameter - 2-3/8" (60mm)



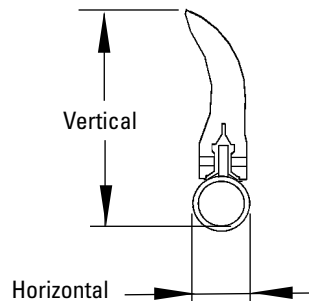
*Each pole size can be used with a blade size either belt width minus 2", belt width minus 8", or belt width minus 14".

Pole Location Specs



Clearance Guidelines for Installation

HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
4	100	9 1/2	238

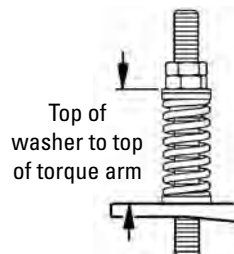


Spring Length Chart

with EST Spring Tensioner

BLADE WIDTH	PURPLE SPRING	SILVER SPRING	BLACK SPRING
10"	5 3/4"	6 1/4"	N/A
16"	5 1/4"	6"	N/A
22"	4 3/4"	5 7/8"	N/A
28"	4 1/4"	5 5/8"	N/A
34"	N/A	5 3/8"	5 5/8"
40"	N/A	5 1/8"	5 1/2"
46"	N/A	5"	5 1/4"
52"	N/A	4 3/4"	5 1/8"
58"	N/A	N/A	5"
64"	N/A	N/A	4 3/4"
70"	N/A	N/A	4 5/8"

Shading indicates preferred spring option



Twist Tensioner Chart

BLADE WIDTH	STANDARD	HEAVY DUTY
10"	8	6
16"	13	9
22"	18	12
28"	23	16
34"	27	19
40"	32	23
46"	37	26
52"	N/A	29
58"	N/A	33
64"	N/A	36
70"	N/A	40

Pole Location Chart

A	X	Y	C
10"	3"	9"	9-1/2"
11"	3-3/4"	9"	9-3/4"
12"	4-3/8"	9"	10"
13"	5-3/8"	9"	10-1/2"
14"	5-7/8"	9"	10-3/4"
15"	6-3/4"	9"	11-1/4"
16"	7-1/8"	9"	11-1/2"
17"	7-7/8"	9"	12"
18"	8-1/4"	9"	12-1/4"
19"	9"	9"	12-3/4"
20"	9-3/8"	9"	13"
21"	10"	9"	13-1/2"
22"	10-3/4"	9"	14"
23"	11-3/8"	9"	14-1/2"
24"	12"	9"	15"
25"	12-5/8"	9"	15-1/2"
26"	13-1/4"	9"	16"
27"	13-7/8"	9"	16-1/2"
28"	14-3/8"	9"	17"
29"	15"	9"	17-1/2"
30"	15-5/8"	9"	18"
31"	16-1/8"	9"	18-1/2"
32"	16-3/4"	9"	19"
33"	17-1/4"	9"	19-1/2"
34"	17-7/8"	9"	20"
35"	18-3/8"	9"	20-1/2"
36"	19"	9"	21"

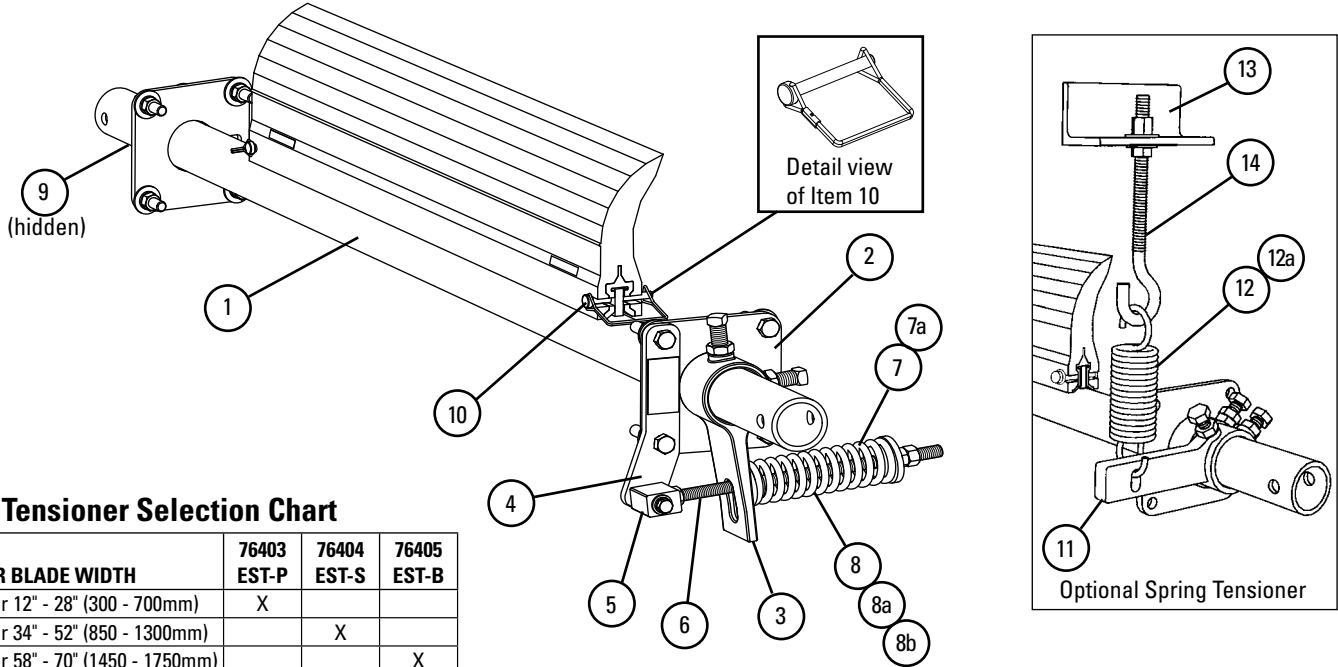
Specifications:

- Maximum Belt Speed 700 FPM (3.5M/sec)
- Temperature Rating (ConShear, ConShear White).... -30°F to 180°F (-35°C to 82°C)
- Temperature Rating (ConShear High Temp) Up to 275°F (135°C) with spikes to 325°F (164°C)
- Minimum Pulley Diameter 10" (250mm)
- Blade Height 7-1/4" (185mm)
- Usable Blade Wear Length 4" (100mm)
- Blade Material..... Urethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths..... 12" to 72" (300 to 1800mm)

U.S. Patent No. D482,508S

Replacement Parts List

EZP1 Standard Duty Precleaner



Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	76403 EST-P	76404 EST-S	76405 EST-B
ConShear 12" - 28" (300 - 700mm)	X		
ConShear 34" - 52" (850 - 1300mm)		X	
ConShear 58" - 70" (1450 - 1750mm)			X

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	12" (300mm) Pole	EZP1P12	75619	17.4
	18" (450mm) Pole	EZP1P18	75620	20.3
	24" (600mm) Pole	EZP1P24	75621	22.7
	30" (750mm) Pole	EZP1P30	75622	26.5
	36" (900mm) Pole	EZP1P36	75623	30.4
	42" (1050mm) Pole	EZP1P42	75624	32.7
	48" (1200mm) Pole	EZP1P48	75625	35.3
	54" (1350mm) Pole	EZP1P54	75626	39.2
	60" (1500mm) Pole	EZP1P60	75627	43.3
72" (1800mm) Pole	EZP1P72	75772	48.2	
2	Mounting Plate Kit* (2 ea.)	EZP1MPK	75637	7.7
3	Torque Arm Kit* (1 ea.)	ESTAK-EST	76406	3.6
4	Pivot Shaft Bracket Kit* (1 ea.)	ESPSBK	76407	1.8
5	Pivot Block Kit*	ESPBK	76408	0.7
6	Pivot Rod Kit*	ESPRK	76409	1.2
7	Bushing Kit - Purple and Silver (includes 2 bushings)	ESBK-PS	76410	0.1
7a	Bushing Kit - Black (includes 2 bushings)	ESBK-B	76411	0.1
8	Tension Spring - Purple	QMTS-P	75845	1.0
8a	Tension Spring - Silver	ESS-S	76412	1.2
8b	Tension Spring - Black	ESS-B	76413	1.4
9	Pole Lock* (1 ea.)	EZP1PL	75641	1.1
-	EST Tensioner - Purple* for blade widths 12" - 28" (300 - 700mm) (includes 1 each items 3, 4, 5, 6, 7 & 8)	EST-P	76403	7.7
-	EST Tensioner - Silver* for blade widths 34" - 52" (850 - 1300mm) (includes 1 each items 3, 4, 5, 6, 7 & 8a)	EST-S	76404	7.9
-	EST Tensioner - Black* for blade widths 58" - 70" (1450 - 1750mm) (includes 1 each items 3, 4, 5, 6, 7a & 8b)	EST-B	76405	8.1
10	Blade Pin (1 ea.)	EZP1BP	75642	0.1

*Hardware Included
Lead time: 1 working day

Optional Spring Tensioner & Parts

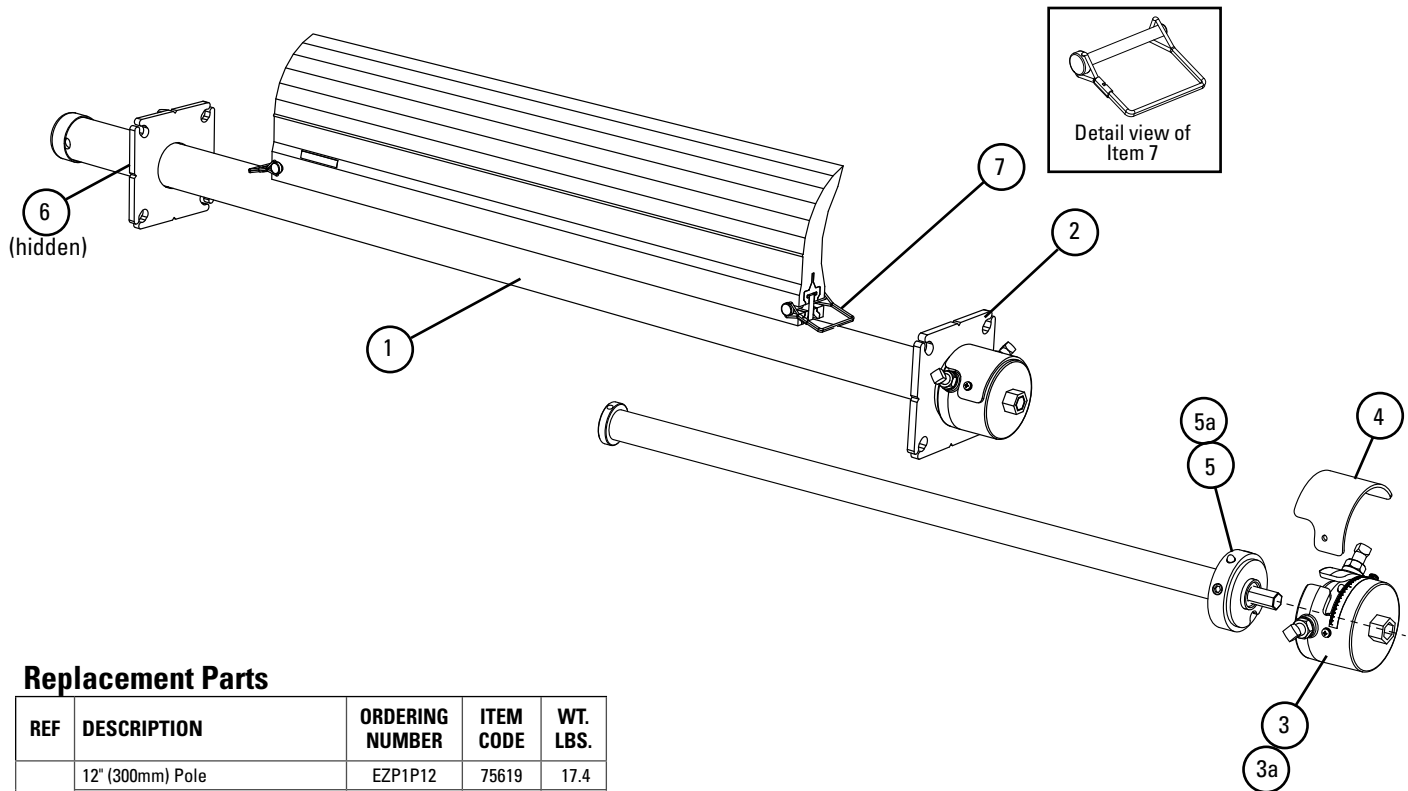
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
11	Tension Arm Kit* (1 ea.)	HAR-K	78786	6.0
12	Tension Spring (1 ea.) for sizes 12" - 30" (300 - 750mm)	STTS	74419	1.4
12a	HD Tension Spring (1 ea.) for sizes 36" - 72" (900 - 1800mm)	HDTTS	74502	2.0
13	Spring Tension J-Bolt Mount (1 ea.)	STJM	74775	3.0
14	J-Bolt Kit* (1 ea.)	STJ-K	78785	0.7
-	Optional Spring Tensioner Kit* for sizes 12" - 30" (300 - 750mm)	EZP10TK1	76418	11.2
-	Optional Spring Tensioner Kit* for sizes 36" - 72" (900 - 1800mm)	EZP10TK2	76419	11.8

*Hardware Included
Lead time: 1 working day

U.S. Patent No. D482,508S

Replacement Parts List

EZP1T Twist Tensioner Precleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	12" (300mm) Pole	EZP1P12	75619	17.4
	18" (450mm) Pole	EZP1P18	75620	20.3
	24" (600mm) Pole	EZP1P24	75621	22.7
	30" (750mm) Pole	EZP1P30	75622	26.5
	36" (900mm) Pole	EZP1P36	75623	30.4
	42" (1050mm) Pole	EZP1P42	75624	32.7
	48" (1200mm) Pole	EZP1P48	75625	35.3
	54" (1350mm) Pole	EZP1P54	75626	39.2
	60" (1500mm) Pole	EZP1P60	75627	43.3
72" (1800mm) Pole	EZP1P72	75772	48.2	
2	Torsion Mounting Plate Kit* (2 ea.)	EZPTMPK	78507	8.7
3	Torsion Cap Kit* (1 ea.) (includes 1 ea. Item 4)	EZPTCK	78508	3.2
3a	Torsion Cap Kit HD* (1 ea.) (includes 1 ea. Item 4)	EZPTCKHD	78509	3.2
4	Torsion Shield	EZPTSR	78510	.1
5	Torsion Spring Kit	EZPTSK	78511	6.0
5a	Torsion Spring Kit HD	EZPTSKHD	78512	8.5
6	Pole Lock* (1 ea.)	EZP1PL	75641	1.1
-	Torsion Bar Tensioner for blade widths 12" - 48" (300 - 1200mm) (includes 1 each items 3, 4, & 5)	EZPTBT	77384	17.4
-	Torsion Bar Tensioner HD for blade widths 54" - 72" (1350 - 1800mm) (includes 1 each items 3a, 4, & 5a)	EZPTBTHD	77385	20.0
7	Blade Pin (1 ea.)	EZP1BP	75642	0.1

*Hardware Included Lead time: 1 working day

Torsion Bar Tensioner Selection Chart

CLEANER BLADE WIDTH	77384 EZPTBT	77385 EZPTBTHD
ConShear 12" - 48" (300 - 1200mm)	X	
ConShear 54" - 72" (1350 - 1800mm)		X

U.S. Patent No. D482,508S

Product Ordering Information

EZP-LS Limited Space Precleaner



EZP-LS Precleaner Belt Width Minus 2"

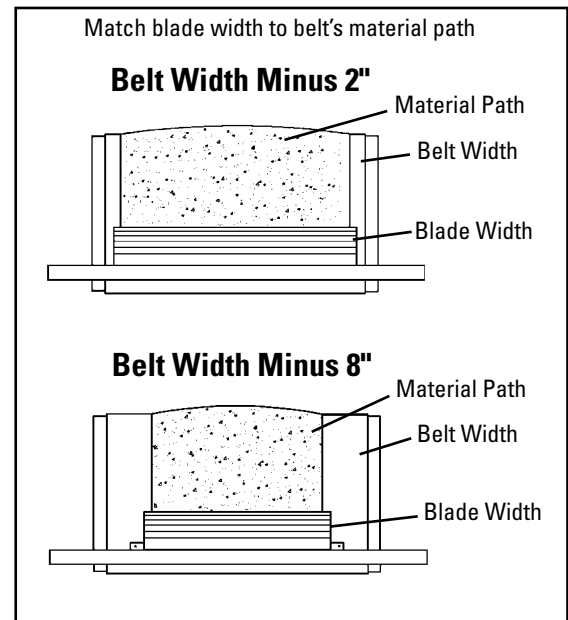
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
12	300	10	250	EZP-LS212	77127	24.8
18	450	16	400	EZP-LS218	77128	28.2
24	600	22	550	EZP-LS224	77129	31.7
30	750	28	700	EZP-LS230	77130	35.1
36	900	34	850	EZP-LS236	77131	38.6
42	1050	40	1000	EZP-LS242	77132	42.0
48	1200	46	1150	EZP-LS248	77133	45.5
54	1350	52	1300	EZP-LS254	77134	48.9
60	1500	58	1450	EZP-LS260	77135	52.5

Lead time: 1 working day

EZP-LS Precleaner Belt Width Minus 8"

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
18	450	10	250	EZP-LS818	77136	27.0
24	600	16	400	EZP-LS824	77137	30.4
30	750	22	550	EZP-LS830	77138	33.9
36	900	28	700	EZP-LS836	77139	37.3
42	1050	34	850	EZP-LS842	77140	40.8
48	1200	40	1000	EZP-LS848	77141	44.2
54	1350	46	1150	EZP-LS854	77142	47.7
60	1500	52	1300	EZP-LS860	77143	51.2

Lead time: 1 working day



Product Notes:

- For optimal cleaning and reduced blade retensioning maintenance, the cleaner blade width should be sized to fit the material path of the belt. The material path is typically 2/3 of the belt width.
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 2", minus 8", or minus 14").
- Comes complete with universal mounting plates and tensioner.
- Visual tension check. No guesswork on blade tensioning. Simply measure the spring, check label on tensioner and turn adjusting nut to restore optimal tension.
- Visual blade wear check. Tensioner has built-in gauge to monitor blade wear.
- Works with mechanical splices. Urethane blade glides over splices.
- Compatible with reversing belts.
- For applications requiring longer pole lengths, go to the minus 8" chart and select the cleaner one belt width size larger. This will provide a pole 6" longer and a blade size of belt width minus 2".

U.S. Patent No. D482,508S (blade)

Patent Pending (tensioner)

Product Ordering Information

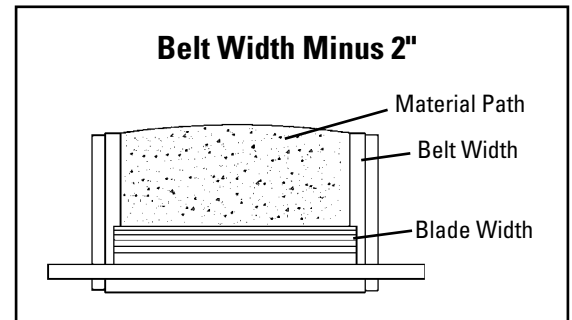
High Temp EZP-LS Limited Space Precleaner



EZP-LS High-Temp Precleaner Belt Width Minus 2"

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
12	300	10	250	EZP-LS212HT	77746	24.8
18	450	16	400	EZP-LS218HT	77747	28.2
24	600	22	550	EZP-LS224HT	77748	31.7
30	750	28	700	EZP-LS230HT	77749	35.1
36	900	34	850	EZP-LS236HT	77750	38.6
42	1050	40	1000	EZP-LS242HT	77751	42.0
48	1200	46	1150	EZP-LS248HT	77752	45.5
54	1350	52	1300	EZP-LS254HT	77753	48.9
60	1500	58	1450	EZP-LS260HT	77754	52.5

Lead time: 1 working day



Product Notes:

- The high-temp ConShear LS works in temperatures up to 275°F (135°C) with spikes to 325°F (164°C).
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 2", minus 8", or minus 14").
- Comes complete with universal mounting plates and tensioner.
- Visual tension check. No guesswork on blade tensioning. Simply measure the spring, check label on tensioner and turn adjusting nut to restore optimal tension.
- Visual blade wear check. Tensioner has built-in gauge to monitor blade wear.
- Works with mechanical splices. Urethane blade glides over splices.
- Compatible with reversing belts.

U.S. Patent No. D482,508S (blade)

Patent Pending (tensioner)

ConShear™ LS Replacement Blades

EZP-LS
Limited Space Precleaner



Blade Width Selection

BELT WIDTH		BELT WIDTH MINUS 2"	BELT WIDTH MINUS 8"	BELT WIDTH MINUS 14"
in.	mm			
12	300	10"	N/A	N/A
18	450	16"	10"	N/A
24	600	22"	16"	10"
30	750	28"	22"	16"
36	900	34"	28"	22"
42	1050	40"	34"	28"
48	1200	46"	40"	34"
54	1350	52"	46"	40"
60	1500	58"	52"	46"

Replacement ConShear™-LS Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
10	250	CRB-LS10	77088	2.1
16	400	CRB-LS16	77089	3.3
22	550	CRB-LS22	77090	4.6
28	700	CRB-LS28	77091	5.8
34	850	CRB-LS34	77092	7.1
40	1000	CRB-LS40	77093	8.3
46	1150	CRB-LS46	77094	9.6
52	1300	CRB-LS52	77095	10.8
58	1450	CRB-LS58	77096	12.1

Other blade sizes available upon request.
Lead time: 1 working day

Replacement ConShear™-LS High-Temp Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
10	250	CRB-LS10HT	77551	2.1
16	400	CRB-LS16HT	77552	3.3
22	550	CRB-LS22HT	77553	4.6
28	700	CRB-LS28HT	77554	5.8
34	850	CRB-LS34HT	77555	7.1
40	1000	CRB-LS40HT	77556	8.3
46	1150	CRB-LS46HT	77557	9.6
52	1300	CRB-LS52HT	77558	10.8
58	1450	CRB-LS58HT	77559	12.1

Other blade sizes available upon request.
Lead time: 1 working day

Replacement ConShear™-LS White Blades (Chemical Resistant/Food Grade) ‡

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
10	250	CRB-LS10W	77097	2.1
16	400	CRB-LS16W	77098	3.3
22	550	CRB-LS22W	77099	4.6
28	700	CRB-LS28W	77100	5.8
34	850	CRB-LS34W	77101	7.1
40	1000	CRB-LS40W	77102	8.3
46	1150	CRB-LS46W	77103	9.6
52	1300	CRB-LS52W	77104	10.8
58	1450	CRB-LS58W	77105	12.1

Other blade sizes available upon request.
Lead time: 1 working day

‡ All ingredients used in the urethane formulation of this blade comply with the relevant requirements of 21 CFR (FDA Code of Federal Regulations) for use in repeated bulk dry food applications

Product Notes:

- Take blade width and ordering number from the worn blade and use the Replacement Blade Chart.
- For optimal cleaning and reduced blade retensioning maintenance, the cleaner blade width should be sized to fit the material path of the belt. The material path is typically 2/3 of the belt width.
- The ConShear™ blade has a faceted profile that renews the cleaning edge as it wears.
- Visual tension check. No guesswork on blade tensioning. Simply measure the spring, check label on tensioner and turn adjusting nut to restore optimal tension.
- ConShear blades are made of a special long-wearing urethane.
- A molded-in blade wear line indicates when the blade is worn out and needs to be replaced.
- Blade replacement is quick. Pull one pin, remove the old blade and slide the new one in.

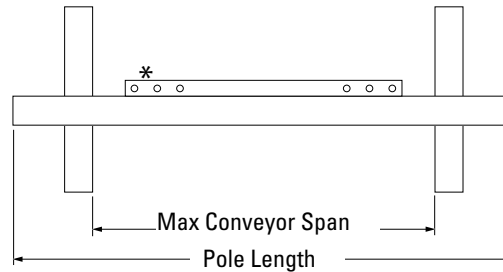
U.S. Patent No. D482,508S (blade)
Patent Pending (tensioner)

Specifications & Guidelines

Pole Length Specifications

CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
12	300	42	1050	37	925
18	450	48	1200	43	1075
24	600	54	1350	49	1225
30	750	60	1500	55	1375
36	900	66	1650	61	1525
42	1050	72	1800	67	1675
48	1200	78	1950	73	1825
54	1350	88	2200	83	2075
60	1500	94	2350	89	2225

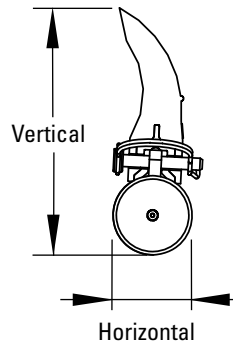
Pole Diameter - 1-7/8" (48 mm)



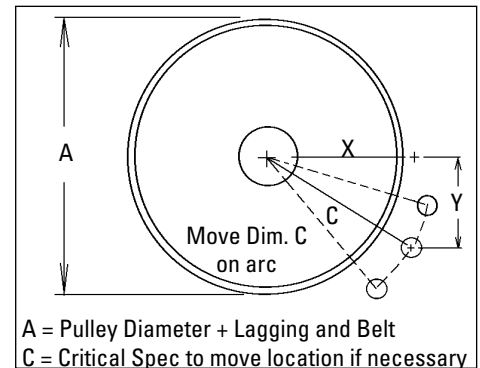
*Each pole size can be used with a blade size either belt width minus 2", belt width minus 8", or belt width minus 14".

Clearance Guidelines for Installation

HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
3	75	6 1/2	165



Pole Location Specs

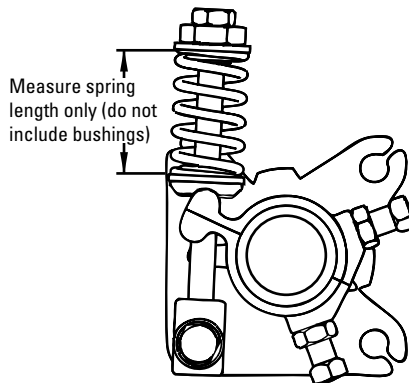


Spring Length Chart

With LST Spring Tensioner

BLADE WIDTH	PURPLE SPRING	WHITE SPRING	SILVER SPRING
10"	2"	N/A	N/A
16"	1 5/8"	2 1/8"	N/A
22"	N/A	2"	N/A
28"	N/A	1 7/8"	N/A
34"	N/A	1 3/4"	N/A
40"	N/A	1 1/2"	N/A
46"	N/A	1 3/8"	2"
52"	N/A	N/A	2"
58"	N/A	N/A	1 7/8"

Shading indicates preferred spring option



Pole Location Chart

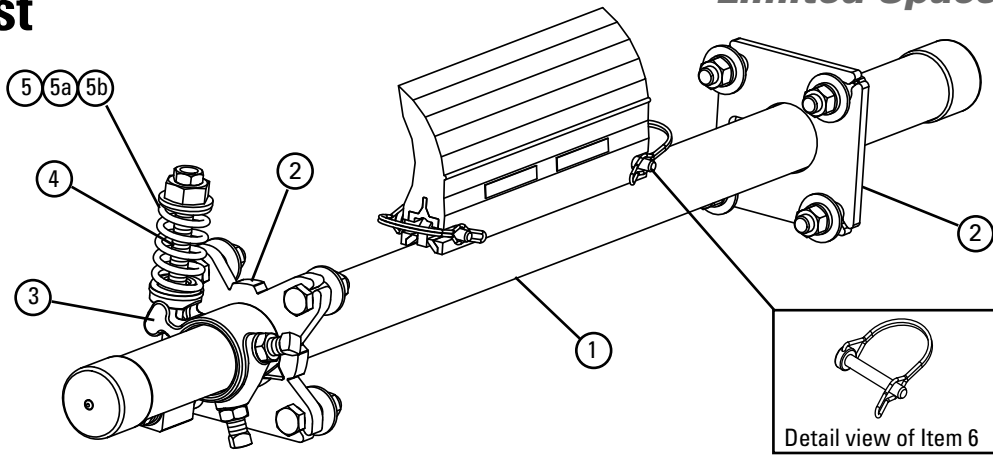
A	X	Y	C
6"	2 5/8"	5 1/2"	6 1/8"
7"	3 1/4"	5 1/2"	6 3/8"
8"	3 7/8"	5 1/2"	6 3/4"
9"	4 3/8"	5 1/2"	7"
10"	5"	5 1/2"	7 3/8"
11"	5 1/2"	5 1/2"	7 3/4"
12"	6 1/8"	5 1/2"	8 1/4"
13"	6 5/8"	5 1/2"	8 5/8"
14"	7 1/8"	5 1/2"	9"
15"	7 5/8"	5 1/2"	9 3/8"
16"	8 1/4"	5 1/2"	9 7/8"
17"	8 3/4"	5 1/2"	10 3/8"
18"	9 1/4"	5 1/2"	10 3/4"
19"	9 3/4"	5 1/2"	11 1/4"
20"	10 1/4"	5 1/2"	11 5/8"
21"	10 3/4"	5 1/2"	12 1/8"
22"	11 1/4"	5 1/2"	12 1/2"

Specifications:

- Maximum Belt Speed 500 FPM (2.5M/sec)
- Temperature Rating (ConShear, ConShear White)..... -30°F to 180°F (-35°C to 82°C)
- Temperature Rating (ConShear High Temp)..... Up to 275°F (135°C) with spikes to 325°F (164°C)
- Minimum Pulley Diameter 6" (150mm)
- Blade Height 4.5" (115mm)
- Usable Blade Wear Length 2-3/8" (60mm)
- Blade Material..... Urethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths..... 12" to 60" (300 to 1500mm).

Replacement Parts List

EZP-LS Limited Space Precleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	12" (300mm) Pole	LSP12	77070	13.3
	18" (450mm) Pole	LSP18	77071	15.5
	24" (600mm) Pole	LSP24	77072	17.7
	30" (750mm) Pole	LSP30	77073	19.9
	36" (900mm) Pole	LSP36	77074	22.1
	42" (1050mm) Pole	LSP42	77075	24.3
	48" (1200mm) Pole	LSP48	77076	26.5
	54" (1350mm) Pole	LSP54	77077	28.7
	60" (1500mm) Pole	LSP60	77078	31.0
2	Mounting Plate Kit* (incl. 1 tensioner mounting plate and 1 pole mounting plate)	LSTMPK	77366	3.6
3	Torque Arm Kit* (1 ea.)	LST-TAK	77120	1.4
4	Pivot Block/Rod Kit* (1 ea.)	LSTPB-RK	77367	.8
5	Tension Spring - Purple (1 ea.) for blades 10-16" (250-400mm)	LS-SPK	77365	.2
5a	Tension Spring - White (1 ea.) for blades 22" - 46" (550 - 1150mm)	LS-SW	77117	.3
5b	Tension Spring - Silver (1 ea.) for blades 52" - 58" (1300 - 1450mm)	LS-SS	77118	.3
6	LS Blade Pin (1 ea.)	LS-BP	77114	.1
-	LST Spring Tensioner* - Purple incl. 1 tensioner mounting plate and 1 ea. items 3, 4 & 5 for blades 10"-16" (250-400mm)	LST-P	77121	7.5
-	LST Spring Tensioner* - White incl. 1 tensioner mounting plate and 1 ea. items 3, 4 & 5a for blades 22"-46" (550 - 1150mm)	LST-W	77122	7.6
-	LST Spring Tensioner* - Silver incl. 1 tensioner mounting plate and 1 ea. items 3, 4 & 5b for blades 52"-58" (1300 - 1450mm)	LST-S	77123	7.6

Hardware Included

For Arch/Gordon Mini-Saber Blades

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	ARCH/GORDON PART NUMBER	WT. LBS.
in.	mm	in.	mm				
18	450	16	400	RBAGM-16	77106	MRBMN00018	3.3
24	600	22	550	RBAGM-22	77107	MRBMN00024	4.6
30	750	28	700	RBAGM-28	77108	MRBMN00030	5.8
36	900	34	850	RBAGM-34	77109	MRBMN00036	7.1
42	1050	40	1000	RBAGM-40	77110	MRBMN00042	8.3
48	1200	46	1150	RBAGM-46	77111	MRBMN00048	9.6

Additional sizes are available upon request. Call for pricing.

For ASGCO Mini-Skalper Blades

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	ASGCO PART NUMBER	WT. LBS.
in.	mm	in.	mm				
18	450	12	400	RBAMS-12	77376	ASG-SBBM-12A	2.1
24	600	18	550	RBAMS-18	77377	ASG-SBBM-18A	3.3
30	750	24	700	RBAMS-24	77378	ASG-SBBM-24A	4.6
36	900	30	850	RBAMS-30	77379	ASG-SBBM-30A	5.8
42	1050	36	1000	RBAMS-36	77380	ASG-SBBM-36A	7.1
48	1200	42	1150	RBAMS-42	77381	ASG-SBBM-42A	8.3

Additional sizes are available upon request. Call for pricing.

Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	77121 Purple	77122 White	77123 Silver
ConShear-LS 10" - 16" (250 - 400mm)	X		
ConShear-LS 22" - 46" (550 - 1150mm)		X	
ConShear-LS 52" - 58" (1300 - 1450mm)			X

U.S. Patent No. D482,508S (blade)

Patent Pending (tensioner)

For best results use Flexco Genuine Replacement Blades and Parts.

Product Ordering Information

MSP Standard Mine-Duty Precleaner



MSP Standard-Duty Precleaner Belt Width Minus 2"

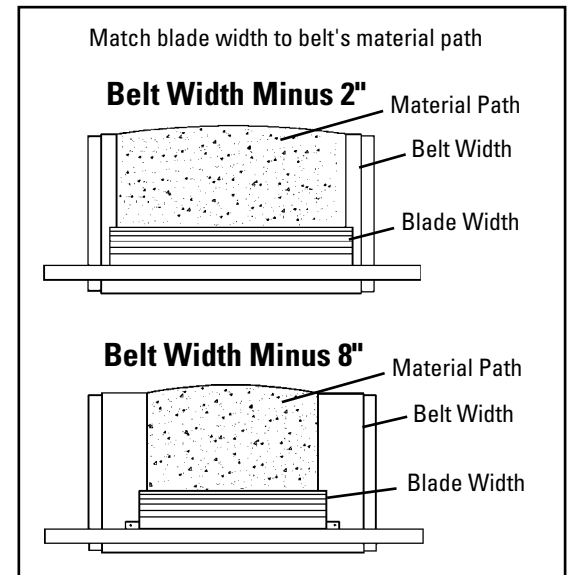
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	22	550	MSP-224	75787	83.4
30	750	28	700	MSP-230	75788	89.6
36	900	34	850	MSP-236	75789	98.2
42	1050	40	1000	MSP-242	75790	106.0
48	1200	46	1150	MSP-248	75791	113.2
54	1350	52	1300	MSP-254	75792	120.0
60	1500	58	1450	MSP-260	75793	125.7
72	1800	70	1750	MSP-272	75794	140.2
84	2100	82	2050	MSP-284	76796	164.2

Lead time: 1 working day

MSP Standard-Duty Precleaner Belt Width Minus 8"

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	16	400	MSP-824	75795	80.6
30	750	22	550	MSP-830	75796	86.9
36	900	28	700	MSP-836	75797	95.5
42	1050	34	850	MSP-842	75798	103.2
48	1200	40	1000	MSP-848	75799	110.5
54	1350	46	1150	MSP-854	75800	117.2
60	1500	52	1300	MSP-860	75801	123.0
72	1800	64	1600	MSP-872	75802	134.7
84	2100	76	1900	MSP-884	76797	160.0

Lead time: 1 working day



Product Notes:

- Recommended for standard-duty conveyor applications. For tougher belt applications see the MMP Medium-Duty Precleaner (Page 29). For extreme, abusive applications see the MHCP Heavy-Duty Cartridge Precleaner (Page 37)
- Material Path Option: Fit the blade width to the belt's material path. The material path is typically the center 2/3 of the belt width. In most cases a blade size of belt width minus 8" may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 2", minus 8" or minus 14").
- Pole Length: Belt width plus 54". For conveyors requiring longer pole lengths, go to the minus 8" chart and select the cleaner one belt width size larger. This will provide a pole 6" longer and a blade size of belt width minus 2". For longer requirements see Installation Accessories - Pole Extender Kit (Page 93).
- Visual Tension Check: No guesswork on blade tensioning. Measure the spring and adjust to specified length per blade width to restore optimal tensioning.
- To make cleaner installation easier and quicker, see Optional Mounting Kits on Page 93.

U.S. Patent No. D482,508S

Product Ordering Information

Stainless Steel MSP Standard Mine-Duty Precleaner

Stainless Steel MSP Standard-Duty Precleaner Belt Width Minus 2"

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	22	550	MSP-224-S/S	77453	83.4
30	750	28	700	MSP-230-S/S	77454	89.6
36	900	34	850	MSP-236-S/S	77455	98.2
42	1050	40	1000	MSP-242-S/S	77456	106.0
48	1200	46	1150	MSP-248-S/S	77457	113.2
54	1350	52	1300	MSP-254-S/S	77458	120.0
60	1500	58	1450	MSP-260-S/S	77459	125.7
72	1800	70	1750	MSP-272-S/S	77460	140.2
84	2100	82	2050	MSP-284-S/S	77461	164.2

Lead time: 1 working day

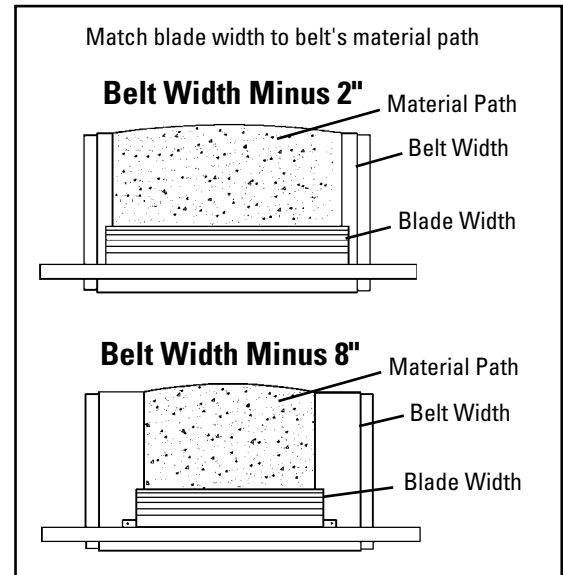
Shaded items are made to order.
Lead time: 3 weeks



Stainless Steel MSP Standard-Duty Precleaner Belt Width Minus 8"

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	16	400	MSP-824-S/S	77462	80.6
30	750	22	550	MSP-830-S/S	77463	86.9
36	900	28	700	MSP-836-S/S	77464	95.5
42	1050	34	850	MSP-842-S/S	77465	103.2
48	1200	40	1000	MSP-848-S/S	77466	110.5
54	1350	46	1150	MSP-854-S/S	77467	117.2
60	1500	52	1300	MSP-860-S/S	77468	123.0
72	1800	64	1600	MSP-872-S/S	77470	134.7
84	2100	76	1900	MSP-884-S/S	77471	160.0

Lead time: 1 working day



Product Notes:

- Recommended for standard-duty conveyor applications, but in corrosive environments.
- Material Path Option: Fit the blade width to the belt's material path. The material path is typically the center 2/3 of the belt width. In most cases a blade size of belt width minus 8" may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 2", minus 8" or minus 14").
- Pole Length: Belt width plus 54". For conveyors requiring longer pole lengths, go to the minus 8" chart and select the cleaner one belt width size larger. This will provide a pole 6" longer and a blade size of belt width minus 2". For longer requirements see Installation Accessories - Pole Extender Kit (Page 93).
- Visual Tension Check: No guesswork on blade tensioning. Measure the spring and adjust to specified length per blade width to restore optimal tensioning.
- To make cleaner installation easier and quicker, see Optional Mounting Kits on Page 93.

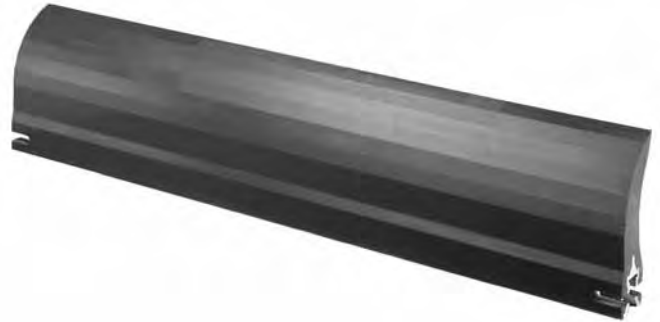
U.S. Patent No. D482,508S

ConShear™ Replacement Blades

MSP
Standard Mine-Duty Precleaner

Blade Width Selection

BELT WIDTH		BELT WIDTH MINUS 2"	BELT WIDTH MINUS 8"	BELT WIDTH MINUS 14"
in.	mm			
24	600	22"	16"	10"
30	750	28"	22"	16"
36	900	34"	28"	22"
42	1050	40"	34"	28"
48	1200	46"	40"	34"
54	1350	52"	46"	40"
60	1500	58"	52"	46"
72	1800	70"	64"	58"
84	2100	82"	76"	70"



Ordering Information ConShear™ Replacement Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
10	250	CRB10	75628	4.6
16	400	CRB16	75629	7.3
22	550	CRB22	75630	10.1
28	700	CRB28	75631	12.8
34	850	CRB34	75632	15.5
40	1000	CRB40	75633	18.3
46	1150	CRB46	75634	21.0
52	1300	CRB52	75635	23.8
58	1450	CRB58	75636	26.5
64	1600	CRB64	75775	29.2
70	1750	CRB70	75773	32.0
76	1900	CRB76	76940	34.7
82	2050	CRB82	76941	37.5

Other blade sizes available upon request.
Lead time: 1 working day

Replacement High Temp ConShear™ Blades

(Color Identification: Yellow)

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
10	250	CRB-HT10	76593	4.8
16	400	CRB-HT16	76594	7.6
22	550	CRB-HT22	76595	10.4
28	700	CRB-HT28	76596	13.2
34	850	CRB-HT34	76597	16.2
40	1000	CRB-HT40	76598	19.1
46	1150	CRB-HT46	76599	21.9
52	1300	CRB-HT52	76600	24.8
58	1450	CRB-HT58	76601	27.6
64	1600	CRB-HT64	76602	30.5
70	1750	CRB-HT70	76603	33.4

Lead time: 1 working day

Replacement White ConShear™ Blades (Chemical Resistant/Food Grade) ‡

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
10	250	CRB-W10	78471	4.8
16	400	CRB-W16	78472	7.6
22	550	CRB-W22	78473	10.4
28	700	CRB-W28	78474	13.2
34	850	CRB-W34	78475	16.2
40	1000	CRB-W40	78476	19.1
46	1150	CRB-W46	78477	21.9
52	1300	CRB-W52	78478	24.8
58	1450	CRB-W58	78479	27.6
64	1600	CRB-W64	78480	30.5
70	1750	CRB-W70	78481	33.4

Lead time: 1 working day

‡ All ingredients used in the urethane formulation of this blade comply with the relevant requirements of 21 CFR (FDA Code of Federal Regulations) for use in repeated bulk dry food applications

Product Notes:

- A molded-in wear line indicates when the blade is worn out and needs to be replaced.
- Faceted blade profile: Renews its cleaning edge as the blade wears.
- ConShear™ blades are made of a special long-wearing urethane.
- Quick blade replacement: Pull one pin, remove the old blade and slide the new one in.

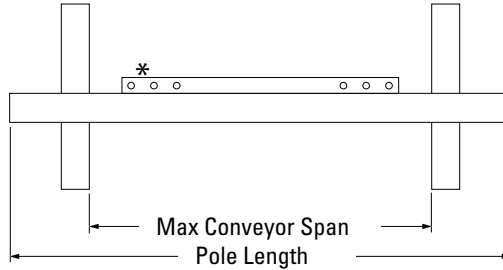
U.S. Patent No. D482,508S

Specifications & Guidelines

Pole Length Specifications*

CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
24	600	78	1950	68	1700
30	750	84	2100	74	1850
36	900	90	2250	80	2000
42	1050	96	2400	86	2150
48	1200	102	2550	92	2300
54	1350	108	2700	98	2450
60	1500	114	2850	104	2600
72	1800	126	3150	116	2900
84	2100	138	3450	128	3200

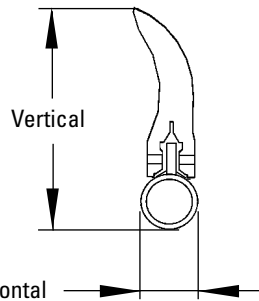
* For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. See Page 93.
Pole Diameter - 2-7/8" (73mm)



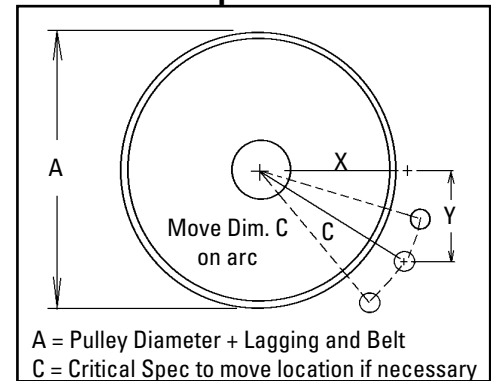
*Each pole size can be used with a blade size either belt width minus 2", belt width minus 8", or belt width minus 14".

Clearance Guidelines for Installation

HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
4	100	10	250



Pole Location Specs

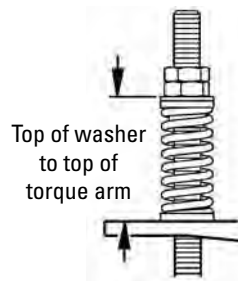


Spring Length Chart

with QMT Spring Tensioner

BLADE WIDTH	PURPLE SPRING	WHITE SPRING	GOLD SPRING
16"	5 1/4"	6 1/4"	N/A
22"	4 3/4"	6 1/8"	N/A
28"	4 1/8"	5 7/8"	N/A
34"	N/A	5 3/4"	6 1/8"
40"	N/A	5 5/8"	6 1/8"
46"	N/A	5 1/2"	6"
52"	N/A	5 3/8"	5 7/8"
58"	N/A	5 1/8"	5 7/8"
64"	N/A	5"	5 3/4"
70"	N/A	4 7/8"	5 5/8"
76"	N/A	N/A	5 5/8"
82"	N/A	N/A	5 1/2"

Shading indicates preferred spring option



Pole Location Chart

A	X	Y	C
16"	7 1/8"	9"	11 1/2"
17"	7 7/8"	9"	12"
18"	8 1/4"	9"	12 1/4"
19"	9"	9"	12 3/4"
20"	9 3/8"	9"	13"
21"	10"	9"	13 1/2"
22"	10 3/4"	9"	14"
23"	11 3/8"	9"	14 1/2"
24"	12"	9"	15"
25"	12 5/8"	9"	15 1/2"
26"	13 1/4"	9"	16"
27"	13 7/8"	9"	16 1/2"
28"	14 3/8"	9"	17"
29"	15"	9"	17 1/2"
30"	15 5/8"	9"	18"
31"	16 1/8"	9"	18 1/2"
32"	16 3/4"	9"	19"
33"	17 1/4"	9"	19 1/2"
34"	17 7/8"	9"	20"
35"	18 3/8"	9"	20 1/2"
36"	19"	9"	21"
37"	19 1/2"	9"	21 1/2"
38"	20"	9"	22"
39"	20 5/8"	9"	22 1/2"
40"	21 1/8"	9"	23"
41"	21 3/4"	9"	23 1/2"
42"	22 1/4"	9"	24"

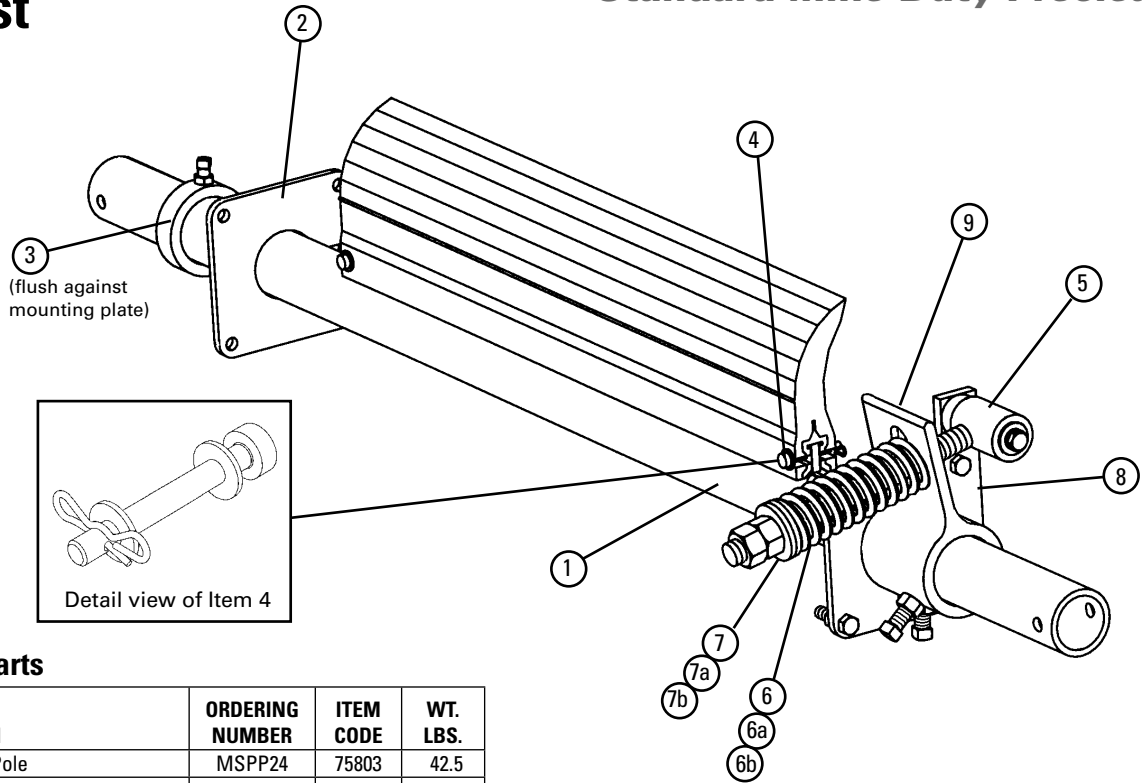
Specifications:

- Maximum Belt Speed 700 FPM (3.5M/sec)
- Temperature Rating (ConShear, ConShear White)..... -30°F to 180°F (-35°C to 82°C)
- Temperature Rating (ConShear High Temp)..... Up to 275°F (135°C) with spikes to 325°F (164°C)
- Minimum Pulley Diameter 16" (400mm)
- Blade Height 7-1/4" (185mm)
- Usable Blade Wear Length 4" (100mm)
- Blade Material..... Urethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths..... 24" to 84" (600 to 2100mm)

U.S. Patent No. D482,508S

Replacement Parts List

MSP
Standard Mine-Duty Precleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) Pole	MSPP24	75803	42.5
	30" (750mm) Pole	MSPP30	75804	46.0
	36" (900mm) Pole	MSPP36	75805	50.5
	42" (1050mm) Pole	MSPP42	75806	55.5
	48" (1200mm) Pole	MSPP48	75807	60.0
	54" (1350mm) Pole	MSPP54	75808	64.0
	60" (1500mm) Pole	MSPP60	75809	67.0
	72" (1800mm) Pole	MSPP72	75810	76.0
	84" (2100mm) Pole	MSPP84	76807	88.6
2	Mounting Plate Kit* (2 ea.)	MSPMPK	75811	8.3
3	Pole Lock* (1 ea.)	MSPPL	75816	1.9
4	Blade Pin Kit* (1 ea.)	MSPBPK	75831	0.1
5	Pivot Arm Kit* (1 ea.)	QMTPAK	76096	4.3
6	Tension Spring - Purple (1 ea.) for blades 16" - 28" (400 - 700mm)	QMTS-P	75845	0.6
6a	Tension Spring - White (1 ea.) for blades 34" - 70" (850 - 1750mm)	PSTS-W	75898	1.7
6b	Tension Spring - Gold (1 ea.) for blades 76" - 82" (1900 - 2050mm)	QMTS-G	76484	2.5
7	Bushing Kit - Purple (2 ea.)	QMTBK-P	76097	0.1
7a	Bushing Kit - White (2 ea.)	QMTBK-W	76098	0.2
7b	Bushing Kit - Gold (2 ea.)	QMTBK-G	76540	0.3
8	Pivot Shaft Bracket Kit* (1 ea.)	QMTPSBK	76099	4.3
9	Torsion Arm Kit* (1 ea.)	PSTA	75896	11.4
-	QMT Spring Tensioner* - Purple (incl. 1 ea. Items 5, 6, 7, 8, & 9) for blades 16" - 28" (400 - 700mm)	QMT-P	76074	20.4
-	QMT Spring Tensioner* - White (incl. 1 ea. Items 5, 6a, 7a, 8, & 9) for blades 34" - 70" (850 - 1750mm)	QMT-W	76075	21.8
-	QMT Spring Tensioner* - Gold (incl. 1 ea. Items 5, 6b, 7b, 8, & 9) for blades 76" - 82" (1900 - 2050mm)	QMT-G	76483	23.2

*Hardware Included
Lead Time: 1 working day

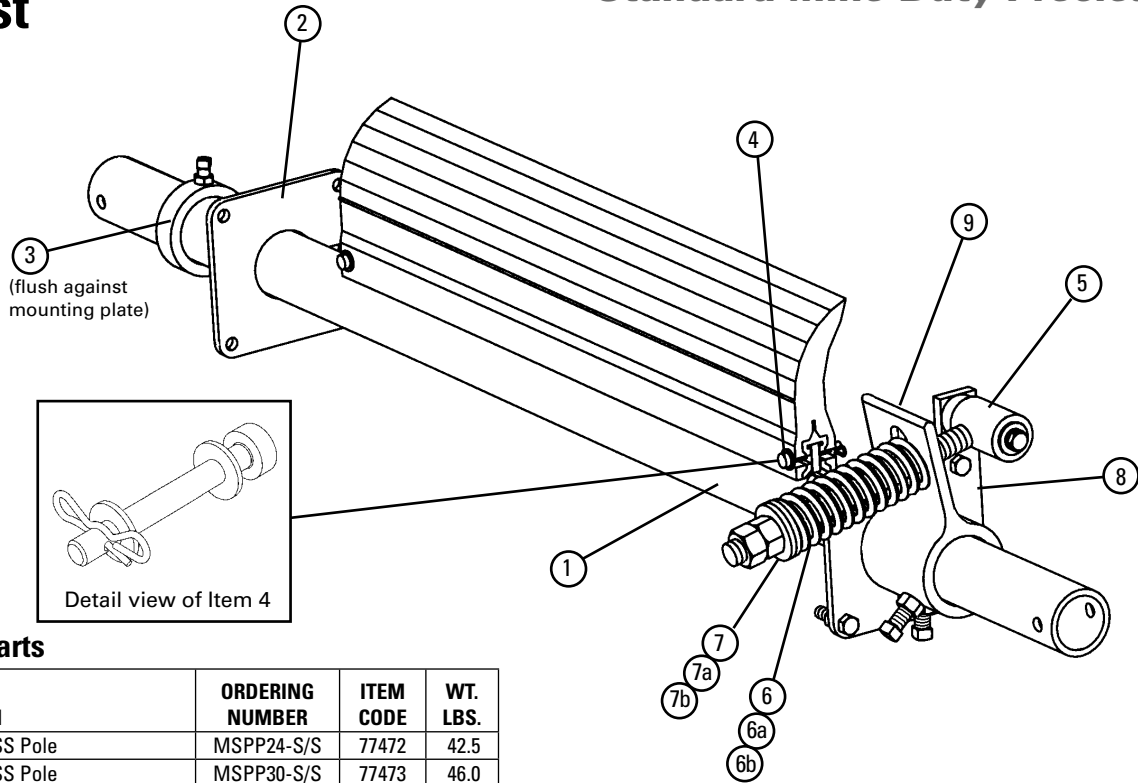
Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	76074 QMT-P	76075 QMT-W	76483 QMT-G
ConShear 16" - 28" (400 - 700mm)	X		
ConShear 34" - 70" (850 - 1750mm)		X	
ConShear 76" - 82" (1900 - 2050mm)			X

U.S. Patent No. D482,508S

Replacement Parts List

Stainless Steel MSP Standard Mine-Duty Precleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) SS Pole	MSPP24-S/S	77472	42.5
	30" (750mm) SS Pole	MSPP30-S/S	77473	46.0
	36" (900mm) SS Pole	MSPP36-S/S	77474	50.5
	42" (1050mm) SS Pole	MSPP42-S/S	77475	55.5
	48" (1200mm) SS Pole	MSPP48-S/S	77476	60.0
	54" (1350mm) SS Pole	MSPP54-S/S	77477	64.0
	60" (1500mm) SS Pole	MSPP60-S/S	77478	67.0
	60" (1500mm) SS Pole	MSPP72-S/S	77479	76.0
	84" (2100mm) SS Pole	MSPP84-S/S	77480	88.6
2	SS Mounting Plate Kit* (2 ea.)	MSPMPK-S/S	77582	8.3
3	SS Pole Lock* (1 ea.)	MSPPL-S/S	77524	1.9
4	SS Blade Pin Kit* (1 ea.)	MSPBPK-S/S	77583	0.1
5	SS Pivot Arm Kit* (1 ea.)	QMTPAK-S/S	77587	4.3
6	SS Tension Spring - Purple (1 ea.) for blades 16" - 28" (400 - 700mm)	QMTS-P-S/S	77450	0.6
6a	SS Tension Spring - White (1 ea.) for blades 34" - 70" (850 - 1750mm)	QMTS-W-S/S	77451	1.7
6b	SS Tension Spring - Gold (1 ea.) for blades 76" - 82" (1900 - 2050mm)	QMTS-G-S/S	77452	2.5
7	Bushing Kit - Purple (2 ea.)	QMTBK-P	76097	0.1
7a	Bushing Kit - White (2 ea.)	QMTBK-W	76098	0.2
7b	Bushing Kit - Gold (2 ea.)	QMTBK-G	76540	0.3
8	SS Pivot Shaft Bracket Kit* (1 ea.)	QMTPSBK-S/S	77588	4.3
9	SS Torsion Arm Kit* (1 ea.)	PSTA-S/S	77442	11.4
-	SS QMT Spring Tensioner* - Purple (incl. 1 ea. Items 5, 6, 7, 8, & 9) for blades 16" - 28" (400 - 700mm)	QMT-P-S/S	77584	20.4
-	SS QMT Spring Tensioner* - White (incl. 1 ea. Items 5, 6a, 7a, 8, & 9) for blades 34" - 70" (850 - 1750mm)	QMT-W-S/S	77585	21.8
-	SS QMT Spring Tensioner* - Gold (incl. 1 ea. Items 5, 6b, 7b, 8, & 9) for blades 76" - 82" (1900 - 2050mm)	QMT-G-S/S	77586	23.2

*Hardware Included
Lead Time: 1 working day

Shaded items are made to order.
Lead time: 3 weeks

Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	77584 QMT-P-S/S	77585 QMT-W-S/S	77586 QMT-G-S/S
ConShear 16" - 28" (400 - 700mm)	X		
ConShear 34" - 70" (850 - 1750mm)		X	
ConShear 76" - 82" (1900 - 2050mm)			X

U.S. Patent No. D482,508S

Product Ordering Information

MMP Medium Mine-Duty Precleaner



MMP Medium-Duty Precleaner Belt Width Minus 6" Blade

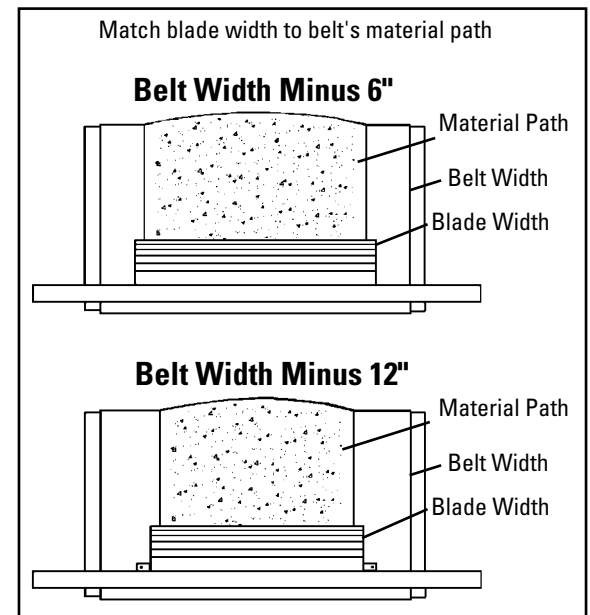
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	MMP-624	76450	159.4
30	750	24	600	MMP-630	76451	175.0
36	900	30	750	MMP-636	76452	190.6
42	1050	36	900	MMP-642	76453	206.2
48	1200	42	1050	MMP-648	76454	221.8
54	1350	48	1200	MMP-654	76455	237.4
60	1500	54	1350	MMP-660	76456	253.0
72	1800	66	1650	MMP-672	76457	291.1
84	2100	78	1950	MMP-684	76798	344.1

Lead time: 1 working day

MMP Medium-Duty Precleaner Belt Width Minus 12" Blade

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
30	750	18	450	MMP-1230	76551	168.0
36	900	24	600	MMP-1236	76552	183.6
42	1050	30	750	MMP-1242	76553	199.2
48	1200	36	900	MMP-1248	76554	214.8
54	1350	42	1050	MMP-1254	76555	230.4
60	1500	48	1200	MMP-1260	76556	246.0
72	1800	60	1500	MMP-1272	76557	284.1
84	2100	72	1800	MMP-1284	76799	340.9

Lead time: 1 working day



Product Notes:

- Recommended for medium-duty conveyor applications. For abusive applications see the MHCP Heavy-Duty Cartridge Precleaner (Page 37).
- Material Path Option: Fit the blade width to the belt's material path. The material path is typically the center 2/3 of the belt width. In most cases a blade size of belt width minus 6" may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 6", minus 12" or minus 18").
- Pole Length: Belt width plus 54". For longer requirements see Installation Accessories - Pole Extender Kit (Page 93).
- Visual Tension Check: No guesswork on blade tensioning. Measure the spring and adjust to specified length per blade width to restore optimal tensioning.
- To make cleaner installation easier and quicker, see Optional Mounting Kits on Page 93.

U.S. Patent No. D482,508S

Product Ordering Information

Stainless Steel MMP Medium Mine-Duty Precleaner



Stainless Steel MMP Medium-Duty Precleaner Belt Width Minus 6" Blade

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	MMP-624-S/S	77424	159.4
30	750	24	600	MMP-630-S/S	77425	175.0
36	900	30	750	MMP-636-S/S	77426	190.6
42	1050	36	900	MMP-642-S/S	77427	206.2
48	1200	42	1050	MMP-648-S/S	77428	221.8
54	1350	48	1200	MMP-654-S/S	77429	237.4
60	1500	54	1350	MMP-660-S/S	77430	253.0
72	1800	66	1650	MMP-672-S/S	77431	291.1
84	2100	78	1950	MMP-684-S/S	77432	344.1

Lead time: 1 working day

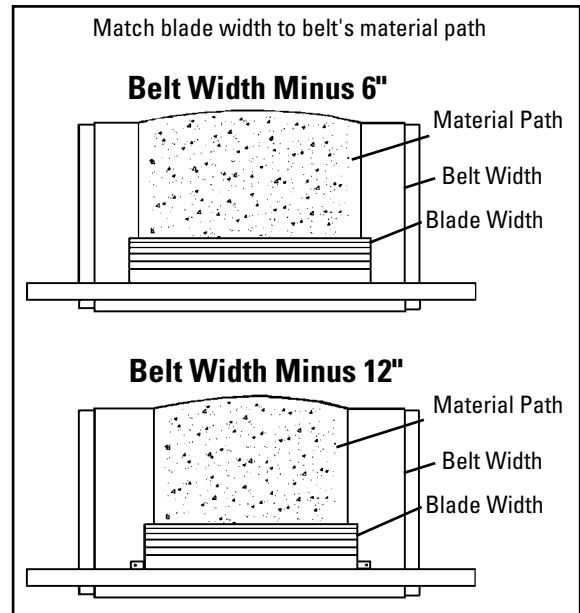
Shaded items are made to order.

Lead time: 3 weeks

Stainless Steel MMP Medium-Duty Precleaner Belt Width Minus 12" Blade

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
30	750	18	450	MMP-1230-S/S	77433	168.0
36	900	24	600	MMP-1236-S/S	77434	183.6
42	1050	30	750	MMP-1242-S/S	77435	199.2
48	1200	36	900	MMP-1248-S/S	77436	214.8
54	1350	42	1050	MMP-1254-S/S	77437	230.4
60	1500	48	1200	MMP-1260-S/S	77438	246.0
72	1800	60	1500	MMP-1272-S/S	77439	284.1
84	2100	72	1800	MMP-1284-S/S	77440	340.9

Lead time: 1 working day



Product Notes:

- Recommended for medium-duty conveyor applications, but in corrosive environments.
- Material Path Option: Fit the blade width to the belt's material path. The material path is typically the center 2/3 of the belt width. In most cases a blade size of belt width minus 6" may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 6", minus 12" or minus 18").
- Pole Length: Belt width plus 54". For longer requirements see Installation Accessories - Pole Extender Kit (Page 93).
- Visual Tension Check: No guesswork on blade tensioning. Measure the spring and adjust to specified length per blade width to restore optimal tensioning.
- To make cleaner installation easier and quicker, see Optional Mounting Kits on Page 93.

U.S. Patent No. D482,508S

Product Ordering Information

MMP Medium Mine-Duty Precleaner with Portable Air Tensioner



MMP Medium-Duty Precleaner with PAT Belt Width Minus 6" Blade

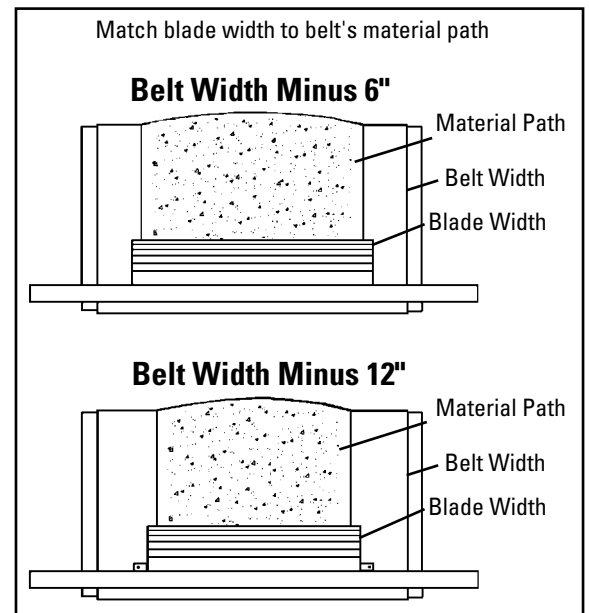
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	MMP-624P	78706	204.8
30	750	24	600	MMP-630P	78707	217.6
36	900	30	750	MMP-636P	78708	233.2
42	1050	36	900	MMP-642P	78709	248.8
48	1200	42	1050	MMP-648P	78710	264.4
54	1350	48	1200	MMP-654P	78711	277.2
60	1500	54	1350	MMP-660P	78712	292.8
72	1800	66	1650	MMP-672P	78713	330.9
84	2100	78	1950	MMP-684P	78714	303.9

Lead time: 1 working day

MMP Medium-Duty Precleaner with PAT Belt Width Minus 12" Blade

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
30	750	18	450	MMP-1230P	78715	210.6
36	900	24	600	MMP-1236P	78716	226.2
42	1050	30	750	MMP-1242P	78717	241.8
48	1200	36	900	MMP-1248P	78718	257.4
54	1350	42	1050	MMP-1254P	78719	270.2
60	1500	48	1200	MMP-1260P	78720	285.8
72	1800	60	1500	MMP-1272P	78721	323.9
84	2100	72	1800	MMP-1284P	78722	376.9

Lead time: 1 working day



Product Notes:

- Recommended for medium-duty conveyor applications. For abusive applications see MHCP Heavy-Duty Cartridge Precleaner (Page 37).
- Material Path Option: Fit the blade width to the belt's material path. The material path is typically the center 2/3 of the belt width. In most cases a blade size of belt width minus 6" may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 6", minus 12" or minus 18").
- Pole Length: Belt width plus 54". For longer requirements see Installation Accessories - Pole Extender Kit (Page 93).
- Portable Air Tensioner used for constant, automatic tension throughout the life of the blades. Can be used with side available air lines or with the add-on Air Tank.
- To make cleaner installation easier and quicker, see Optional Mounting Kits (Page 93).

U.S. Patent No. D482,508S

Product Ordering Information

Line Connections for Portable Air Tensioner

Air Tanks

ORDERING NUMBER	ITEM CODE	WT. LBS.
PAT1	78684	13.0
PAT2	78685	13.0



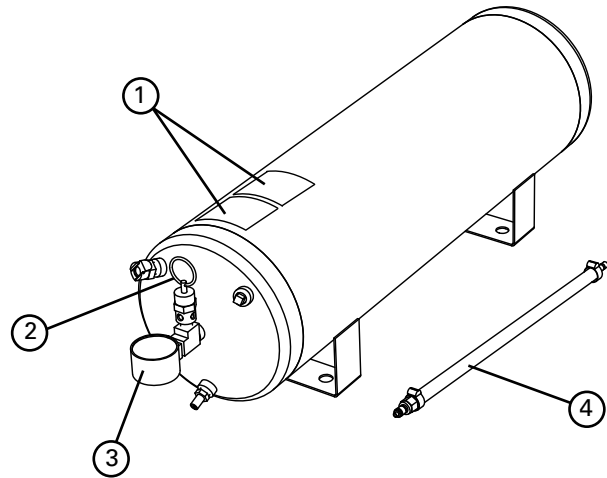
PAT1 (Single)



PAT2 (Dual)

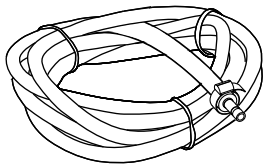
Replacement Parts List

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Tank Label Kit	PATLK	78791	0.1
2	Tank Pop-Off Valve	PATPV	78792	0.5
3	Tank Gauge	PATG	78793	0.5
4	Tank Hose Kit (incl. 1 ea. 10' hose, hose clamp, hose barb, quick connect hose barb)	PATHK	78794	1.5



Product Notes:

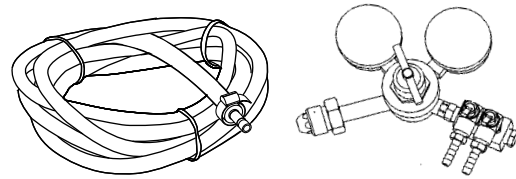
- For use with PAT cleaner assemblies and PAT control box.
- Single for applications with one cleaner, double for applications with two cleaners.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.



Air Line Connection for Site Accessible Air

ORDERING NUMBER	ITEM CODE	WT. LBS.
PAAK*	78798	0.5

* incl. 10' hose, 2 hose clamps, push-in hose barb to connect to PAT Control Box



Nitrogen Tank Connection for Site-provided nitrogen tank

ORDERING NUMBER	ITEM CODE	WT. LBS.
PANK*	78799	5.0

* incl. Nitrogen Regulator, 10' hose, 2 hose clamps, push-in hose barb to connect to PAT Control Box

TuffShear™ Replacement Blades

MMP
Medium Mine-Duty Precleaner



NOTE: TuffShear replacement blades will retrofit to Martin® QC® #1 XHD Cleaners.

Blade Width Selection

BELT WIDTH		BELT WIDTH MINUS 6"	BELT WIDTH MINUS 12"	BELT WIDTH MINUS 18"
in.	mm			
24	600	18"	N/A	N/A
30	750	24"	18"	N/A
36	900	30"	24"	18"
42	1050	36"	30"	24"
48	1200	42"	36"	30"
54	1350	48"	42"	36"
60	1500	54"	48"	42"
72	1800	66"	60"	54"
84	2100	78"	72"	66"
96	2400	90"	84"	78"

Replacement TuffShear™ Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	TRB18	76485	21.0
24	600	TRB24	76486	28.0
30	750	TRB30	76487	35.0
36	900	TRB36	76488	42.0
42	1050	TRB42	76489	49.0
48	1200	TRB48	76490	56.0
54	1350	TRB54	76491	63.0
60	1500	TRB60	76492	70.0
66	1650	TRB66	76493	77.0
72	1800	TRB72	76494	84.0
78	1950	TRB78	76697	91.0
84	2100	TRB84	77047	98.0
90	2250	TRB90	77048	105.0

Other blade sizes available upon request.
Lead time: 1 working day

Product Notes:

- A molded-in wear line indicates when the blade is worn out and needs to be replaced.
- Faceted blade profile: Renews its cleaning edge as the blade wears.
- TuffShear™ blades are made of a special long-wearing urethane.
- Quick blade replacement: Pull one pin, remove the old blade and slide the new one in.

U.S. Patent No. D482,508S

Martin® and QC® #1 are registered trademarks of Martin Engineering, Neponset, IL.

Replacement TuffShear™ High-Temp Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	TRB-HT18	78754	21.0
24	600	TRB-HT24	78755	28.0
30	750	TRB-HT30	78756	35.0
36	900	TRB-HT36	78757	42.0
42	1050	TRB-HT42	78758	49.0
48	1200	TRB-HT48	78759	56.0
54	1350	TRB-HT54	78760	63.0
60	1500	TRB-HT60	78761	70.0
66	1650	TRB-HT66	78762	77.0
72	1800	TRB-HT72	78763	84.0
78	1950	TRB-HT78	78764	91.0

Other blade sizes available upon request.
Lead time: 1 working day

Specifications & Guidelines

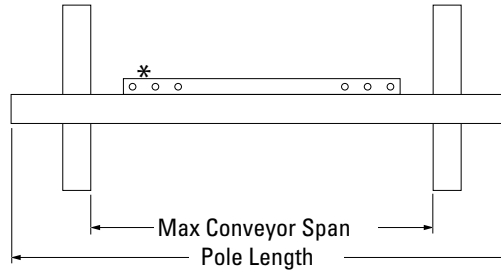
MMP

Medium Mine-Duty Precleaner

Pole Length Specifications*

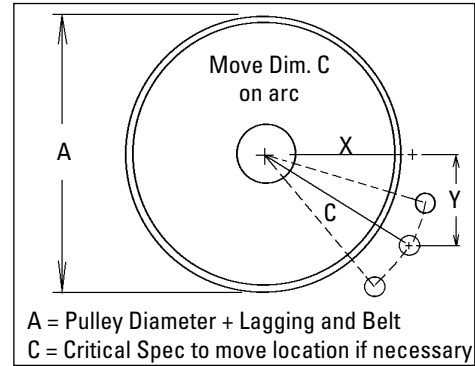
CLEANER SIZE		MAX OVERALL POLE LENGTH		CENTER POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
24	600	78	1950	24	600	66	1650
30	750	84	2100	30	750	72	1800
36	900	90	2250	36	900	78	1950
42	1050	96	2400	42	1050	84	2100
48	1200	102	2550	48	1200	90	2250
54	1350	108	2700	54	1350	96	2400
60	1500	114	2850	60	1500	102	2550
72	1800	126	3150	72	1800	114	2850
84	2100	138	3450	84	2100	126	3150
96	2400	150	3750	96	2400	138	3450

* For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. See Page 93.
Pole Diameter - 2-7/8" (73mm)



*Each pole size can be used with a blade size either belt width minus 6", belt width minus 12", or belt width minus 18".

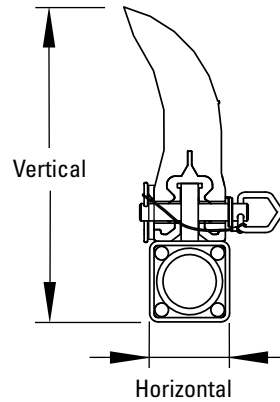
Pole Location Specs



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

Clearance Guidelines for Installation

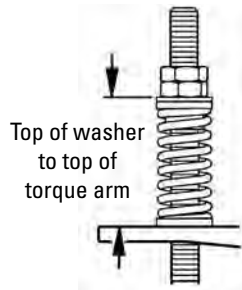
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
4	100	13	325



Spring Length Chart with QMT Spring Tensioner

BLADE WIDTH	PURPLE SPRINGS	WHITE SPRINGS	GOLD SPRINGS
18"	4 5/8"	6"	6 3/8"
24"	4"	5 7/8"	6 1/4"
30"	N/A	5 5/8"	6 1/8"
36"	N/A	5 1/2"	6"
42"	N/A	5 1/4"	5 7/8"
48"	N/A	5 1/8"	5 3/4"
54"	N/A	4 7/8"	5 3/4"
60"	N/A	4 3/4"	5 5/8"
66"	N/A	N/A	5 1/2"
72"	N/A	N/A	5 3/8"
78"	N/A	N/A	5 1/8"

Shading indicates preferred spring option



Pressure Chart

Blade Width	PSI
18"	5#
24"	6#
32"	8#
36"	9#
42"	11#
48"	13#
54"	14#
60"	16#
66"	17#
72"	19#
78"	21#

PSI setting is based on the belt width.

Pole Location Chart

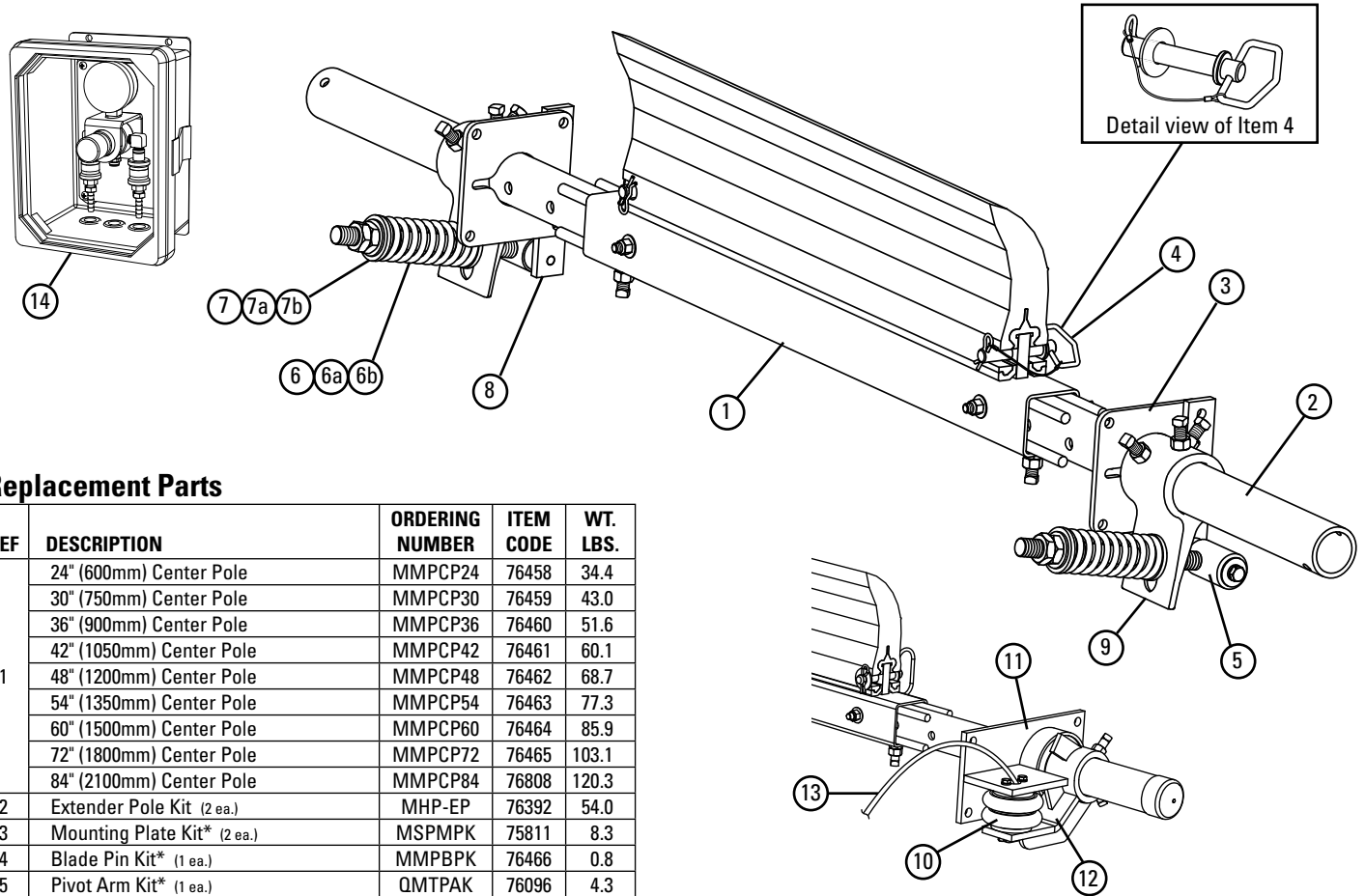
A	X	Y	C
16"	8 1/8"	12"	14 1/2"
17"	8 3/4"	12"	14 7/8"
18"	9 1/4"	12"	15 1/8"
19"	9 3/4"	12"	15 1/2"
20"	10 3/8"	12"	15 7/8"
21"	11"	12"	16 1/4"
22"	11 1/2"	12"	16 5/8"
23"	12"	12"	17"
24"	12 5/8"	12"	17 3/8"
25"	13 1/8"	12"	17 3/4"
26"	13 5/8"	12"	18 1/8"
27"	14 1/8"	12"	18 1/2"
28"	14 5/8"	12"	18 7/8"
29"	15 1/4"	12"	19 3/8"
30"	15 5/8"	12"	19 3/4"
31"	16 1/8"	12"	20 1/8"
32"	16 3/4"	12"	20 5/8"
33"	17 1/4"	12"	21"
34"	17 3/4"	12"	21 3/8"
35"	18 1/4"	12"	21 7/8"
36"	18 3/4"	12"	22 1/4"
37"	19 3/8"	12"	22 3/4"
38"	19 3/4"	12"	23 1/8"
39"	20 3/8"	12"	23 5/8"
40"	20 3/4"	12"	24"
41"	21 3/8"	12"	24 1/2"
42"	21 3/4"	12"	24 7/8"
43"	22 3/8"	12"	25 3/8"
44"	22 3/4"	12"	25 3/4"
45"	23 3/8"	12"	26 1/4"
46"	23 7/8"	12"	26 3/4"
47"	24 3/8"	12"	27 1/8"
48"	24 7/8"	12"	27 5/8"

Specifications:

- Maximum Belt Speed 1000 FPM (5M/sec)
- Temperature Rating (TuffShear) -30°F to 180°F (-35°C to 82°C)
- Temperature Rating (TuffShear High Temp) Up to 275°F (135°C) with spikes to 325°F (164°C)
- Minimum Pulley Diameter 16" (400mm)
- Blade Height 10" (250mm)
- Usable Blade Wear Length 6" (150mm)
- Blade Material..... Urethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths..... 24" to 84" (600 to 2100mm).
Other sizes available upon request.

U.S. Patent No. D482,508S

Replacement Parts List



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) Center Pole	MMPCP24	76458	34.4
	30" (750mm) Center Pole	MMPCP30	76459	43.0
	36" (900mm) Center Pole	MMPCP36	76460	51.6
	42" (1050mm) Center Pole	MMPCP42	76461	60.1
	48" (1200mm) Center Pole	MMPCP48	76462	68.7
	54" (1350mm) Center Pole	MMPCP54	76463	77.3
	60" (1500mm) Center Pole	MMPCP60	76464	85.9
	72" (1800mm) Center Pole	MMPCP72	76465	103.1
	84" (2100mm) Center Pole	MMPCP84	76808	120.3
2	Extender Pole Kit (2 ea.)	MHP-EP	76392	54.0
3	Mounting Plate Kit* (2 ea.)	MSPMPK	75811	8.3
4	Blade Pin Kit* (1 ea.)	MMPBPK	76466	0.8
5	Pivot Arm Kit* (1 ea.)	QMTPAK	76096	4.3
6	Tension Spring - Purple (1 ea.) for blades 24" (600mm)	QMTS-P	75845	0.6
6a	Tension Spring - White (1 ea.) for blades 30" - 48" (750 - 1200mm)	PSTS-W	75898	1.7
6b	Tension Spring - Gold (1 ea.) for blades 54" - 78" (1350 - 1950mm)	QMTS-G	76484	2.5
7	Bushing Kit - Purple (2 ea.)	QMTBK-P	76097	0.1
7a	Bushing Kit - White (2 ea.)	QMTBK-W	76098	0.2
7b	Bushing Kit - Gold (2 ea.)	QMTBK-G	76540	0.3
8	Pivot Shaft Bracket Kit* (1 ea.)	QMTSPBK	76099	4.3
9	Torsion Arm Kit* (1 ea.)	PSTA	75896	11.4
-	QMT Spring Tensioner* - Purple (incl. 1 ea. Items 5, 6, 7, 8, & 9) for blades 18" - 24" (450 - 600mm)	QMT-P	76074	20.4
-	QMT Spring Tensioner* - White (incl. 1 ea. Items 5, 6a, 7a, 8, & 9) for blades 30" - 48" (750 - 1200mm)	QMT-W	76075	21.8
-	QMT Spring Tensioner* - Gold (incl. 1 ea. Items 5, 6b, 7b, 8, & 9) for blades 54" - 78" (1350 - 1950mm)	QMT-G	76483	23.2
10	Air/Water Bag (1 ea.)	AWTB	75905	3.8
11	Mounting Base (1ea.)	AWTMB	75906	22.9
12	Torque Arm* (1 ea.)	AWTA	75907	11.6
13	Hose Kit (50' of hose and 6 hose clamps)	AWTHK	75909	6.7
14	PAT Control Box	PACB	78683	11.0
-	PAT Kit- AWT Tensioner w/ Control Box (includes 2 ea. Items 10,11,12,13 & 1 ea. Item 14)	PAK	78705	86.2
-	AWT Air/Water Tensioner w/o Control Box (includes 2 ea. Items 10,11,12 & 13)	AWTNCB	76069	75.2

*Hardware Included
Lead Time: 1 working day

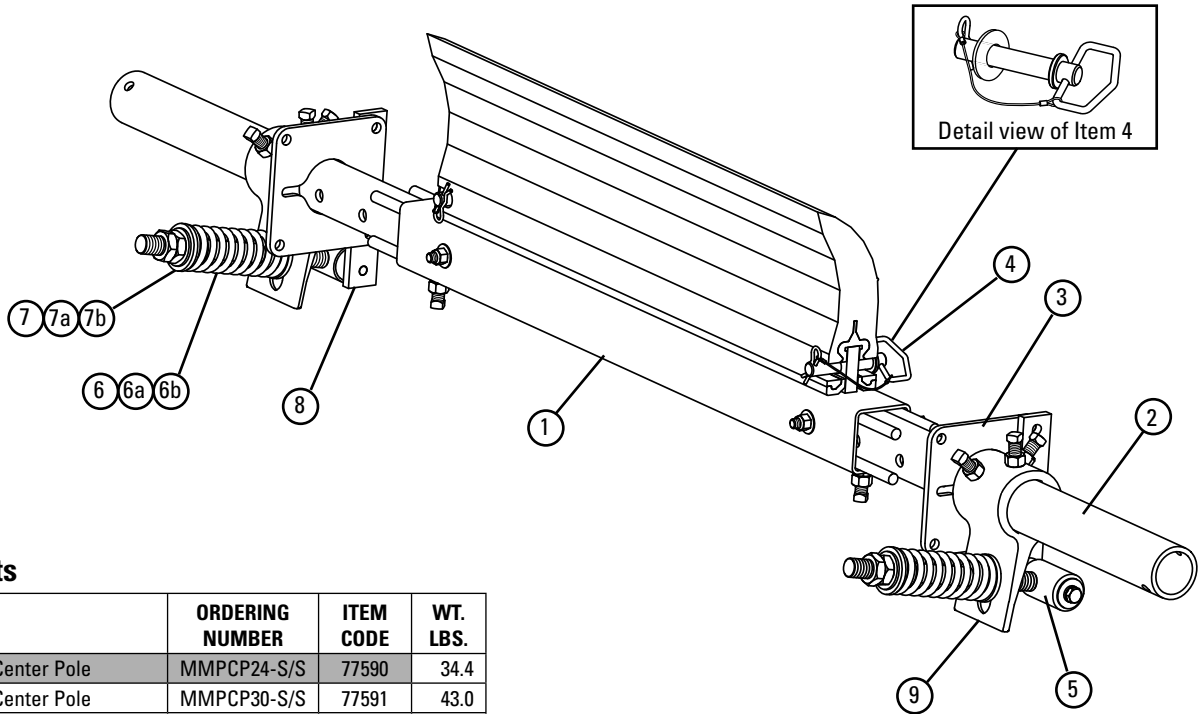
Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	76074 QMT-P	76075 QMT-W	76483 QMT-G
TuffShear 18" - 24" (450 - 600mm)	X		
TuffShear 30" - 48" (750 - 1200mm)		X	
TuffShear 54" - 78" (1350 - 1950mm)			X

U.S. Patent No. D482,508S

Replacement Parts List

Stainless Steel MMP Medium Mine-Duty Precleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) SS Center Pole	MMPCP24-S/S	77590	34.4
	30" (750mm) SS Center Pole	MMPCP30-S/S	77591	43.0
	36" (900mm) SS Center Pole	MMPCP36-S/S	77592	51.6
	42" (1050mm) SS Center Pole	MMPCP42-S/S	77593	60.1
	48" (1200mm) SS Center Pole	MMPCP48-S/S	77594	68.7
	54" (1350mm) SS Center Pole	MMPCP54-S/S	77595	77.3
	60" (1500mm) SS Center Pole	MMPCP60-S/S	77596	85.9
	72" (1800mm) SS Center Pole	MMPCP72-S/S	77597	103.1
	84" (2100mm) SS Center Pole	MMPCP84-S/S	77598	120.3
2	SS Extender Pole Kit (2 ea.)	MHP-EP-S/S	77599	54.0
3	SS Mounting Plate Kit* (2 ea.)	MSPMPK-S/S	77582	8.3
4	SS Blade Pin Kit* (1 ea.)	MMPBPK-S/S	77600	0.8
5	SS Pivot Arm Kit* (1 ea.)	QMTPAK-S/S	77587	4.3
6	SS Tension Spring - Purple (1 ea.) for blades 24" (600mm)	QMTS-P-S/S	77450	0.6
6a	SS Tension Spring - White (1 ea.) for blades 30" - 48" (750 - 1200mm)	QMTS-W-S/S	77451	1.7
6b	SS Tension Spring - Gold (1 ea.) for blades 54" - 78" (1350 - 1950mm)	QMTS-G-S/S	77452	2.5
7	Bushing Kit - Purple (2 ea.)	QMTBK-P	76097	0.1
7a	Bushing Kit - White (2 ea.)	QMTBK-W	76098	0.2
7b	Bushing Kit - Gold (2 ea.)	QMTBK-G	76540	0.3
8	SS Pivot Shaft Bracket Kit* (1 ea.)	QMTPSBK-S/S	77588	4.3
9	SS Torsion Arm Kit* (1 ea.)	PSTA-S/S	77442	11.4
-	SS QMT Spring Tensioner* - Purple (incl. 1 ea. Items 5, 6, 7, 8, & 9) for blades 18" - 24" (450 - 600mm)	QMT-P-S/S	77584	20.4
-	SS QMT Spring Tensioner* - White (incl. 1 ea. Items 5, 6a, 7a, 8, & 9) for blades 30" - 48" (750 - 1200mm)	QMT-W-S/S	77585	21.8
-	SS QMT Spring Tensioner* - Gold (incl. 1 ea. Items 5, 6b, 7b, 8, & 9) for blades 54" - 78" (1350 - 1950mm)	QMT-G-S/S	77586	23.2

*Hardware Included

Lead Time: 1 working day

Shaded items are made to order.
Lead time: 3 weeks

Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	77584 QMT-P-S/S	77585 QMT-W-S/S	77586 QMT-G-S/S
TuffShear 18" - 24" (450 - 600mm)	X		
TuffShear 30" - 48" (750 - 1200mm)		X	
TuffShear 54" - 78" (1350 - 1950mm)			X

U.S. Patent No. D482,508S

Product Ordering Information

MHCP Heavy-Duty Cartridge Precleaner



MHCP HD Cartridge Precleaner with Spring Tensioner (PST)

BELT WIDTH		BLADE COVERAGE		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	MHCP-24S	75929	192.1
30	750	24	600	MHCP-30S	75930	207.2
36	900	30	750	MHCP-36S	75931	222.4
42	1050	36	900	MHCP-42S	75932	237.4
48	1200	42	1050	MHCP-48S	75933	252.5
54	1350	48	1200	MHCP-54S	75934	267.6
60	1500	54	1350	MHCP-60S	75935	282.7
72	1800	66	1650	MHCP-72S	75936	312.8
84	2100	78	1950	MHCP-84S	76800	364.9

Lead time: 1 working day



MHCP HD Cartridge Precleaner with Air/Water Tensioner (AWT)

BELT WIDTH		BLADE COVERAGE		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	MHCP-24A	75937	192.2
30	750	24	600	MHCP-30A	75938	207.3
36	900	30	750	MHCP-36A	75939	222.4
42	1050	36	900	MHCP-42A	75940	237.4
48	1200	42	1050	MHCP-48A	75941	252.5
54	1350	48	1200	MHCP-54A	75942	267.6
60	1500	54	1350	MHCP-60A	75943	282.7
72	1800	66	1650	MHCP-72A	75944	312.8
84	2100	78	1950	MHCP-84A	76801	364.9

Lead time: 1 working day



MHCP HD Cartridge Precleaner with Nitrogen Tensioner (NT)

BELT WIDTH		BLADE COVERAGE		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	MHCP-24N	76384	190.4
30	750	24	600	MHCP-30N	76385	205.5
36	900	30	750	MHCP-36N	76386	220.6
42	1050	36	900	MHCP-42N	76387	235.6
48	1200	42	1050	MHCP-48N	76388	250.7
54	1350	48	1200	MHCP-54N	76389	265.8
60	1500	54	1350	MHCP-60N	76390	280.9
72	1800	66	1650	MHCP-72N	76391	311.0

Lead time: 1 working day



MHCP HD Cartridge Precleaner with Portable Air Tensioner (PAT)

BELT WIDTH		BLADE COVERAGE		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	MHCP-24P	78723	192.2
30	750	24	600	MHCP-30P	78724	207.3
36	900	30	750	MHCP-36P	78725	222.4
42	1050	36	900	MHCP-42P	78726	237.4
48	1200	42	1050	MHCP-48P	78727	252.5
54	1350	48	1200	MHCP-54P	78728	267.6
60	1500	54	1350	MHCP-60P	78729	282.7
72	1800	66	1650	MHCP-72P	78730	312.8
84	2100	78	1950	MHCP-84P	78731	364.9

Lead time: 1 working day

Product Notes:

- Heavy-duty design with massive SuperShear™ blades for constant cleaning power on abusive beltlines.
- Blade width equals belt width minus 6". Can be adjusted to belt's material path.
- Pole Length: Belt width plus 58". For longer requirements see Installation Accessories - Pole Extender Kit (Page 93).
- Tensioner Options: 1) PST Spring Tensioner for self-adjusting tensioning with easy retensioning adjustments; 2) AWT Air/Water Tensioner for automatic tensioning throughout the life of the blades; 3) NT Nitrogen Tensioner for automatic tensioning with a nitrogen tank; 4) Portable Air Tensioner used for constant, automatic tension throughout the life of the blades. Can be used with site available air lines or with the add-on air tank.
- To make cleaner installation easier and quicker, see Optional Mounting Kits on Page 93.

Product Ordering Information

Line Connections for Portable Air Tensioner

Air Tanks

ORDERING NUMBER	ITEM CODE	WT. LBS.
PAT1	78684	13.0
PAT2	78685	13.0



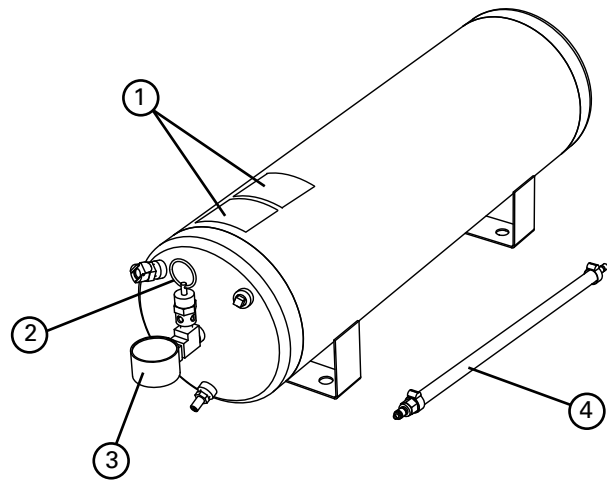
PAT1 (Single)



PAT2 (Dual)

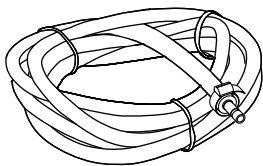
Replacement Parts List

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Tank Label Kit	PATLK	78791	0.1
2	Tank Pop-Off Valve	PATPV	78792	0.5
3	Tank Gauge	PATG	78793	0.5
4	Tank Hose Kit (incl. 1 ea. 10' hose, hose clamp, hose barb, quick connect hose barb)	PATHK	78794	1.5



Product Notes:

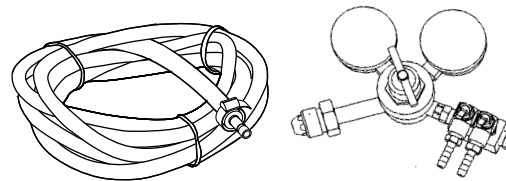
- For use with PAT cleaner assemblies and PAT control box.
- Single for applications with one cleaner, double for applications with two cleaners.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.



Air Line Connection for Site Accessible Air

ORDERING NUMBER	ITEM CODE	WT. LBS.
PAAK*	78798	0.5

* incl. 10' hose, 2 hose clamps, push-in hose barb to connect to PAT Control Box



Nitrogen Tank Connection for Site-provided nitrogen tank

ORDERING NUMBER	ITEM CODE	WT. LBS.
PANK*	78799	5.0

* incl. Nitrogen Regulator, 10' hose, 2 hose clamps, push-in hose barb to connect to PAT Control Box

Optional Assemblies, Tensioners & Kits

MHCP Heavy-Duty Cartridge Precleaner

Blade/Pole Assemblies

(Includes blades, cartridge, center pole and 2 extender poles)

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHCP-BPA24	75945	106.0
30	750	MHCP-BPA30	75946	121.1
36	900	MHCP-BPA36	75947	136.2
42	1050	MHCP-BPA42	75948	151.2
48	1200	MHCP-BPA48	75949	166.3
54	1350	MHCP-BPA54	75950	181.4
60	1500	MHCP-BPA60	75951	196.5
72	1800	MHCP-BPA72	75952	226.6
84	2100	MHCP-BPA84	76809	264.4

Lead time: 1 working day



Tensioners

(Includes tensioners for both pole ends)

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
PST Spring Tensioner - White for belts 24" - 48" (600-1200mm)	PST-W	75893	86.1
PST Spring Tensioner - Silver for belts 54" - 84" (1350-2100mm)	PST-S	75894	86.2
AWT Air/Water Tensioner	AWT	75904	86.2
NT Nitrogen Tensioner	NT	76395	80.2
PAT Kit- AWT Tensioner w/ Control Box	PAK	78705	86.2

Lead time: 1 working day



PST Spring Tensioner



PAT Air Tensioner and Control Box



AWT Air/Water Tensioner and Control Box



NT Nitrogen Tensioner and Regulator

Blade Cartridge Kits

(Includes blades, cartridge, and mounting bolts)

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHCP-BCK24	75953	33.0
30	750	MHCP-BCK30	75954	44.0
36	900	MHCP-BCK36	75955	55.0
42	1050	MHCP-BCK42	75956	66.0
48	1200	MHCP-BCK48	75957	77.0
54	1350	MHCP-BCK54	75958	88.0
60	1500	MHCP-BCK60	75959	99.0
72	1800	MHCP-BCK72	75960	121.0
84	2100	MHCP-BCK84	76810	141.2

NOTE: For easy blade changeout, remove cartridge with worn blades and replace with new blade cartridge kit. New blades can then be installed in the old cartridge for the next changeout.

Lead time: 1 working day

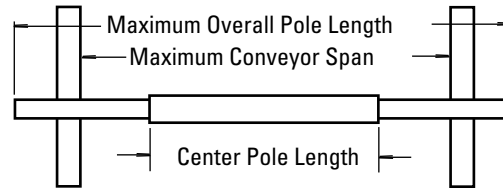


Specifications & Guidelines

Telescoping Pole Length Specifications

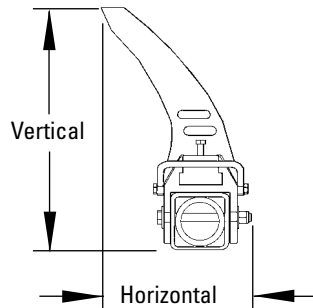
CLEANER SIZE		MAX OVERALL POLE LENGTH		CENTER POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
24	600	82	2050	28	700	66	1650
30	750	88	2200	34	850	72	1800
36	900	94	2350	40	1000	78	1950
42	1050	100	2500	46	1150	84	2100
48	1200	106	2650	52	1300	90	2250
54	1350	112	2800	58	1450	96	2400
60	1500	118	2950	64	1600	102	2550
72	1800	130	3250	76	1900	114	2850
84	2100	142	3550	88	2200	126	3150

Pole Diameter - 2-7/8" (73mm)

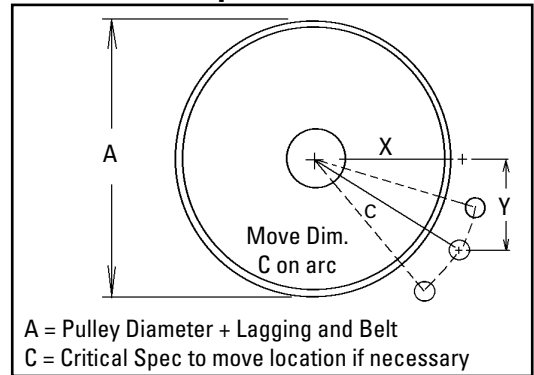


Clearance Guidelines for Installation

HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
7	175	19	475



Pole Location Specs

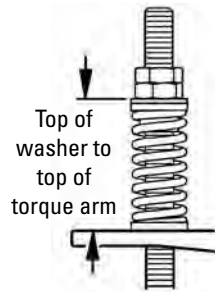


Spring Length Chart with PST Spring Tensioner

BLADE WIDTH	NO. OF BLADES	WHITE SPRINGS	SILVER SPRINGS
18"	3	5 3/4"	6 3/8"
24"	4	5 3/8"	6 1/4"
30"	5	5 1/8"	6 1/8"
36"	6	4 3/4"	6 1/8"
42"	7	4 1/2"	6"
48"	8	N/A	5 7/8"
54"	9	N/A	5 3/4"
60"	10	N/A	5 3/4"
66"	11	N/A	5 5/8"
78"	12	N/A	5 1/2"

Spring tension is based on the number of blades on the cleaner, not the belt width.

Shading indicates preferred spring option



Air/Water or Nitrogen Pressure Chart

BLADE WIDTH	BLADES	PSI
18"	3	8#
24"	4	10#
30"	5	13#
36"	6	15#
42"	7	18#
48"	8	20#
54"	9	23#
60"	10	25#
66"	11	28#
78"	12	31#

PSI setting is based on the number of blades on the cleaner, not the belt width.

Pole Location Chart

A	X	Y	C
20"	10"	14 3/8"	17 1/2"
21"	10 1/2"	14 3/8"	17 3/4"
22"	11"	14 3/8"	18 1/8"
23"	11 1/2"	14 3/8"	18 3/8"
24"	12"	14 3/8"	18 3/4"
25"	12 1/2"	14 3/8"	19"
26"	13"	14 3/8"	19 3/8"
27"	13 1/2"	14 3/8"	19 3/4"
28"	14"	14 3/8"	20 1/8"
29"	14 1/2"	14 3/8"	20 3/8"
30"	15"	14 3/8"	20 3/4"
31"	15 1/2"	14 3/8"	21 1/8"
32"	16"	14 3/8"	21 1/2"
33"	16 1/2"	14 3/8"	21 7/8"
34"	17"	14 3/8"	22 1/4"
35"	17 1/2"	14 3/8"	22 5/8"
36"	18"	14 3/8"	23"
37"	18 1/2"	14 3/8"	23 3/8"
38"	19"	14 3/8"	23 7/8"
39"	19 1/2"	14 3/8"	24 1/4"
40"	20"	14 3/8"	24 5/8"
41"	20 1/2"	14 3/8"	25"
42"	21"	14 3/8"	25 1/2"
43"	21 1/2"	14 3/8"	25 7/8"
44"	22"	14 3/8"	26 1/4"
45"	22 1/2"	14 3/8"	26 3/4"
46"	23"	14 3/8"	27 1/8"
47"	23 1/2"	14 3/8"	27 1/2"
48"	24"	14 3/8"	28"

Specifications:

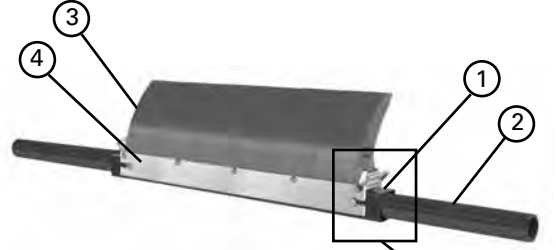
- Maximum Belt Speed 1200 FPM (6M/sec)
- Temperature Rating -30°F to 180°F (-35°C to 82°C)
- Minimum Pulley Diameter 20" (500mm)
- Blade Height 14" (350mm)
- Usable Blade Wear Length 8" (200mm)
- Blades Urethane (proprietary blend for abrasion resistance and long wear).
- Available for Belt Widths 24" to 84" (600 to 2100mm).
Other sizes available upon request.

Replacement Parts List

MHCP Heavy-Duty Cartridge Precleaner

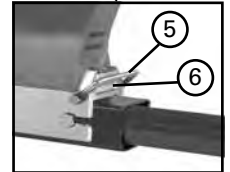
Replacement Parts List

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) Center Pole *	MHP-CP24	75961	19.0
	30" (750mm) Center Pole *	MHP-CP30	75962	23.1
	36" (900mm) Center Pole *	MHP-CP36	75963	27.2
	42" (1050mm) Center Pole *	MHP-CP42	75964	31.2
	48" (1200mm) Center Pole *	MHP-CP48	75965	35.3
	54" (1350mm) Center Pole *	MHP-CP54	75966	39.4
	60" (1500mm) Center Pole *	MHP-CP60	75967	43.5
	72" (1800mm) Center Pole *	MHP-CP72	75968	51.6
	84" (2100mm) Center Pole *	MHP-CP84	76811	60.2
2	MHCP Extender Poles (2 ea.)	MHP-EP	76392	54.0
3	SuperShear™ Blade	SSRB	75978	6.6
4	24" (600mm) 2-Piece Blade Cartridge *	MHCP-2BC24	76638	13.2
	30" (750mm) 2-Piece Blade Cartridge *	MHCP-2BC30	76639	17.6
	36" (900mm) 2-Piece Blade Cartridge *	MHCP-2BC36	76640	22.0
	42" (1050mm) 2-Piece Blade Cartridge *	MHCP-2BC42	76641	26.4
	48" (1200mm) 2-Piece Blade Cartridge *	MHCP-2BC48	76642	30.8
	54" (1350mm) 2-Piece Blade Cartridge *	MHCP-2BC54	76643	35.2
	60" (1500mm) 2-Piece Blade Cartridge *	MHCP-2BC60	76644	39.6
	72" (1800mm) 2-Piece Blade Cartridge *	MHCP-2BC72	76645	48.4
	84" (2100mm) 2-Piece Blade Cartridge *	MHCP-2BC84	76812	56.5
5	MHCP Cartridge Handle *	MHCP-CH	76393	0.4
6	MHCP Cartridge Blade Stop *	MHCP-BS	76394	0.4



Blades Required per Belt Width

BELT WIDTH		BLADES REQUIRED
in.	mm	
24	600	3
30	750	4
36	900	5
42	1050	6
48	1200	7
54	1350	8
60	1500	9
72	1800	11
84	2100	13



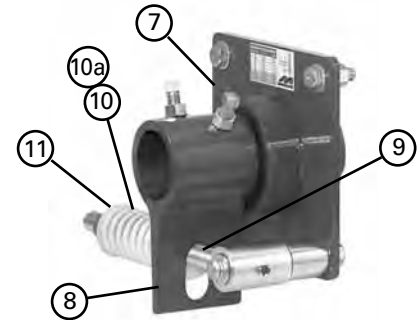
*Hardware Included Lead time: 1 working day

PST Spring Tensioner Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
7	Mounting Plate Kit * (2 ea.)	MHPMPK	77727	44.4
8	Torque Arm * (1 ea.)	PSTA	75896	11.4
9	Torque Pivot Kit (1 ea.) (no spring)	PTPK	75897	7.0
10	Tension Spring - White (1 ea.) for belts 24" - 48" (600-1200mm)	PSTS-W	75898	1.7
10a	Tension Spring - Silver (1 ea.) for belts 54" - 84" (1350-2100mm)	PSTS-S	75899	3.0
11	Bushing Kit (2 ea.) (for White & Silver Tensioners)	QMTBK-W	76098	0.2
-	PST Spring Tensioner* - White (includes 2 each items 7, 8, 9, 10 & 11) for belts 24" - 48" (600-1200mm)	PST-W	75893	86.1
-	PST Spring Tensioner* - Silver (includes 2 each items 7, 8, 9, 10a & 11) for belts 54" - 84" (1350-2100mm)	PST-S	75894	86.2

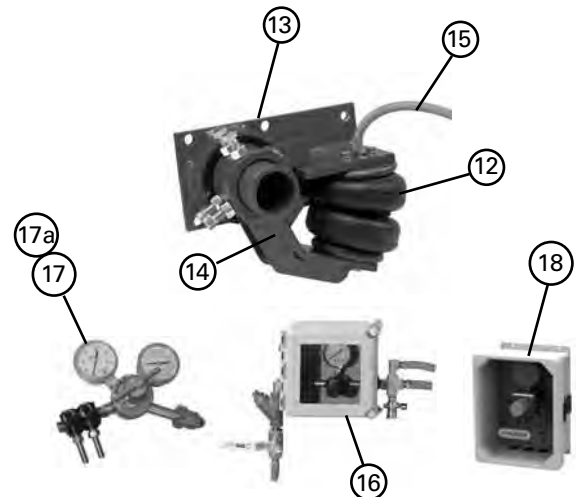
*Hardware Included Lead time: 1 working day

Blades and cartridges can be purchased separately (see chart at left) or preassembled as a Blade Cartridge Kit (see Page 39).



Air/Water & Nitrogen Tensioner Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
12	Air/Water Bag (1 ea.)	AWTB	75905	3.8
13	Mounting Base (1 ea.)	AWTMB	75906	22.9
14	Torque Arm * (1 ea.)	AWTA	75907	11.6
15	Hose Kit (50' of hose and 6 hose clamps)	AWTHK	75909	6.7
16	Control Box (Complete)	AWTCB	75908	4.3
-	AWT Air/Water Tensioner (includes 2 each items 12, 13, & 14 and 1 each items 15 & 16)	AWT	75904	86.2
-	AWT Air/Water Tensioner w/o Control Box (includes 2 each items 12, 13, 14 & 1 each item 15)	AWTNCB	76069	75.2
-	AWT Air/Water Tensioner w/o Control Box, 1 side (includes 1 each items 12, 13, 14 & 15)	AWT-1S	76375	37.6
17	Nitrogen Regulator	NR	76397	5.0
17a	Nitrogen Regulator, 1 side (1 outlet port)	NR-1S	76398	4.7
-	NT Nitrogen Tensioner (includes 2 each items 12, 13, 14 & 1 each items 15 & 17)	NT	76395	80.2
-	NT Nitrogen Tensioner, 1 side (includes 1 each items 12, 13, 14, 15 & 17a)	NT-1S	76396	40.1
*Hardware Included Lead time: 1 working day				



Product Ordering Information

H-Type with XF2-Tips Segmented Blade Precleaner

H-Type® with XF2-Tips

BELT WIDTH		XF2-TIP SIZE	ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm				
18	450	SS	HXF2-18SS	76138	32.0
18	450	S	HXF2-18S	76289	97.1
18	450	M	HXF2-18M	76290	97.9
24	600	SS	HXF2-24SS	76139	110.0
24	600	S	HXF2-24S	76291	111.2
24	600	M	HXF2-24M	76292	112.4
30	750	SS	HXF2-30SS	76140	113.8
30	750	S	HXF2-30S	76293	115.0
30	750	M	HXF2-30M	76294	116.2
36	900	SS	HXF2-36SS	76141	126.2
36	900	S	HXF2-36S	76295	127.8
36	900	M	HXF2-36M	76296	129.4
36	900	L	HXF2-36L	76297	130.6
42	1050	SS	HXF2-42SS	76142	138.6
42	1050	S	HXF2-42S	76298	140.6
42	1050	M	HXF2-42M	76299	142.6
42	1050	L	HXF2-42L	76300	144.1
48	1200	SS	HXF2-48SS	76143	142.4
48	1200	S	HXF2-48S	76301	144.4
48	1200	M	HXF2-48M	76302	146.4
48	1200	L	HXF2-48L	76303	147.9
54	1350	SS	HXF2-54SS	76144	154.8
54	1350	S	HXF2-54S	76304	157.2
54	1350	M	HXF2-54M	76305	161.7
54	1350	L	HXF2-54L	76306	163.5
60	1500	S	HXF2-60S	76145	196.2
60	1500	M	HXF2-60M	76307	199.0
60	1500	L	HXF2-60L	76308	201.1
72	1800	S	HXF2-72S	76146	216.8
72	1800	M	HXF2-72M	76309	220.0
72	1800	L	HXF2-72L	76310	222.4

*NOTE: XF2-Tips must be used on mechanically spliced belts. Can be used on vulcanized belts.
XF2-Tip size is determined by head pulley diameter - see chart.
Additional sizes available upon request.
To order a cleaner with XF-Tips, call Customer Service.
Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
XF2-Tips Required	2	3	3	4	5	5	6	7	8



H-Type Precleaner with XF2-Tips

- All sizes are now heavy-duty style.
- New, stronger 2 7/8" (72mm) diameter pole.
- New, self-contained spring tensioner.

Replacement XF2-Tips

SIZE	ORDERING NUMBER	ITEM CODE	WT. LBS.
SS	HXF2-SS	75979	3.0
S	HXF2-S	75980	3.4
M	HXF2-M	75981	3.8
L	HXF2-L	75982	4.1

Specially formulated, long-wearing urethane blade tip. Impact-resistant, reinforced nylon base for rigidity and minimal deflection.

Lead time: 1 working day



Replacement XF-Tips

SIZE	ORDERING NUMBER	ITEM CODE	WT. LBS.
SS	HXF8SS	74307	3.4
S	HXF8S	74689	3.8
M	HXF8M	74690	4.1
L	HXF8L	74691	4.5

Lead time: 1 working day



XF2-Tip & XF-Tip Size

HEAD PULLEY DIAMETER + BELT & LAGGING		XF2-TIP & XF-TIP SIZE
in.	mm	
10 - 19	250-475	SS
20 - 31	500-775	S
32 - 39	800-975	M
40 - 47	1000-1175	L

U.S. Patent No. 6,926,133

Specifications & Guidelines

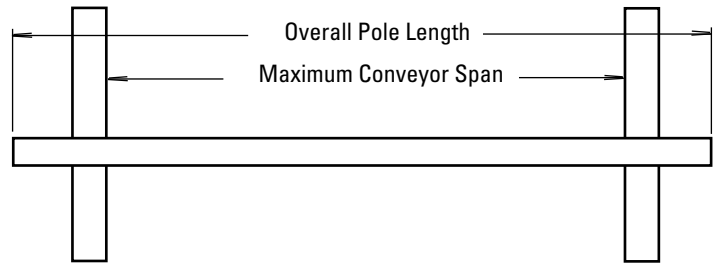
H-Type with XF2-Tips Segmented Blade Precleaner

Pole Length Specifications*

CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
18	450	66	1650	56	1400
24	600	72	1800	62	1550
30	750	78	1950	68	1700
36	900	84	2100	74	1850
42	1050	90	2250	80	2000
48	1200	96	2400	86	2150
54	1350	102	2550	92	2300
60	1500	108	2700	98	2450
72	1800	120	3000	110	2750

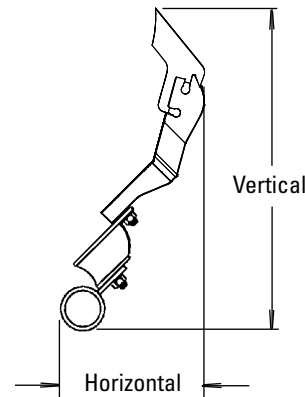
*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. See Page 93.

Pole Diameter - 2-7/8" (73mm)



Clearance Guidelines for Installation

SUSPENSION ARM SIZE	HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	in.	mm	in.	mm
SS	7	175	13	325
S	7	175	15	375
M	7	175	16 1/2	413
L	7	175	18 1/2	463
LL	7	175	22	550

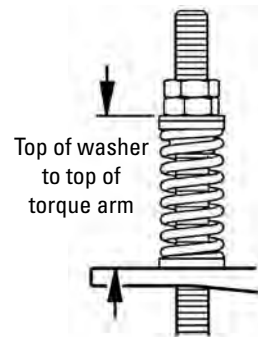


Spring Length Chart

with QMT Spring Tensioner

BELT WIDTH	TIPS	SPRING LENGTH			
		SS	S	M	L
18"	2	4 1/2"	4"	5 3/4"	N/A
24"	3	5 5/8"	5 1/2"	5 3/8"	N/A
30"	3	5 5/8"	5 1/2"	5 3/8"	N/A
36"	4	5 3/8"	5 1/8"	5"	4 1/4"
42"	5	5"	4 3/4"	6"	6"
48"	5	5"	4 3/4"	6"	6"
54"	6	4 3/4"	6"	5 7/8"	5 7/8"
60"	7	N/A	5 7/8"	5 3/4"	5 3/4"
72"	8	N/A	5 3/4"	5 5/8"	5 5/8"

Purple Spring
 Silver Spring
 White Spring



Specifications:

- Maximum Belt Speed 1000 FPM (5M/sec)
- Temperature Rating -30°F to 180°F (-35°C to 82°C)
- Usable Blade Wear Length 3" (75mm)
- Blade Material Urethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths 18" to 72" (450mm to 1800mm).
Other sizes available upon request.

U.S. Patent No. 6,926,133

Product Ordering Information

H-Type with V-Tips Segmented Blade Precleaner

H-Type® with V-Tips*

BELT WIDTH		SUSPENSION ARM SIZE	ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm				
18	450	SS	HV-18SS	76101	96.3
18	450	S	HV-18S	76190	97.1
18	450	M	HV-18M	76191	98.1
24	600	SS	HV-24SS	76102	108.6
24	600	S	HV-24S	76192	09.8
24	600	M	HV-24M	76193	11.3
30	750	SS	HV-30SS	76103	12.4
30	750	S	HV-30S	76194	13.6
30	750	M	HV-30M	76195	115.1
36	900	SS	HV-36SS	76104	124.8
36	900	S	HV-36S	76196	127.8
36	900	M	HV-36M	76197	129.8
36	900	L	HV-36L	76198	131.4
42	1050	SS	HV-42SS	76105	138.6
42	1050	S	HV-42S	76199	140.6
42	1050	M	HV-42M	76251	143.1
42	1050	L	HV-42L	76252	145.1
42	1050	LL	HV-42LL	76253	147.6
48	1200	SS	HV-48SS	76106	42.4
48	1200	S	HV-48S	76254	144.4
48	1200	M	HV-48M	76255	46.9
48	1200	L	HV-48L	76256	48.9
48	1200	LL	HV-48LL	76257	51.4
54	1350	S	HV-54S	76107	157.2
54	1350	M	HV-54M	76258	160.2
54	1350	L	HV-54L	76259	162.6
54	1350	LL	HV-54LL	76260	165.6
60	1500	S	HV-60S	76108	194.1
60	1500	M	HV-60M	76261	97.6
60	1500	L	HV-60L	76262	00.4
60	1500	LL	HV-60LL	76263	06.0
72	1800	S	HV-72S	76109	14.7
72	1800	M	HV-72M	76264	18.7
72	1800	L	HV-72L	76265	24.0
72	1800	LL	HV-72LL	76266	28.0

*NOTE: V-Tips can be used ONLY on vulcanized belts.
Suspension arm size is determined by head pulley diameter - see chart.
Additional sizes available upon request.
Lead time: 1 working day



H-Type Precleaner with V-Tips

- All sizes are now heavy-duty style.
- New, stronger 2 7/8" (72mm) diameter pole.
- New, self-contained spring tensioner.

Replacement V-Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
HVT8	73042	1.0

Lead time: 1 working day

Replacement Suspension Arms

SIZE	ORDERING NUMBER	ITEM CODE	WT. LBS.
SS	HSA8SS	73047	2.0
S	HSA8S	73048	2.4
M	HSA8M	73049	2.9
L	HSA8L	73063	3.3
LL	HSA8LL	73064	3.8

Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
V-Tips Required	2	3	3	4	5	5	6	7	8

Suspension Arm Size

HEAD PULLEY DIAMETER + BELT & LAGGING		SUSPENSION ARM SIZE
in.	mm	
10 - 19	250-475	SS
20 - 31	500-775	S
32 - 39	800-975	M
40 - 47	1000-1175	L
48 - 67	1200-1675	LL

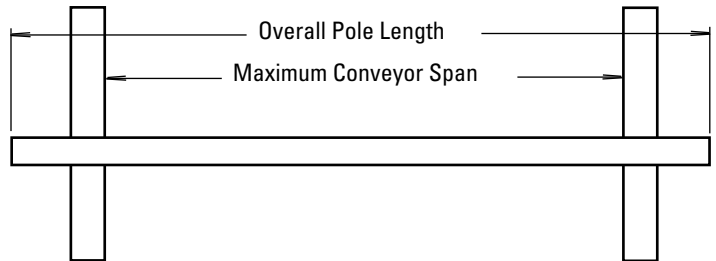
Specifications & Guidelines

H-Type with V-Tips Segmented Blade Precleaner

Pole Length Specifications*

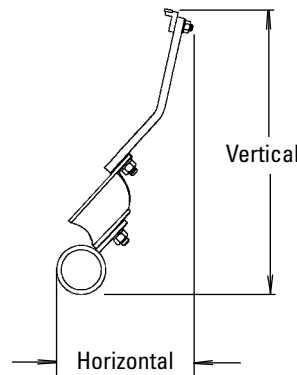
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
18	450	66	1650	56	1400
24	600	72	1800	62	1550
30	750	78	1950	68	1700
36	900	84	2100	74	1850
42	1050	90	2250	80	2000
48	1200	96	2400	86	2150
54	1350	102	2550	92	2300
60	1500	108	2700	98	2450
72	1800	120	3000	110	2750

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. See Page 93.
Pole Diameter - 2-7/8" (73mm)



Clearance Guidelines for Installation

SUSPENSION ARM SIZE	HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	in.	mm	in.	mm
SS	7	175	13	325
S	7	175	15	375
M	7	175	16 1/2	413
L	7	175	18 1/2	463
LL	7	175	22	550

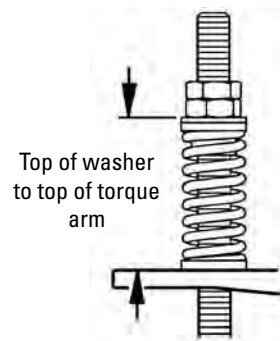


Spring Length Chart

with QMT Spring Tensioner

BELT WIDTH	TIPS	SPRING LENGTH				
		SS	S	M	L	LL
18"	2	5 1/4"	4 7/8"	4 3/4"	4 1/2"	N/A
24"	3	4 1/2"	4 1/8"	5 3/4"	5 3/4"	N/A
30"	3	4 1/2"	4 1/8"	5 3/4"	5 3/4"	N/A
36"	4	5 3/4"	5 5/8"	5 1/2"	5 3/8"	N/A
42"	5	5 5/8"	5 3/8"	5 1/4"	5 1/8"	4 3/4"
48"	5	5 5/8"	5 3/8"	5 1/4"	5 1/8"	4 3/4"
54"	6	N/A	5 1/8"	5	4 7/8"	6"
60"	7	N/A	4 7/8"	6 1/8"	6"	5 7/8"
72"	8	N/A	6"	6"	5 7/8"	5 3/4"

Purple Spring
 Silver Spring
 White Spring



Specifications:

- Maximum Belt Speed 1000 FPM (5M/sec)
- Temperature Rating -30°F to 180°F (-35°C to 82°C)
- Usable Blade Wear Length 3/8" (9mm)
- Blade Material Long Life Tungsten Carbide (for vulcanized belts only)
- Available for Belt Widths 18" to 72" (450mm to 1800mm)
Other sizes available upon request.

Product Ordering Information

H-Type with Protected V-Tips Segmented Blade Precleaner

H-Type® with Protected V-Tips*

For abusive applications where materials being cleaned off the belt wear the back sides of the cleaner's V-Tips.

BELT WIDTH		SUSPENSION ARM SIZE	ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm				
18	450	S	HVP-18S	76124	99.1
18	450	M	HVP-18M	76267	100.1
18	450	L	HVP-18L	76268	100.9
24	600	S	HVP-24S	76125	112.8
24	600	M	HVP-24M	76269	114.3
24	600	L	HVP-24L	76270	115.5
30	750	S	HVP-30S	76126	116.6
30	750	M	HVP-30M	76271	118.1
30	750	L	HVP-30L	76272	119.3
36	900	S	HVP-36S	76127	130.4
36	900	M	HVP-36M	76273	133.8
36	900	L	HVP-36L	76274	135.4
42	1050	S	HVP-42S	76128	145.6
42	1050	M	HVP-42M	76275	148.1
42	1050	L	HVP-42L	76276	150.1
48	1200	S	HVP-48S	76129	149.4
48	1200	M	HVP-48M	76277	151.9
48	1200	L	HVP-48L	76278	153.9
48	1200	LL	HVP-48LL	76279	156.4
54	1350	S	HVP-54S	76130	163.2
54	1350	M	HVP-54M	76280	166.2
54	1350	L	HVP-54L	76281	168.6
54	1350	LL	HVP-54LL	76282	171.6
60	1500	S	HVP-60S	76131	201.1
60	1500	M	HVP-60M	76283	204.6
60	1500	L	HVP-60L	76284	207.4
60	1500	LL	HVP-60LL	76285	213.0
72	1800	S	HVP-72S	76132	222.7
72	1800	M	HVP-72M	76286	226.7
72	1800	L	HVP-72L	76287	232.0
72	1800	LL	HVP-72LL	76288	236.0

*NOTE: Protected V-Tips can be used ONLY on vulcanized belts.
Suspension arm size is determined by head pulley diameter - see chart.
Cleaners come standard with Stainless Steel Tip Shields.
Additional sizes available upon request.
Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
Protected V-Tips Required	2	3	3	4	5	5	6	7	8



H-Type Precleaner with HVP-Tips

- All sizes are now heavy-duty style.
- New, stronger 2 7/8" (72mm) diameter pole.
- New, self-contained spring tensioner.

Replacement Protected V-Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.	
	HVPT	73631	2.7

Lead time: 1 working day

Replacement Suspension Arms

SIZE	ORDERING NUMBER	ITEM CODE	WT. LBS.
SS	HSA8SS	73047	2.0
S	HSA8S	73048	2.4
M	HSA8M	73049	2.9
L	HSA8L	73063	3.3
LL	HSA8LL	73064	3.8

Lead time: 1 working day

Suspension Arm Size

HEAD PULLEY DIAMETER + BELT & LAGGING		SUSPENSION ARM SIZE
in.	mm	
10 - 19	250-475	SS
20 - 31	500-775	S
32 - 39	800-975	M
40 - 47	1000-1175	L
48 - 67	1200-1675	LL

Specifications & Guidelines

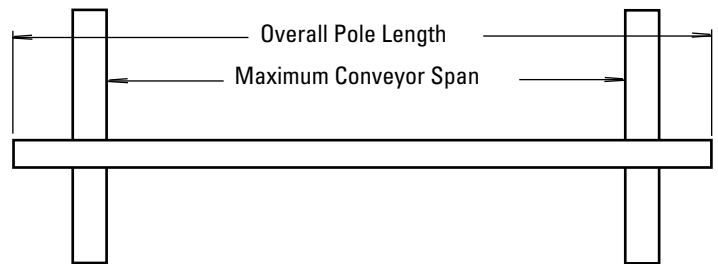
H-Type with Protected V-Tips Segmented Blade Precleaner

Pole Length Specifications*

CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
18	450	66	1650	56	1400
24	600	72	1800	62	1550
30	750	78	1950	68	1700
36	900	84	2100	74	1850
42	1050	90	2250	80	2000
48	1200	96	2400	86	2150
54	1350	102	2550	92	2300
60	1500	108	2700	98	2450
72	1800	120	3000	110	2750

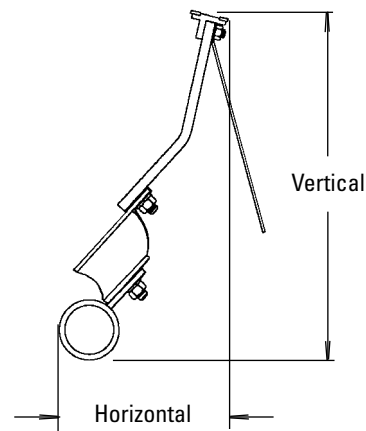
*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. See Page 93.

Pole Diameter - 2-7/8" (73mm)



Clearance Guidelines For Installation

SUSPENSION ARM SIZE	HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	in.	mm	in.	mm
SS	7	175	13	325
S	7	175	15	375
M	7	175	16 1/2	413
L	7	175	18 1/2	463
LL	7	175	22	550

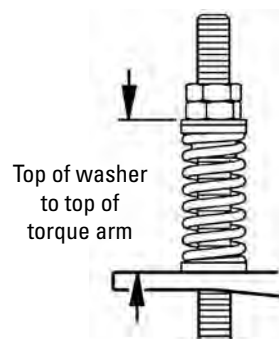


Spring Length Chart

with QMT Spring Tensioner

BELT WIDTH	TIPS	SPRING LENGTH				
		SS	S	M	L	LL
18"	2	5 1/4"	4 7/8"	4 3/4"	4 1/2"	N/A
24"	3	4 1/2"	4 1/8"	5 3/4"	5 3/4"	N/A
30"	3	4 1/2"	4 1/8"	5 3/4"	5 3/4"	N/A
36"	4	5 3/4"	5 5/8"	5 1/2"	5 3/8"	N/A
42"	5	5 5/8"	5 3/8"	5 1/4"	5 1/8"	4 3/4"
48"	5	5 5/8"	5 3/8"	5 1/4"	5 1/8"	4 3/4"
54"	6	N/A	5 1/8"	5	4 7/8"	6"
60"	7	N/A	4 7/8"	6 1/8"	6"	5 7/8"
72"	8	N/A	6"	6"	5 7/8"	5 3/4"

Purple Spring
 Silver Spring
 White Spring

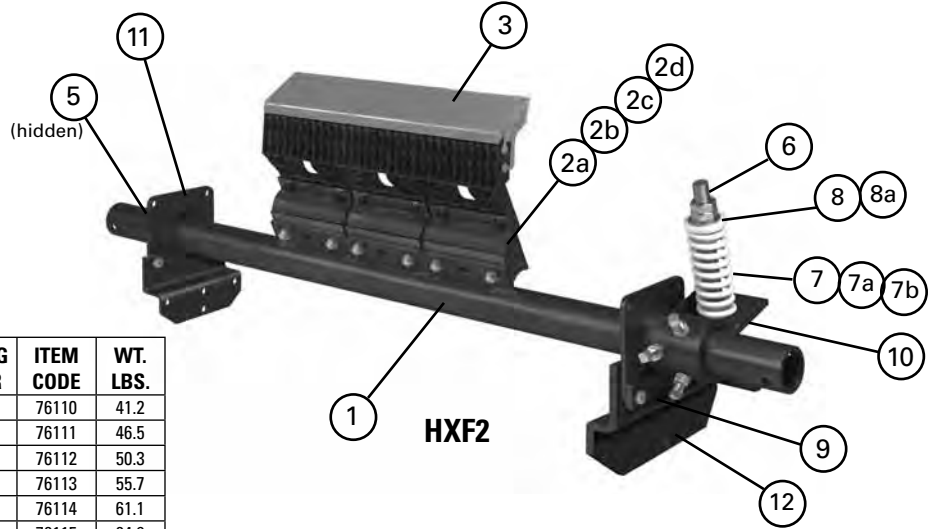


Specifications:

- Maximum Belt Speed 1000 FPM (5M/sec)
- Temperature Rating -30°F to 180°F (-35°C to 82°C)
- Usable Blade Wear Length 3/8" (9mm)
- Blade Material Long Life Tungsten Carbide (for vulcanized belts only)
- Available for Belt Widths 18" to 72" (450mm to 1800mm).
Other sizes available upon request.

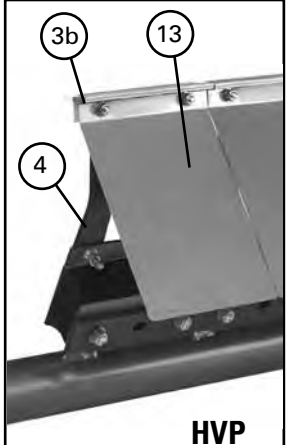
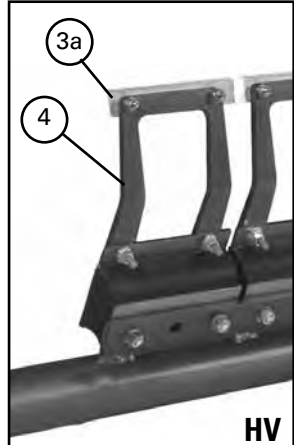
Replacement Parts List

H-Type Segmented Blade Precleaners



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	H78P18	76110	41.2
	24" (600mm) Pole	H78P24	76111	46.5
	30" (750mm) Pole	H78P30	76112	50.3
	36" (900mm) Pole	H78P36	76113	55.7
	42" (1050mm) Pole	H78P42	76114	61.1
	48" (1200mm) Pole	H78P48	76115	64.9
	54" (1350mm) Pole	H78P54	76116	70.3
	60" (1500mm) Pole	H78P60	76117	99.8
72" (1800mm) Pole	H78P72	76118	113.0	
2a	H2 XF-Tip Cushion* (for S, M, L HXF2-Tips; or S - LL Susp. Arms)	HXFC2	75902	4.0
2b	H2 XF-Tip Cushion, Neoprene* (oil resistant) (for S, M, L HXF2-Tips; or S - LL Susp. Arms)	HXFC2SS	77044	4.0
2c	H2 F-Tip Cushion* (for SS HXF2 Tips; or SS Susp. Arms)	HFC2	75901	4.0
2d	H2 F-Tip Cushion, Neoprene* (oil resistant) (for SS HXF2 Tips; or SS Susp. Arms)	HFC2SS	77043	4.0
3	HXF2-Tip Extra Small*	HXF2-SS	75979	3.0
	HXF2-Tip Small*	HXF2-S	75980	3.4
	HXF2-Tip Medium*	HXF2-M	75981	3.8
	HXF2-Tip Large*	HXF2-L	75982	4.1
3a	H V-Tip* (1 ea.)	HVT8	73042	1.0
3b	H Protected V-Tip* (1 ea.) (for vulcanized belts only) (for abusive wear)	HVPT	73631	2.7
4	H SS Suspension Arm*	HSA8SS	73047	0.5
	H S Suspension Arm*	HSA8S	73048	1.0
	H M Suspension Arm*	HSA8M	73049	1.5
	H L Suspension Arm*	HSA8L	73063	2.0
	H LL Suspension Arm*	HSA8LL	73064	2.5
5	Pole Lock Collar* (1 ea.)	MSPPL	75816	1.9
6	Pivot Arm Kit* (1 ea.)	QMTPAK	76096	4.3
7	Tension Spring - Purple (1 ea.)**	QMTS-P	75845	0.6
7a	Tension Spring - White (1 ea.)**	PSTS-W	75898	1.7
7b	Tension Spring - Silver (1 ea.)**	PSTS-S	75899	3.0
8	Bushing Kit - Purple (2 ea.) (for Item 7)	QMTBK-P	76097	0.1
8a	Bushing Kit - White (2 ea.) (for Items 7a & 7b)	QMTBK-W	76098	0.2
9	Pivot Shaft Bracket Kit* (1 ea.)	QMTPSBK	76099	4.3
10	Torque Arm Kit* (1 ea.)	PSTA	75896	11.4
11	Mounting Plate Kit* (2 ea.)	MSPMPK	75811	8.3
12	Offset Bracket Kit* (1 ea.)	HOBK	76399	12.4
13	H SS Tip Shield	HSSTS	74771	0.5
-	H SS Cushion Shield	HSSCS	74772	0.6
-	QMT Spring Tensioner* - Purple (incl. 1 ea. Items 6, 7, 8, 9, & 10)	QMT-P	76074	20.4
-	QMT Spring Tensioner* - White (incl. 1 ea. Items 6, 7a, 8a, 9, & 10)	QMT-W	76075	21.8
-	QMT Spring Tensioner* - Silver (incl. 1 ea. Items 6, 7b, 8a, 9, & 10)	VQMT-S	76402	23.9



Spring Tensioner Selection Chart

CLEANER TYPE AND SIZE	76074 QMT-P	76075 QMT-W	76402 QMT-S
HXF2			
18" SS & S	X		
18" M; 24"-36"; 42"-48" SS & S; 54" SS		X	
42"-48" M & L; 54"-72" S, M, L			X
HV			
18" SS, S, M; 24"-30" SS & S	X		
24"-30" M; 36"-48", 54" S, M, L; 60" S		X	
54" LL; 60" M, L, LL; 72"			X
HVP			
18" S, M; 24"-30" S	X		
24"-30" M; 36"-48"; 54" S, M, L; 60" S		X	
54" LL; 60" M, L, LL; 72"			X

*Hardware included
 Note: All poles and tensioners are heavy-duty style.
 Parts for old style H cleaners - See Page 98.
 Lead time: 1 working day

Product Ordering Information

H-Type with V-Tips High Temperature Precleaner

High Temp Precleaner with V-Tips

BELT WIDTH		SUSPENSION ARM SIZE	ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm				
18	450	SS	HTV18SS	74821	64.0
18	450	S	HTV18S	74828	65.0
24	600	SS	HTV24SS	74822	71.6
24	600	S	HTV24S	74829	72.6
30	750	SS	HTV30SS	74823	78.0
30	750	S	HTV30S	74830	80.0
36	900	SS	HTV36SS	74824	88.0
36	900	S	HTV36S	74831	90.0
36	900	M	HTV36M	74838	92.0
42	1050	SS	HTV42SS	74825	108.0
42	1050	S	HTV42S	74832	110.0
42	1050	M	HTV42M	74839	112.0
48	1200	SS	HTV48SS	74826	117.0
48	1200	S	HTV48S	74833	120.0
48	1200	M	HTV48M	74840	122.0

Suspension arm size is determined by head pulley diameter - see chart.
Pole Diameter - 2-3/8" (60mm)
Lead time: 1 working day



Replacement Suspension Arms

SUSPENSION ARM SIZE	ORDERING NUMBER	ITEM CODE	WT. LBS.
SS	HSA8SS	73047	0.5
S	HSA8S	73048	1.0
M	HSA8M	73049	1.5

Lead time: 1 working day

Replacement V-Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
HVT8	73042	1.0

Lead time: 1 working day

Tips Required per Cleaner Size

	18	24	30	36	42	48
in.	18	24	30	36	42	48
mm	450	600	750	900	1050	1200
V-Tips Required	2	3	3	4	5	5

Suspension Arm Size

HEAD PULLEY DIAMETER + BELT & LAGGING		SUSPENSION ARM SIZE
in.	mm	
8 - 15	200 - 375	SS
16 - 27	400 - 675	S
28 - 35	700 - 875	M

Product Notes:

- The High Temp Precleaner works in ambient temperatures up to 400°F (204°C) with spikes to 450°F (232°C)
- V-Tips can be used ONLY on vulcanized belts.
- Cleaners come standard with stainless steel tip shields.
- For replacement parts see the old-style H-Type Replacement Parts List on Page 98.
- Compatible with reversing belts.

Product Ordering Information

EZS2 Standard Duty Secondary Cleaner

EZS2 Secondary

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	EZS2-18	75643	71.0
24	600	EZS2-24	75644	75.8
30	750	EZS2-30	75645	79.7
36	900	EZS2-36	75646	85.5
42	1050	EZS2-42	75647	89.4
48	1200	EZS2-48	75648	94.2
54	1350	EZS2-54	75649	99.0
60	1500	EZS2-60	75650	136.3
72	1800	EZS2-72	75651	151.9

Lead time: 1 working day



Replacement C-Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7

Lead time: 1 working day

Tips Required Per Cleaner Size

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
C-Tips Required	3	4	5	6	7	8	9	10	12

Product Notes:

- Blade width equals belt width.
- Can be installed in any location from where the belt leaves the pulley on down the beltline.
- FormFlex™ cushions automatically adjust the individual tension of each blade to the belt.
- Works with mechanical splices.
- A special cushion pad helps absorb the impact from mechanical splices and eliminates blade vibration.
- Comes complete with universal mounting brackets.
- Versatile tensioner can be installed to either push-up or pull-up the cleaner to the belt, depending on installation space constraints.
- If belt is cupped or has low tension, a hold-down roller may be required to flatten and support the belt for optimal cleaning results.

U.S. Patent No. 6,823,983

Product Ordering Information

High Temp EZS2 High Temp Secondary Cleaner

High Temp Secondary Cleaner with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	HTS18	76085	64.0
24	600	HTS24	76086	68.0
30	750	HTS30	76087	72.0
36	900	HTS36	76088	76.0
42	1050	HTS42	76089	80.0
48	1200	HTS48	76090	84.0
54	1350	HTS54	76091	88.0
60	1500	HTS60	76092	145.3
72	1800	HTS72	76093	149.5

Pole Diameter - 2-3/8" (60mm)
Lead time: 1 working day



Replacement C-Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7

Lead time: 1 working day

Replacement Cushion Kit

ORDERING NUMBER	ITEM CODE	WT. LBS.
HTSCK	76094	1.5

Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
C-Tips Required	3	4	5	6	7	8	9	10	12

Product Notes:

- The High Temp Secondary works in ambient temperatures up to 400°F (204°C) with spikes to 450°F (232°C).
- Works with mechanical fasteners.
- For replacement parts see the EZS2 Replacement Parts List on Page 53.

U.S. Patent No. 6,823,983

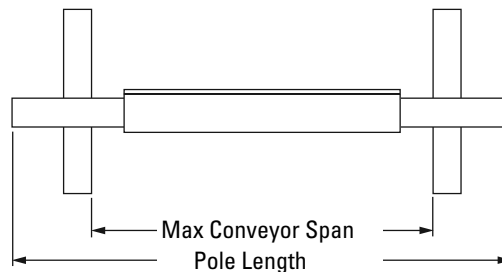
Specifications & Guidelines

EZS2 Standard Duty Secondary Cleaner

Pole Length Specifications

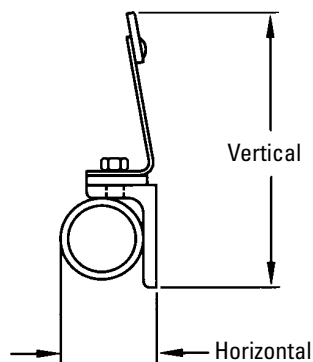
BELT WIDTH		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
18	450	18	450	52	1300	47	1175
24	600	24	600	58	1450	53	1325
30	750	30	750	64	1600	59	1475
36	900	36	900	70	1750	65	1625
42	1050	42	1050	76	1900	71	1775
48	1200	48	1200	82	2050	77	1925
54	1350	54	1350	88	2200	83	2075
60	1500	60	1500	94	2350	89	2225
72	1800	72	1800	106	2650	101	2525

Pole Diameter - 2-3/8" (60mm) on 18" - 54" (450-1350mm)
 Pole Diameter - 2-7/8" (73mm) on 60" - 72" (1500-1800mm)



Clearance Guidelines for Installation

HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
4	100	8 1/2 for 18"-54"	213
		9 1/2 for 60"-72"	238



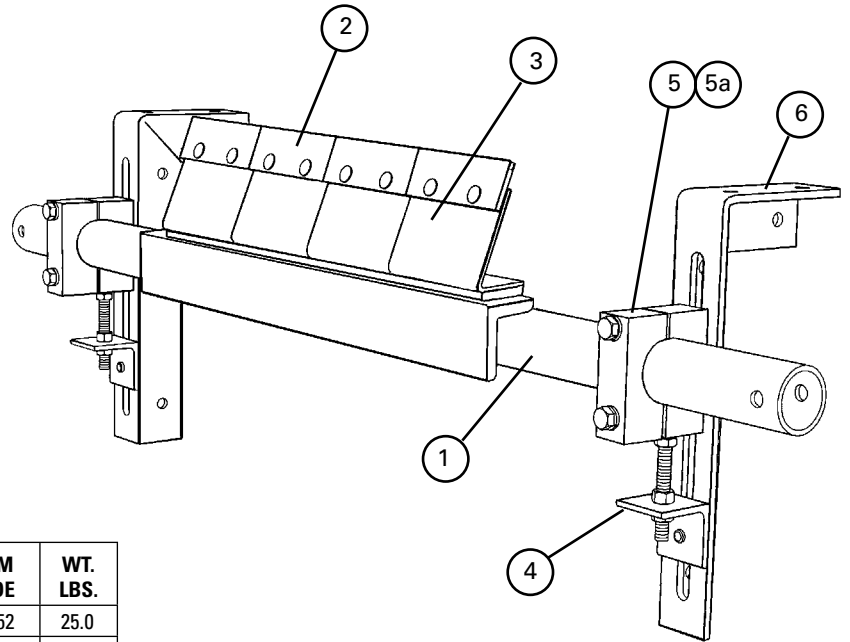
Specifications:

- Maximum Belt Speed 700 FPM (3.5M/sec)
- Temperature Rating (EZS2) -30°F to 200°F (-35°C to 93°C)
- Temperature Rating (EZS2 High-Temp) Up to 400°F (204°C) with spikes to 450°F (232°C)
- Usable Blade Wear Length 3/8" (9mm)
- Blade Material Impact Resistant Tungsten Carbide
(works with mechanical fasteners)
- Available for Belt Widths 18" to 72" (450 to 1800mm)

U.S. Patent No. 6,823,983

Replacement Parts List

EZS2 Standard Duty Secondary Cleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	EZS2P18	75652	25.0
	24" (600mm) Pole	EZS2P24	75653	28.0
	30" (750mm) Pole	EZS2P30	75654	30.0
	36" (900mm) Pole	EZS2P36	75655	34.0
	42" (1050mm) Pole	EZS2P42	75656	36.0
	48" (1200mm) Pole	EZS2P48	75657	39.0
	54" (1350mm) Pole	EZS2P54	75658	42.0
	60" (1500mm) Pole	EZS2P60	75659	77.0
	72" (1800mm) Pole	EZS2P72	75660	89.0
2	C-Tip Kit* (1 ea.)	ICT6	74535	0.7
3	FormFlex™ Cushion Kit* (incl. 1 cushion & 1 pad)	FFCK	75661	1.5
4	Adjusting Bracket Kit* (1 ea.)	EZS2ABK	75664	2.0
5	Pole Clamp Kit* (1 ea.) for sizes 18"-54" (450-1350mm)	EZS2PCK	75665	10.0
5a	HD Pole Clamp Kit* (1 ea.) for sizes 60"-72" (1500-1800mm)	EZS2HDPCK	75769	11.4
6	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	13.0
-	Mounting Kit* for sizes 18"-54" (450-1350mm) (incl. 2 ea. Items 4 & 5 and 1 ea. Item 6)	EZS2MK	75667	31.5
-	HD Mounting Kit* for sizes 60"-72" (1500-1800mm) (incl. 2 ea. Items 4 & 5a and 1 ea. Item 6)	EZS2HDMK	75770	31.9

*Hardware Included
Lead time: 1 working day

Cleaner Tips and Cushions Required Per Cleaner Size

in.	mm	TIPS REQUIRED
18	450	3
24	600	4
30	750	5
36	900	6
42	1050	7
48	1200	8
54	1350	9
60	1500	10
72	1800	12

Mounting Kit Selection Chart

CLEANER WIDTH	75667 EZS2MK	75770 EZS2HDMK
EZS2 18" - 54" (450 - 1350mm)	X	
EZS2 60" - 72" (1500 - 1800mm)		X

U.S. Patent No. 6,823,983

Product Ordering Information

P-Type® Secondary Cleaner

P-Type® Secondary with C-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	PC18	74566	72.4
24	600	PC24	74567	79.3
30	750	PC30	74568	85.2
36	900	PC36	74569	92.1
42	1050	PC42	74570	105.0
48	1200	PC48	74571	111.8
54	1350	PC54	74572	122.2
60	1500	PC60	74573	128.1
72	1800	PC72	74574	139.9

*NOTE: C-Tips can be used on mechanically spliced and vulcanized belts. P-Type cleaners come standard with Select Set™ Tensioners. For heavy-duty P-Type cleaners, see MSS Secondary Cleaners on Page 61.

Lead time: 1 working day



P-Type® Secondary with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	PV-18	78453	72.4
24	600	PV-24	78415	79.3
30	750	PV-30	78417	85.2
36	900	PV-36	78419	92.1
42	1050	PV-42	78421	105.0
48	1200	PV-48	78423	111.8
54	1350	PV-54	78454	122.2
60	1500	PV-60	78455	128.1
72	1800	PV72	73438	139.9

*NOTE: V-Tips can be used ONLY on vulcanized belts. P-Type cleaners come standard with Select Set™ Tensioners. For heavy-duty P-Type cleaners, see MSS Secondary Cleaners on Page 61.

Lead time: 1 working day



Replacement Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7
PSA150	73156	1.0

Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
C-Tips or V-Tips Required	3	4	5	6	7	8	9	10	12

Product Notes:

- C-Tip: specially formulated tungsten carbide blades to work with mechanical fasteners.
- V-Tip: for use on vulcanized belts only.
- Compact design: fits in small transfer areas and tight chutes.
- Tips set at a non-aggressive 70° angle to give quick relief for passing mechanical splices.

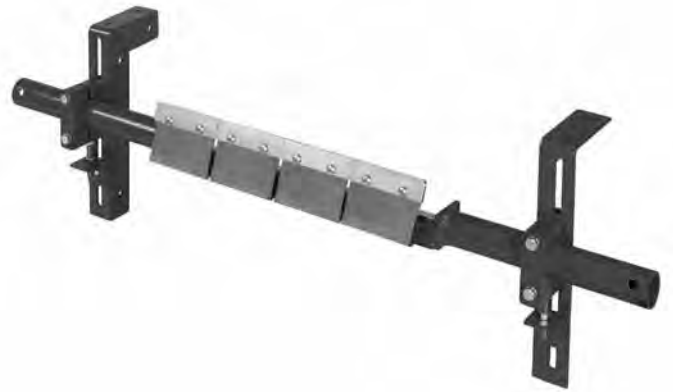
Product Ordering Information

P-Type® LS Limited Space Secondary Cleaner

P-Type® LS Belt Cleaner with C-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	PLSC18	75588	73.4
24	600	PLSC24	75589	80.3
30	750	PLSC30	75590	86.2
36	900	PLSC36	75591	93.1
42	1050	PLSC42	75592	100.0
48	1200	PLSC48	75593	106.9
54	1350	PLSC54	75594	113.8

*NOTE: C-Tips can be used on mechanically spliced and vulcanized belts.
P-Type cleaners come standard with Select Set™ Tensioners.
Lead time: 1 working day



Replacement C-Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7

Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54
mm	450	600	750	900	1050	1200	1350
C-Tips Required	3	4	5	6	7	8	9

Product Notes:

- LS = Limited Space. Requires only 5 1/2" (138mm) of vertical clearance for installation.
- Not available in belt widths larger than 54" (1350mm).

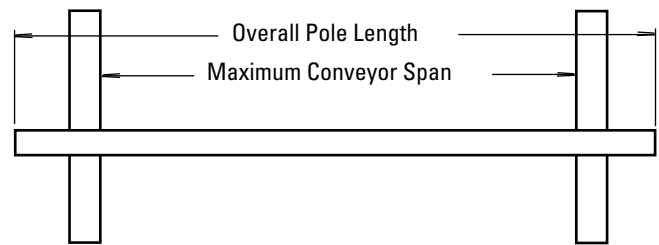
Specifications & Guidelines

P-Type® Secondary Cleaner

Pole Length Specifications

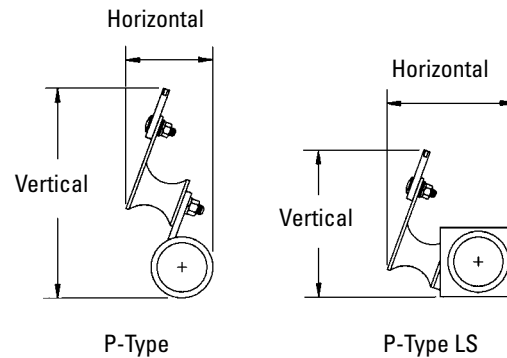
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
18	450	48	1200	43	1075
24	600	54	1350	49	1225
30	750	60	1500	55	1375
36	900	66	1650	61	1525
42	1050	72	1800	67	1675
48	1200	78	1950	73	1825
54	1350	88	2200	83	2075
60	1500	94	2350	89	2225
72	1800	106	2650	101	2525

Pole Diameter - 2-3/8" (60mm)



Clearance Guidelines for Installation

CLEANER TYPE	BELT WIDTH/ CLEANER SIZE		HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	in.	mm	in.	mm	in.	mm
P-Type	18 - 72	450 - 1800	4	100	8	200
P-Type LS	18 - 54	450 - 1350	5	125	5 1/2	138



P-Type Cushion Specifications

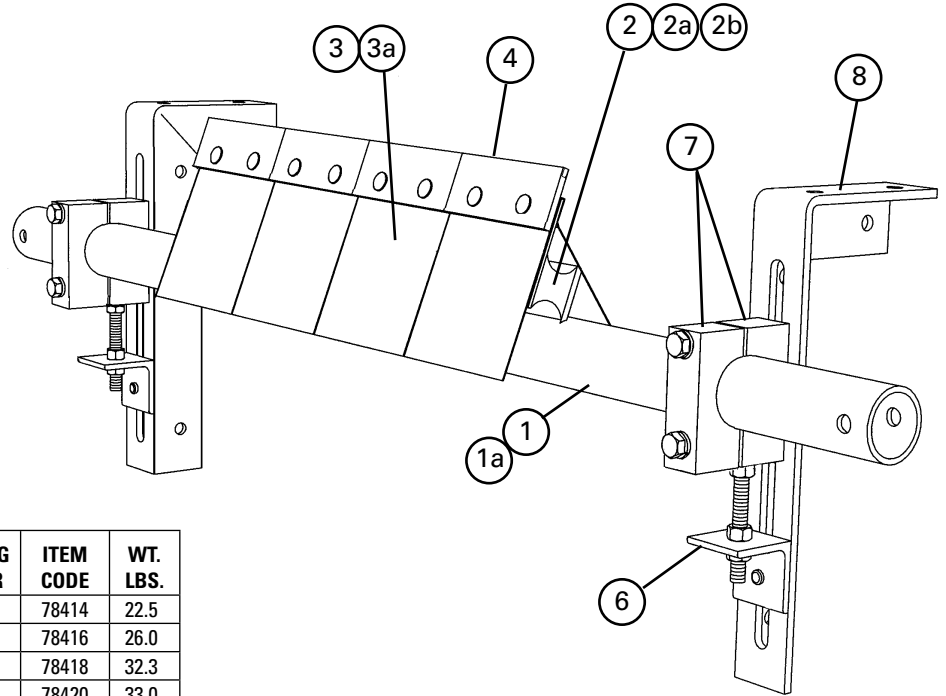
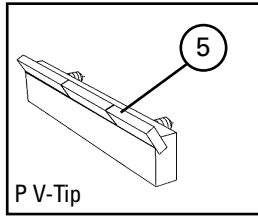
CUSHION	DUROMETER	TEMPERATURE RANGE
Standard	55A	-30° to 180°F -35° to 82° C
Neoprene	55A	-4° to 230°F -20° to 110°C

Specifications:

- Maximum Belt Speed 1000 FPM (5M/sec)
- Temperature Rating -30°F to 180°F (-35°C to 82°C)
- Usable Blade Wear Length 3/8" (9mm)
- Blade Materials..... C-Tip: Impact Resistant Tungsten Carbide (works with mechanical fasteners)
V-Tip: Long Life Tungsten Carbide (works on vulcanized belts only)
- Available for Belt Widths..... P-Type: 18" to 72" (450 to 1800mm)
P-Type LS: 18" to 54" (450 to 1350mm)
Other sizes available upon request.

Replacement Parts List

P-Type®
Secondary Cleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	PP-18	78414	22.5
	24" (600mm) Pole	PP-24	78416	26.0
	30" (750mm) Pole	PP-30	78418	32.3
	36" (900mm) Pole	PP-36	78420	33.0
	42" (1050mm) Pole	PP-42	78422	43.0
	48" (1200mm) Pole	PP-48	78424	47.5
	54" (1350mm) Pole	PP-54	78425	55.0
	60" (1500mm) Pole	PP-60	78451	58.0
	72" (1800mm) Pole	PP72	73017	64.0
1a	18" (450mm) LS Pole	PLSP18	75595	32.3
	24" (600mm) LS Pole	PLSP24	75596	36.0
	30" (750mm) LS Pole	PLSP30	75597	38.7
	36" (900mm) LS Pole	PLSP36	75598	42.4
	42" (1050mm) LS Pole	PLSP42	75599	46.1
	48" (1200mm) LS Pole	PLSP48	75600	49.8
	54" (1350mm) LS Pole	PLSP54	75601	53.5
2	P2 C-Tip Cushion*	PHA	73626	2.0
2a	P Cushion SS Neoprene* (oil resistant)	PSSC	77045	3.5
2b	P Cushion Neoprene* (oil resistant)	PNC	74984	3.5
3	P Polyshield	PPS6	78450	0.5
3a	P SS Shield	PSSS	78434	0.5
4	C-Tip* Kit (1 ea.)	ICT6	74535	0.7
5	P V-Tip* (for vulcanized belts only)	PSA150	73156	1.0
6	Adjusting Bracket Kit* (1 ea.)	EZS2ABK	75664	2.0
7	Pole Clamp Kit* (1 ea.)	EZS2PCK	75665	10.0
8	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	13.0
-	Mounting Kit* (incl. 2 ea. items 6 & 7 and 1 ea. item 8)	EZS2MK	75667	31.5
-	Select Set™ Tension Kit* (incl. 1 ea. items 6 & 7)	SSTK	74883	34.0

*Hardware included
Lead time: 1 working day

Product Ordering Information

R-Type® Reversing Secondary Cleaner

R-Type® Reversing with C-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	RC18	74618	72.8
24	600	RC24	74619	79.3
30	750	RC30	74620	85.2
36	900	RC36	74621	91.9
42	1050	RC42	74622	104.9
48	1200	RC48	74623	113.5
54	1350	RC54	74624	121.1
60	1500	RC60	74625	129.8
72	1800	RC72	74626	141.1

*NOTE: C-Tips can be used on mechanically spliced and vulcanized belts.

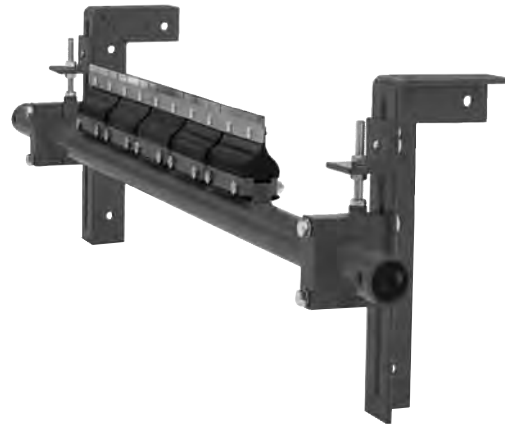
Lead time: 1 working day



BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	RV-18	78402	72.4
24	600	RV-24	78403	78.7
30	750	RV-30	78404	84.6
36	900	RV-36	78405	91.1
42	1050	RV-42	78406	104.0
48	1200	RV-48	78407	113.3
54	1350	RV-54	78408	119.9
60	1500	RV-60	78409	128.5
72	1800	RV72	74641	139.7

*NOTE: V-Tips can be used ONLY on vulcanized belts.

Lead time: 1 working day



Replacement Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7
RSA150	73628	1.3

Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
C-Tips or V-Tips Required	3	4	5	6	7	8	9	10	12

Product Notes:

- Two-way cushions allow cleaning in both directions.
- Tungsten carbide tips for long wear and superior cleaning.

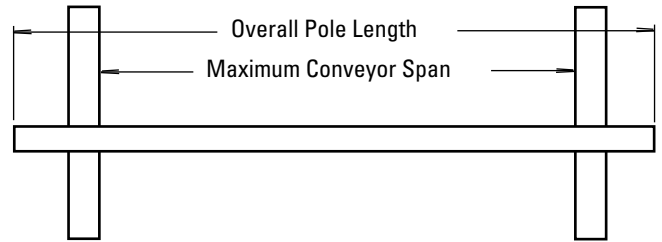
Specifications & Guidelines

R-Type® Reversing Secondary Cleaner

Pole Length Specifications

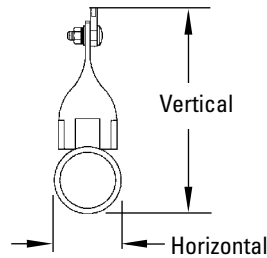
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
18	450	48	1200	43	1075
24	600	54	1350	49	1225
30	750	60	1500	55	1375
36	900	66	1650	61	1525
42	1050	72	1800	67	1675
48	1200	78	1950	73	1825
54	1350	88	2200	83	2075
60	1500	94	2350	89	2225
72	1800	106	2650	101	2525

Pole Diameter - 2-3/8" (60mm)



Clearance Guidelines For Installation

BELT WIDTH/ CLEANER SIZE		HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm	in.	mm
18 - 72	450 - 1800	4	100	8	200



R-Type Cushion Specifications

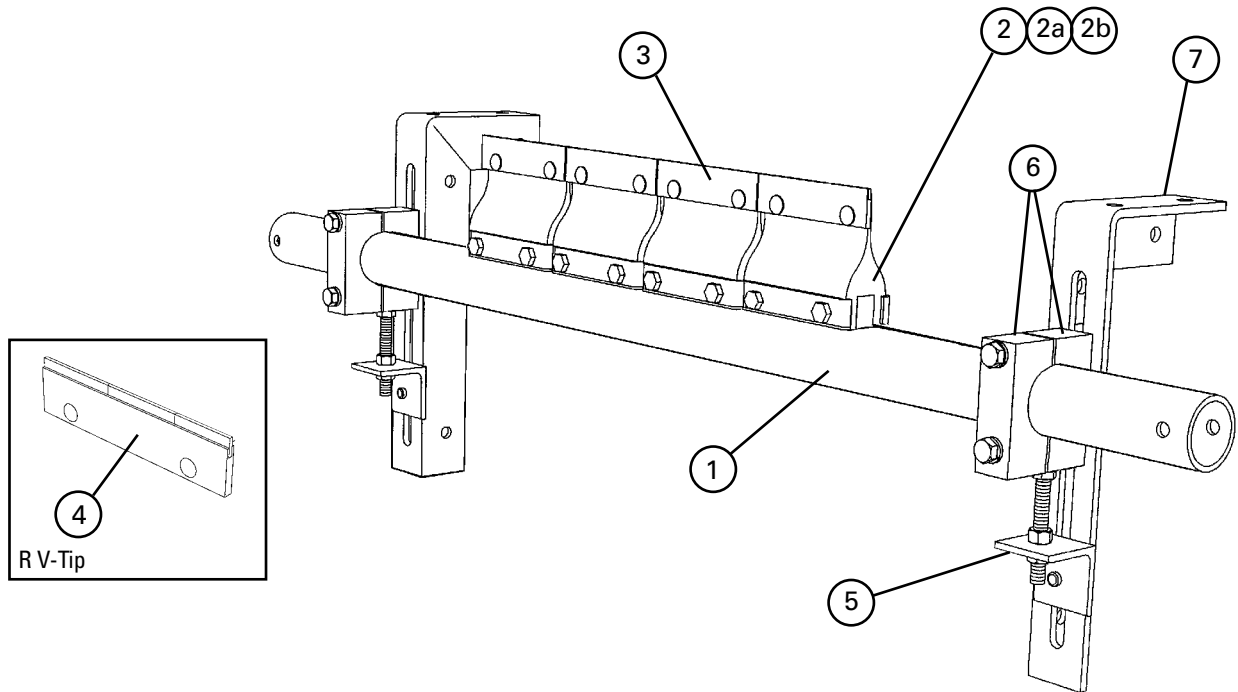
CUSHION	DUROMETER	TEMPERATURE RANGE
Standard	55A	-30° to 180°F -35° to 82° C
Neoprene	55A	-4° to 230°F -20° to 110°C

Specifications:

- Maximum Belt Speed 1000 FPM (5M/sec)
- Temperature Rating -30°F to 180°F (-35°C to 82°C)
- Usable Blade Wear Length 3/8" (9mm)
- Blade Materials..... C-Tip: Impact Resistant Tungsten Carbide (works with mechanical fasteners)
V-Tip: Long Life Tungsten Carbide (works on vulcanized belts only)
- Available for Belt Widths..... 18" to 72" (450 to 1800mm)
Other sizes available upon request

Replacement Parts List

R-Type®
Reversing Secondary Cleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	RP-18	78426	23.9
	24" (600mm) Pole	RP-24	78427	27.8
	30" (750mm) Pole	RP-30	78428	31.1
	36" (900mm) Pole	RP-36	78429	35.2
	42" (1050mm) Pole	RP-42	78430	45.6
	48" (1200mm) Pole	RP-48	78431	50.6
	54" (1350mm) Pole	RP-54	78432	56.6
	60" (1500mm) Pole	RP-60	78433	62.7
	72" (1800mm) Pole	RP72	74612	71.4
2	R2 C-Tip Cushion*	RSA	76249	2.0
2a	R-Type Cushion SS Neoprene* (oil resistant)	RSSC	77046	3.0
2b	R-Type Cushion Neoprene* (oil resistant)	RNC	74985	3.0
3	C-Tip Kit* (1 ea.)	ICT6	74535	0.7
4	R V-Tip* (for vulcanized belts only)	RSA150	73628	1.3
5	Adjusting Bracket Kit* (1 ea.)	EZS2ABK	75664	2.0
6	Pole Clamp Kit* (1 ea.)	EZS2PCK	75665	10.0
7	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	13.0
-	Mounting Kit* (incl. 2 ea. items 5 & 6 and 1 ea. item 7)	EZS2MK	75667	31.5
-	Select Set™ Tension Kit* (incl. 1 ea. items 5 & 6)	SSTK	74883	34.0

*Hardware included

Lead time: 1 working day

Product Ordering Information

MSS Secondary with C-Tip

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MSS-24	75852	110.9
30	750	MSS-30	75853	118.6
36	900	MSS-36	75854	127.0
42	1050	MSS-42	75855	134.7
48	1200	MSS-48	75856	142.4
54	1350	MSS-54	75857	150.1
60	1500	MSS-60	75858	157.8
72	1800	MSS-72	75859	173.6
84	2100	MSS-84	76802	202.5

Lead time: 1 working day



MSS Secondary with V-Tip*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MSS-24V	76148	110.9
30	750	MSS-30V	76149	118.6
36	900	MSS-36V	76150	127.0
42	1050	MSS-42V	76151	134.7
48	1200	MSS-48V	76152	142.4
54	1350	MSS-54V	76153	150.1
60	1500	MSS-60V	76154	157.8
72	1800	MSS-72V	76155	173.6

*NOTE: V-Tips can be used ONLY on vulcanized belts.

Lead time: 1 working day



Replacement Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7
PSA150	73156	1.0

Lead time: 1 working day

Tips Required Per Cleaner Size

in.	24	30	36	42	48	54	60	72	84
mm	600	750	900	1050	1200	1350	1500	1800	2100
C-Tips or V-Tips Required	4	5	6	7	8	9	10	12	14

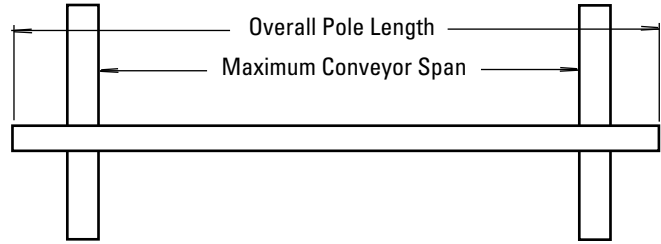
Product Notes:

- Recommended for standard-duty conveyor applications. For abusive applications see the MHS Heavy-Duty Secondary Belt Cleaner (Page 64).
- Pole Length: Belt width plus 54". For longer requirements see Installation Accessories - Pole Extender Kit (Page 93).
- C-Tips are for mechanically fastened or vulcanized belts. V-Tips are for vulcanized belts only.
- Visual Blade Tension Check: Measure the tension spring and refer to Spring Length Chart on mounting base for the correct length for best cleaning performance.
- Tensioner: SST Spring Tensioner for self-adjusting tensioning with easy retensioning adjustments.
- To make cleaner installation easier and quicker, see Optional Mounting Kits on Page 93.

Specifications & Guidelines

Pole Length Specifications*

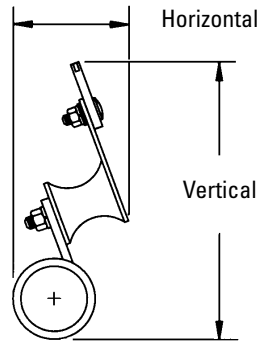
CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
24	600	24	600	78	1950	68	1700
30	750	30	750	84	2100	74	1850
36	900	36	900	90	2250	80	2000
42	1050	42	1050	96	2400	86	2150
48	1200	48	1200	102	2550	92	2300
54	1350	54	1350	108	2700	98	2450
60	1500	60	1500	114	2850	104	2600
72	1800	72	1800	126	3150	116	2900
84	2100	84	2100	138	3450	128	3200



* For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. See Page 93. Pole Diameter - 2-7/8" (73mm)

Clearance Guidelines for Installation

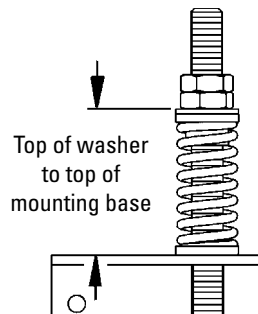
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
4	100	9	225



Spring Length Chart

with SST Spring Tensioners

BLADE WIDTH	WHITE SPRING	SILVER SPRING	BLACK SPRING
18"	3 1/2"	4 1/8"	N/A
24"	3 1/4"	4"	N/A
30"	3"	3 7/8"	N/A
36"	N/A	3 7/8"	4"
42"	N/A	3 3/4"	3 7/8"
48"	N/A	3 5/8"	3 3/4"
54"	N/A	3 1/2"	3 3/4"
60"	N/A	3 3/8"	3 5/8"
72"	N/A	N/A	3 1/2"
84"	N/A	N/A	3 3/8"



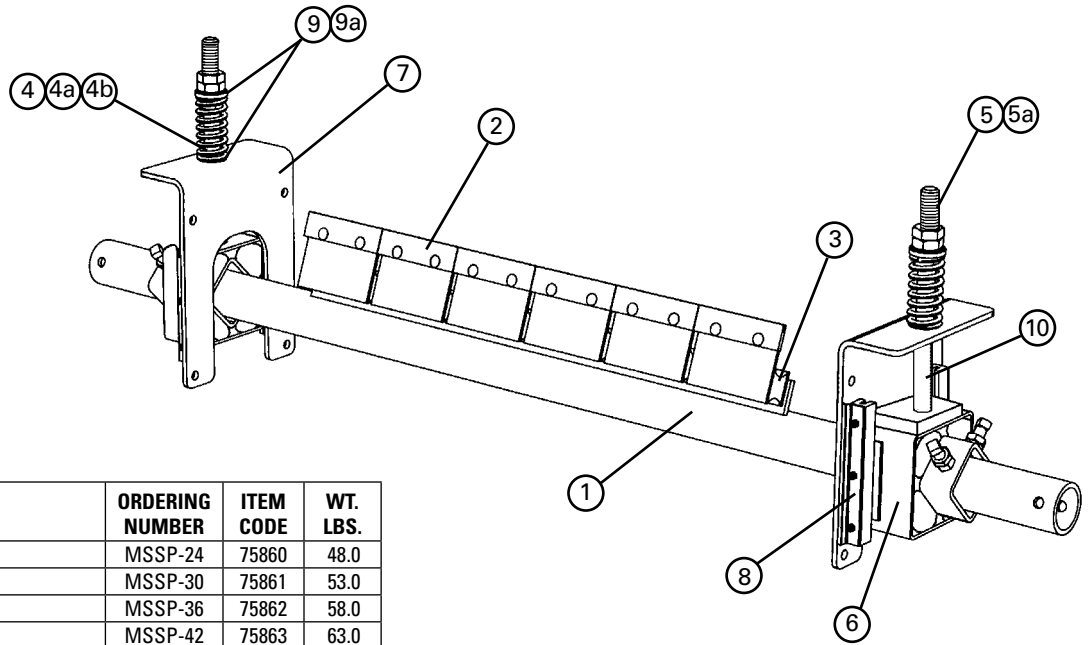
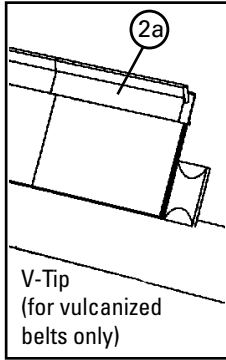
Shading indicates preferred spring option

Specifications:

- Maximum Belt Speed 1000 FPM (5M/sec)
- Temperature Rating -30°F to 180°F (-35°C to 82°C)
- Usable Blade Wear Length 3/8" (9mm)
- Blade Materials..... C-Tip: Impact Resistant Tungsten Carbide (works with mechanical fasteners)
V-Tip: Long Life Tungsten Carbide (for vulcanized belts only)
- Available for Belt Widths..... 24" to 84" (600 to 2100mm).
Other sizes available upon request.

Replacement Parts List

MSS Standard Mine-Duty Secondary Cleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) Pole	MSSP-24	75860	48.0
	30" (750mm) Pole	MSSP-30	75861	53.0
	36" (900mm) Pole	MSSP-36	75862	58.0
	42" (1050mm) Pole	MSSP-42	75863	63.0
	48" (1200mm) Pole	MSSP-48	75864	68.0
	54" (1350mm) Pole	MSSP-54	75865	73.0
	60" (1500mm) Pole	MSSP-60	75866	78.0
	72" (1800mm) Pole	MSSP-72	75867	88.0
	84" (2100mm) Pole	MSSP-84	76813	103.0
2	C-Tip*	ICT6	74535	0.7
2a	V-Tip* (for vulcanized belts only)	PSA150	73156	1.0
3	Cushion*	PHA	73626	2.0
4	Tension Spring - White (1 ea.) for belts 24" - 30" (600-750mm)	STS-W	75846	0.5
4a	Tension Spring - Silver (1 ea.) for belts 36" - 60" (900-1500mm)	STS-S	75843	0.8
4b	Tension Spring - Black (1 ea.) for belts 72" - 84" (1800-2100mm)	STS-B	75844	1.0
5	Adjusting Rod Kit (includes 1 rod, 2 nuts, 1 bushing, 1 washer) for belts 24" - 60" (600-1500mm)	STAK	75847	2.9
5a	HD Adjusting Rod Kit (includes 1 rod, 2 nuts, 1 HD bushing, 1 washer) for belts 72"-84" (1800-2100mm)	STAKHD	75892	3.0
6	HD Torsion Pole Mount* (1 ea.)	STHDPM	75848	11.1
7	HD Mounting Base Kit* (includes 1 mounting base & 2 slide guides)	STHDMK	75850	11.6
8	Slide Guide Kit* (includes 2 slide guides)	STGK	75851	0.7
9	SST Bushing Kit - White (includes 2 bushings) for white springs and silver springs	SSTBK-W	76636	0.1
9a	SST Bushing Kit - Black (includes 2 bushings) for black springs	SSTBK-B	76637	0.1
10	SST Tensioner Bushing Update Kit (includes 2 lower bushings, 3 sleeves, 2 nuts)	SST-BUK	76943	0.3
-	HD Spring Tensioner* - White (includes 2 each items 4, 5, 6, 7 & 9) for belts 24" - 30" (600-750mm)	SSTHD-W	75842	52.1
-	HD Spring Tensioner* - Silver (includes 2 each items 4a, 5, 6, 7 & 9) for belts 36" - 60" (900-1500mm)	SSTHD-S	75839	52.8
-	HD Spring Tensioner* - Black (includes 2 each items 4b, 5a, 6, 7 & 9a) for belts 72" - 84" (1800-2100mm)	SSTHD-B	75840	53.2

*Hardware Included
Lead time: 1 working day

Cleaner Tips and Cushions Required Per Cleaner Size

in.	mm	TIPS REQUIRED
24	600	4
30	750	5
36	900	6
42	1050	7
48	1200	8
54	1350	9
60	1500	10
72	1800	12
84	2100	14

Spring Tensioner Selection Chart

CLEANER SIZE	75842 SSTHD-W	75839 SSTHD-S	75840 SSTHD-B
MSS 24" - 30" (600 - 750mm)	X		
MSS 36" - 60" (900 - 1500mm)		X	
MSS 72" - 84" (1800 - 2100mm)			X

Product Ordering Information

MHS Heavy Duty Secondary Cleaner

MHS HD Secondary with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHS-24	75910	124.6
30	750	MHS-30	75911	129.5
36	900	MHS-36	75912	140.0
42	1050	MHS-42	75913	150.4
48	1200	MHS-48	75914	160.9
54	1350	MHS-54	75915	171.3
60	1500	MHS-60	75916	181.8
72	1800	MHS-72	75917	208.3
84	2100	MHS-84	76803	243.0

Lead time: 1 working day



MHS HD Secondary with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	MHS-18V	76169	119.7
24	600	MHS-24V	76170	124.6
30	750	MHS-30V	76171	129.5
36	900	MHS-36V	76172	140.0
42	1050	MHS-42V	76173	150.4
48	1200	MHS-48V	76174	160.9
54	1350	MHS-54V	76175	171.3
60	1500	MHS-60V	76176	181.8
72	1800	MHS-72V	76177	208.3
84	2100	MHS-84V	76804	243.1

*NOTE: V-Tips can be used ONLY on vulcanized belts.

Lead time: 1 working day



Replacement Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7
RSA150	73628	1.3

Lead time: 1 working day

Tips Required Per Cleaner Size

in.	18	24	30	36	42	48	54	60	72	84
mm	450	600	750	900	1050	1200	1350	1500	1800	2100
C-Tips or V-Tips Required	3	4	5	6	7	8	9	10	12	14

Product Notes:

- Heavy-duty design to deliver maximum cleaning efficiency on the most demanding, abusive beltlines.
- Pole Length: Belt width plus 54". For longer requirements, see Minline Installation Accessories - Pole Extender Kit (Page 93).
- Patented PowerFlex™ cushion design to maintain continuous blade-to-belt contact and quick relief from passing mechanical splices.
- C-Tips are for mechanically fastened or vulcanized belts. V-Tips are for vulcanized belts only.
- Visual Blade Tension Check: Measure the tension spring and refer to Spring Length Chart on mounting base for the correct length for best cleaning performance.
- Tensioner: SST Spring Tensioner for self-adjusting tensioning with easy retensioning adjustments.
- To make cleaner installation easier and quicker, see Optional Mounting Kits on Page 93.

U.S. Patent No. 6,823,983; 7,093,706

Product Ordering Information

MHS Reversing Heavy Duty Secondary Cleaner

MHS HD Reversing Secondary with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHS-24R	76613	128.2
30	750	MHS-30R	76614	134.0
36	900	MHS-36R	76615	145.4
42	1050	MHS-42R	76616	156.7
48	1200	MHS-48R	76617	168.1
54	1350	MHS-54R	76618	179.4
60	1500	MHS-60R	76619	190.8
72	1800	MHS-72R	76620	219.1
84	2100	MHS-84R	76621	247.4

Lead time: 1 working day



MHS HD Reversing Secondary with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	MHS-18RV	76646	122.4
24	600	MHS-24RV	76647	128.2
30	750	MHS-30RV	76648	134.0
36	900	MHS-36RV	76649	145.4
42	1050	MHS-42RV	76650	156.7
48	1200	MHS-48RV	76651	168.1
54	1350	MHS-54RV	76652	179.4
60	1500	MHS-60RV	76653	190.8
72	1800	MHS-72RV	76654	219.1
84	2100	MHS-84RV	76805	255.6

*NOTE: V-Tips can be used ONLY on vulcanized belts.

Lead time: 1 working day



Replacement Shields

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
P Stainless Steel Shield	PSSS	74773	0.5
PowerFlex™ Reverse Shield	PFRS	76622	0.4

Lead time: 1 working day

Replacement Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7
RSA150	73628	1.3

Lead time: 1 working day

Product Notes:

- A cleaner for applications where the belt travels in both directions.

MHS HD Secondary Cleaner (C-Tips) with Portable Air Tensioner*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHS-24P	78736	102.4
30	750	MHS-30P	78737	107.3
36	900	MHS-36P	78738	116.4
42	1050	MHS-42P	78739	126.8
48	1200	MHS-48P	78740	137.3
54	1350	MHS-54P	78741	147.7
60	1500	MHS-60P**	78742	158.2
72	1800	MHS-72P**	78743	183.9
84	2100	MHS-84P**	78744	209.6

*Includes Control Box

**60", 72" and 84" models have a 3-piece pole.

Lead time: 1 working day



Product Notes:

- The SAT2 Tensioners automatically adjust the blades to the belt until the blades are worn out.

U.S. Patent No. 6,823,983; 7,093,706

Product Ordering Information

Line Connections for Portable Air Tensioner

Air Tanks

ORDERING NUMBER	ITEM CODE	WT. LBS.
PAT1	78684	13.0
PAT2	78685	13.0



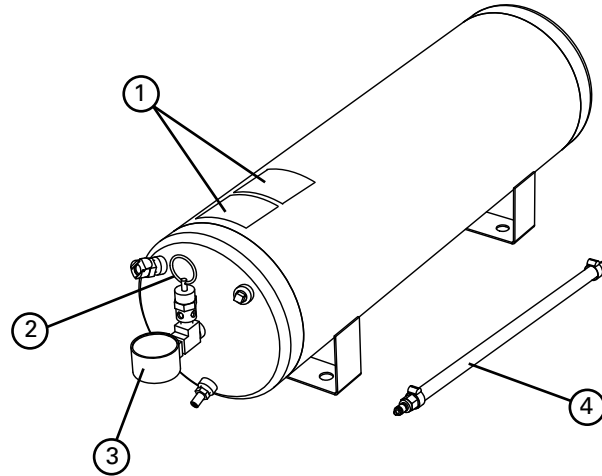
PAT1 (Single)



PAT2 (Dual)

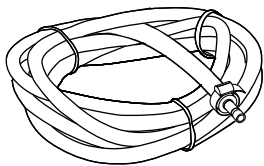
Replacement Parts List

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Tank Label Kit	PATLK	78791	0.1
2	Tank Pop-Off Valve	PATPV	78792	0.5
3	Tank Gauge	PATG	78793	0.5
4	Tank Hose Kit (incl. 1 ea. 10' hose, hose clamp, hose barb, quick connect hose barb)	PATHK	78794	1.5



Product Notes:

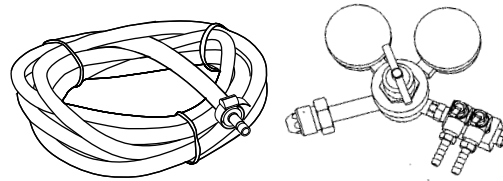
- For use with PAT cleaner assemblies and PAT control box.
- Single for applications with one cleaner, double for applications with two cleaners.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.



Air Line Connection for Site Accessible Air

ORDERING NUMBER	ITEM CODE	WT. LBS.
PAAK*	78798	0.5

* incl. 10' hose, 2 hose clamps, push-in hose barb to connect to PAT Control Box



Nitrogen Tank Connection for Site-provided nitrogen tank

ORDERING NUMBER	ITEM CODE	WT. LBS.
PANK*	78799	5.0

* incl. Nitrogen Regulator, 10' hose, 2 hose clamps, push-in hose barb to connect to PAT Control Box

Product Ordering Information

Stainless Steel MHS Heavy Duty Secondary Cleaner

SS MHS HD Secondary with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE
in.	mm		
24	600	MHS-24-S/S	77601
30	750	MHS-30-S/S	77602
36	900	MHS-36-S/S	77603
42	1050	MHS-42-S/S	77604
48	1200	MHS-48-S/S	77605
54	1350	MHS-54-S/S	77606
60	1500	MHS-60-S/S	77607
72	1800	MHS-72-S/S	77608
84	2100	MHS-84-S/S	77609

Lead time: 1 working day



SS MHS HD Secondary with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE
in.	mm		
24	600	MHS-24V-S/S	77610
30	750	MHS-30V-S/S	77611
36	900	MHS-36V-S/S	77612
42	1050	MHS-42V-S/S	77613
48	1200	MHS-48V-S/S	77614
54	1350	MHS-54V-S/S	77615
60	1500	MHS-60V-S/S	77616
72	1800	MHS-72V-S/S	77617
84	2100	MHS-84V-S/S	77618

*NOTE: V-Tips can be used ONLY on vulcanized belts.

Lead time: 1 working day



For replacement tips and qty of tips per cleaner, see page 64

Shaded items are made to order.
Lead time: 3 weeks



SS MHS HD Reversing Secondary with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE
in.	mm		
24	600	MHS-24R-S/S	77640
30	750	MHS-30R-S/S	77641
36	900	MHS-36R-S/S	77642
42	1050	MHS-42R-S/S	77643
48	1200	MHS-48R-S/S	77644
54	1350	MHS-54R-S/S	77645
60	1500	MHS-60R-S/S	77646
72	1800	MHS-72R-S/S	77647
84	2100	MHS-84R-S/S	77648

Lead time: 1 working day



SS MHS HD Reversing Secondary with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE
in.	mm		
24	600	MHS-24RV-S/S	77649
30	750	MHS-30RV-S/S	77650
36	900	MHS-36RV-S/S	77651
42	1050	MHS-42RV-S/S	77652
48	1200	MHS-48RV-S/S	77653
54	1350	MHS-54RV-S/S	77654
60	1500	MHS-60RV-S/S	77655
72	1800	MHS-72RV-S/S	77656
84	2100	MHS-84RV-S/S	77657

*NOTE: V-Tips can be used ONLY on vulcanized belts.

Lead time: 1 working day

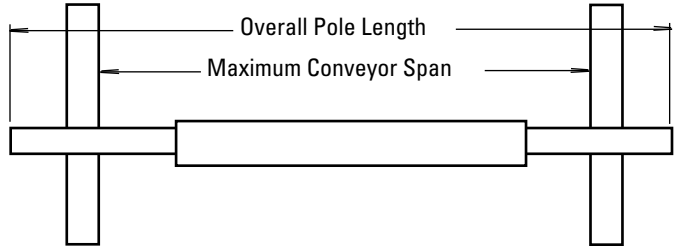
U.S. Patent No. 6,823,983; 7,093,706

Specifications & Guidelines

Pole Length Specifications*

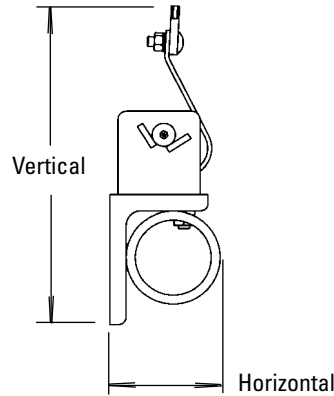
CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
18	450	18	450	72	1800	62	1550
24	600	24	600	78	1950	68	1700
30	750	30	750	84	2100	74	1850
36	900	36	900	90	2250	80	2000
42	1050	42	1050	96	2400	86	2150
48	1200	48	1200	102	2550	92	2300
54	1350	54	1350	108	2700	98	2450
60	1500	60	1500	114	2850	104	2600
72	1800	72	1800	126	3150	116	2900
84	2100	84	2100	138	3450	128	3200

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. See Page 93.
Pole Diameter - 2-7/8" (73mm)



Clearance Guidelines for Installation

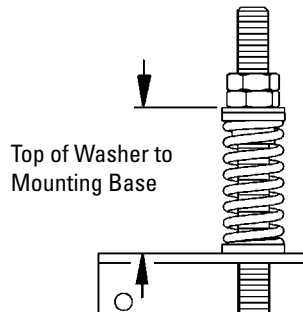
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
4	100	9 1/2	238



Spring Length Chart for SST Spring Tensioner

BLADE WIDTH	WHITE SPRING	SILVER SPRING	BLACK SPRING
18"	3 3/8"	4"	N/A
24"	3 1/8"	3 7/8"	N/A
30"	2 7/8"	3 3/4"	N/A
36"	N/A	3 3/4"	3 7/8"
42"	N/A	3 5/8"	3 3/4"
48"	N/A	3 1/2"	3 5/8"
54"	N/A	3 3/8"	3 5/8"
60"	N/A	3 1/4"	3 1/2"
72"	N/A	N/A	3 3/8"
84"	N/A	N/A	3 1/8"

Shading indicates preferred spring option



PAT Pressure Chart

BLADE WIDTH	BLADES	PSI
18"	3	15#
24"	4	19#
30"	5	23#
36"	6	27#
42"	7	31#
48"	8	35#
54"	9	39#
60"	10	43#
72"	12	51#
84"	14	59#

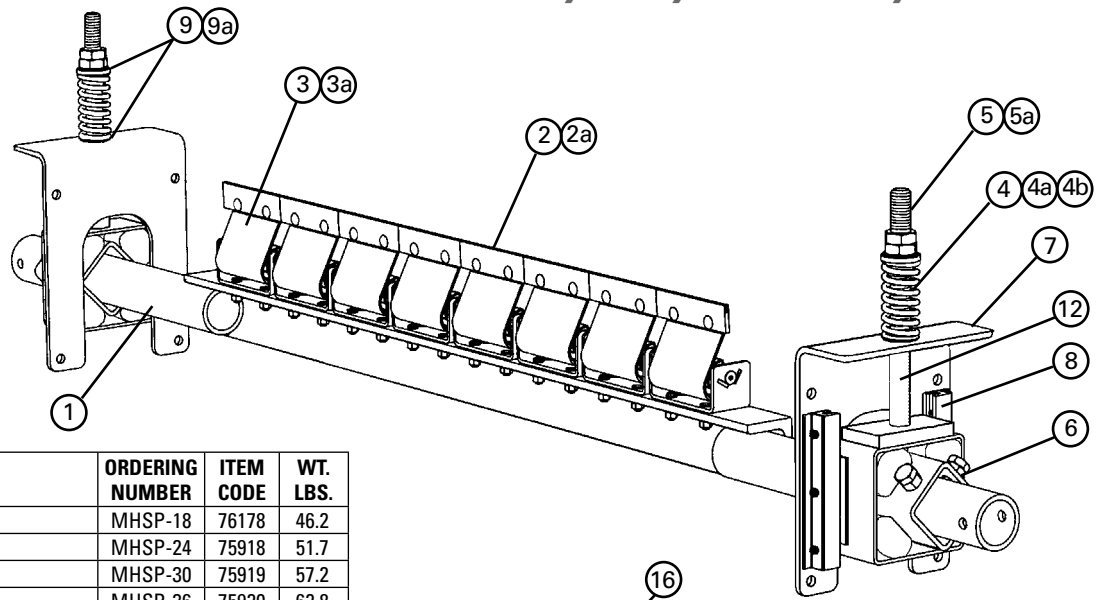
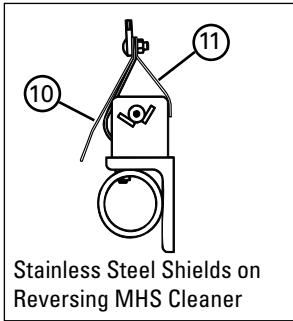
Specifications:

- Maximum Belt Speed 1200 FPM (6M/sec)
- Temperature Rating -30°F to 180°F (-35°C to 82°C)
- Usable Blade Wear Length 3/8" (9mm)
- Blade Materials..... C-Tip: Impact Resistant Tungsten Carbide (works with mechanical fasteners)
V-Tip: Long Life Tungsten Carbide (for vulcanized belts only)
- Available for Belt Widths..... 18" to 84" (450 to 2100 mm).
Other sizes available upon request.

U.S. Patent No. 6,823,983; 7,093,706

Replacement Parts List

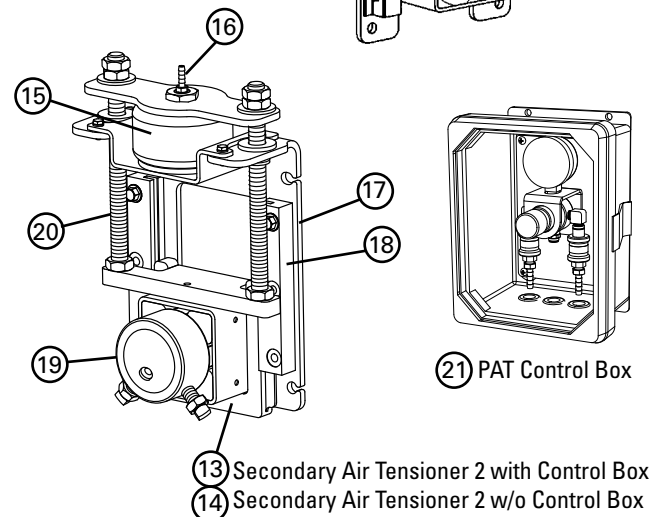
MHS Heavy Duty Secondary Cleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	MHSP-18	76178	46.2
	24" (600mm) Pole	MHSP-24	75918	51.7
	30" (750mm) Pole	MHSP-30	75919	57.2
	36" (900mm) Pole	MHSP-36	75920	62.8
	42" (1050mm) Pole	MHSP-42	75921	68.3
	48" (1200mm) Pole	MHSP-48	75922	73.9
	54" (1350mm) Pole	MHSP-54	75923	79.4
	60" (1500mm) Pole	MHSP-60	75924	85.0
	72" (1800mm) Pole	MHSP-72	75925	96.1
84" (2100mm) Pole	MHSP-84	76814	112.1	
2	C-Tip*	ICT6	74535	0.7
2a	V-Tip* (for vulcanized belts only)	RSA150	73628	1.3
3	PowerFlex™ Cushion* (complete)	PFC	75927	4.2
3a	PowerFlex Cushion* (complete)	PFC-SS	76560	4.2
4	Tension Spring - White (1 ea.) for belts 18" - 30" (450-750mm)	STS-W	75846	0.5
4a	Tension Spring - Silver (1 ea.) for belts 36" - 60" (900-1500mm)	STS-S	75843	0.8
4b	Tension Spring - Black (1 ea.) for belts 72" - 84" (1800-2100mm)	STS-B	75844	1.0
5	Adjusting Rod Kit* (includes 1 rod, 2 nuts, 1 bushing, 1 washer) for belts 18" - 60" (450-1500mm)	STAK	75847	2.9
5a	HD Adjusting Rod Kit* (includes 1 rod, 2 nuts, 1 HD bushing, 1 washer) for belts 72" - 84" (1800-2100mm)	STAKHD	75892	3.0
6	HD Torsion Pole Mount* (1 ea.)	STHDPM	75848	11.1
7	HD Mounting Base Kit* (includes 1 mounting base & 2 slide guides)	STHDMK	75850	11.6
8	Slide Guide Kit* (includes 2 slide guides)	STGK	75851	0.7
9	SST Bushing Kit - White (includes 2 bushings) For white springs and silver springs	SSTBK-W	76636	0.1
9a	SST Bushing Kit - Black (includes 2 bushings) For black springs	SSTBK-B	76637	0.1
10	P Stainless Steel Shield	PSSS	74773	0.5
11	PowerFlex™ Reverse Shield	PFRS	76622	0.4
12	SST Tensioner Bushing Update Kit (includes 2 lower bushings, 2 sleeves, 2 nuts)	SST-BUK	76943	0.3
-	HD Spring Tensioner* - White (includes 2 each items 4, 5, 6, 7 & 9) for belts 18" - 30" (450-750mm)	SSTHD-W	75842	52.1
-	HD Spring Tensioner* - Silver (includes 2 each items 4a, 5, 6, 7 & 9) for belts 36" - 60" (900-1500mm)	SSTHD-S	75839	52.8
-	HD Spring Tensioner* - Black (includes 2 each items 4b, 5a, 6, 7 & 9a) for belts 72" - 84" (1800-2100mm)	SSTHD-B	75840	53.2

*Hardware Included
Lead time: 1 working day



Secondary Air Tensioner 2 Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
13	SAT2 w/PAT Control Box	SAT2PAT	78735	43.5
14	SAT2 w/o Control Box	SAT2NCB	78703	41.0
15	SAT Air/Water Bag Kit	SATB	76083	5.1
16	SAT 1/8" Hose Barb Kit	SATHB	76084	0.1
17	SAT2 Mounting Base Kit	SAT2MK	78704	11.6
18	ST Slide Guide Kit	STGK2	77867	1.1
19	SAT2 Torsion Pole Mount	SAT2PM	78732	11.1
20	SAT2 Adjusting Rod Kit	SAT2AK	78733	5.0
21	PAT Control Box	PACB	78683	11.0

Lead time: 1 working day

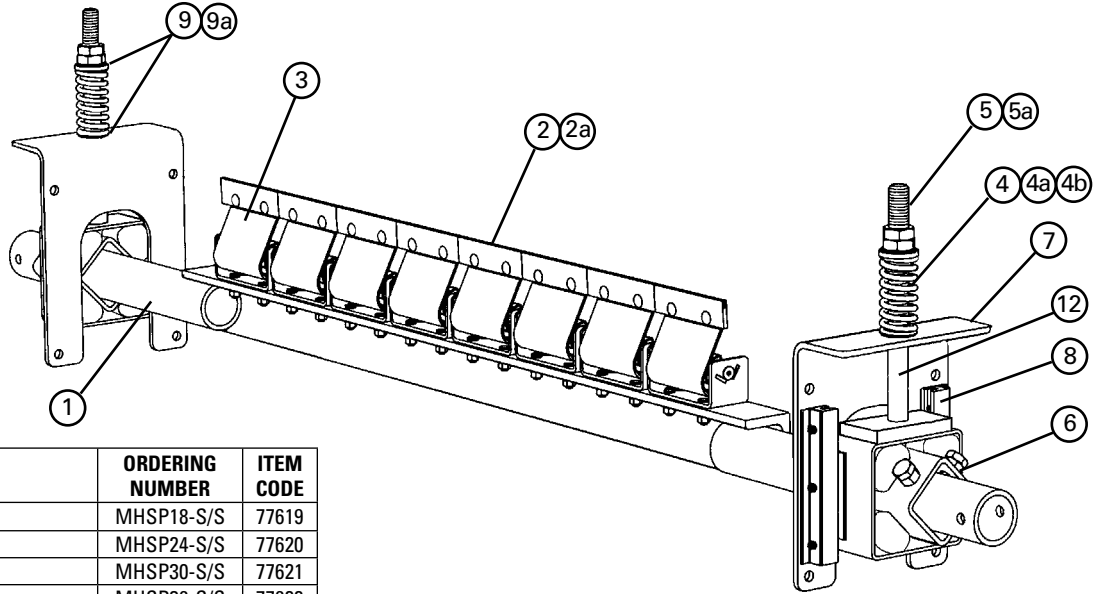
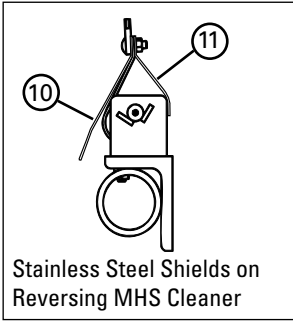
Spring Tensioner Selection Chart

CLEANER SIZE	75842	75839	75840
	SSTHD-W	SSTHD-S	SSTHD-B
MHS 18" - 30" (450 - 750mm)	X		
MHS 36" - 60" (900 - 1500mm)		X	
MHS 72" - 84" (1800 - 2100mm)			X

U.S. Patent No. 6,823,983; 7,093,706

Replacement Parts List

Stainless Steel MHS Heavy Duty Secondary Cleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE
1	18" (450mm) SS Pole	MHSP18-S/S	77619
	24" (600mm) SS Pole	MHSP24-S/S	77620
	30" (750mm) SS Pole	MHSP30-S/S	77621
	36" (900mm) SS Pole	MHSP36-S/S	77622
	42" (1050mm) SS Pole	MHSP42-S/S	77623
	48" (1200mm) SS Pole	MHSP48-S/S	77624
	54" (1350mm) SS Pole	MHSP54-S/S	77625
	60" (1500mm) SS Pole	MHSP60-S/S	77626
	72" (1800mm) SS Pole	MHSP72-S/S	77627
84" (2100mm) SS Pole	MHSP84-S/S	77628	
2	C-Tip*	ICT6	74535
2a	V-Tip* (for vulcanized belts only)	RSA150	73628
3	PowerFlex Cushion* (complete)	PFC-SS	76560
4	Tension Spring - White (1 ea.) for belts 18" - 30" (450-750mm)	STS-W-S/S	77630
4a	Tension Spring - Silver (1 ea.) for belts 36" - 60" (900-1500mm)	STS-S-S/S	77631
4b	Tension Spring - Black (1 ea.) for belts 72" - 84" (1800-2100mm)	STS-B-S/S	77632
5	Adjusting Rod Kit* (includes 1 rod, 2 nuts, 1 bushing, 1 washer) for belts 18" - 60" (450-1500mm)	STAK	75847
5a	HD Adjusting Rod Kit* (includes 1 rod, 2 nuts, 1 HD bushing, 1 washer) for belts 72" - 84" (1800-2100mm)	STAKHD	75892
6	SS Torsion Mounting Kit* (1 ea.)	STHDPM2-S/S	77633
7	SS Mounting Base Kit* (includes 1 mounting base & 2 slide guides)	STHDMK2-S/S	77634
8	SS Base Mounting Kit* (includes 2 slide guides)	STGK2-S/S	77635
9	SST Bushing Kit - White (includes 2 bushings) For white springs and silver springs	SSTBK-W	76636
9a	SST Bushing Kit - Black (includes 2 bushings) For black springs	SSTBK-B	76637
10	P Stainless Steel Shield	PSSS	74773
11	PowerFlex™ Reverse Shield	PFRS	76622
12	SS Bushing Update Kit (includes 2 ea. lower bushings, sleeves, nuts)	SST-BUK-S/S	77636
-	SS Spring Tensioner* - White (includes 2 each items 4, 5, 6, 7 & 9) for belts 18" - 30" (450-750mm)	SST2HD-W-S/S	77637
-	SS Spring Tensioner* - Silver (includes 2 each items 4a, 5, 6, 7 & 9) for belts 36" - 60" (900-1500mm)	SST2HD-S-S/S	77638
-	SS Spring Tensioner* - Black (includes 2 each items 4b, 5a, 6, 7 & 9a) for belts 72" - 84" (1800-2100mm)	SST2HD-B-S/S	77639

*Hardware Included
Lead time: 1 working day

Shaded items are made to order.
Lead time: 3 weeks

U.S. Patent No. 6,823,983; 7,093,706

Product Ordering Information

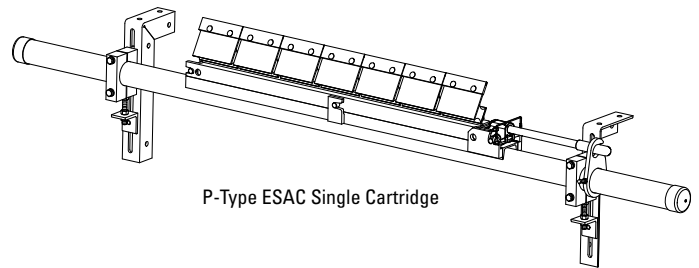
P-Type® ESAC Secondary Cleaner with Enhanced Service Advantage Cartridge

P-Type ESAC Secondary with C-Tips

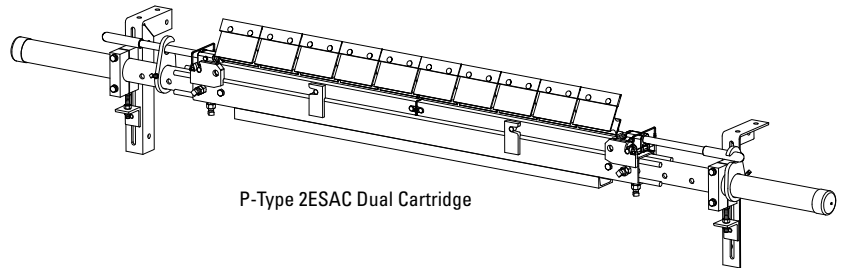
CLEANER COMPLETE				
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	PC24-ESAC	77955	137.4
30	750	PC30-ESAC	77956	150.8
36	900	PC36-ESAC	77957	164.0
42	1050	PC42-ESAC	77958	177.3
48	1200	PC48-ESAC	77959	190.5
54	1350	PC54-ESAC	77960	203.9
60	1500	PC60-ESAC	77961	217.2
72	1800	PC72-ESAC	77962	243.8
60	1500	PC60-2ESAC	77963	303.7
72	1800	PC72-2ESAC	77964	330.8
84	2100	PC84-2ESAC	77965	358.2
96	2400	PC96-2ESAC	77966	385.2
120	3000	PC120-2ESAC	77967	443.8

Lead time: 1 working day

■ Made to order - Lead time: 15 working days



P-Type ESAC Single Cartridge



P-Type 2ESAC Dual Cartridge

P-Type ESAC Secondary with V-Tips*

CLEANER COMPLETE				
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	PV24-ESAC	77981	137.4
30	750	PV30-ESAC	77982	150.8
36	900	PV36-ESAC	77983	164.0
42	1050	PV42-ESAC	77984	177.3
48	1200	PV48-ESAC	77985	190.5
54	1350	PV54-ESAC	77986	203.9
60	1500	PV60-ESAC	77987	217.2
72	1800	PV72-ESAC	77988	243.8
60	1500	PV60-2ESAC	77989	303.7
72	1800	PV72-2ESAC	77990	330.8
84	2100	PV84-2ESAC	77991	358.2
96	2400	PV96-2ESAC	77992	385.2
120	3000	PV120-2ESAC	77993	443.8

*NOTE: V-Tips can be used ONLY on vulcanized belts.
Lead time: 1 working day

■ Made to order - Lead time: 15 working days

Replacement Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7
PSA150	73156	1.0

Lead time: 1 working day

Tips Required Per Cleaner Size

in.	24	30	36	42	48	54	60	72	84	96	120
mm	600	750	900	1050	1200	1350	1500	1800	2100	2400	3000
C-Tips or V-Tips Required	4	5	6	7	8	9	10	12	14	16	20

Product Notes:

- Patent-pending Enhanced Service Advantage Cartridge™ allows for easy removal in even the dirtiest conditions.
- Pole Length: Belt width plus 54" (single cartridge cleaners); Belt width plus 60" (dual cartridge cleaners).
- Tips are set at a non-aggressive 70° angle to give quick relief for passing mechanical splices.
- C-Tips are for mechanically fastened or vulcanized belts. V-Tips are for vulcanized belts only.
- Tensioner mounting brackets included for fast and easy installation.
- Cartridge Removal Kit included for easy removal of the cartridge.

Patent Pending

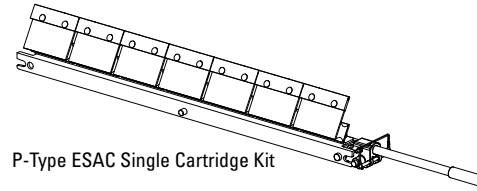
Product Ordering Information

P-Type® ESAC Secondary Cleaner Replacement Cartridge Kits

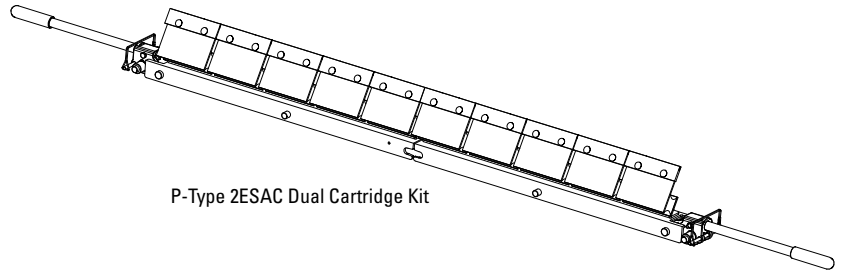
P-Type ESAC Cartridge Kits with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	P-CARK-C24/600	78072	25.2
30	750	P-CARK-C30/750	78073	30.0
36	900	P-CARK-C36/900	78074	34.7
42	1050	P-CARK-C42/1050	78075	39.5
48	1200	P-CARK-C48/1200	78076	44.1
54	1350	P-CARK-C54/1350	78077	48.9
60	1500	P-CARK-C60/1500	78078	53.7
72	1800	P-CARK-C72/1800	78079	63.2
60	1500	P-CARK2-C60/1500	78088	87.5
72	1800	P-CARK2-C72/1800	78089	102.2
84	2100	P-CARK2-C84/2100	78090	117.3
96	2400	P-CARK2-C96/2400	78091	132.1
120	3000	P-CARK2-C120/3000	78092	162.3

Lead time: 1 working day



P-Type ESAC Single Cartridge Kit



P-Type 2ESAC Dual Cartridge Kit

P-Type ESAC Cartridge Kits with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	P-CARK-V24/600	78080	25.2
30	750	P-CARK-V30/750	78081	30.0
36	900	P-CARK-V36/900	78082	34.7
42	1050	P-CARK-V42/1050	78083	39.5
48	1200	P-CARK-V48/1200	78084	44.1
54	1350	P-CARK-V54/1350	78085	48.9
60	1500	P-CARK-V60/1500	78086	53.7
72	1800	P-CARK-V72/1800	78087	63.2
60	1500	P-CARK2-V60/1500	78093	87.5
72	1800	P-CARK2-V72/1800	78094	102.2
84	2100	P-CARK2-V84/2100	78095	117.3
96	2400	P-CARK2-V96/2400	78096	132.1
120	3000	P-CARK2-V120/3000	78097	162.3

*NOTE: V-Tips can be used ONLY on vulcanized belts.

Lead time: 1 working day

■ Made to order - Lead time: 15 working days

Patent Pending

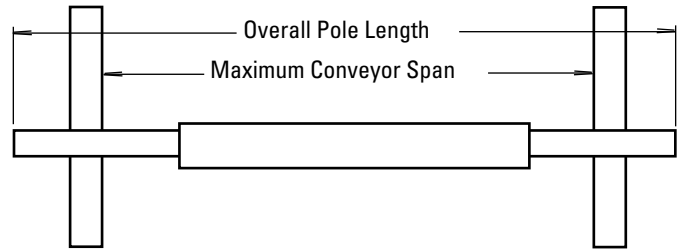
Specifications & Guidelines

P-Type® ESAC Secondary Cleaner with Enhanced Service Advantage Cartridge

Pole Length Specifications*

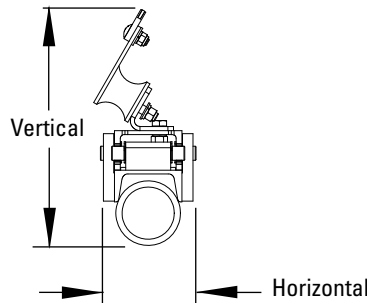
VERSION	CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
	in.	mm	in.	mm	in.	mm	in.	mm
Single	24	600	24	600	78	1950	66	1650
	30	750	30	750	84	2100	72	1800
	36	900	36	900	90	2250	78	1950
	42	1050	42	1050	96	2400	84	2100
	48	1200	48	1200	102	2550	90	2250
	54	1350	54	1350	108	2700	96	2400
	60	1500	60	1500	114	2850	102	2550
Dual	72	1800	72	1800	126	3150	114	2850
	60	1500	60	1500	120	3000	108	2700
	72	1800	72	1800	132	3300	120	3000
	84	2100	84	2100	144	3600	132	3300
	96	2400	96	2400	156	3900	144	3600
	120	3000	120	3000	180	4500	168	4200

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. Pole Diameter - 2-7/8" (73mm)



Clearance Guidelines for Installation

VERSION	HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	in.	mm	in.	mm
Single	4-1/2	114	10-1/2	267
Dual	4-1/2	114	12-1/4	311



Aluminum Content

ALUMINUM ALLOY TYPE	PERCENT	
	Mg Magnesium	Ti Titanium
6061	1.0%	0.0%

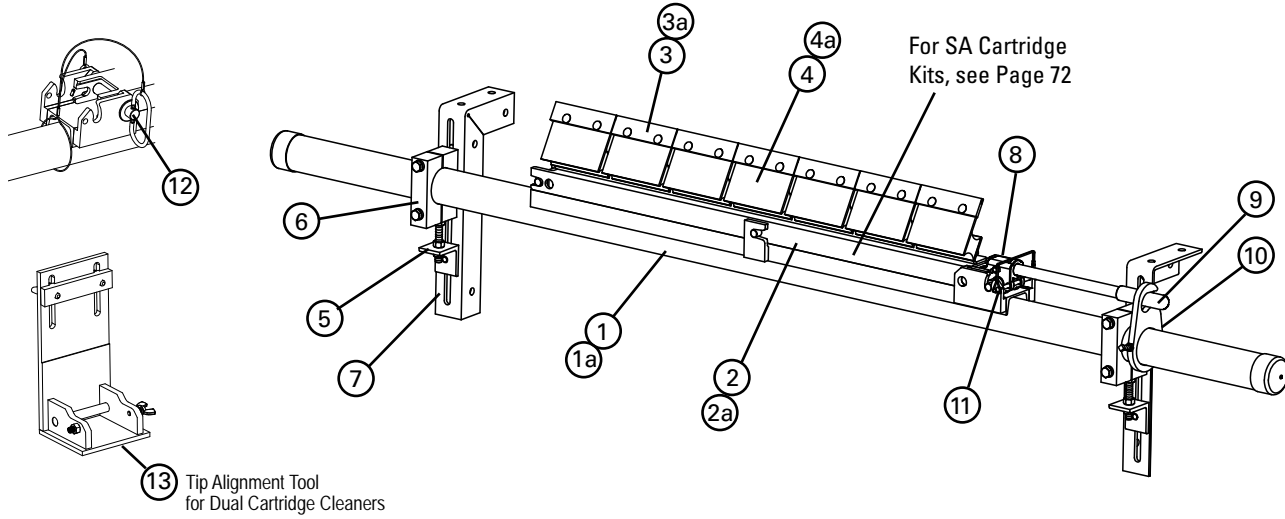
Specifications:

- Maximum Belt Speed 1000 FPM (5M/sec)
- Temperature Rating -30°F to 180°F (-35°C to 82°C)
- Usable Blade Wear Length 3/8" (9mm)
- Blade Materials..... C-Tip: Impact Resistant Tungsten Carbide (works with mechanical fasteners)
V-Tip: Long Life Tungsten Carbide (for vulcanized belts only)
- Available for Belt Widths..... 24" to 120" (600 to 3000 mm). Other sizes available upon request.

Patent Pending

Replacement Parts List

P-Type® ESAC Secondary Cleaner with Enhanced Service Advantage Cartridge



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	ESAC Cartridge Pole 24"	SACPL-24/600	77887	65.4
	ESAC Cartridge Pole 30"	SACPL-30/750	77888	71.2
	ESAC Cartridge Pole 36"	SACPL-36/900	77889	77.1
	ESAC Cartridge Pole 42"	SACPL-42/1050	77890	82.9
	ESAC Cartridge Pole 48"	SACPL-48/1200	77891	88.8
	ESAC Cartridge Pole 54"	SACPL-54/1350	77892	94.6
	ESAC Cartridge Pole 60"	SACPL-60/1500	77893	100.5
	ESAC Cartridge Pole 72"	SACPL-72/1800	77894	112.2
	ESAC Cartridge Center Pole 60" (Dual)	SACPL2-60/1500	77895	77.3
	ESAC Cartridge Center Pole 72" (Dual)	SACPL2-72/1800	77896	89.5
	ESAC Cartridge Center Pole 84" (Dual)	SACPL2-84/2100	77897	101.8
	ESAC Cartridge Center Pole 96" (Dual)	SACPL2-96/2400	77898	114.1
	ESAC Cartridge Center Pole 120" (Dual)	SACPL2-120/3000	77899	142.3
	1a	Extender Pole (for use with Dual Cartridge Center Pole)	MHP-EP	76392
2	ESAC Cartridge 24"	CART-24/600	77900	3.5
	ESAC Cartridge 30"	CART-30/750	77901	4.3
	ESAC Cartridge 36"	CART-36/900	77902	5.1
	ESAC Cartridge 42"	CART-42/1050	77903	5.9
	ESAC Cartridge 48"	CART-48/1200	77904	6.7
	ESAC Cartridge 54"	CART-54/1350	77905	7.4
	ESAC Cartridge 60"	CART-60/1500	77906	8.4
	ESAC Cartridge 72"	CART-72/1800	77907	10.0
	ESAC Cartridge 60" (Dual)	CART2-60/1500	77908	8.6
	ESAC Cartridge 72" (Dual)	CART2-72/1800	77909	10.2
	ESAC Cartridge 84" (Dual)	CART2-84/2100	77910	11.7
	ESAC Cartridge 96" (Dual)	CART2-96/2400	77911	13.3
ESAC Cartridge 120" (Dual)	CART2-120/3000	77912	16.8	
2a	ESAC Cartridge P-Type Adapter Plate 24"	PCAP-24/600	77913	4.7
	ESAC Cartridge P-Type Adapter Plate 30" §	PCAP-30/750	77914	6.1
	ESAC Cartridge P-Type Adapter Plate 36" §	PCAP-36/900	77915	7.2
	ESAC Cartridge P-Type Adapter Plate 42" §	PCAP-42/1050	77916	8.6
	ESAC Cartridge P-Type Adapter Plate 48" §	PCAP-48/1200	77917	9.8
	ESAC Cartridge P-Type Adapter Plate 54"	PCAP-54/1350	77918	11.1
	ESAC Cartridge P-Type Adapter Plate 60" §	PCAP-60/1500	77919	12.3
ESAC Cartridge P-Type Adapter Plate 72"	PCAP-72/1800	77920	14.8	

§ If using a dual cartridge, please take the cleaner size and divide by two. That dimension is the size of the brackets needed for conversion to a P-Type cleaner.

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
3	C-Tip*	ICT6	74535	0.7
3a	P V-Tip* (for vulcanized belts only)	PSA150	73156	1.0
4	P2 C-Tip Cushion*	PHA	73626	2.0
4a	P Cushion SS Neoprene* (oil resistant)	PSSC	77045	3.5
4b	P Cushion Neoprene* (oil resistant)	PNC	74984	3.5
5	Adjusting Bracket Kit* (1 ea.)	EZS2ABK	75664	2.0
6	HD Pole Clamp Kit* (1 ea) for all sizes	EZS2HDPCCK	75769	11.4
7	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	13.0
-	HD Mounting Kit* for all sizes (incl. 2 ea. items 6 & 7 and 1 ea. item 8)	EZS2HDMK	75770	31.9
8	ESAC Removal Knuckle	SACRKN	77882	3.2
9	ESAC Removal Handle	SACRH	77883	3.0
10	ESAC Handle Lock Plate	SACRHL	77884	1.7
11	Knuckle Retainer Pin	SACKRP	77885	0.2
12	SAC Hitch Pin	SACHP2	77768	0.9
-	ESAC Removal Kit (includes 1 ea. item 10, 11, 12, 13, 14)	SACRKT	77886	9.0
13	ESAC Cartridge Tip Alignment Tool (Dual)	SAC2-TIP-TL	77866	2.5

*Hardware Included

Lead Time: 1 working day

■ Made to order - Lead time: 15 working days

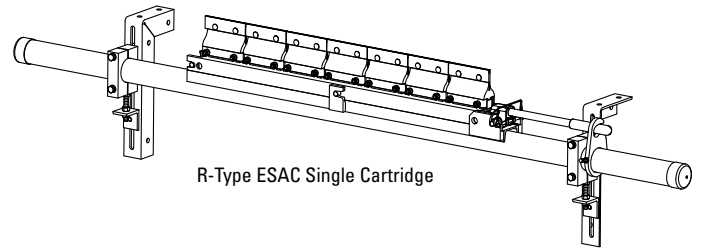
Product Ordering Information

R-Type® ESAC Secondary Cleaner with Enhanced Service Advantage Cartridge

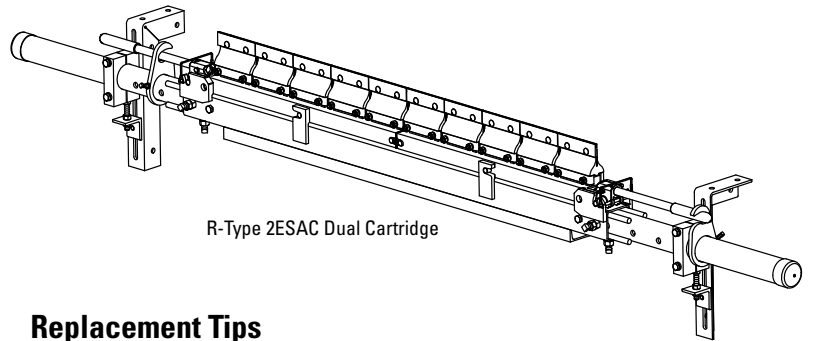
R-Type ESAC Secondary with C-Tips

CLEANER COMPLETE				
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	RC24-ESAC	77968	133.7
30	750	RC30-ESAC	77969	146.0
36	900	RC36-ESAC	77970	158.4
42	1050	RC42-ESAC	77971	170.7
48	1200	RC48-ESAC	77972	183.0
54	1350	RC54-ESAC	77973	195.3
60	1500	RC60-ESAC	77974	207.8
72	1800	RC72-ESAC	77975	232.4
60	1500	RC60-2ESAC	77976	237.0
72	1800	RC72-2ESAC	77977	259.4
84	2100	RC84-2ESAC	77978	281.8
96	2400	RC96-2ESAC	77979	304.2
120	3000	RC120-2ESAC	77980	354.0

Lead time: 1 working day



R-Type ESAC Single Cartridge



R-Type 2ESAC Dual Cartridge

R-Type ESAC Secondary with V-Tips*

CLEANER COMPLETE				
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	RV24-ESAC	77994	133.7
30	750	RV30-ESAC	77995	146.0
36	900	RV36-ESAC	77996	158.4
42	1050	RV42-ESAC	77997	170.7
48	1200	RV48-ESAC	77998	183.0
54	1350	RV54-ESAC	77999	195.3
60	1500	RV60-ESAC	78000	207.8
72	1800	RV72-ESAC	78001	232.4
60	1500	RV60-2ESAC	78002	237.0
72	1800	RV72-2ESAC	78003	259.4
84	2100	RV84-2ESAC	78004	281.8
96	2400	RV96-2ESAC	78005	304.2
120	3000	RV120-2ESAC	78006	354.0

*NOTE: V-Tips can be used ONLY on vulcanized belts.
Lead time: 1 working day

Replacement Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7
RSA150	73628	1.3

Lead time: 1 working day

Tips Required Per Cleaner Size

in.	24	30	36	42	48	54	60	72	84	96	120
mm	600	750	900	1050	1200	1350	1500	1800	2100	2400	3000
C-Tips or V-Tips Required	4	5	6	7	8	9	10	12	14	16	20

■ Made to order - Lead time: 15 working days

Product Notes:

- Patent-pending Enhanced Service Advantage Cartridge™ allows for easy removal in even the dirtiest conditions.
- Pole Length: Belt width plus 54" (single cartridge cleaners); Belt width plus 60" (dual cartridge cleaners).
- Two-way cushions allow cleaning in both directions.
- C-Tips are for mechanically fastened or vulcanized belts. V-Tips are for vulcanized belts only.
- Tensioner mounting brackets included for fast and easy installation.
- Cartridge Removal Kit included for easy removal of the cartridge.

Patent Pending

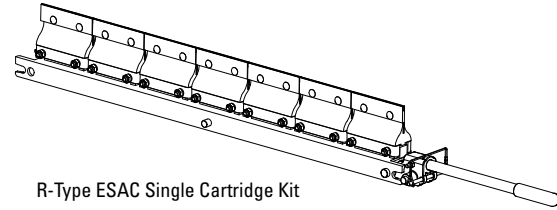
Product Ordering Information

R-Type® ESAC Secondary Cleaner Replacement Cartridge Kits

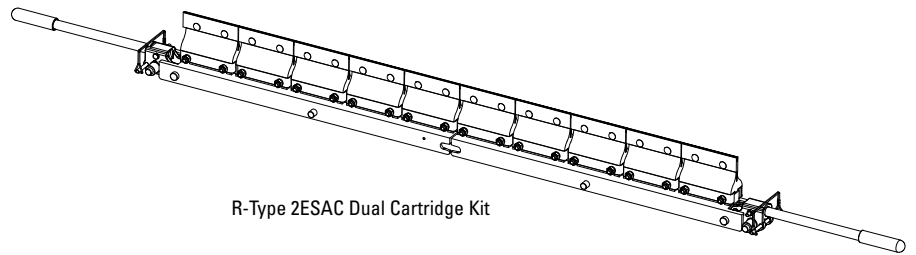
R-Type ESAC Cartridge Kits with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	R-CARK-C24/600	78098	27.1
30	750	R-CARK-C30/750	78099	32.3
36	900	R-CARK-C36/900	78100	36.4
42	1050	R-CARK-C42/1050	78101	42.6
48	1200	R-CARK-C48/1200	78102	47.7
54	1350	R-CARK-C54/1350	78103	52.9
60	1500	R-CARK-C60/1500	78104	58.2
72	1800	R-CARK-C72/1800	78105	68.5
60	1500	R-CARK2-C60/1500	78114	69.6
72	1800	R-CARK2-C72/1800	78115	74.8
84	2100	R-CARK2-C84/2100	78116	85.2
96	2400	R-CARK2-C96/2400	78117	95.5
120	3000	R-CARK2-C120/3000	78118	116.5

Lead time: 1 working day



R-Type ESAC Single Cartridge Kit



R-Type 2ESAC Dual Cartridge Kit

R-Type ESAC Cartridge Kits with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	R-CARK-V24/600	78106	27.1
30	750	R-CARK-V30/750	78107	32.3
36	900	R-CARK-V36/900	78108	36.4
42	1050	R-CARK-V42/1050	78109	42.6
48	1200	R-CARK-V48/1200	78110	47.7
54	1350	R-CARK-V54/1350	78111	52.9
60	1500	R-CARK-V60/1500	78112	58.2
72	1800	R-CARK-V72/1800	78113	68.5
60	1500	R-CARK2-V60/1500	78119	69.6
72	1800	R-CARK2-V72/1800	78120	74.8
84	2100	R-CARK2-V84/2100	78121	85.2
96	2400	R-CARK2-V96/2400	78122	95.5
120	3000	R-CARK2-V120/3000	78123	116.5

*NOTE: V-Tips can be used ONLY on vulcanized belts.

Lead time: 1 working day

■ Made to order - Lead time: 15 working days

Patent Pending

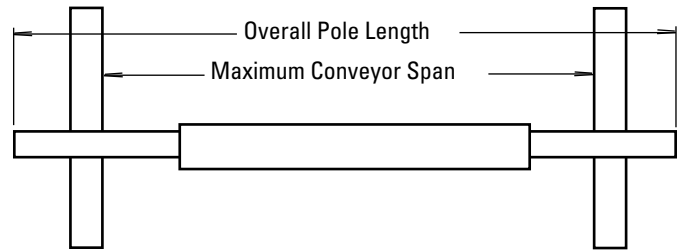
Specifications & Guidelines

R-Type® ESAC Secondary Cleaner with Enhanced Service Advantage Cartridge

Pole Length Specifications*

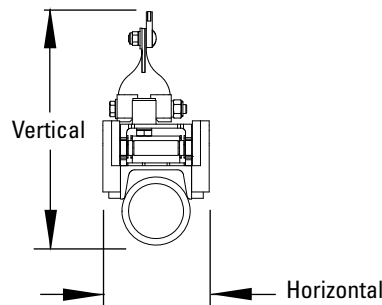
VERSION	CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
	in.	mm	in.	mm	in.	mm	in.	mm
Single	24	600	24	600	78	1950	66	1650
	30	750	30	750	84	2100	72	1800
	36	900	36	900	90	2250	78	1950
	42	1050	42	1050	96	2400	84	2100
	48	1200	48	1200	102	2550	90	2250
	54	1350	54	1350	108	2700	96	2400
	60	1500	60	1500	114	2850	102	2550
Dual	72	1800	72	1800	126	3150	114	2850
	60	1500	60	1500	120	3000	108	2700
	72	1800	72	1800	132	3300	120	3000
	84	2100	84	2100	144	3600	132	3300
	96	2400	96	2400	156	3900	144	3600
	120	3000	120	3000	180	4500	168	4200

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. Pole Diameter - 2-7/8" (73mm)



Clearance Guidelines for Installation

VERSION	HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	in.	mm	in.	mm
Single	4-1/2	114	10	254
Dual	4-1/2	114	11-3/4	298



Aluminum Content

ALUMINUM ALLOY TYPE	PERCENT	
	Mg Magnesium	Ti Titanium
6061	1.0%	0.0%

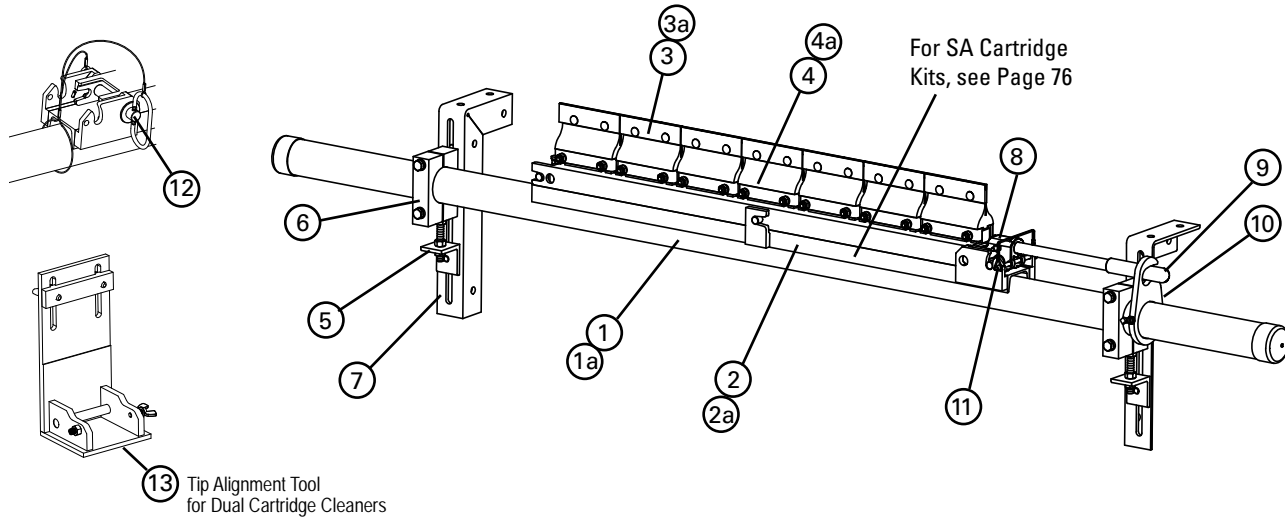
Specifications:

- Maximum Belt Speed1000 FPM (5M/sec)
- Temperature Rating-30°F to 180°F (-35°C to 82°C)
- Usable Blade Wear Length3/8" (9mm)
- Blade Materials.....C-Tip: Impact Resistant Tungsten Carbide (works with mechanical fasteners)
V-Tip: Long Life Tungsten Carbide (for vulcanized belts only)
- Available for Belt Widths.....24" to 120" (600 to 3000 mm). Other sizes available upon request.

Patent Pending

Replacement Parts List

R-Type® ESAC
Secondary Cleaner
with Enhanced Service Advantage Cartridge



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	ESAC Cartridge Pole 24"	SACPL-24/600	77887	65.4
	ESAC Cartridge Pole 30"	SACPL-30/750	77888	71.2
	ESAC Cartridge Pole 36"	SACPL-36/900	77889	77.1
	ESAC Cartridge Pole 42"	SACPL-42/1050	77890	82.9
	ESAC Cartridge Pole 48"	SACPL-48/1200	77891	88.8
	ESAC Cartridge Pole 54"	SACPL-54/1350	77892	94.6
	ESAC Cartridge Pole 60"	SACPL-60/1500	77893	100.5
	ESAC Cartridge Pole 72"	SACPL-72/1800	77894	112.2
	ESAC Cartridge Center Pole 60" (Dual)	SACPL2-60/1500	77895	77.3
	ESAC Cartridge Center Pole 72" (Dual)	SACPL2-72/1800	77896	89.5
	ESAC Cartridge Center Pole 84" (Dual)	SACPL2-84/2100	77897	101.8
	ESAC Cartridge Center Pole 96" (Dual)	SACPL2-96/2400	77898	114.1
	ESAC Cartridge Center Pole 120" (Dual)	SACPL2-120/3000	77899	142.3
	1a	Extender Pole (for use with Dual Cartridge Center Pole)	MHP-EP	76392
2	ESAC Cartridge 24"	CART-24/600	77900	3.5
	ESAC Cartridge 30"	CART-30/750	77901	4.3
	ESAC Cartridge 36"	CART-36/900	77902	5.1
	ESAC Cartridge 42"	CART-42/1050	77903	5.9
	ESAC Cartridge 48"	CART-48/1200	77904	6.7
	ESAC Cartridge 54"	CART-54/1350	77905	7.4
	ESAC Cartridge 60"	CART-60/1500	77906	8.4
	ESAC Cartridge 72"	CART-72/1800	77907	10.0
	ESAC Cartridge 60" (Dual)	CART2-60/1500	77908	8.6
	ESAC Cartridge 72" (Dual)	CART2-72/1800	77909	10.2
	ESAC Cartridge 84" (Dual)	CART2-84/2100	77910	11.7
	ESAC Cartridge 96" (Dual)	CART2-96/2400	77911	13.3
	ESAC Cartridge 120" (Dual)	CART2-120/3000	77912	16.8
	2a	ESAC Cartridge R-Type Adapter Plate 24"	RCAP-24/600	77921
ESAC Cartridge R-Type Adapter Plate 30" §		RCAP-30/750	77922	7.9
ESAC Cartridge R-Type Adapter Plate 36" §		RCAP-36/900	77923	9.4
ESAC Cartridge R-Type Adapter Plate 42" §		RCAP-42/1050	77924	11.1
ESAC Cartridge R-Type Adapter Plate 48" §		RCAP-48/1200	77925	12.6
ESAC Cartridge R-Type Adapter Plate 54"		RCAP-54/1350	77926	14.2
ESAC Cartridge R-Type Adapter Plate 60" §		RCAP-60/1500	77927	15.8
ESAC Cartridge R-Type Adapter Plate 72"		RCAP-72/1800	77928	19.0

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
3	C-Tip*	ICT6	74535	0.7
3a	R V-Tip* (for vulcanized belts only)	RSA150	73628	1.3
4	R2 C-Tip Cushion*	RSA	76249	2.0
4a	R-Type Cushion SS Neoprene* (oil resistant)	RSSC	77046	3.0
4b	R-Type Cushion Neoprene* (oil resistant)	RNC	74985	3.0
5	Adjusting Bracket Kit* (1 ea.)	EZS2ABK	75664	2.0
6	HD Pole Clamp Kit* (1 ea) for all sizes	EZS2HDPCCK	75769	11.4
7	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	13.0
-	HD Mounting Kit* for all sizes (incl. 2 ea. items 5 & 6 and 1 ea. item 7)	EZS2HDMK	75770	31.9
8	ESAC Removal Knuckle	SACRKN	77882	3.2
9	ESAC Removal Handle	SACRH	77883	3.0
10	ESAC Handle Lock Plate	SACRHL	77884	1.7
11	Knuckle Retainer Pin	SACKRP	77885	0.2
12	SAC Hitch Pin	SACHP2	77768	0.9
-	ESAC Removal Kit (includes 1 ea. item 9, 10, 11, 12, 13)	SACRKT	77886	9.0
13	ESAC Cartridge Tip Alignment Tool (Dual)	SAC2-TIP-TL	77866	2.5

*Hardware Included
 Lead Time: 1 working day

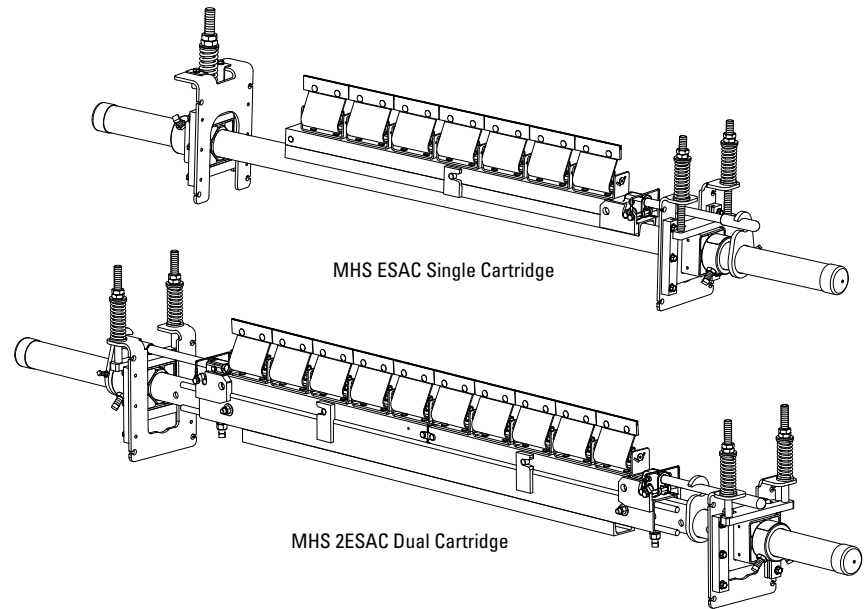
§ If using a dual cartridge, please take the cleaner size and divide by two. That dimension is the size of the brackets needed for conversion to a R-Type cleaner.

Product Ordering Information

MHS ESAC HD Secondary Cleaner with Enhanced Service Advantage Cartridge

MHS ESAC Secondary with C-Tips				
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHS-24-ESAC	77840	195.0
30	750	MHS-30-ESAC	77841	206.5
36	900	MHS-36-ESAC	77842	218.5
42	1050	MHS-42-ESAC	77843	230.1
48	1200	MHS-48-ESAC	77844	241.6
54	1350	MHS-54-ESAC	77845	253.2
60	1500	MHS-60-ESAC	77846	264.9
72	1800	MHS-72-ESAC	77847	288.4
60	1500	MHS-60-2ESAC	77848	309.1
72	1800	MHS-72-2ESAC	77849	332.9
84	2100	MHS-84-2ESAC	77850	356.6
96	2400	MHS-96-2ESAC	77851	381.1
120	3000	MHS-120-2ESAC	77852	432.5

Lead time: 1 working day



MHS ESAC Secondary with V-Tips				
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHS-24V-ESAC	77853	195.0
30	750	MHS-30V-ESAC	77854	206.5
36	900	MHS-36V-ESAC	77855	218.5
42	1050	MHS-42V-ESAC	77856	230.1
48	1200	MHS-48V-ESAC	77857	241.6
54	1350	MHS-54V-ESAC	77858	253.2
60	1500	MHS-60V-ESAC	77859	264.9
72	1800	MHS-72V-ESAC	77860	288.4
60	1500	MHS-60V-2ESAC	77861	309.1
72	1800	MHS-72V-2ESAC	77862	332.9
84	2100	MHS-84V-2ESAC	77863	356.6
96	2400	MHS-96V-2ESAC	77864	381.1
120	3000	MHS-120V-2ESAC	77865	432.5

*NOTE: V-Tips can be used ONLY on vulcanized belts.

Lead time: 1 working day

■ Made to order - Lead time: 15 working days

Replacement Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7
RSA150	73628	1.3

Lead time: 1 working day

Tips Required per Cleaner Size

in.	24	30	36	42	48	54	60	72	84	96	120
mm	600	750	900	1050	1200	1350	1500	1800	2100	2400	3000
C-Tips or V-Tips Required	4	5	6	7	8	9	10	12	14	16	20

Product Notes:

- Patent-pending Enhanced Service Advantage Cartridge™ allows for easy removal in even the dirtiest conditions.
- Heavy-duty design to deliver maximum cleaning efficiency on the most demanding, abusive beltlines.
- Pole Length: Belt width plus 54" (single cartridge cleaners); Belt width plus 60" (dual cartridge cleaners).
- Patented PowerFlex™ cushion design to maintain continuous blade-to-belt contact and quick relief from passing mechanical splices.
- C-Tips are for mechanically fastened or vulcanized belts. V-Tips are for vulcanized belts only.
- Visual Blade Tension Check: Measure the tension spring and refer to Spring Length Chart on mounting base for the correct length for best cleaning performance.
- Tensioner mounting brackets included for fast and easy installation.
- Cartridge Removal Kit included for easy removal of the cartridge.

Patent Pending

Product Ordering Information

MHS ESAC HD Secondary Cleaner Replacement Cartridge Kits

MHS ESAC Cartridge Kits with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHS-CARK-C24/600	77929	29.4
30	750	MHS-CARK-C30/750	77930	35.1
36	900	MHS-CARK-C36/900	77931	40.8
42	1050	MHS-CARK-C42/1050	77932	46.5
48	1200	MHS-CARK-C48/1200	77933	52.3
54	1350	MHS-CARK-C54/1350	77934	58.0
60	1500	MHS-CARK-C60/1500	77935	63.8
72	1800	MHS-CARK-C72/1800	77936	75.3
60	1500	MHS-CARK2-C60/1500	77945	70.2
72	1800	MHS-CARK2-C72/1800	77946	81.6
84	2100	MHS-CARK2-C84/2100	77947	93.1
96	2400	MHS-CARK2-C96/2400	77948	104.5
120	3000	MHS-CARK2-C120/3000	77949	127.7

Lead time: 1 working day

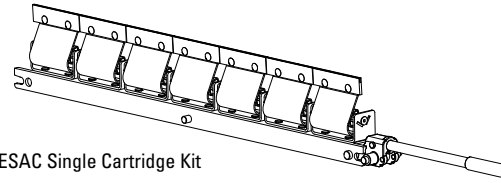
MHS ESAC Cartridge Kits with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHS-CARK-V24/600	77937	29.4
30	750	MHS-CARK-V30/750	77938	35.1
36	900	MHS-CARK-V36/900	77939	40.8
42	1050	MHS-CARK-V42/1050	77940	46.5
48	1200	MHS-CARK-V48/1200	77941	52.3
54	1350	MHS-CARK-V54/1350	77942	58.0
60	1500	MHS-CARK-V60/1500	77943	63.8
72	1800	MHS-CARK-V72/1800	77944	75.3
60	1500	MHS-CARK2-V60/1500	77950	70.2
72	1800	MHS-CARK2-V72/1800	77951	81.6
84	2100	MHS-CARK2-V84/2100	77952	93.1
96	2400	MHS-CARK2-V96/2400	77953	104.5
120	3000	MHS-CARK2-V120/3000	77954	127.7

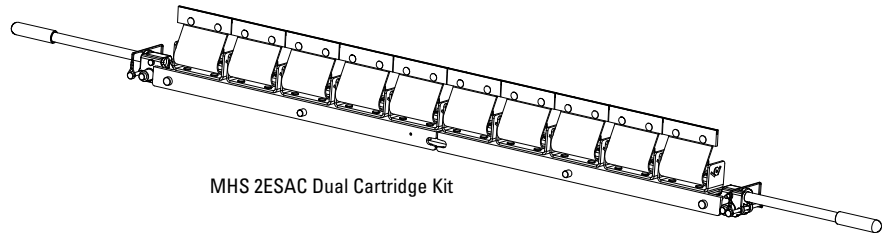
*NOTE: V-Tips can be used ONLY on vulcanized belts.

Lead time: 1 working day

■ Made to order - Lead time: 15 working days



MHS ESAC Single Cartridge Kit



MHS 2ESAC Dual Cartridge Kit

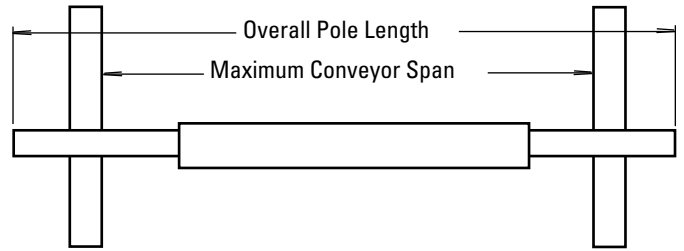
Patent Pending

Specifications & Guidelines

MHS ESAC HD Secondary Cleaner with Enhanced Service Advantage Cartridge

Pole Length Specifications*

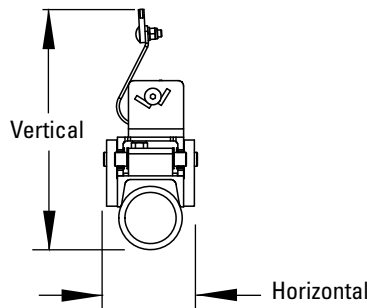
VERSION	CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
	in.	mm	in.	mm	in.	mm	in.	mm
Single	24	600	24	600	78	1950	66	1650
	30	750	30	750	84	2100	72	1800
	36	900	36	900	90	2250	78	1950
	42	1050	42	1050	96	2400	84	2100
	48	1200	48	1200	102	2550	90	2250
	54	1350	54	1350	108	2700	96	2400
	60	1500	60	1500	114	2850	102	2550
	72	1800	72	1800	126	3150	114	2850
Dual	60	1500	60	1500	120	3000	108	2700
	72	1800	72	1800	132	3300	120	3000
	84	2100	84	2100	144	3600	132	3300
	96	2400	96	2400	156	3900	144	3600
	120	3000	120	3000	180	4500	168	4200



*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. Pole Diameter - 2-7/8" (73mm)

Clearance Guidelines for Installation

VERSION	HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	in.	mm	in.	mm
Single	4-1/2	114	11	279
Dual	4-1/2	114	12-1/2	318



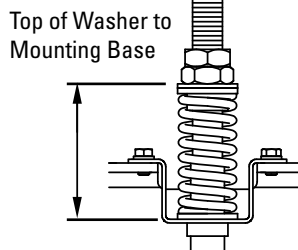
Aluminum Content

ALUMINUM ALLOY TYPE	PERCENT	
	Mg Magnesium	Ti Titanium
6061	1.0%	0.0%

Spring Length Chart for SST Spring Tensioner

BLADE WIDTH	WHITE SPRING	SILVER SPRING	BLACK SPRING
24"	3 1/8"	3 7/8"	N/A
30"	2 7/8"	3 3/4"	N/A
36"	N/A	3 3/4"	3 7/8"
42"	N/A	3 5/8"	3 3/4"
48"	N/A	3 1/2"	3 5/8"
54"	N/A	3 3/8"	3 5/8"
60"	N/A	3 1/4"	3 1/2"
72"	N/A	N/A	3 3/8"

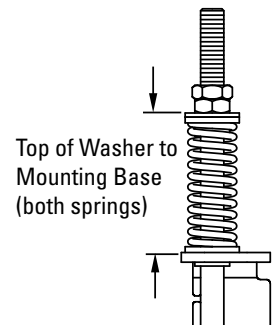
Shading indicates preferred spring option



Spring Length Chart for CST Spring Tensioner

BLADE WIDTH	WHITE SPRING	SILVER SPRING	BLACK SPRING	GOLD SPRING
24"	3 1/8"	3 7/8"	N/A	N/A
30"	2 7/8"	3 3/4"	N/A	N/A
36"	N/A	3 3/4"	3 7/8"	N/A
42"	N/A	3 5/8"	3 3/4"	N/A
48"	N/A	3 1/2"	3 5/8"	N/A
54"	N/A	3 3/8"	3 5/8"	N/A
60"	N/A	3 1/4"	3 1/2"	4"
72"	N/A	N/A	3 3/8"	4"
84"	N/A	N/A	3 1/8"	3 7/8"
96"	N/A	N/A	N/A	3 7/8"
120"	N/A	N/A	N/A	3 5/8"

Shading indicates preferred spring option



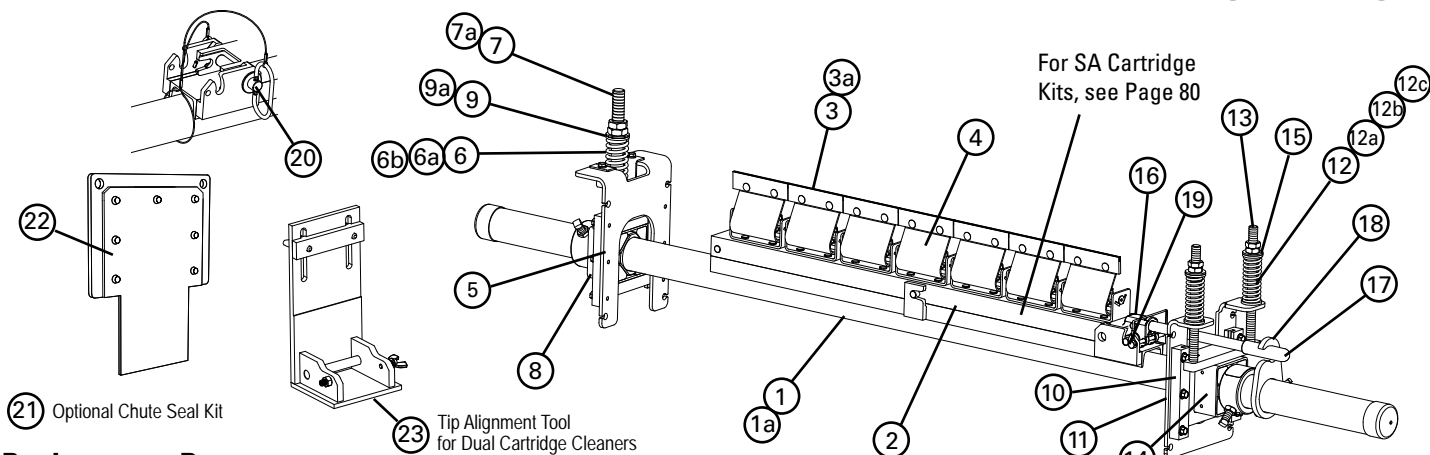
Specifications:

- Maximum Belt Speed 1200 FPM (6M/sec)
- Temperature Rating -30°F to 180°F (-35°C to 82°C)
- Useable Blade Wear Length 3/8" (9mm)
- Blade Materials C-Tip: Impact Resistant Tungsten Carbide (works with mechanical fasteners)
V-Tip: Long Life Tungsten Carbide (for vulcanized belts only)
- Available for Belt Widths 24" to 120" (600 to 3000 mm). Other sizes available upon request.

Patent Pending

Replacement Parts List

MHS ESAC HD Secondary Cleaner with Enhanced Service Advantage Cartridge



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	ESAC Cartridge Pole 24"	SACPL-24/600	77887	65.4
	ESAC Cartridge Pole 30"	SACPL-30/750	77888	71.2
	ESAC Cartridge Pole 36"	SACPL-36/900	77889	77.1
	ESAC Cartridge Pole 42"	SACPL-42/1050	77890	82.9
	ESAC Cartridge Pole 48"	SACPL-48/1200	77891	88.8
	ESAC Cartridge Pole 54"	SACPL-54/1350	77892	94.6
	ESAC Cartridge Pole 60"	SACPL-60/1500	77893	100.5
	ESAC Cartridge Pole 72"	SACPL-72/1800	77894	112.2
	ESAC Cartridge Center Pole 60" (Dual)	SACPL2-60/1500	77895	77.3
	ESAC Cartridge Center Pole 72" (Dual)	SACPL2-72/1800	77896	89.5
	ESAC Cartridge Center Pole 84" (Dual)	SACPL2-84/2100	77897	101.8
	ESAC Cartridge Center Pole 96" (Dual)	SACPL2-96/2400	77898	114.1
	ESAC Cartridge Center Pole 120" (Dual)	SACPL2-120/3000	77899	142.3
1a	Extender Pole (for use with Dual Cartridge Center Pole)	MHP-EP	76392	54.0
2	ESAC Cartridge 24"	CART-24/600	77900	3.5
	ESAC Cartridge 30"	CART-30/750	77901	4.3
	ESAC Cartridge 36"	CART-36/900	77902	5.1
	ESAC Cartridge 42"	CART-42/1050	77903	5.9
	ESAC Cartridge 48"	CART-48/1200	77904	6.7
	ESAC Cartridge 54"	CART-54/1350	77905	7.4
	ESAC Cartridge 60"	CART-60/1500	77906	8.4
	ESAC Cartridge 72"	CART-72/1800	77907	10.0
	ESAC Cartridge 60" (Dual)	CART2-60/1500	77908	8.6
	ESAC Cartridge 72" (Dual)	CART2-72/1800	77909	10.2
	ESAC Cartridge 84" (Dual)	CART2-84/2100	77910	11.7
ESAC Cartridge 96" (Dual)	CART2-96/2400	77911	13.3	
ESAC Cartridge 120" (Dual)	CART2-120/3000	77912	16.8	
3	C-Tip*	ICT6	74535	0.7
3a	V-Tip* (for vulcanized belts only)	RSA150	73628	1.3
4	PowerFlex™ Cushion*	PFC	75927	4.2
5	SST HD Mounting Base Kit* (includes 1 mounting base and 2 slide guides)	SSTHDMK	77870	10.2
6	SST Spring - White (1 ea.) for belts 18"-30" (450-750 mm)	STS-W	75846	0.5
6a	SST Spring - Silver (1 ea.) for belts 36"-60" (900-1500 mm)	STS-S	75843	0.8
6b	SST Spring - Black (1 ea.) for belts 72"-84" (1800-2100 mm)	STS-B	75844	1.0
7	SST Adj Rod Kit* (incl. 1 rod, 2 nuts, 2 bushings, 1 washer) for belts 18"-60" (450-1500 mm)	STAK	75847	2.9
7a	SST HD Adj Rod Kit* (incl. 1 rod, 2 nuts, 2 HD bushings, 1 washer) for belts 72"-84" (1800-2100 mm)	STAKHD	75892	3.0

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
8	SST HD Torsion Pole Mount* (1 ea.)	SSTHDPM	77868	15.0
9	SST Bushing Kit - White/Silver	SSTBK-W	76636	0.1
9a	SST Bushing Kit - Black	SSTBK-B	76637	0.1
10	ST Slide Guide Kit	STGK2	77867	1.1
-	SST HD Cartridge Tensioner - White (includes 1 ea. item 5, 6, 7, 8) for belts 18"-30" (450-750 mm)	SST1HD-W	77876	30.3
-	SST HD Cartridge Tensioner - Silver (includes 1 ea. item 5, 6a, 7, 8) for belts 36"-60" (900-1500 mm)	SST1HD-S	77877	30.7
-	SST HD Cartridge Tensioner - Black (includes 1 ea. item 5, 6b, 7a, 8) for belts 72"-84" (1800-2100 mm)	SST1HD-B	77878	31.0
11	CST HD Mounting Base Kit*	CSTHDMK	77871	8.5
12	CST Spring - White (1 ea.) for belts 18"-30" (450-750 mm)	CTS-W	77742	0.5
12a	CST Spring - Silver (1 ea.) for belts 36"-60" (900-1500 mm)	CTS-S	77743	0.5
12b	CST Spring - Black (1 ea.) for belts 72"-84" (1800-2100 mm)	CTS-B	77744	0.6
12c	CST Spring - Gold (1 ea.) for belts 96"-120" (2400-3000 mm)	CTS-G	77745	0.8
13	CST Adj Rod Kit (incl. 2 rods, 4 nuts, 4 bushings, 2 washers)	CSTAK	77031	3.3
14	CST HD Torsion Pole Mount* (1 ea.)	CSTHDPM	77869	16.4
15	CST Bushing Kit (includes 4 bushings)	CSTBK	77037	0.1
-	CST HD Cartridge Tensioner - White (incl. 1 ea. item 11, 13, 14 and 2 ea. item 12) for belts 18"-30" (450-750 mm)	CST1HD-W	77872	30.1
-	CST HD Cartridge Tensioner - Silver (incl. 1 ea. item 11, 13, 14 and 2 ea. item 12a) for belts 36"-60" (900-1500 mm)	CST1HD-S	77873	30.1
-	CST HD Cartridge Tensioner - Black (includes 1 ea. item 11, 13, 14 and 2 ea. item 12b) for belts 72"-84" (1800-2100 mm)	CST1HD-B	77874	30.1
-	CST HD Cartridge Tensioner - Gold (includes 1 ea. item 11, 13, 14 and 2 ea. item 12c) for belts 96"-120" (2400-3000 mm)	CST1HD-G	77875	30.7
16	ESAC Removal Knuckle	SACRKN	77882	3.2
17	ESAC Removal Handle	SACRH	77883	3.0
18	ESAC Handle Lock Plate	SACRHL	77884	1.7
19	Knuckle Retainer Pin	SACKRP	77885	0.2
20	SAC Hitch Pin	SACHP2	77768	0.9
-	ESAC Removal Kit (includes 1 ea. item 16, 17, 18, 19, 20)	SACRKT	77886	9.0
21	ESAC Chute Seal Kit	SACSK	77052	3.9
22	ESAC Chute Seal Replacement Cover	SACSRC	77065	0.5
23	ESAC Cartridge Tip Alignment Tool (Dual)	SAC2-TIP-TL	77866	2.5

*Hardware Included

Lead Time: 1 working day

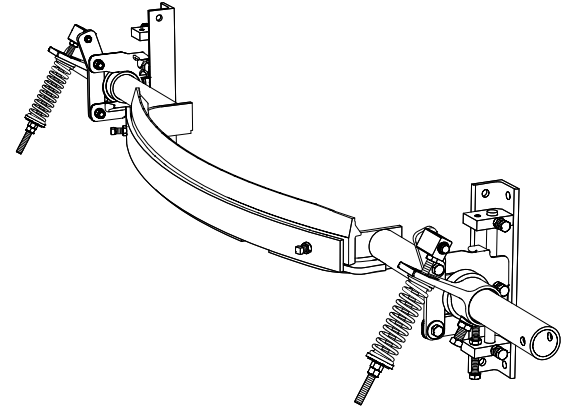
■ Made to order - Lead time: 15 working days

Product Ordering Information

U-Type® Secondary Cleaner with USTensioner (Mild Steel)

U-Type® with V-Blade (Tungsten Carbide)*

CLEANER COMPLETE					REPLACEMENT V-BLADE		
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm						
18	450	UTV18	76700	84.4	URVB18/450	76736	5.0
24	600	UTV24	76701	90.8	URVB24/600	76737	6.7
30	750	UTV30	76702	96.6	URVB30/750	76738	8.4
36	900	UTV36	76703	102.4	URVB36/900	76739	10.1
42	1050	UTV42	76704	108.0	URVB42/1050	76740	11.7
48	1200	UTV48	76705	114.1	URVB48/1200	76741	13.5
54	1350	UTV54	76706	119.5	URVB54/1350	76742	15.0
60	1500	UTV60	76707	125.4	URVB60/1500	76743	16.8
72	1800	UTV72	76708	157.5	URVB72/1800	76744	20.2
84	2100	UTV84	76709	172.4	URVB84/2100	76745	23.5



*NOTE: V-Blades (Tungsten Carbide) can be used on vulcanized belts and mechanically spliced belts ONLY IF the splice is skived (recessed into the belt's cover) (on solid plate splices the bolts must be ground). CAUTION: The V-Blade CANNOT be used on belts with mechanical rip repair fasteners. Use the F-Blade.
Lead time: 1 working day

U-Type® with C-Blade (Impact-Resistant Tungsten Carbide)*

CLEANER COMPLETE					REPLACEMENT C-BLADE		
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm						
18	450	UTC18	76712	84.4	URCB18/450	76748	5.0
24	600	UTC24	76713	90.8	URCB24/600	76749	6.7
30	750	UTC30	76714	96.6	URCB30/750	76750	8.4
36	900	UTC36	76715	102.4	URCB36/900	76751	10.1
42	1050	UTC42	76716	108.0	URCB42/1050	76752	11.7
48	1200	UTC48	76717	114.1	URCB48/1200	76753	13.5
54	1350	UTC54	76718	119.5	URCB54/1350	76754	15.0
60	1500	UTC60	76719	125.4	URCB60/1500	76755	16.8
72	1800	UTC72	76720	157.5	URCB72/1800	76756	20.2
84	2100	UTC84	76721	172.4	URCB84/2100	76757	23.5

*NOTE: C-Blades can be used on Flexco® Solid Plate, mechanically fastened and vulcanized belts.
Lead time: 1 working day

U-Type® with F-Blade (Urethane)*

CLEANER COMPLETE					REPLACEMENT F-BLADE		
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm						
18	450	UTF18	76724	84.4	UFB18	74448	3.0
24	600	UTF24	76725	90.8	UFB24	74449	4.0
30	750	UTF30	76726	96.6	UFB30	74450	5.0
36	900	UTF36	76727	102.4	UFB36	74451	6.0
42	1050	UTF42	76728	108.0	UFB42	74452	7.0
48	1200	UTF48	76729	114.1	UFB48	74453	8.0
54	1350	UTF54	76730	119.5	UFB54	74454	9.0
60	1500	UTF60	76731	125.4	UFB60	74455	10.0
72	1800	UTF72	76732	157.5	UFB72	74456	12.0
84	2100	UTF84	76733	172.4	UFB84	74460	14.0

*NOTE: F-Blades (Urethane) can be used on mechanically spliced belts and vulcanized belts.
Lead time: 1 working day

Product Ordering Information

Stainless Steel U-Type® Secondary Cleaner with J-Bolt Tensioner

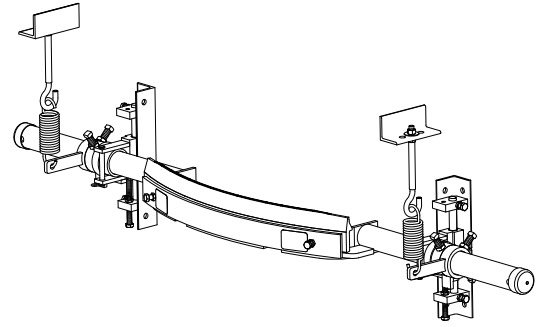
U-Type® Stainless w/ V-Blade (Tungsten Carbide)*

CLEANER COMPLETE					REPLACEMENT V-BLADE		
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm						
18	450	UTV18J-S/S	77273	84.4	URVB18/450	76736	5.0
24	600	UTV24J-S/S	77274	90.8	URVB24/600	76737	6.7
30	750	UTV30J-S/S	77275	96.6	URVB30/750	76738	8.4
36	900	UTV36J-S/S	77276	102.4	URVB36/900	76739	10.1
42	1050	UTV42J-S/S	77277	108.0	URVB42/1050	76740	11.7
48	1200	UTV48J-S/S	77278	114.1	URVB48/1200	76741	13.5
54	1350	UTV54J-S/S	77279	119.5	URVB54/1350	76742	15.0
60	1500	UTV60J-S/S	77280	125.4	URVB60/1500	76743	16.8
72	1800	UTV72J-S/S	77281	157.5	URVB72/1800	76744	20.2
84	2100	UTV84J-S/S	77282	172.4	URVB84/2100	76745	23.5

*NOTE: V-Blades (Tungsten Carbide) can be used on vulcanized belts and mechanically spliced belts ONLY IF the splice is skived (recessed into the belt's cover) (on solid plate splices the bolts must be ground).
CAUTION: The V-Blade CANNOT be used on belts with mechanical rip repair fasteners.

304 grade stainless steel
Lead time: 1 working day

Shaded items are made to order.
Lead time: 5 weeks



U-Type® Stainless with C-Blade (Impact-Resistant Tungsten Carbide)*

CLEANER COMPLETE					REPLACEMENT C-BLADE		
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm						
18	450	UTC18J-S/S	77395	84.4	URCB18/450	76748	5.0
24	600	UTC24J-S/S	77396	90.8	URCB24/600	76749	6.7
30	750	UTC30J-S/S	77397	96.6	URCB30/750	76750	8.4
36	900	UTC36J-S/S	77398	102.4	URCB36/900	76751	10.1
42	1050	UTC42J-S/S	77399	108.0	URCB42/1050	76752	11.7
48	1200	UTC48J-S/S	77400	114.1	URCB48/1200	76753	13.5
54	1350	UTC54J-S/S	77401	119.5	URCB54/1350	76754	15.0
60	1500	UTC60J-S/S	77402	125.4	URCB60/1500	76755	16.8
72	1800	UTC72J-S/S	77403	157.5	URCB72/1800	76756	20.2
84	2100	UTC84J-S/S	77404	172.4	URCB84/2100	76757	23.5

*NOTE: C-Blades can be used on Flexco® Solid Plate, mechanically fastened and vulcanized belts.

304 grade stainless steel
Lead time: 1 working day

Shaded items are made to order.
Lead time: 5 weeks

Stainless Steel F-Blade cleaner available upon request

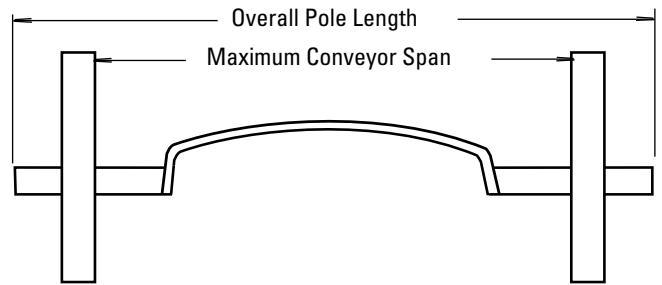
Specifications & Guidelines

U-Type® Secondary Cleaner with J-Bolt Tensioner

Pole Length Specifications

CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
18	450	64	1600	54	1350
24	600	70	1750	60	1500
30	750	76	1900	66	1650
36	900	82	2050	72	1800
42	1050	88	2200	78	1950
48	1200	94	2350	84	2100
54	1350	100	2500	90	2250
60	1500	106	2650	96	2400
72	1800	124	3100	114	2850
84	2100	136	3400	126	3150

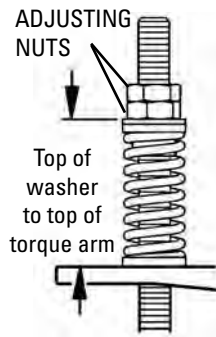
Pole Diameter - 18" to 60" cleaners: 2-3/8" (60mm)
Pole Diameter - 72" to 84" cleaners: 2-7/8" (75mm)



Spring Length Chart

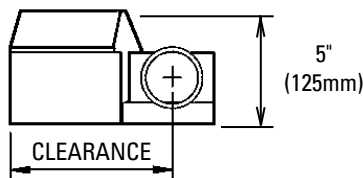
(For Cleaners with UST Tensioners)

BLADE WIDTH		PURPLE SPRING		SILVER SPRING		WHITE SPRING	
in.	mm	in.	mm	in.	mm	in.	mm
18	450	6 1/8	154	6 3/8	160	6 3/8	162
24	600	5 7/8	148	6 1/4	158	6 1/4	159
30	750	5 1/2	140	6 1/8	154	6 1/4	159
36	900	5 3/8	136	6	152	6 1/8	156
42	1050	5	128	5 7/8	150	6 1/8	156
48	1200	N/A	N/A	5 3/4	146	6	152
54	1350	N/A	N/A	5 5/8	142	5 7/8	149
60	1500	N/A	N/A	5 1/2	140	5 7/8	149
72	1800	N/A	N/A	N/A	N/A	5 1/2	140
84	2100	N/A	N/A	N/A	N/A	5 3/8	138



Clearance Guidelines For Installation

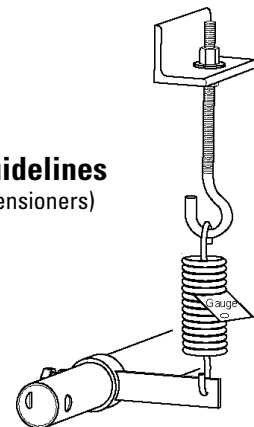
U CLEANER SIZE		CLEARANCE		U CLEANER SIZE		CLEARANCE	
in.	mm	in.	mm	in.	mm	in.	mm
18"	450	5 1/2"	140	48"	1200	9 1/2"	242
24"	600	6 1/2"	166	54"	1350	9 1/2"	242
30"	750	7 1/2"	191	60"	1500	9 1/2"	242
36"	900	7 1/2"	171	72"	1800	10 1/4"	261
42"	1050	8 1/2"	217	84"	2100	10 1/4"	261



Spring Tensioner Guidelines

(For Cleaners with J-Bolt Tensioners)

- Spring gap = .030" (.7mm)
- * Gauge provided



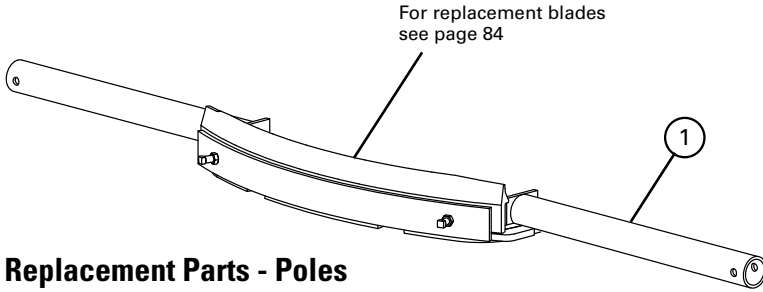
Specifications:

- Maximum Belt Speed 1300 FPM (6.6M/sec); F-Blade - 1000 FPM (5M/sec)
- Temperature Rating -30°F to 180°F (-35°C to 82°C)
- Usable Blade Wear Length V-Blade and C-Blade - 3/8" (9mm); F-Blade - 1 3/4" (44mm)
- Available for Belt Widths 18" to 84" (450 to 2100mm).

Other sizes available upon request.

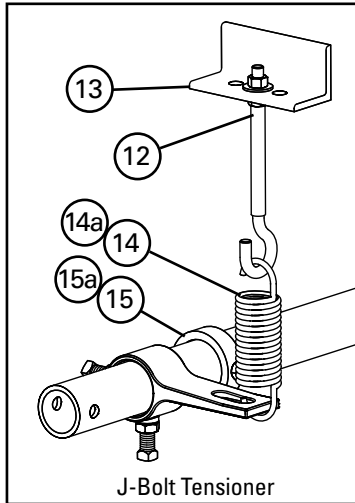
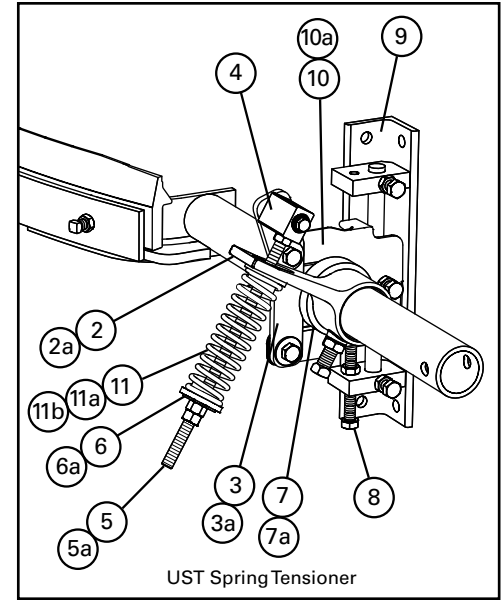
Replacement Parts List

U-Type® Secondary Cleaner with UST Tensioner



Replacement Parts - Poles

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	USP18/450	76772	40.8
	24" (600mm) Pole	USP24/600	76773	44.2
	30" (750mm) Pole	USP30/750	76774	47.6
	36" (900mm) Pole	USP36/900	76775	51.1
	42" (1050mm) Pole	USP42/1050	76776	54.5
	48" (1200mm) Pole	USP48/1200	76777	57.9
	54" (1350mm) Pole	USP54/1350	76778	61.4
	60" (1500mm) Pole	USP60/1500	76779	64.8
	72" (1800mm) Pole	USP72/1800	76780	71.6
	84" (2100mm) Pole	USP84/2100	76781	78.5



J-Bolt Tensioner
For use in changing UST Spring Tensioner to a J-Bolt Tensioner

Replacement Parts - J-bolt Tensioner

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
12	J-Bolt (incl. locknut & washer)	STJ-K	78785	0.7
13	J-Bolt Mount (1 ea.)	STJM	74775	3.0
14	Tension Spring (1 ea.) †	STTS	74419	1.4
14a	HD Tension Spring (1 ea.) §	HDTS	74502	2.0
15	Pole Lock Collar †	EZP1PL	75641	1.1
15a	HD Pole Lock Collar §	MSPPL	75816	1.9
—	J-Bolt Tensioner Kit † (Optional) (incl. 2 ea. items 12, 13, 14, 15)	UBTK	76977	4.7
—	HD J-Bolt Tensioner Kit § (Optional) (incl. 2 ea. items 12, 13, 14a, 15a)	UHDBTK	76978	5.2

† Standard components for blade widths 18"-60" (450-1500mm)

§ HD components for blade widths 72"-84" (1800-2100mm)

Replacement Parts - UST Tensioner

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
2	Torque Arm Kit* (1 ea.) †Δ	ESTAK-EST	76406	3.6
2a	Torque Arm Kit HD* (1 ea.) §	PSTA	75896	11.4
3	Pivot Shaft Bracket Kit* (1 ea.) †Δ	UPSBK	76784	1.7
3a	Pivot Shaft Bracket Kit HD* (1 ea.) §	QMTPSBK	76099	4.3
4	Pivot Block Kit* (1 ea.) †Δ	UPBK	76785	1.0
5	Pivot Rod Kit* (1 ea.) †Δ	ESPRK	76409	1.2
5a	Pivot Rod Kit HD* (1 ea.) §	QMTPAK	76096	4.3
6	Bushing Kit (incl. 2 bushings) †Δ	ESBK-PS	76410	0.1
6a	Bushing Kit HD (incl. 2 bushings) §	QMTBK-W	76098	0.1
7	Standard Pole Bearing (1 ea.) †Δ	USPB	76786	0.2
7a	HD Pole Bearing (1 ea.) §	UHPB	76787	0.3
8	Adjusting Bolt Kit (1 ea.) (incl. locknut)	ABU	76788	0.2
9	Mounting Bracket Kit* (1 ea.)	UMBK	76789	9.7
10	Slide Plate Kit* (1 ea.) †Δ	USPK	76790	4.6
10a	HD Slide Plate Kit* (1 ea.) §	UHSPK	76791	5.2
11	Tension Spring - Purple (1 ea.) †	QMTS-P	75845	0.6
11a	Tension Spring - Silver (1 ea.) Δ	ESS-S	76412	1.2
11b	Tension Spring - White (1 ea.) §	PSTS-W	75898	1.7
—	UST Spring Tensioner* - Purple † (incl. 1 ea. items 2, 3, 4, 5, 6, 8, 9, 10, 11)	UST-P	76794	21.0
—	UST Spring Tensioner* - Silver Δ (incl. 1 ea. items 2, 3, 4, 5, 6, 8, 9, 10, 11a)	UST-S	77757	21.0
—	UST Spring Tensioner* - White § (incl. 1 ea. items 2a, 3a, 4, 5a, 6a, 8, 9, 10a, 11b)	UST-W	76795	28.9
—	Standard Mounting Kit* (incl. 1 ea. items 8, 9, 10) † Δ (for blade widths 18" - 60" (450 - 1500mm))	USMK	76792	14.6
—	HD Mounting Kit* (incl. 1 ea. items 8, 9, 10a) § (for blade widths 72" - 84" (1800 - 2100mm))	UHMK	76793	15.5

*Hardware included

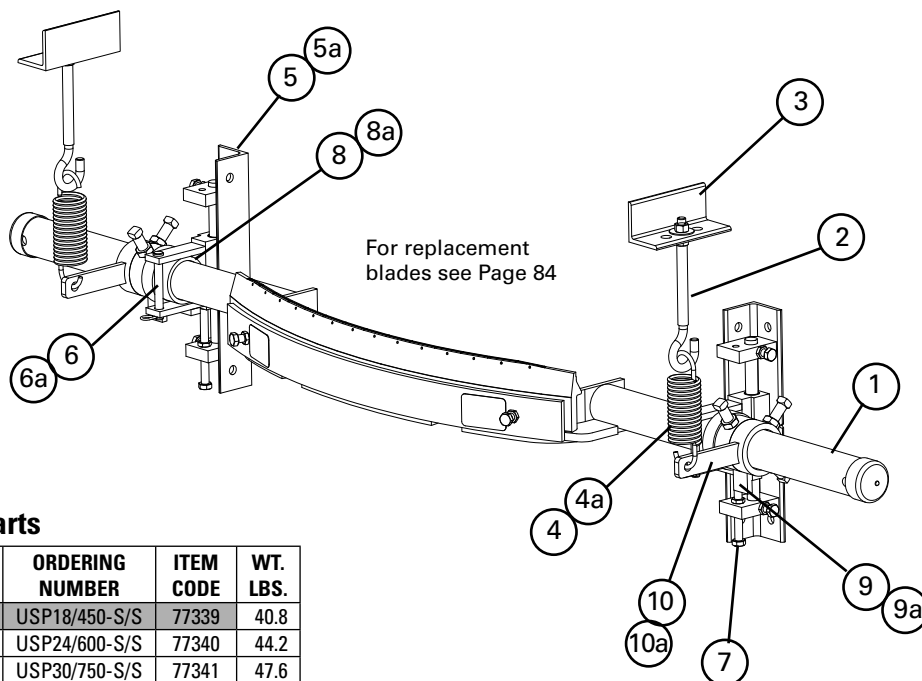
† Standard components for blade widths 18"-42" (450-1050mm)

Δ Standard components for blade widths 48"-60" (1200-1500mm)

§ HD components for blade widths 72"-84" (1800-2100mm)

Replacement Parts List

Stainless Steel U-Type[®] Secondary Cleaner with J-Bolt Tensioner



U-Type[®] Stainless Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	USP18/450-S/S	77339	40.8
	24" (600mm) Pole	USP24/600-S/S	77340	44.2
	30" (750mm) Pole	USP30/750-S/S	77341	47.6
	36" (900mm) Pole	USP36/900-S/S	77342	51.1
	42" (1050mm) Pole	USP42/1050-S/S	77343	54.5
	48" (1200mm) Pole	USP48/1200-S/S	77344	57.9
	54" (1350mm) Pole	USP54/1350-S/S	77345	61.4
	60" (1500mm) Pole	USP60/1500-S/S	77347	64.8
	72" (1800mm) Pole	USP72/1800-S/S	77349	71.6
	84" (2100mm) Pole	USP84/2100-S/S	77351	78.5
2	J-Bolt Kit* (incl. locknut and washer)	STJK-S/S	77334	0.7
3	J-Bolt Mount (1 ea.)	STJM-S/S	77332	3.0
4	18 - 60" Tension Spring (1 ea.)	STTS-S/S	75585	1.0
4a	64"+ Tension Spring (1 ea.)	HDTS-S/S	75586	1.5
5	18 - 60" Mounting Bracket Kit (incl. R & L)	MBKUJ-S/S	77359	16.0
5a	64"+ Mounting Bracket Kit (incl. R & L)	MBKUJH-S/S	77360	19.0
6	18 - 60" Retaining Pin & Spring Clip	RPU-S/S	77361	1.0
6a	64"+ Retaining Pin & Spring Clip	HDRPU-S/S	77362	1.5
7	Adjusting Bolt Kit (incl. locknut)	ABU	76788	1.0
8	18 - 60" UHMW Bearing (1 ea.)	USPB	76786	1.0
8a	64"+ UHMW Bearing (1 ea.)	UHPB	76787	1.0
9	18 - 60" Stop Collar* (1 ea.)	SCU60-S/S	77363	2.0
9a	64"+ Stop Collar* (1 ea.)	SCUHD-S/S	77333	2.0
10	18 - 60" Adjusting Arm* (1 ea.)	HARK-S/S	77364	2.0
10a	64"+ Adjusting Arm* (1 ea.)	HDARK-S/S	77331	2.0
-	18 - 60" Mounting Kit* (incl. 2 ea. items 2, 3, 4, 5, 6, 7, 8, 9 & 10)	MKU-S/S	77373	40.0
-	64"+ Mounting Kit* (incl. 2 ea. items 2, 3, 4a, 5a, 6a, 7, 8a, 9a & 10a)	MKUHD-S/S	77374	43.0

*Hardware included
Lead time: 1 working day

Shaded items are made to order.
Lead time: 5 weeks

Product Ordering Information

MDWS *Secondary Cleaner* *DryWipe for Removing Water*

MDWS Secondary Belt Cleaner

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MDWS-24	75868	115.1
30	750	MDWS-30	75869	122.8
36	900	MDWS-36	75870	127.8
42	1050	MDWS-42	75871	138.3
48	1200	MDWS-48	75872	146.8
54	1350	MDWS-54	75873	154.5
60	1500	MDWS-60	75874	162.2
72	1800	MDWS-72	75875	177.7
84	2100	MDWS-84	76806	193.2

Lead time: 1 working day



MDWS Secondary Belt Cleaner with Portable Air Tensioner

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MDWS-24P	78745	115.1
30	750	MDWS-30P	78746	122.8
36	900	MDWS-36P	78747	127.8
42	1050	MDWS-42P	78748	138.3
48	1200	MDWS-48P	78749	146.8
54	1350	MDWS-54P	78750	154.5
60	1500	MDWS-60P	78751	162.2
72	1800	MDWS-72P	78752	177.7
84	2100	MDWS-84P	78753	193.2

Lead time: 1 working day



Replacement ConShear™ DW Blades (Color Identification: Black)

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	CDWB24	75884	12.8
30	750	CDWB30	75885	15.5
36	900	CDWB36	75886	18.3
42	1050	CDWB42	75887	21.0
48	1200	CDWB48	75888	23.8
54	1350	CDWB54	75889	26.5
60	1500	CDWB60	75890	29.2
72	1800	CDWB72	75891	34.7
84	2100	CDWB84	76942	40.5

Actual blade width is belt width + 4".

ConShear DW Blades are black for easy identification.

Lead time: 1 working day

Product Notes:

- The ConShear™ "DryWipe" (DW) Blade is excellent for removing water from the belt. Use as the final cleaner in a cleaning system.
- Actual blade width is belt width plus 4". The extra length ensures the water is removed from the belt.
- Pole Length: Belt width plus 54". For longer requirements, see Accessories - Pole Extender Kit (Page 93).
- Visual Blade Tension Check: Measure the tension spring and refer to the Spring Length Chart on mounting base for the correct length for best cleaning performance.
- To make cleaner installation easier and quicker, see Optional Mounting Kits on Page 93.

U.S. Patent No. D482,508S

Product Ordering Information

Line Connections for Portable Air Tensioner

Air Tanks

ORDERING NUMBER	ITEM CODE	WT. LBS.
PAT1	78684	13.0
PAT2	78685	13.0



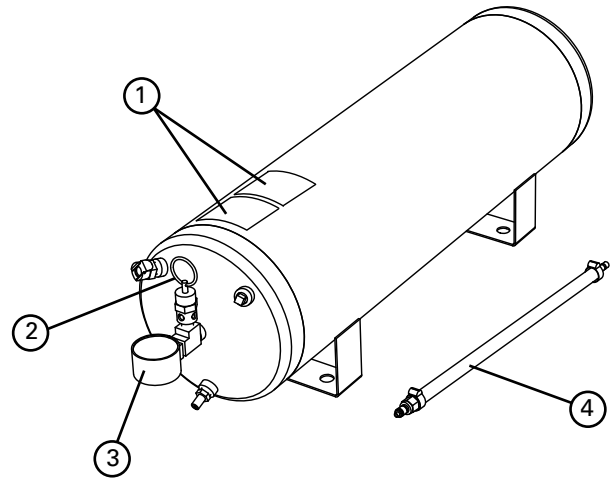
PAT1 (Single)



PAT2 (Dual)

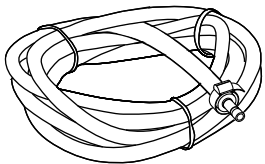
Replacement Parts List

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Tank Label Kit	PATLK	78791	0.1
2	Tank Pop-Off Valve	PATPV	78792	0.5
3	Tank Gauge	PATG	78793	0.5
4	Tank Hose Kit (incl. 1 ea. 10' hose, hose clamp, hose barb, quick connect hose barb)	PATHK	78794	1.5



Product Notes:

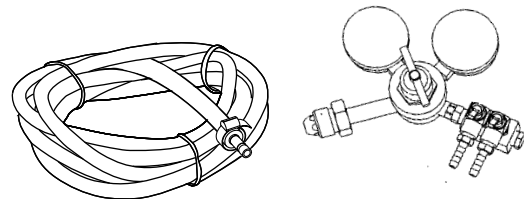
- For use with PAT cleaner assemblies and PAT control box.
- Single for applications with one cleaner, double for applications with two cleaners.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.



Air Line Connection for Site Accessible Air

ORDERING NUMBER	ITEM CODE	WT. LBS.
PAAK*	78798	0.5

* incl. 10' hose, 2 hose clamps, push-in hose barb to connect to PAT Control Box



Nitrogen Tank Connection for Site-provided nitrogen tank

ORDERING NUMBER	ITEM CODE	WT. LBS.
PANK*	78799	5.0

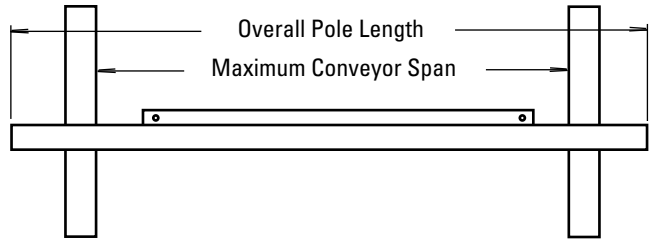
* incl. Nitrogen Regulator, 10' hose, 2 hose clamps, push-in hose barb to connect to PAT Control Box

Specifications & Guidelines

MDWS Secondary Cleaner DryWipe for Removing Water

Pole Length Specifications*

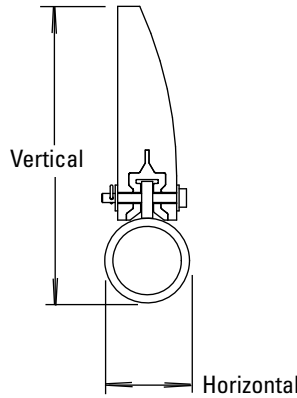
CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
24	600	28	700	78	1950	68	1700
30	750	34	850	84	2100	74	1850
36	900	40	1000	90	2250	80	2000
42	1050	46	1150	96	2400	86	2150
48	1200	52	1300	102	2550	92	2300
54	1350	58	1450	108	2700	98	2450
60	1500	64	1600	114	2850	104	2600
72	1800	76	1900	126	3150	116	2900
84	2100	88	2200	138	3450	128	3200



*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. See Page 93.
Pole Diameter - 2-7/8" (73mm)

Clearance Guidelines for Installation

HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
4	100	10	250

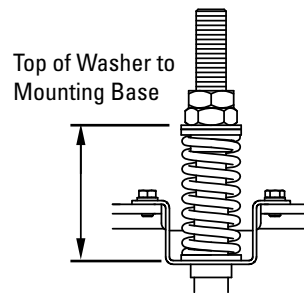


Spring Length Chart

with SST Spring Tensioner

BLADE WIDTH	WHITE SPRING	SILVER SPRING	BLACK SPRING
24"	3 1/8"	3 7/8"	N/A
30"	2 7/8"	3 3/4"	N/A
36"	N/A	3 3/4"	3 7/8"
42"	N/A	3 5/8"	3 3/4"
48"	N/A	3 1/2"	3 5/8"
54"	N/A	3 3/8"	3 5/8"
60"	N/A	3 1/4"	3 1/2"
72"	N/A	N/A	3 3/8"
84"	N/A	N/A	3"

Shading indicates preferred spring option



PAT Pressure Chart

BLADE WIDTH	PSI
18"	15#
24"	19#
30"	23#
36"	27#
42"	31#
48"	35#
54"	39#
60"	43#
72"	51#
84"	59#

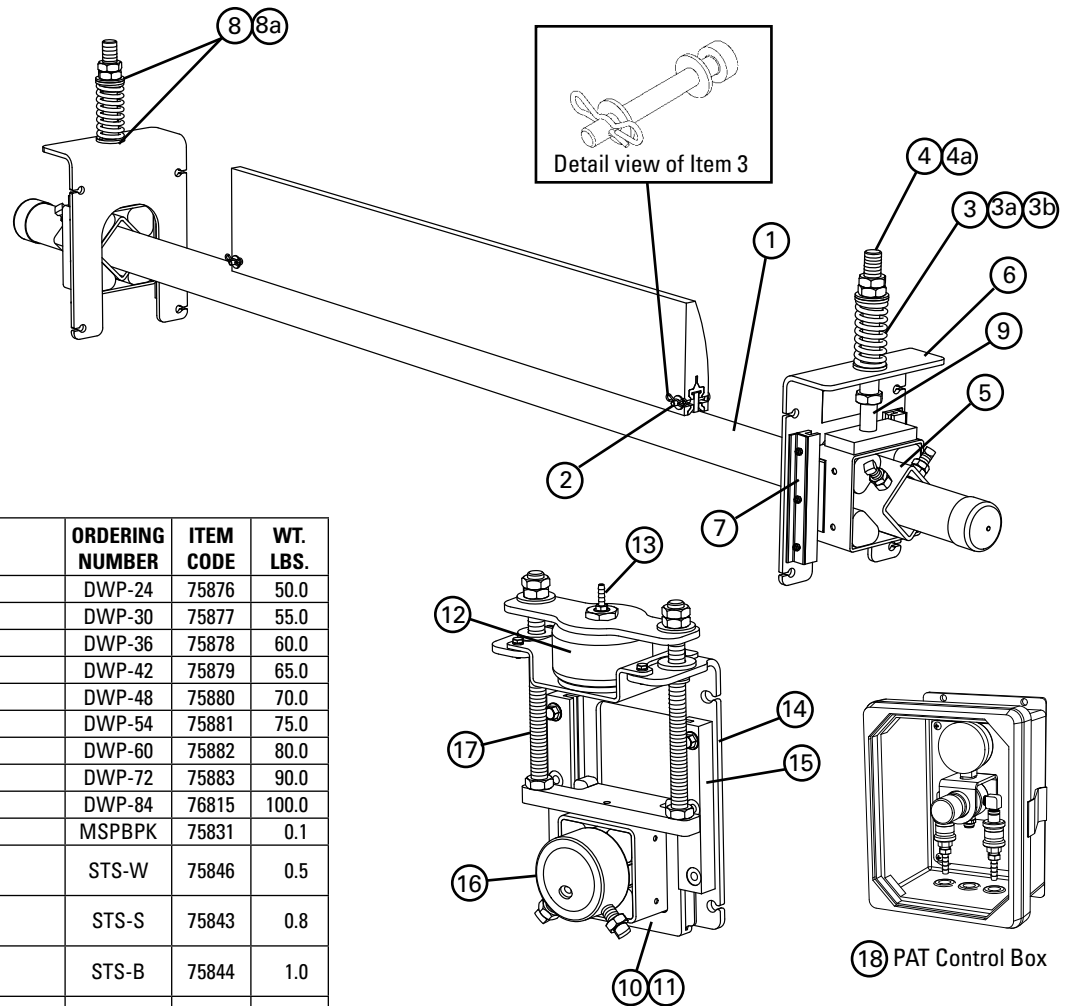
Specifications:

- Maximum Belt Speed.....1000 FPM (5M/sec)
- Temperature Rating.....-30°F to 180°F (-35°C to 82°C)
- Usable Blade Wear Length.....4-1/2" (113mm)
- Blade Height.....7-1/4" (185mm)
- Blade.....Urethane with UHMW additive (softer durometer to squeegee water off and additive to enhance blade life)
- Available for Belt Widths.....24" to 84" (600 to 2100 mm)
Other sizes available upon request.

U.S. Patent No. D482,508S

Replacement Parts List

MDWS Secondary Cleaner DryWipe for Removing Water



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) Pole	DWP-24	75876	50.0
	30" (750mm) Pole	DWP-30	75877	55.0
	36" (900mm) Pole	DWP-36	75878	60.0
	42" (1050mm) Pole	DWP-42	75879	65.0
	48" (1200mm) Pole	DWP-48	75880	70.0
	54" (1350mm) Pole	DWP-54	75881	75.0
	60" (1500mm) Pole	DWP-60	75882	80.0
	72" (1800mm) Pole	DWP-72	75883	90.0
84" (2100mm) Pole	DWP-84	76815	100.0	
2	Blade Pin Kit* (1 ea.)	MSPBPK	75831	0.1
3	Tension Spring - White (1 ea.) for belts 24" - 30" (600-750mm)	STS-W	75846	0.5
3a	Tension Spring - Silver (1 ea.) for belts 36" - 60" (900-1500mm)	STS-S	75843	0.8
3b	Tension Spring - Black (1 ea.) for belts 72" - 84" (1800-2100mm)	STS-B	75844	1.0
4	Adjusting Rod Kit (includes 1 rod, 2 nuts, 1 bushing, 1 washer) for belts 24" - 60" (600-750mm)	STAK	75847	2.9
4a	HD Adjusting Rod Kit (includes 1 rod, 2 nuts, 1 HD bushing, 1 washer) for belts 72" - 84" (1800-2100mm)	STAKHD	75892	3.0
5	HD Torsion Pole Mount* (1 ea.)	STHDPM	75848	11.1
6	HD Mounting Base Kit* (includes 1 mounting base & 2 slide guides)	STHDMK	75850	11.6
7	Slide Guide Kit* (includes 2 slide guides)	STGK	75851	0.7
8	Bushing Kit - White (includes 2 bushings) for white springs and silver springs	SSTBK-W	76636	0.1
8a	Bushing Kit - Black (includes 2 bushings) for black springs	SSTBK-B	76637	0.1
9	SST Tensioner Bushing Update Kit (includes 2 lower bushings, 2 sleeves, 2 nuts)	SST-BUK	76943	0.3
-	HD Spring Tensioner* - White (includes 2 each items 4, 5, 6, 7 & 9) for belts 24" - 30" (600-750mm)	SSTHD-W	75842	52.1
-	HD Spring Tensioner* - Silver (includes 2 each items 4a, 5, 6, 7 & 9) for belts 36" - 60" (900-1500mm)	SSTHD-S	75839	52.8
-	HD Spring Tensioner* - Black (includes 2 each items 4b, 5a, 6, 7 & 9a) for belts 72" - 84" (1800-2100mm)	SSTHD-B	75840	53.2

*Hardware Included
Lead time: 1 working day

U.S. Patent No. D482,508S

Secondary Air Tensioner 2 Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
10	SAT2 w/PAT Control Box	SAT2PAT	78735	43.5
11	SAT2 w/o Control Box	SAT2NCB	78703	41.0
12	SAT Air/Water Bag Kit	SATB	76083	5.1
13	SAT 1/8" Hose Barb Kit	SATHB	76084	0.1
14	SAT2 Mounting Base Kit	SAT2MK	78704	11.6
15	ST Slide Guide Kit	STGK2	77867	1.1
16	SAT2 Torsion Pole Mount	SAT2PM	78732	11.1
17	SAT2 Adjusting Rod Kit	SAT2AK	78733	5.0
18	PAT Control Box	PACB	78683	11.0

Lead time: 1 working day

Spring Tensioner Selection Chart

CLEANER SIZE	75842 SSTHD-W	75839 SSTHD-S	75840 SSTHD-B
MDWS 24" - 30" (600 - 750 mm)	X		
MDWS 36" - 60" (900 - 1500 mm)		X	
MDWS 72" - 84" (1800 - 2100 mm)			X

Product Ordering Information

**Chevron
Belt Cleaner**

Chevron Belt Cleaner

BELT WIDTH		DRUM WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
18	450	18	450	CBC18	76668	76.7
24	600	24	600	CBC24	76669	87.9
30	750	30	750	CBC30	76670	99.0
36	900	36	900	CBC36	76671	110.1
42	1050	42	1050	CBC42	76672	121.2
48	1200	48	1200	CBC48	76673	132.4
54	1350	54	1350	CBC54	76674	143.5
60	1500	60	1500	CBC60	76675	154.6

Lead time: 1 working day

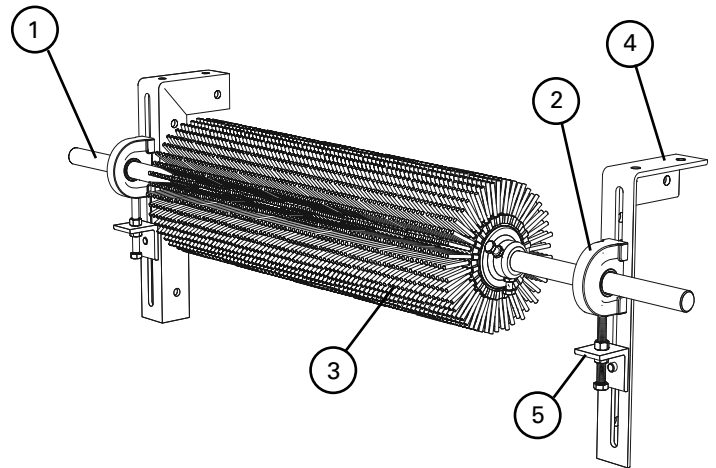


Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Drum Shaft	CDS18	76684	15.1
	24" (600mm) Drum Shaft	CDS24	76685	17.0
	30" (750mm) Drum Shaft	CDS30	76686	18.9
	36" (900mm) Drum Shaft	CDS36	76687	20.8
	42" (1050mm) Drum Shaft	CDS42	76688	22.7
	48" (1200mm) Drum Shaft	CDS48	76689	24.6
	54" (1350mm) Drum Shaft	CDS54	76690	26.4
	60" (1500mm) Drum Shaft	CDS60	76691	28.3
2	Chevron Pillow Block*	CPB	76692	1.2
3	18" Replacement Drum*	CRD18	76676	27.7
	24" Replacement Drum*	CRD24	76677	37.0
	30" Replacement Drum*	CRD30	76678	46.2
	36" Replacement Drum*	CRD36	76679	55.4
	42" Replacement Drum*	CRD42	76680	64.7
	48" Replacement Drum*	CRD48	76681	73.9
	54" Replacement Drum*	CRD54	76682	83.2
60" Replacement Drum*	CRD60	76683	92.4	
4	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	13.0
5	Adjusting Bracket Kit* (1 ea.)	EZS2ABK	75664	2.0

*Hardware Included

Lead time: 1 working day



Specifications

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

Product Notes:

- Free-rotating. Works only when the belt is running.
- Self-cleaning. Finger length, spacing and the rotary action allows carryback to fall free instead of clogging.
- Easy to install. Few parts and step-by-step instructions make the job simple.
- Long-wearing SBR rubber. Drum life ranges from 1 to 3 years depending upon the application conditions and the material being conveyed.
- Works on reversing belts.

Optional Mounting Kits

Installation Accessories

OPTIONAL MOUNTING KITS FOR BELT CLEANERS

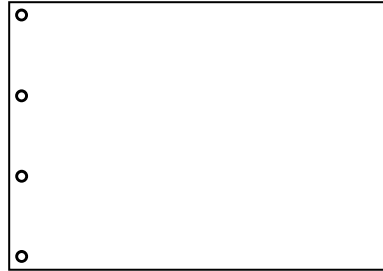
Versatile, adjustable brackets and plates that can be mounted on the conveyor structure so precleaners and secondary cleaners can be easily and quickly bolted into place.



75830

Optional Mounting Bar Kit
(with bolts, nuts and washers)

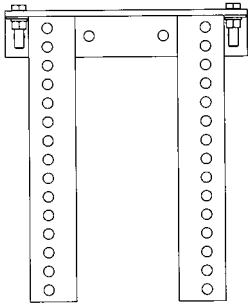
- For mounting precleaners on open head pulleys.
- Weld on both sides of pulley and bolt on steel plates.
- For use with MSP, MMP, MHP, MHCP



76537

Mounting Plate Kit (incl. 2 plates, 16" x 32" (400 x 800 mm))

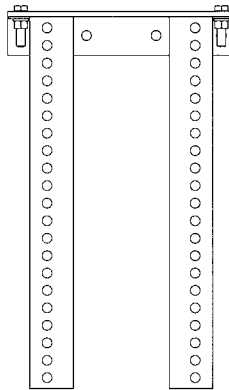
- For use with Mounting Bars to mount cleaners on open head pulleys.
- For use with MSP, MMP, MHP, MHCP



76071

Standard Mounting Bracket Kit

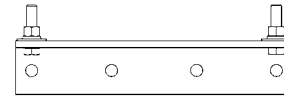
- For most secondary cleaner installs.



76072

Long Mounting Bracket Kit

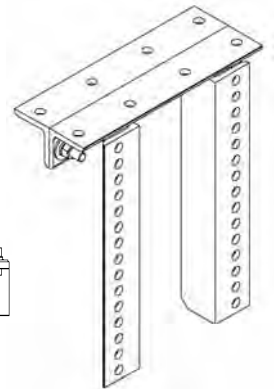
- For installations that require extra length legs.



76073

Optional Top Angle Kit

- Used with both standard and long mounting bracket kits for additional mounting options.



Optional Mounting Kits

(includes 2 brackets/bars)

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Standard Mounting Bracket Kit *	SSTSMB	76071	34.3
Long Mounting Bracket Kit *	SSTLMB	76072	43.5
Optional Top Angle Kit *	SSTOTA	76073	10.5
Optional Mounting Bar Kit *	MMBK	75830	19.5
Mounting Plate Kit (incl. 2 plates)	MMPK	76537	140.0

*Hardware Included

Lead time: 1 working day

Specs and Notes:

- Standard brackets are 13" W x 15-1/2" L.
- Long brackets are 13" W x 21-1/2" L.
- Mounting bars are 1-1/2" W x 16" L with (4) 5/8-11 tapped holes.
- Mounting plates are 16" W x 32" L with (4) 5/8 holes.

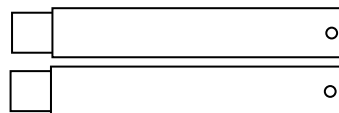
Pole Extender Kit

(includes 2 pole extenders)

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Pole Extender Kit	MAPEK	76024	21.9
2-3/8" Pole Extender Kit	RAPEK	77423	18.0

Provides 30" (750mm) of extended pole length.

Lead time: 1 working day



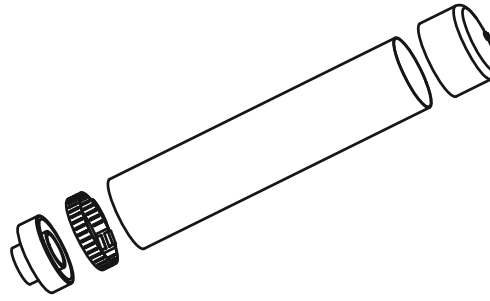
Product Ordering Information

Spring Tensioner Accessories

Spring Covers

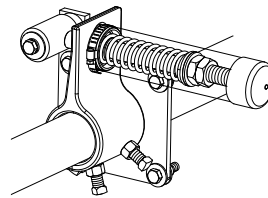
ORDERING NUMBER	ITEM CODE	WT. LBS.
SPG-CVR-A	77387	0.3
SPG-CVR-B	77388	0.3
SPG-CVR-C	77389	0.3
SPG-CVR-D	77390	0.4
SPG-CVR-E	77391	0.4
SPG-CVR-F	77392	0.3
SPG-CVR-G	77393	0.3
SPG-CVR-H	77741	0.3

Includes 1 spring cover
Lead time: 1 working day

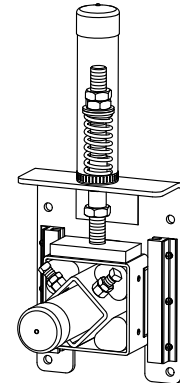


Spring Cover Reference Chart

TENSIONER	SPRING COVER REQ'D
EST-P	77387
EST-S	77387
EST-B	77388
QMT-P	77389
QMT-W	77390
QMT-G	77391
PST-W	77390
PST-S	77390
SST-W	77392
SST-S	77392
SST-B	77393
UST-P	77387
UST-S	77387
SSTHD	77741
CSTHD	77741



Spring cover on
Precleaner tensioner



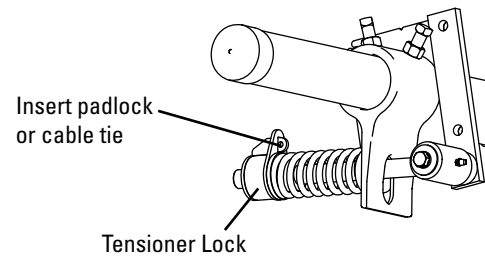
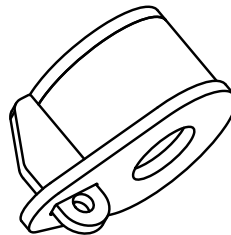
Spring cover on
Secondary cleaner
tensioner

Tensioner Lock*

Designed to prevent tampering or unauthorized retensioning of the cleaner.

ORDERING NUMBER	ITEM CODE	WT. LBS.
TEN-LOCK-KIT	77443	0.4

*For MSP, MMP, MHCP, H-Type
Includes 1 tensioner lock
Lead time: 1 working day



Tensioner Lock

(Precleaner
tensioner shown)

Patent pending

Product Ordering Information

Water Spray Pole Systems Belt Cleaner Accessories

Spray Pole Kits*

Standard & Heavy-Duty

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	SPK18	74709	23.0
24	600	SPK24	74710	23.0
30	750	SPK30	74711	24.0
36	900	SPK36	74712	24.0
42	1050	SPK42	74713	25.5
42	1050	SPKHD42	74952	26.5
48	1200	SPK48	74714	26.0
48	1200	SPKHD48	74953	27.0
54	1350	SPK54	74715	27.0
54	1350	SPKHD54	74954	28.0
60	1500	SPK60	74716	28.0
60	1500	SPKHD60	74955	29.0
72	1800	SPK72	74717	30.0
72	1800	SPKHD72	74718	32.0
84	2100	SPKHD84	74719	34.0

*Includes Spray Pole, Mounting Brackets, and 10' (3M) Hose. Standard-duty is for use on P-Type®, R-Type®, U-Type® 18" - 60", and EZS2 cleaners; Heavy-duty is for use on H-Type®, U-Type® 72" - 84", and MSS, MHS, and MDWS cleaners. Other sizes available upon request.

Lead time: 1 working day



Replacement Parts

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Standard Spray Pole Mounting Kit	SPMK2	75578	3.6
HD Spray Pole Mounting Kit	SPMK3	75579	3.7
SP Ball Valve	SPBV	74742	0.6
SP Y Strainer	SPYS	74743	1.5
SP Pressure Regulator	SPPR	74744	1.2
SP Hose 10 ft	SPH10	74745	2.9
Spray Pole Nozzle	SPN	74746	0.1
Spray Pole Gauge	SPG	74747	0.5
SP SS Pipe Nipple	SPPN	74748	0.1

Lead time: 1 working day

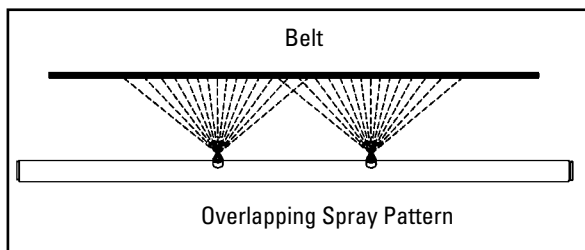
Control Assembly

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
SP Control Panel with Regulator, Strainer and Pressure Gauge	SPCP	74734	16.5

Lead time: 1 working day

Spray Nozzles Per Cleaner Size

in.	18	24	30	36	42	48	54	60	72	84	96	120
mm	450	600	750	900	1050	1200	1350	1500	1800	2100	2400	3000
Spray Nozzles	1	2	2	3	3	4	4	5	6	7	8	10



Specifications

- Stainless steel pole with powder coated steel clamping brackets.
- Spray nozzles are spaced on 12" (300mm) centers.
- Delivers .98 gallons (3.7 liters) per minute at 60 psi (414 kPa).
- Generally will affect moisture content of material by less than ½%.
- Maximum inlet pressure is 300 psi (2069 kPa).
- Typical pressure setting is 40-60 psi (276-414 kPa).

Product Ordering Information

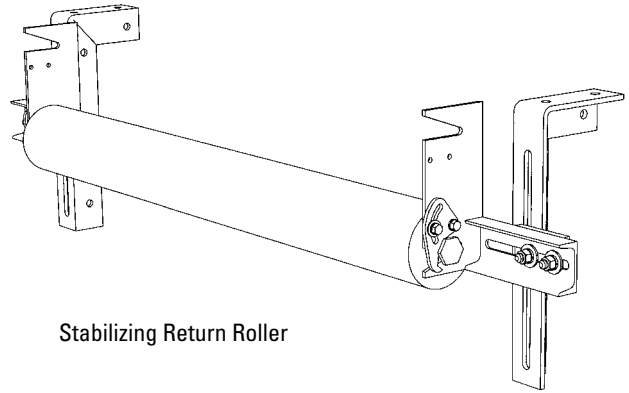
Stabilizing Rollers and Kits Belt Cleaner Accessories

Stabilizing Return Roller

Provides universal brackets with a 5" (125mm) CEMA D roller. Holds the belt flat so the belt cleaner can maximize its cleaning performance.

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	SRR24	76000	54.5
30	750	SRR30	76001	59.8
36	900	SRR36	76002	65.0
42	1050	SRR42	76003	70.1
48	1200	SRR48	76004	75.3
54	1350	SRR54	76005	80.4
60	1500	SRR60	76006	85.6

SRRs come standard with Exalon rollers.
Rollers are 5" (125mm) diameter and rated CEMA D.
Lead time: 1 working day

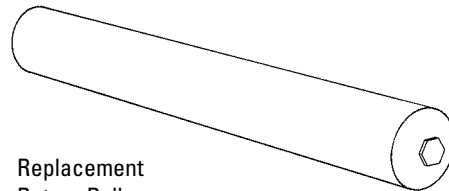


Stabilizing Return Roller

Replacement Return Rollers*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	ERR24	76010	20.5
30	750	ERR30	76011	25.8
36	900	ERR36	76012	31.0
42	1050	ERR42	76013	36.1
48	1200	ERR48	76014	41.3
54	1350	ERR54	76015	46.4
60	1500	ERR60	76016	57.6

*Exalon rollers
Lead time: 1 working day



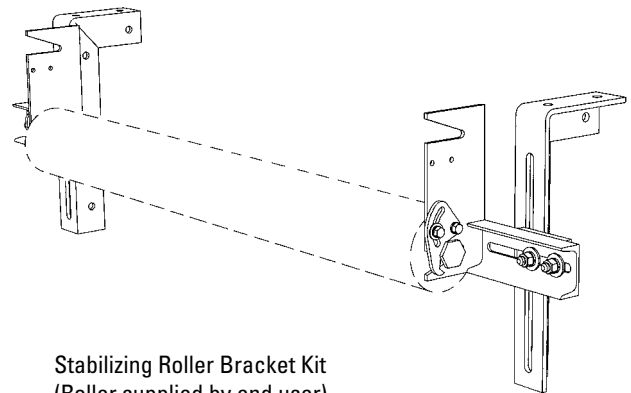
Replacement Return Roller

Stabilizing Roller Bracket Kit*

Provides universal brackets to mount the user's return roller as a hold-down (stabilizing) roller on top of the return side belt. Holds the belt flat so the belt cleaner can maximize its cleaning performance.

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Stabilizing Roller Bracket Kit	SRBK	74941	34.0

*Works with most CEMA C and D rollers.
Lead time: 1 working day



Stabilizing Roller Bracket Kit
(Roller supplied by end user)

Product Ordering Information

Optional Installation Tools

Tip Tension Scale

For easy checking of blade tension on all H-Type® Precleaners.

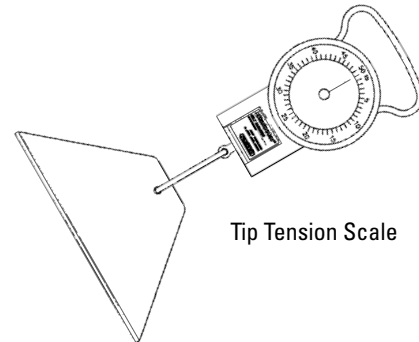
DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
H Tip Tension Scale	HTTS	74141	0.1

Lead time: 1 working day

Spring Tension Chart

CLEANER	HXF	H V-Tip	H Protected V-Tip	Hi-Temp V-Tip
Pounds	28#	18#	18#	18#
Kg	12.7	8.2	8.2	8.2

For installation and for retensioning blades during maintenance.



Tip Tension Scale

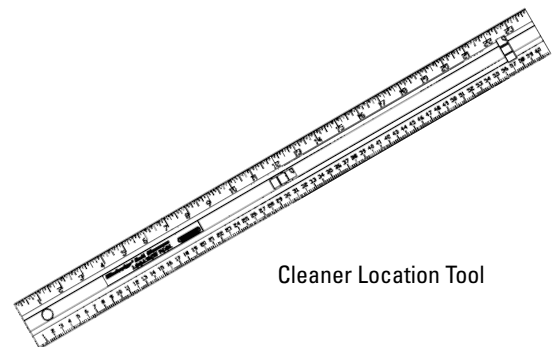
Cleaner Location Tool

Handy 2-in-1 tool for measuring and leveling during cleaner installation.

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Location Tool	ELT	74774	0.3

Length - 24"

Lead time: 1 working day



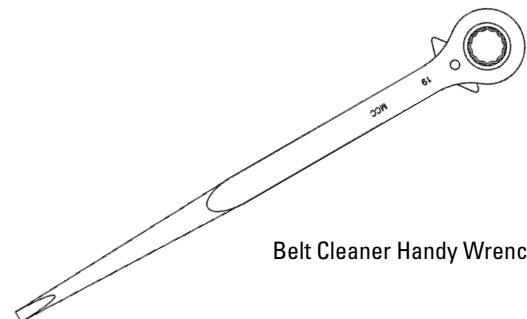
Cleaner Location Tool

Belt Cleaner Handy Wrench

A ratcheting wrench with 2 common socket sizes (11/16" & 3/4", 17mm & 19mm) for belt cleaner installation and maintenance.

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Belt Cleaner Handy Wrench	HW-BC	74100	1.2

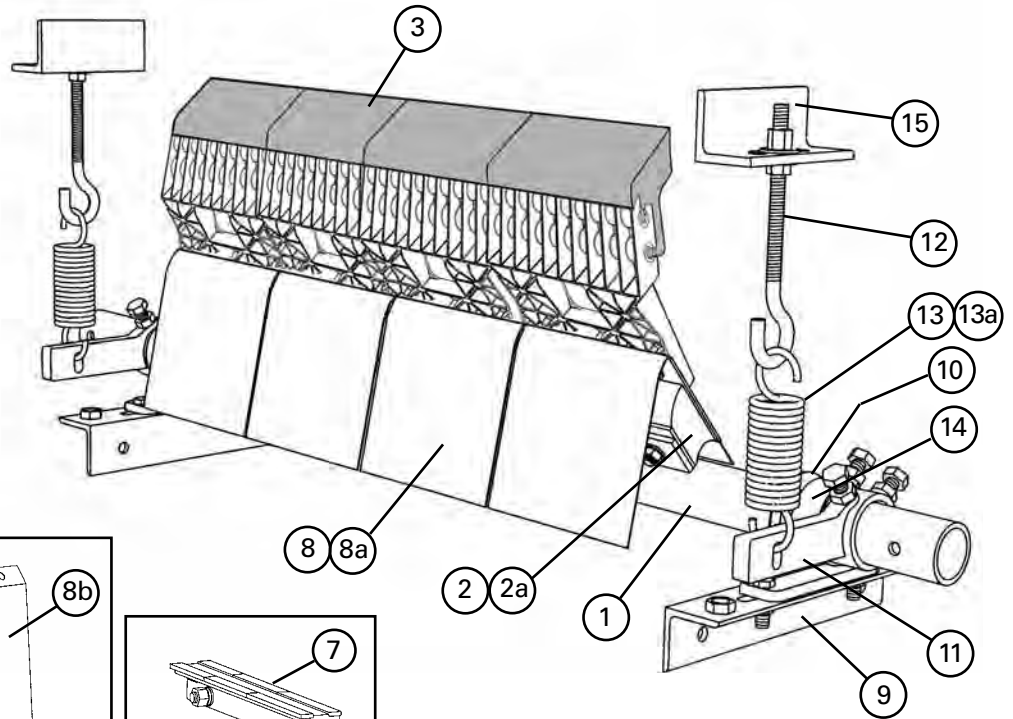
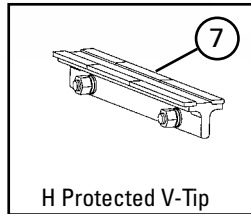
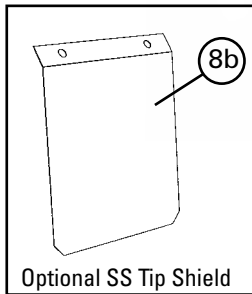
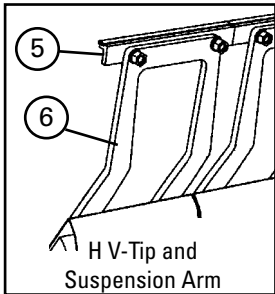
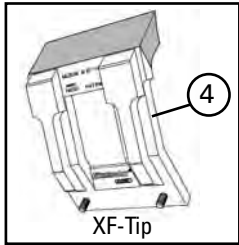
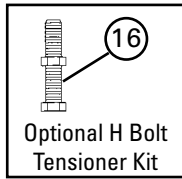
Lead time: 1 working day



Belt Cleaner Handy Wrench

Product Ordering Information

Old-Style H-Type® Cleaners Legacy Belt Cleaner Parts



Replacement Parts

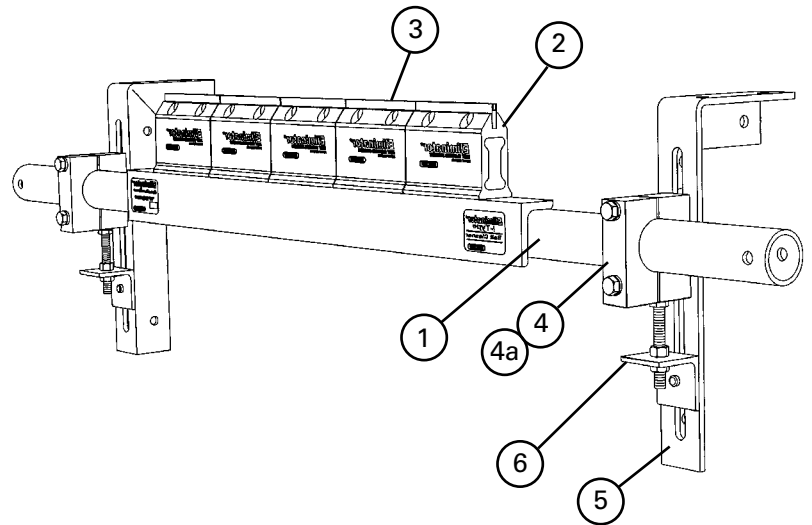
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	HP18	73027	23.0
	24" (600mm) Pole	HP24	73029	27.0
	30" (750mm) Pole	HP30	73031	29.0
	36" (900mm) Pole	HP36	73033	33.0
	42" (1050mm) Pole	HP42	73035	43.0
	48" (1200mm) Pole	HP48	73037	47.0
	54" (1350mm) Pole	HP54	73065	53.0
	60" (1500mm) Pole	HP60	73066	59.0
	72" (1800mm) Pole	HP72	73067	66.0
2	H2 XF-Tip Cushion* (for HXF2 & HV Tips)	HXFC2	75902	4.0
2a	H2 F-Tip Cushion* (for SS HXF2 & SS HV Tips)	HFC2	75901	4.0
3	HXF2-Tip Extra Small*	HXF2-SS	75979	3.0
	HXF2-Tip Small*	HXF2-S	75980	3.4
	HXF2-Tip Medium*	HXF2-M	75981	3.8
	HXF2-Tip Large*	HXF2-L	75982	4.1
4	H XF-Tip Extra Small*	HXF8SS	74307	3.4
	H XF-Tip Small*	HXF8S	74689	3.8
	H XF-Tip Medium*	HXF8M	74690	4.1
	H XF-Tip Large*	HXF8L	74691	4.5
5	H V-Tip (for vulcanized belts only)	HVT8	73042	1.0
	H SSS Suspension Arm*	HSA8SSS	75565	0.4
	H SS Suspension Arm*	HSA8SS	73047	0.5
	H S Suspension Arm*	HSA8S	73048	1.0
	H M Suspension Arm*	HSA8M	73049	1.5
	H L Suspension Arm*	HSA8L	73063	2.0
6	H LL Suspension Arm*	HSA8LL	73064	2.5
	H Protected V-Tip* (for vulcanized belts only)	HVPT	73631	2.7

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
8	H Polyshield	HPS8	73050	0.5
8a	H SS Cushion Shield	HSSCS	74772	0.6
8b	H SS Tip Shield	HSSTS	74771	0.5
9	H Mounting Bracket Repair Kit* (includes 1 mounting bracket)	HMRK	74582	10.0
10	H Bearing Repair Kit* (includes 1 bearing)	HBRK	73068	6.0
11	H Adjusting Arm Repair Kit* (includes 1 adjusting arm)	HARK	73069	6.0
-	H Mounting Kit (includes 2 ea. items 9, 10, & 11)	HMK	73054	24.4
12	J-Bolt Kit* (includes 1 ea.)	STJ-K	78785	0.7
13	Tension Spring (includes 1 ea.) for 18" (450mm)	STTS	74419	1.4
13a	HD Tension Spring (includes 1 ea.) for sizes 24" to 72" (600-1800mm)	HDTS	74502	2.0
15	Spring Tensioner J-Bolt Mount (incl. 1 ea.)	STJM	74775	3.0
-	Spring Tension Kit - Single (incl. 1 ea. items 12,13, & 15 and 2 ea. item 14)	STKS	74505	6.8
-	Spring Tension Kit - Dual (includes 2 ea. items 12,13,14 & 15)	STKD	74504	11.2
-	Spring Tension Kit HS - Single (incl. 1 ea. items 12,13a, & 15 and 2 ea. item 14)	STKHSS	74313	8.0
-	Spring Tension Kit HS - Dual (includes 2 ea. items 12,13a,14 & 15)	STKHSD	74316	16.0
16	H Bolt Tensioner Kit (includes 2 adjusting bolts & 2 jam nuts)	HBTK	74776	0.5

*Hardware included
Pole Diameter - 2-3/8" (60mm)
Lead time: 1 working day

Shaded items are made to order.
Lead time: 10 working days

Product Ordering Information



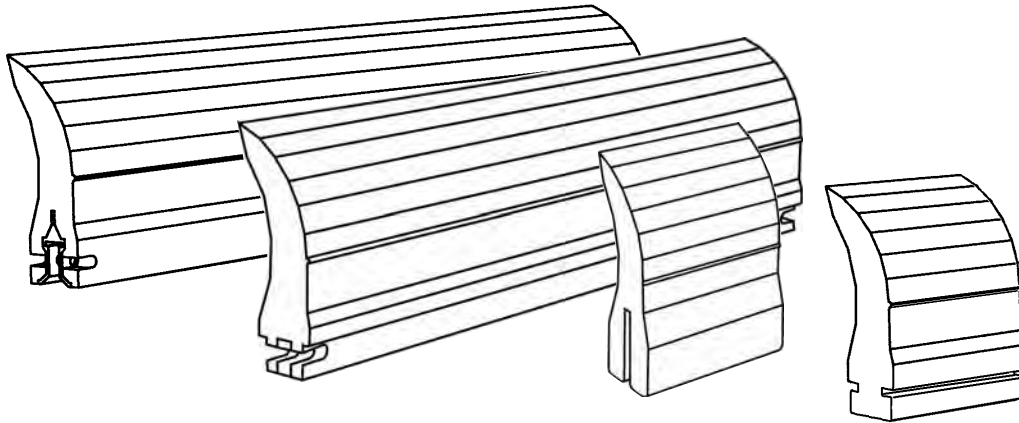
I-Type™ Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	EZS2P18	75652	25.0
	24" (600mm) Pole	EZS2P24	75653	28.0
	30" (750mm) Pole	EZS2P30	75654	30.0
	36" (900mm) Pole	EZS2P36	75655	34.0
	42" (1050mm) Pole	EZS2P42	75656	36.0
	48" (1200mm) Pole	EZS2P48	75657	39.0
	54" (1350mm) Pole	EZS2P54	75658	42.0
	60" (1500mm) Pole	EZS2P60	75659	77.0
	72" (1800mm) Pole	EZS2P72	75660	89.0
2	I Standard Cushion*	ISC	74534	2.1
3	I C-Tip* (for mechanically spliced and vulcanized belts)	ICT6	74535	0.7
4	Pole Clamp Kit* (1 ea.)	EZS2PCK	75665	10.0
4a	HD Clamp Kit* (for sizes 60" to 72") (1 ea.)	EZS2HDPCCK	75769	11.4
5	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	13.0
6	Adjusting Bracket Kit* (1 ea.)	EZS2ABK	75664	2.0
-	Mounting Kit* (incl. 1 ea. items 4, 5 & 6)	EZS2MK	75667	31.5
-	HD Mounting Kit* (for sizes 60" to 72") (incl. 1 ea. items 4a, 5 & 6)	EZS2HDMK	75770	31.9
-	Select Set™ Tension Kit* (for 18" to 54") (incl. 1 ea. items 4 & 6)	SSTK	74883	34.0

*Hardware included.
Pole Diameter - 2-3/8" (60mm)
Lead time: 1 working day

Part Number Cross-Reference Guide

ConShear™ Replacement Blades for OEM Belt Cleaners



ConShear™ Blade Technology

The patented urethane blade design that delivers a conforming and shearing action to provide consistent belt cleaning.

- **Faceted Profile** - the blade forms a new cleaning edge each time the blade wears down to a new faceted section.
- **Long Wearing** - a proprietary urethane blend that provides up to 30% more wear life than conventional solid blades.
- **Material Path Option** - choose the blade size that spans just the material path on the belt. This minimizes differential wear between the ends and the center of the blade. It allows the blade to conform better to the belt for more cleaning power. See Page 101 for more information.
- **Replacement Indicator** - a molded-in wear line provides easy visual notice when the blade is worn out and needs to be replaced.
- **Quick, Easy Change-Out** - simply pull one pin, remove the worn blade, insert the new blade and replace the pin.

For best cleaning and wear life results the ConShear blade must be located against the conveyor head pulley in the correct position and must be tensioned properly.
See Page 87 for proper blade installation and tensioning instructions.

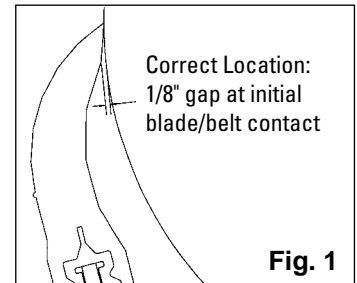
Installation and Tensioning Tips

ConShear™ Replacement Blades for OEM Belt Cleaners

For optimal cleaning efficiency and long wear life, the ConShear™ blade must be located and tensioned correctly on the belt head pulley. If the OEM cleaner pole is in the wrong location the performance of the new blade may be adversely affected. See "Possible Problems" below. For tensioning, please follow these instructions. Our recommended tensioning may be as much as 2 times more than the OEM recommendation, but the added tension is needed to take full advantage of the ConShear Blade Technology.

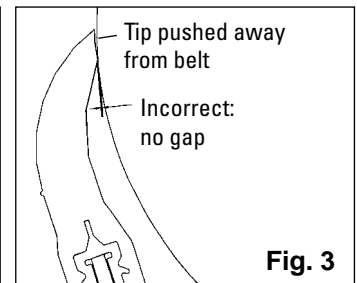
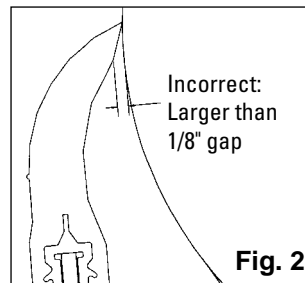
Correct Location:

When blade contact is made against the head pulley (prior to tensioning) there should be a 1/16" to 1/8" gap at the bottom of the blade face (Fig. 1).



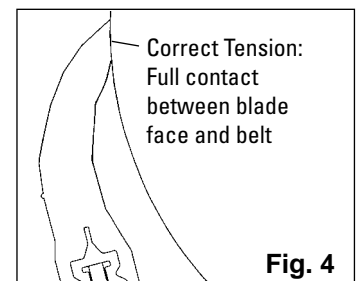
Possible Problems:

- **Pole location too far out** - The initial blade/belt contact gap will be larger than 1/8" (Fig. 2). If the blade is correctly tensioned it may flip through before it is fully worn. If tensioned too lightly, it will develop the "smile effect" quickly and not clean properly.
- **Pole location too far in** - If there is no gap at the initial blade/belt contact (Fig. 3), the tip of the blade may not be touching the belt. In this case, the blade will push away and lose its shearing (cleaning) effect. The blade may also develop a flap at the tip which may trap material.



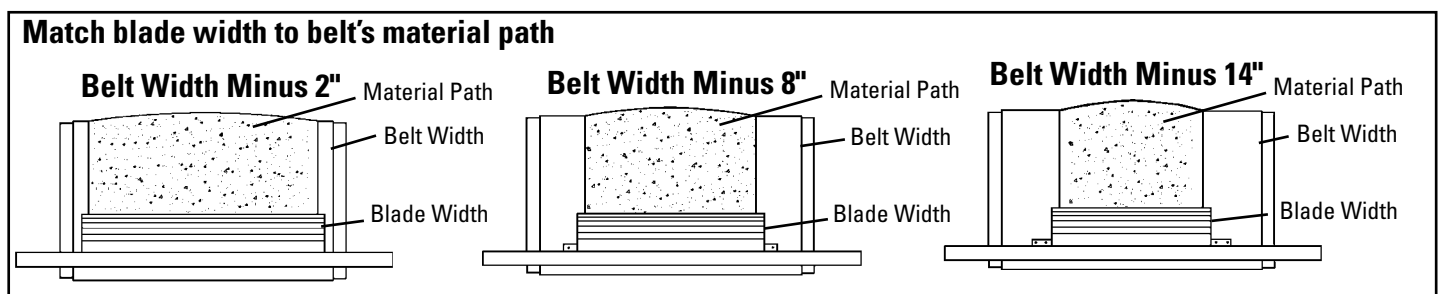
Correct Tensioning:

The blade should be tensioned until the gap is gone (Fig. 4).



The "Material Path" Option

For optimal cleaning and reduced blade retensioning, the cleaner blade width should be sized to fit the material path of the belt. The material path is typically the center 2/3 of the belt width. Choosing a blade only slightly wider than the material path can decrease differential blade wear which reduces blade retensioning maintenance, as well as reducing the frequency of blade replacement.



Part Number Cross-Reference Guide

Cross-Reference for Replacement of Martin® QC® #1 Standard Blades and Martin® Pit Viper™ Standard Blades

Ordering Information

BELT WIDTH	ACTUAL BLADE LENGTH	ORDERING NUMBER	CONSHEAR™ ITEM CODE	MARTIN® QC #1® PART NUMBER	MARTIN® PIT VIPER™ PART NUMBER	WT. LBS.
12"	10"	CRB10	75628	32773-1211	PV1211100R	4.6
18"	16"	CRB16	75629	32773-1811	PV1811160R	7.3
24"	22"	CRB22	75630	32773-2411	PV2411220R	10.1
30"	28"	CRB28	75631	32773-3011	PV3011280R	12.8
36"	34"	CRB34	75632	32773-3611	PV3611340R	15.5
42"	40"	CRB40	75633	32773-4211	PV4211400R	18.3
48"	46"	CRB46	75634	32773-4811	PV4811460R	21.0
54"	52"	CRB52	75635	32773-5411	PV5411520R	23.8
60"	58"	CRB58	75636	32773-6011	PV6011580R	26.5
72"	70"	CRB70	75773	32773-7211	PV7211700R	32.0

Additional blade sizes are available upon request. Call for pricing.

NOTE: Blade coverage is 2 inches less than belt width.

Lead time: 1 working day

NOTE: Also works on Baker-Bohnert Yellow Jacket™ Primary Cleaners.

Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
EZP1BP	75642	0.1

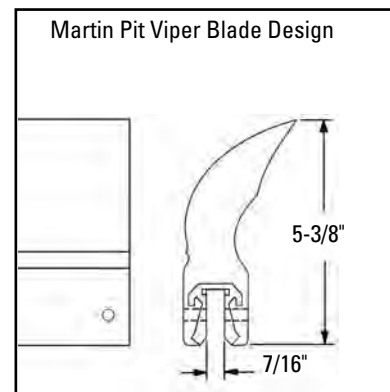
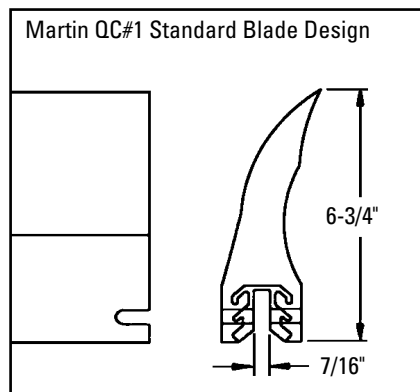
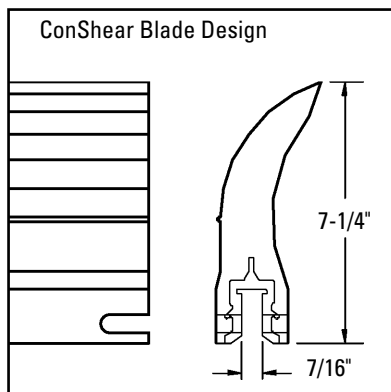
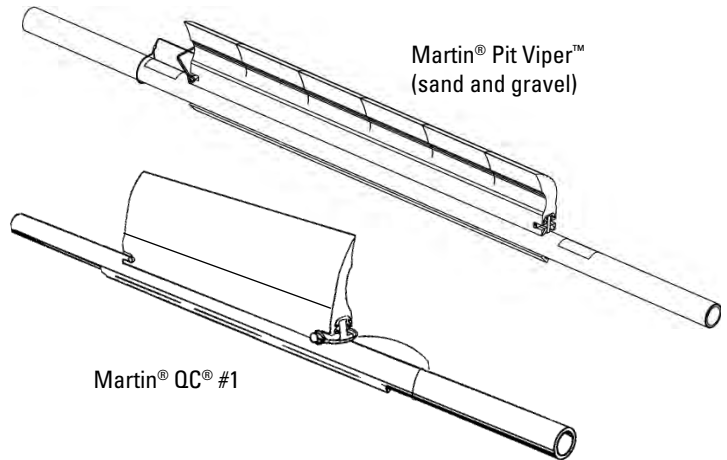
Lead time: 1 working day

Specifications

SLOT WIDTH	POLE PLATE THICKNESS	CONSHEAR BLADE HEIGHT	QC#1 BLADE HEIGHT
7/16"	5/16"	7-1/4"	6-3/4"

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Martin® QC™ #1	28"	3.00 in ²	84.0 in ³
Martin® Pit Viper™	28"	4.20 in ²	117.6 in ³
ConShear™	28"	5.50 in ²	154.0 in ³



U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.

Martin® and QC® #1 are registered trademarks, and Pit Viper™ is a trademark of Martin Engineering, Neponset, IL.

Yellow Jacket™ is a trademark of Baker-Bohnert, Louisville, KY

Part Number Cross-Reference Guide

Cross-Reference for Replacement of Martin® QC® #1 Heavy-Duty Blades

Ordering Information

BELT WIDTH	ACTUAL BLADE LENGTH	ORDERING NUMBER	CONSHEAR™ ITEM CODE	MARTIN® PART NUMBER	WT. LBS.
18"	12"	RBQC1HD-12	75985	35381-1811	5.5
24"	18"	RBQC1HD-18	75986	35381-2411	8.3
30"	24"	RBQC1HD-24	75987	35381-3011	11.0
36"	30"	RBQC1HD-30	75988	35381-3611	13.8
42"	36"	RBQC1HD-36	75989	35381-4211	16.6
48"	42"	RBQC1HD-42	75990	35381-4811	19.3
54"	48"	RBQC1HD-48	75991	35381-5411	22.1
60"	54"	RBQC1HD-54	75992	35381-6011	24.8
72"	66"	RBQC1HD-66	75993	35381-7211	30.4

Additional blade sizes are available upon request. Call for pricing.

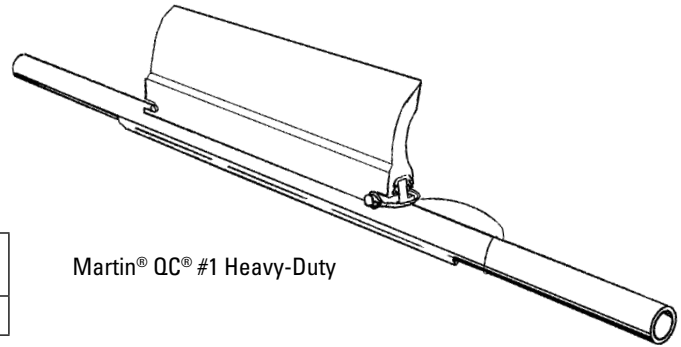
NOTE: Blade coverage is 6 inches less than belt width.

Lead time: 1 working day

Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
RB38BP	79481	0.2

Lead time: 1 working day



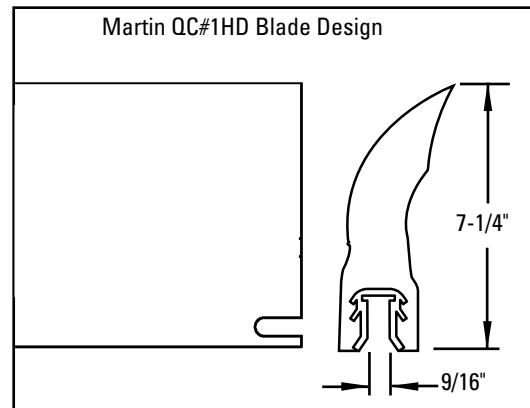
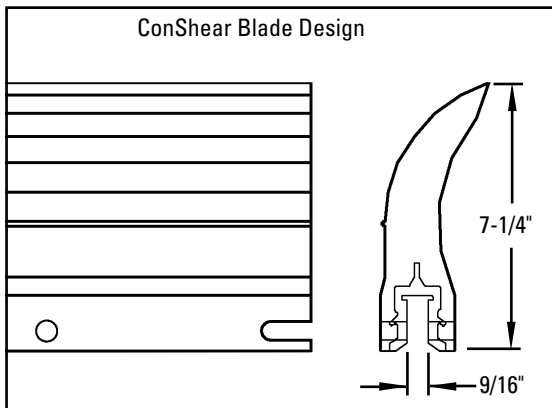
Martin® QC® #1 Heavy-Duty

Specifications

SLOT WIDTH	POLE PLATE THICKNESS	CONSHEAR BLADE HEIGHT	QC#1HD BLADE HEIGHT
9/16"	1/2"	7-1/4"	7-1/4"

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Martin® QC™ #1 HD	28"	6.65 in ²	186.2 in ³
ConShear™	28"	5.50 in ²	154.0 in ³



U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.

Martin® and QC® #1 are registered trademarks of Martin Engineering, Neponset, IL.

Part Number Cross-Reference Guide

Cross-Reference for Replacement of Arch-Gordon Saber® Primary Blades

Ordering Information

BELT WIDTH	ACTUAL BLADE LENGTH	ORDERING NUMBER	CONShear™ ITEM CODE	ARCH/GORDON PART NUMBER	WT. LBS.
18"	16"	RBAGS-16	75995	MRBSB000180000	7.3
18"	18"	RBAGS-18	76967	MRBSB00018F000	8.2
24"	22"	RBAGS-22	75996	MRBSB000240000	10.1
24"	24"	RBAGS-24	76968	MRBSB00024F000	11.0
30"	28"	RBAGS-28	75997	MRBSB000300000	12.8
30"	30"	RBAGS-30	76969	MRBSB00030F000	13.7
36"	34"	RBAGS-34	75998	MRBSB000360000	15.5
36"	36"	RBAGS-36	76970	MRBSB00036F000	16.5
42"	40"	RBAGS-40	75999	MRBSB000420000	18.3
42"	42"	RBAGS-42	76971	MRBSB00042F000	19.2
48"	46"	RBAGS-46	76028	MRBSB000480000	21.0
48"	48"	RBAGS-48	76972	MRBSB00048F000	21.9
54"	52"	RBAGS-52	76029	MRBSB000540000	23.8
54"	54"	RBAGS-54	76973	MRBSB00054F000	24.7
60"	58"	RBAGS-58	76030	MRBSB000600000	26.5
60"	60"	RBAGS-60	76974	MRBSB00060F000	27.4
72"	70"	RBAGS-70	76031	MRBSB000720000	32.0
72"	72"	RBAGS-72	76975	MRBSB00072F000	32.9
84"	84"	RBAGS-84	76976	MRBSB00084F000	38.4

Additional blade sizes are available upon request. Call for pricing.

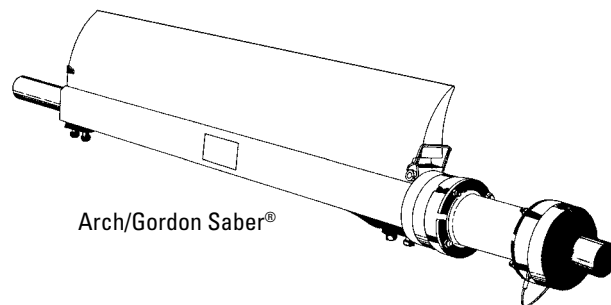
Lead time: 1 working day

NOTE: Also works on Falcon Primary Cleaners (Canada).

Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
EZP1BP	75642	0.1

Lead time: 1 working day



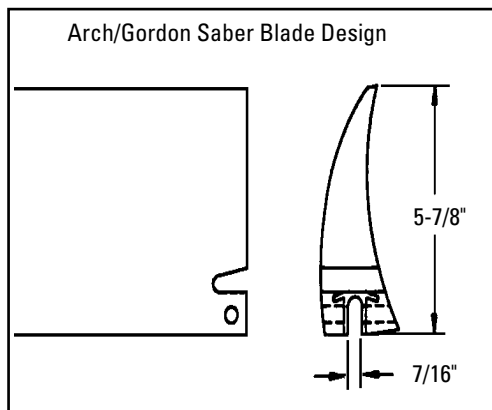
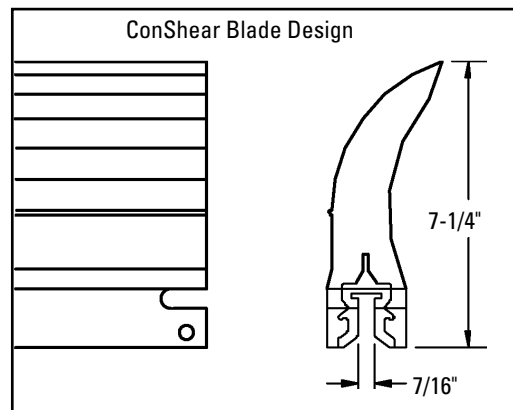
Arch/Gordon Saber®

Specifications

SLOT WIDTH	POLE PLATE THICKNESS	CONShear BLADE HEIGHT	SABER BLADE HEIGHT
7/16"	3/8"	7-1/4"	5-7/8"

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Arch/Gordon Saber®	28"	3.06 in ²	85.7 in ³
ConShear™	28"	5.50 in ²	154.0 in ³



U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.

Saber® is a registered trademark of Arch Environmental Equipment Inc., Paducah, KY.

Part Number Cross-Reference Guide

Cross-Reference for Replacement of Arch/Gordon Saber (SCM) Channel Mount Blades

Ordering Information

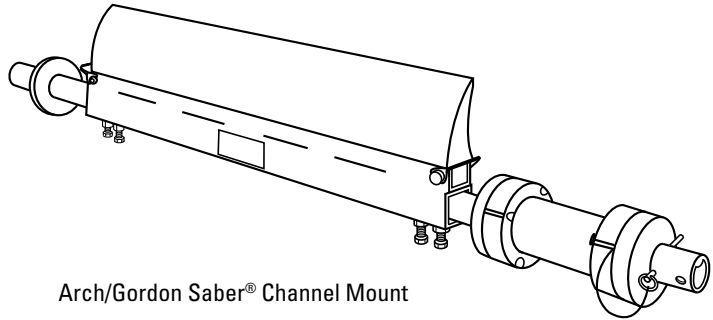
BELT WIDTH	ACTUAL BLADE LENGTH	ORDERING NUMBER	CON SHEAR™ ITEM CODE	ARCH/GORDON PART NUMBER	ARCH/GORDON OLD PART NUMBER	WT. LBS.
18"	16"	RBAGSCM-16	76572	MRBCM00018	SCM-016-18	7.3
24"	22"	RBAGSCM-22	76573	MRBCM00024	SCM-016-24	10.1
30"	28"	RBAGSCM-28	76574	MRBCM00030	SCM-016-30	12.8
36"	34"	RBAGSCM-34	76575	MRBCM00036	SCM-016-36	15.5
42"	40"	RBAGSCM-40	76576	MRBCM00042	SCM-016-42	18.3
48"	46"	RBAGSCM-46	76577	MRBCM00048	SCM-016-48	21.0
54"	52"	RBAGSCM-52	76578	MRBCM00054	SCM-016-54	23.8
60"	58"	RBAGSCM-58	76579	MRBCM00060	SCM-016-60	26.5
72"	70"	RBAGSCM-70	76581	MRBCM00072	SCM-016-72	32.0

Additional blade sizes are available upon request. Call for pricing.
NOTE: Blade coverage is 2 inches less than belt width.

Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
EZP1BP	75642	0.1

Lead time: 1 working day



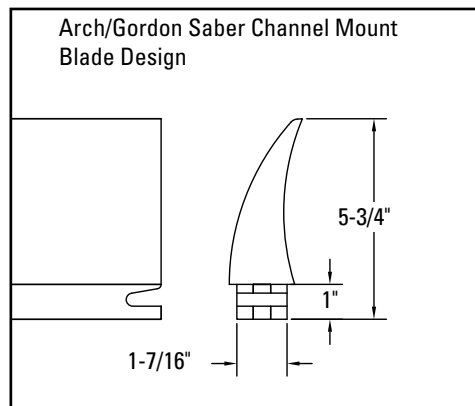
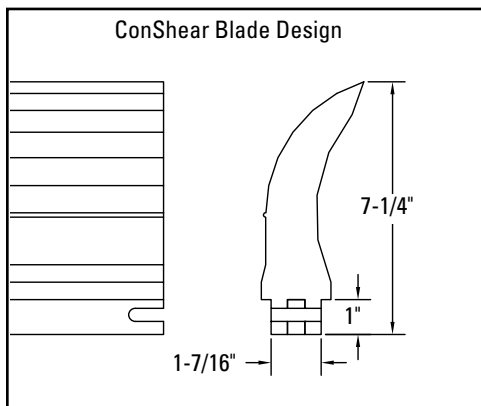
Arch/Gordon Saber® Channel Mount

Specifications

BASE WIDTH	CON SHEAR BLADE HEIGHT	CHANNEL MOUNT BLADE HEIGHT
1-7/16"	7-1/4"	5-3/4"

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Arch/Gordon Saber® Channel Mount	28"	3.06 in ²	85.7 in ³
ConShear™	28"	5.50 in ²	154.0 in ³



U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.
Saber® is a registered trademark of Arch Environmental Equipment Inc., Paducah, KY.

Part Number Cross-Reference Guide

Cross-Reference for Replacement of ASGCO® Skalper® IV Blades*

Ordering Information

BELT WIDTH	ACTUAL BLADE LENGTH	ORDERING NUMBER	CONSHEAR™ ITEM CODE	ASGCO® PART NUMBER	WT. LBS.
18"	18"	RBAS4-18	76032	ASG-SK4-18A	8.3
24"	24"	RBAS4-24	76033	ASG-SK4-24A	11.0
30"	30"	RBAS4-30	76034	ASG-SK4-30A	13.8
36"	36"	RBAS4-36	76035	ASG-SK4-36A	16.6
42"	42"	RBAS4-42	76036	ASG-SK4-42A	19.3
48"	48"	RBAS4-48	76037	ASG-SK4-48A	22.1
54"	54"	RBAS4-54	76038	ASG-SK4-54A	24.8
60"	60"	RBAS4-60	76039	ASG-SK4-60A	27.6
72"	72"	RBAS4-72	76040	ASG-SK4-72A	33.1

Additional blade sizes are available upon request. Call for pricing.

NOTE: Blade coverage is the same as the belt width.

Blade design is identical to Argonics replacement blade, except for length. Can be interchanged.

*Also interchangeable with ASGCO® Skalper® III Blades.

Lead time: 1 working day

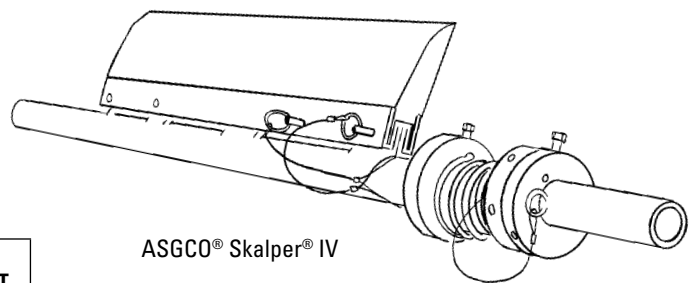
Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
RB38BP	79481	0.2

Lead time: 1 working day

Specifications

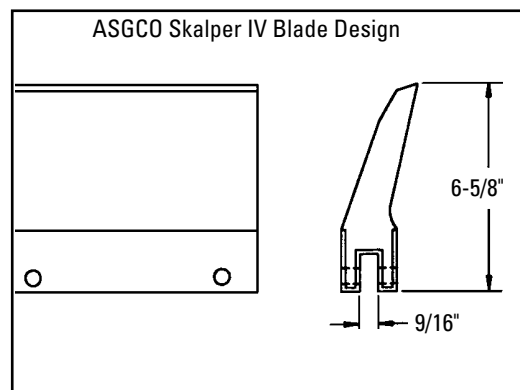
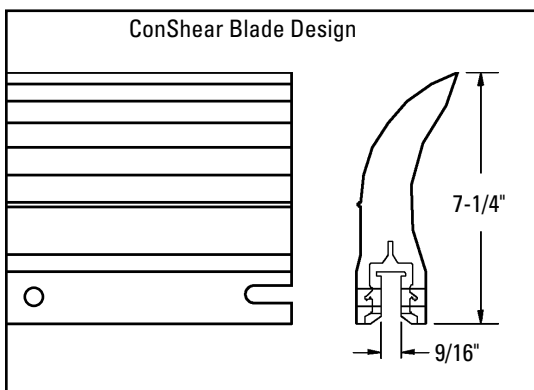
SLOT WIDTH	POLE PLATE THICKNESS	CONSHEAR BLADE HEIGHT	SKALPER BLADE HEIGHT
9/16"	1/2"	7-1/4"	6-5/8"



ASGCO® Skalper® IV

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
ASGCO® Skalper® IV	28"	3.29 in ²	92.1 in ³
ConShear™	28"	5.50 in ²	154.0 in ³



U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.

ASGCO® and Skalper® are registered trademarks of ASGCO Mfg, Inc., Allentown, PA.

Part Number Cross-Reference Guide

Cross-Reference for Replacement of Argonics™ Raptor™ Blades

Ordering Information

BELT WIDTH	ACTUAL BLADE LENGTH	ORDERING NUMBER	CON SHEAR™ ITEM CODE	ARGONICS PART NUMBER	WT. LBS.
12"	10"	RBAER-10	76041	CP-RE-10-G83	4.6
18"	16"	RBAER-16	76042	CP-RE-16-G83	7.3
24"	22"	RBAER-22	76043	CP-RE-22-G83	10.1
30"	28"	RBAER-28	76044	CP-RE-28-G83	12.8
36"	34"	RBAER-34	76045	CP-RE-34-G83	15.5
42"	40"	RBAER-40	76046	CP-RE-40-G83	18.3
46"	44"	RBAER-44	76655	CP-RE-44-G83	20.1
48"	46"	RBAER-46	76047	CP-RE-46-G83	21.0
54"	52"	RBAER-52	76048	CP-RE-52-G83	23.8
60"	58"	RBAER-58	76049	CP-RE-58-G83	26.5
72"	70"	RBAER-70	76050	CP-RE-70-G83	32.0

Additional blade sizes are available upon request. Call for pricing.

NOTE: Blade coverage is 2 inches less than the belt width.

Blade design is identical to ASGCO replacement blade, except for length. Can be interchanged.

Lead time: 1 working day

Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
RB38BP	79481	0.2

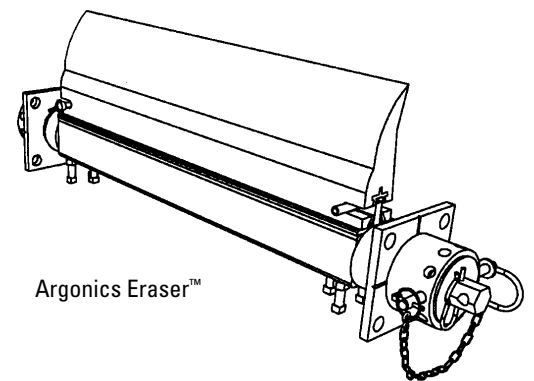
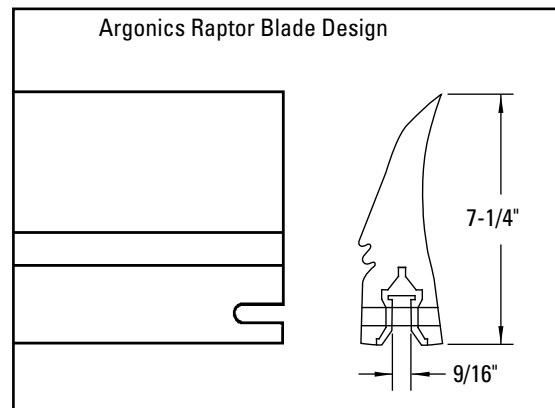
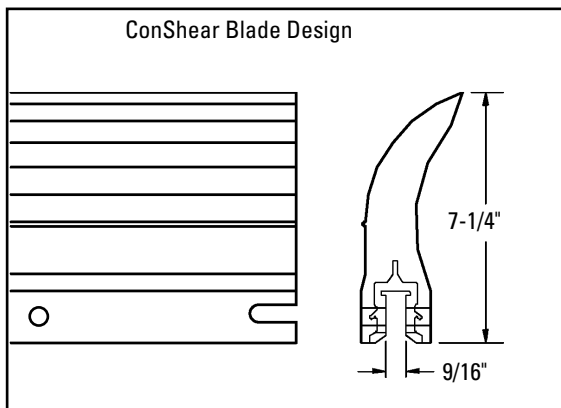
Lead time: 1 working day

Specifications

SLOT WIDTH	POLE PLATE THICKNESS	CON SHEAR BLADE HEIGHT	RAPTOR BLADE HEIGHT
9/16"	1/2"	7-1/4"	7-1/4"

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Argonics™ Raptor™	28"	4.25 in ²	119.0 in ³
ConShear™	28"	5.50 in ²	154.0 in ³



Argonics Eraser™

U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.

Eraser™ and Raptor™ are registered trademarks of Argonics, Inc., Marquette, MI.

Part Number Cross-Reference Guide

Cross-Reference for Replacement of Stephens-Adamson Metso/Trellex Blades

Ordering Information

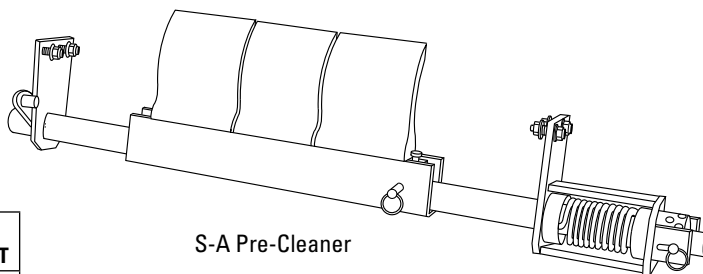
ACTUAL BLADE LENGTH	ORDERING NUMBER	CONSHEAR™ ITEM CODE	SA PART NUMBER	WT. LBS.
6"	RB6SA	76570	ABC90	3.1

Blades fit into cartridge that mounts on the pole.
Lead time: 1 working day

Cleaner Blades Required Per Belt Width

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
Blades Required	2	3	4	5	6	7	8	9	11

NOTE: Blade coverage is 6 inches less than the belt width.

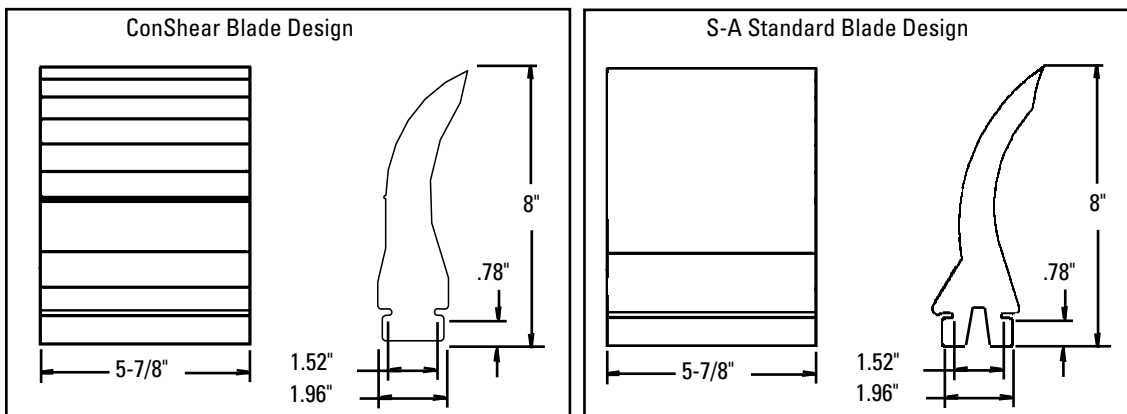


Specifications

BASE WIDTH	BASE HEIGHT	CONSHEAR BLADE HEIGHT	S-A BLADE HEIGHT
1.96"	.78"	8"	8"

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
S-A Metso/Trellex	6"	3.88 in ²	22.8 in ³
ConShear™	6"	5.50 in ²	33.0 in ³



U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.

Part Number Cross-Reference Guide

Cross-Reference for Replacement of Martin® Durt Hawg® Precleaner Blades

Ordering Information

ACTUAL BLADE LENGTH	ORDERING NUMBER	CON SHEAR™ ITEM CODE	MARTIN® PART NUMBER	WT. LBS.
6"	RB6DH	76571	27987-C	3.3

Lead time: 1 working day

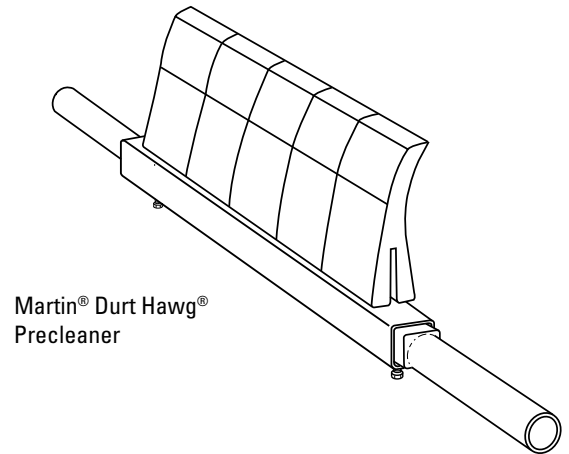
Cleaner Blades Required Per Belt Width

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
Blades Required	2	3	4	5	6	7	8	9	11

NOTE: Blade coverage is 6 inches less than the belt width.

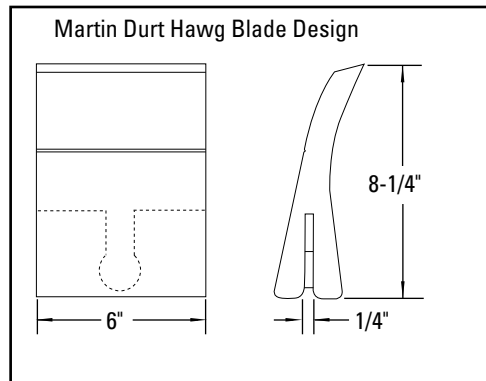
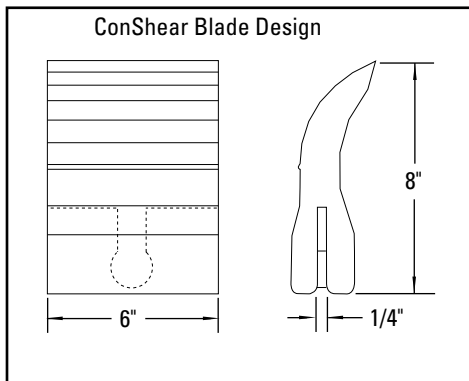
Specifications

SLOT WIDTH	CON SHEAR BLADE HEIGHT	DURT HAWG BLADE HEIGHT
1/4"	8"	8 1/4"



Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Martin® Durt Hawg	6"	3.80 in ²	22.2 in ³
ConShear™	6"	5.50 in ²	33.0 in ³



U.S. Patent No. D482,508S
ConShear™ is a trademark of Flexible Steel Lacing Company. Martin® and Durt Hawg® are registered trademarks of Martin Engineering, Neponset, IL.

Product Ordering Information

V-Plow



V-Plow*

SIZE	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Extra Small	18-24	450-600	CBV-XS	73131	53.0
Small	30-36	750-900	CBV-S	73132	65.0
Medium	42-48	1050-1200	CBV-M	73133	74.0
Large	54-60	1350-1500	CBV-L	73134	84.0
72"	72	1800	CBV-72	74389	150.0
84"	84	2100	CBV-84	74390	175.0
96"	96	2400	CBV-96	74391	200.0

*Use next larger size for belt widths between ranges.
Lead time: 1 working day

Replacement Blade Kits*

SIZE	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Extra Small	18-24	450-600	VBK-XS	73190	4.5
Small	30-36	750-900	VBK-S	73191	6.0
Medium	42-48	1050-1200	VBK-M	73192	7.5
Large	54-60	1350-1500	VBK-L	73193	9.0
72"	72	1800	VBK-72	74457	13.0
84"	84	2100	VBK-84	74458	15.0
96"	96	2400	VBK-96	74459	17.0

*Kit includes blades and replacement blade bolts.
Lead time: 1 working day



Optional Urethane Blade Kits*

Typically provides 3 to 5 times longer wear life.

SIZE	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Extra Small	18-24	450-600	VUBK-XS	75570	5.4
Small	30-36	750-900	VUBK-S	75571	8.0
Medium	42-48	1050-1200	VUBK-M	75572	10.5
Large	54-60	1350-1500	VUBK-L	75573	13.0
72"	72	1800	VUBK-72	75574	15.9
84"	84	2100	VUBK-84	75575	18.5
96"	96	2400	VUBK-96	75576	21.0

*Kit includes blades and replacement blade bolts.
Lead time: 1 working day

Shaded items are made to order.
Lead time: 10 working days

Product Notes:

- Exclusive blade design - 20° slant on leading edge spirals debris off the belt.
- Self-adjusting blade - the blade floats on the belt and self-adjusts as it wears.
- Unique blade adjuster - turnbuckle-type adjuster allows the blade to be accurately positioned to the belt.
- Easy to install - comes fully assembled and can be placed right into position on the conveyor.

Product Ordering Information

Diagonal Plow

Diagonal Plows*

SIZE	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Small	18-30	450-750	RDP1-S	74692	45.0
Medium	36-42	900-1050	RDP1-M	74693	56.0
Large	48-60	1200-1500	RDP1-L	74694	70.0
Extra Large	72-84	1800-2100	RDP1-XL	74695	96.0

*Use next larger size for belt widths between ranges.

Lead time: 1 working day



Replacement Blade Kits*

SIZE	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Small	18-30	450-750	RDPBK-S	74699	4.0
Medium	36-42	900-1050	RDPBK-M	74700	5.6
Large	48-60	1200-1500	RDPBK-L	74701	8.4
Extra Large	72-84	1800-2100	RDPBK-XL	74702	12.0

*Kit includes blade and replacement blade bolts.

Lead time: 1 working day



Product Notes:

- A belt cleaner for the tail pulley. Prevents damage to the belt, pulley, lagging, and belt splice.
- Keeps fugitive materials off the inside of the belt and out of the tail pulley.
- Installed at a 45° angle across the belt to discharge material to one predetermined side.
- The blade is installed in a fixed position, eliminating any bouncing problems.
- Exclusive 20° angled blade quickly spirals material off the belt.

Specifications & Guidelines

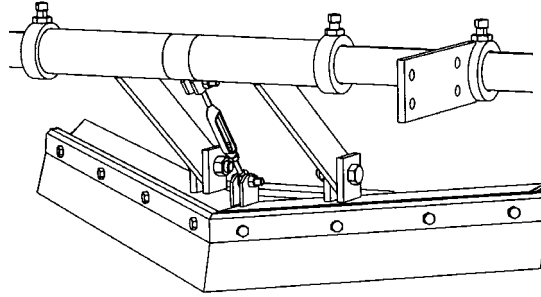
V-Plow & Diagonal Plow

V-Plow

Belt Width Specifications

SIZE	BELT WIDTH (Min-Max)	
	in.	mm
Extra Small	18-24	450-600
Small	30-36	750-900
Medium	42-48	1050-1200
Large	54-60	1350-1500
72"	72	1800
84"	84	2100
96"	96	2400

Use next larger size for belt widths between ranges.

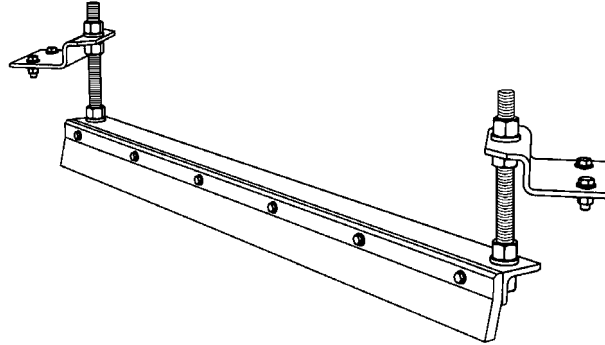


Diagonal Plow

Belt Width Specifications

SIZE	BELT WIDTH (Min-Max)	
	in.	mm
Small	18-30	450-750
Medium	36-42	900-1050
Large	48-60	1200-1500
Extra Large	72-84	1800-2100

Use next larger size for belt widths between ranges.



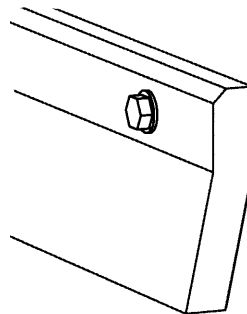
Application Guidelines

- Belt Splice..... Mechanically Fastened/Vulcanized
- Belt Speed..... 1000 FPM (5M/sec) for V-Plow; 700 FPM (3.5M/sec) for Diagonal Plow
- Belt Direction..... One Way

V-Plow & Diagonal Plow

Blade Specifications

Material	UHMWPE
Durometer	67-D
Working Temperature	
°F	-40° to 160°
°C	-40° to 71°
Grease & Chemical Resistance	Excellent
Sticky Material Performance	Excellent



Replacement Parts Lists

V-Plow & Diagonal Plow

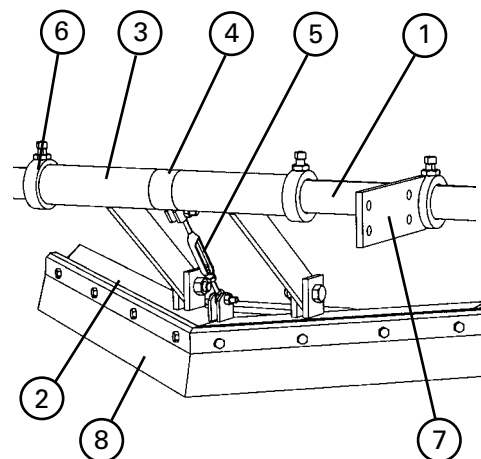
Replacement Parts - V-Plow

REF	DESCRIPTION	BELT WIDTH (Min-Max)		ORDERING NUMBER	ITEM CODE	WT. LBS.
		in.	mm			
1	V-Plow Pole XS	18-24	450-600	VPXS	73400	13.0
	V-Plow Pole S	30-36	750-900	VPS	73408	15.0
	V-Plow Pole M	42-48	1050-1200	VPM	73409	18.0
	V-Plow Pole L	54-60	1350-1500	VPL	73410	21.0
	V-Plow Pole 72	72	1800	VP72	74395	24.0
	V-Plow Pole 84	84	2100	VP84	74396	27.0
	V-Plow Pole 96	96	2400	VP96	74397	30.0
2	V-Plow Mainframe XS	18-24	450-600	VMFXS	73535	12.0
	V-Plow Mainframe S	30-36	750-900	VMFS	73549	15.0
	V-Plow Mainframe M	42-48	1050-1200	VMFM	74037	22.0
	V-Plow Mainframe L	54-60	1350-1500	VMFL	74038	28.0
	V-Plow Mainframe 72	72	1800	VMF72	74398	35.0
	V-Plow Mainframe 84	84	2100	VMF84	74399	42.0
	V-Plow Mainframe 96	96	2400	VMF96	74440	50.0
3	VP Main Linkage Kit* (1 ea.)			VMLK	74982	5.0
4	VP Center Sleeve			VCS	73533	1.0
5	V-Plow Adjuster Kit*			VAK	76416	0.5
6	VP Stop Collar* (1 ea.)			VSC	74983	1.0
7	VP Mounting Bracket Kit* (1 ea.)			VMBK	73399	5.0
REPLACEMENT BLADE KITS**						
8	Replacement Blade Kit XS	18-24	450-600	VBK-XS	73190	4.5
	Replacement Blade Kit S	30-36	750-900	VBK-S	73191	6.0
	Replacement Blade Kit M	42-48	1050-1200	VBK-M	73192	7.5
	Replacement Blade Kit L	54-60	1350-1500	VBK-L	73193	9.0
	Replacement Blade Kit 72	72	1800	VBK-72	74457	13.0
	Replacement Blade Kit 84	84	2100	VBK-84	74458	15.0
	Replacement Blade Kit 96	96	2400	VBK-96	74459	17.0

*Hardware included

**Kit includes blades and replacement blade bolts.

Lead time: 1 working day



Shaded items are made to order.
Lead time: 10 working days

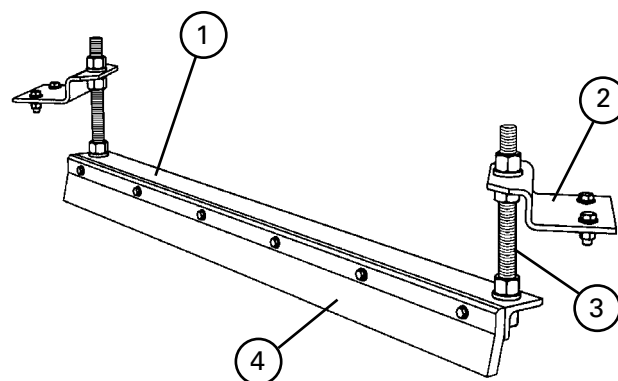
Replacement Parts - Diagonal Plow

REF	DESCRIPTION	BELT WIDTH (Min-Max)		ORDERING NUMBER	ITEM CODE	WT. LBS.
		in.	mm			
1	Small Plow Frame	18-30	450-750	RDPF-S	75566	18.1
	Medium Plow Frame	36-42	900-1050	RDPF-M	75567	26.3
	Large Plow Frame	48-60	1200-1500	RDPF-L	75568	38.4
	Extra Large Plow Frame	72-84	1800-2100	RDPF-XL	75569	60.7
2	Mounting Bracket Kit* (1 ea.)			RDPMBK	74698	6.1
3	Mounting Shaft Kit* (1 ea.)			RDPMSK	74705	3.6
REPLACEMENT BLADE KITS**						
4	Small Plow Blade Kit	18-30	450-750	RDPBK-S	74699	4.0
	Medium Plow Blade Kit	36-42	900-1050	RDPBK-M	74700	5.6
	Large Plow Blade Kit	48-60	1200-1500	RDPBK-L	74701	8.4
	Extra Large Plow Blade Kit	72-84	1800-2100	RDPBK-XL	74702	12.0

*Hardware included

**Kit includes blades and replacement blade bolts.

Lead time: 1 working day



It's the Structure, not the bars

It absorbs more impact to save your belt. Our exclusive Velocity Reduction Technology™ provides two levels of impact relief.

Level 1: Impact Bars first absorb impact energy. Unique Impact Bar Supports on all DRX Impact Beds allow the impact bars to function properly - expanding and absorbing more impact energy.

Level 2: On DRX200, 750 and 1500 impact beds, Isolation Mounts provide a second level of reaction force reduction, absorbing additional impact energy and minimizing transmission back to the belt. The DRX3000 Dynamic has Impact Energy Absorbers to disperse an immense amount of impact, even in extremely severe applications.

User-Friendly Slide-Out Service™

- All DRX Impact Beds separate in the middle to slide apart and out.
- Can be easily and safely converted from the run position to the service position.
- Impact bars are easy to get to for changeout. A complete changeout can be done in one or two hours.

Unique Impact Bar Supports protect the impact bars from damage, extending service life. An Anti-Migratory Tab on each support secures the bar and prevents it from sliding in the direction of the belt.

Other Features and Benefits

- Uses exclusive anti-spin square washers. Allows use of carriage bolts to secure impact bars instead of expensive T bolts.
- Center bars are tilted 3° inward to help center the load on the belt.

How to spec the correct impact bed for your conveyor transfer point

Impact Energy Calculation Chart

Roller Size and CEMA Rating

5" 6"

CEMA C D E

Belt Width _____

Troughing Angle: 20° 35°

Bed Length: 4' 5'

Impact Energy

Lump Weight (w) _____

Drop Height (h) x _____

Total = lb-ft _____ See Below

Up to 200 lb-ft— DRX200
 200 to 750 lb-ft— DRX750
 750 to 1500 lb-ft— DRX1500
 1500 to 3000 lb-ft— DRX3000

Product Ordering Information

DRX200 4' Beds, 20° Trough

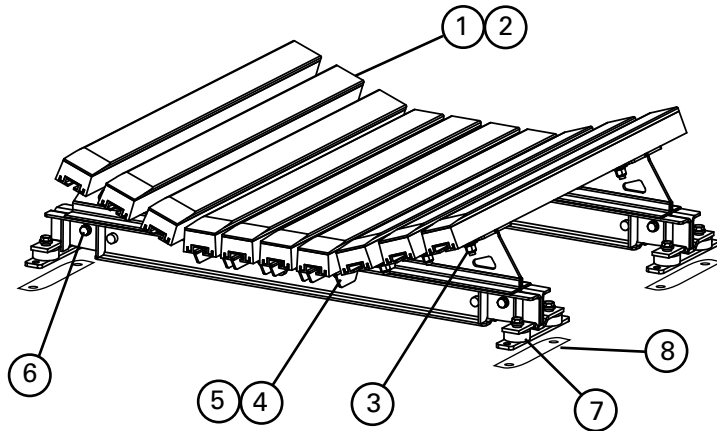
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	DRXL-24-420	76816	260.0
30	750	DRXL-30-420	76817	282.0
36	900	DRXL-36-420	76818	323.0
42	1050	DRXL-42-420	76819	412.0
48	1200	DRXL-48-420	76820	433.0
54	1350	DRXL-54-420	76821	498.0
60	1500	DRXL-60-420	76822	543.0
72	1800	DRXL-72-420	76823	615.0

Lead time: 10 working days

DRX200 5' Beds, 20° Trough

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	DRXL-24-520	76824	290.0
30	750	DRXL-30-520	76825	311.0
36	900	DRXL-36-520	76826	357.0
42	1050	DRXL-42-520	76827	459.0
48	1200	DRXL-48-520	76828	480.0
54	1350	DRXL-54-520	76829	554.0
60	1500	DRXL-60-520	76830	602.0
72	1800	DRXL-72-520	76831	679.0

Lead time: 10 working days



Impact Bed Size	Cema C or D, 5" IDLERS	CEMA C or D, 6" IDLERS
DRX200: 24"- 36"	Shim idler up 1/2"	No Kits Required
DRX200: 42"- 72"	No Kits Required	Use (1) SHIM-KITL; Shim up 0.5"

Impact Bed Size	CEMA E, 6" IDLERS	CEMA E, 7" IDLERS
DRX200: 36"-60"	Use (3) SHIM-KITL; Shim up 1.5"	Use (4) SHIM-KITL; Shim up 2"
DRX200: 72"	Use (4) SHIM-KITL; Shim up 2"	Use (5) SHIM-KITL; Shim up 2.5"

DRX200 4' Beds, 35° Trough

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	DRXL-24-435	76832	260.0
30	750	DRXL-30-435	76833	282.0
36	900	DRXL-36-435	76834	323.0
42	1050	DRXL-42-435	76835	412.0
48	1200	DRXL-48-435	76836	433.0
54	1350	DRXL-54-435	76837	498.0
60	1500	DRXL-60-435	76838	543.0
72	1800	DRXL-72-435	76839	615.0

Lead time: 10 working days

DRX200 5' Beds, 35° Trough

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	DRXL-24-535	76840	290.0
30	750	DRXL-30-535	76841	311.0
36	900	DRXL-36-535	76842	357.0
42	1050	DRXL-42-535	76843	459.0
48	1200	DRXL-48-535	76844	480.0
54	1350	DRXL-54-535	76845	554.0
60	1500	DRXL-60-535	76846	602.0
72	1800	DRXL-72-535	76847	679.0

Lead time: 10 working days

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Impact Bar, 4'	IB4	76926	17.0
2	Impact Bar, 5'	IB5	76927	21.2
3	Impact Bar Bolt Kit incl. (1) ea 5/8" carriage bolt, square washer, flat washer, lock washer, Nylock nut	IBBK	76928	0.5
4	Impact Bar Support - L 4' incl. (1) ea bar support, carriage bolt, square washer, lock washer, Nylock nut	IBS-L4	76929	16.8
5	Impact Bar Support - L 5' incl. (1) ea bar support, carriage bolt, square washer, lock washer, Nylock nut	IBS-L5	76930	21.0
6	Sliding Support Arm Bolt Kit incl. (2) 2" bolts, (2) lock washers, (2) Nylock nuts	ISABK-LMH	77529	2.0
7	Isolation Mount Kit	IMK	76936	3.8
8	DRX200 Shim Kit (incl. 4 shims)	SHIM-KITL	77548	13.6

Lead time: 1 working day

Replacement Bars, Bar Supports and Bolt Kits Required per Belt Width

	in.	24	30	36	42	48	54	60	72
	mm	600	750	900	1050	1200	1350	1500	1800
Impact Bar Supports Required		2	2	3	4	4	4	5	6
Impact Bars Required		6	6	7	10	10	12	13	14
Impact Bar Bolt Kits Required		14	14	17	24	24	28	31	34

Product Ordering Information

DRX750 Impact Beds

DRX750 4' Beds, 20° Trough

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	DRXM-24-420	76848	365.0
30	750	DRXM-30-420	76849	397.0
36	900	DRXM-36-420	76850	467.0
42	1050	DRXM-42-420	76851	592.0
48	1200	DRXM-48-420	76852	623.0
54	1350	DRXM-54-420	76853	704.0
60	1500	DRXM-60-420	76854	779.0
72	1800	DRXM-72-420	76855	896.0

Lead time: 10 working days

DRX750 4' Beds, 35° Trough

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	DRXM-24-435	76864	365.0
30	750	DRXM-30-435	76865	397.0
36	900	DRXM-36-435	76866	467.0
42	1050	DRXM-42-435	76867	592.0
48	1200	DRXM-48-435	76868	623.0
54	1350	DRXM-54-435	76869	704.0
60	1500	DRXM-60-435	76870	779.0
72	1800	DRXM-72-435	76871	896.0

Lead time: 10 working days

DRX750 5' Beds, 20° Trough

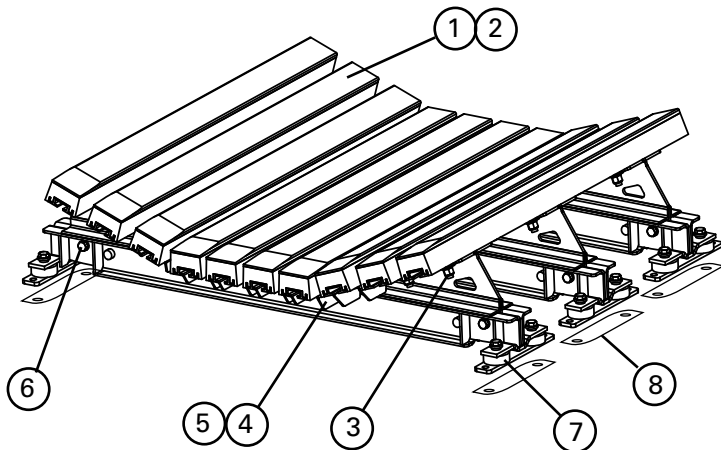
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	DRXM-24-520	76856	403.0
30	750	DRXM-30-520	76857	435.0
36	900	DRXM-36-520	76858	514.0
42	1050	DRXM-42-520	76859	656.0
48	1200	DRXM-48-520	76860	687.0
54	1350	DRXM-54-520	76861	777.0
60	1500	DRXM-60-520	76862	861.0
72	1800	DRXM-72-520	76863	985.0

Lead time: 10 working days

DRX750 5' Beds, 35° Trough

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	DRXM-24-535	76872	403.0
30	750	DRXM-30-535	76873	435.0
36	900	DRXM-36-535	76874	514.0
42	1050	DRXM-42-535	76875	656.0
48	1200	DRXM-48-535	76876	687.0
54	1350	DRXM-54-535	76877	777.0
60	1500	DRXM-60-535	76878	861.0
72	1800	DRXM-72-535	76879	985.0

Lead time: 10 working days



Impact Bed Size	Cema C or D, 5" IDLERS	CEMA C or D, 6" IDLERS
DRX750: 24"- 36"	Shim idler up 1/2"	No Kits Required
DRX750: 42"- 72"	No Kits Required	Use (1) SHIM-KITM; Shim up 0.5"

Impact Bed Size	CEMA E, 6" IDLERS	CEMA E, 7" IDLERS
DRX750: 36"-60"	Use (3) SHIM-KITM; Shim up 1.5"	Use (4) SHIM-KITM; Shim up 2"
DRX750: 72"	Use (4) SHIM-KITM; Shim up 2"	Use (5) SHIM-KITM; Shim up 2.5"

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Impact Bar, 4'	IB4	76926	17.0
2	Impact Bar, 5'	IB5	76927	21.2
3	Impact Bar Bolt Kit (incl. (1) ea 5/8" carriage bolt, square washer, flat washer, lock washer, Nylock nut)	IBBK	76928	0.5
4	Impact Bar Support -M 4' (incl. (1) bar support, (2) ea carriage bolt, square washer, lock washer, Nylock nut)	IBS-M4	76931	16.9
5	Impact Bar Support -M 5' (incl. (1) bar support, (2) ea carriage bolt, square washer, lock washer, Nylock nut)	IBS-M5	76932	21.2
6	Sliding Support Arm Bolt Kit (incl. (2) 2" bolts, (2) lock washers, (2) Nylock nuts)	ISABK-LMH	77529	2.0
7	Isolation Mount Kit	IMK	76936	3.8
8	DRX750 Shim Kit (incl. 6 shims)	SHIM-KITM	77549	20.4

Lead time: 1 working day

Replacement Bars, Bar Supports and Bolt Kits Required per Belt Width

in.	24	30	36	42	48	54	60	72
mm	600	750	900	1050	1200	1350	1500	1800
Impact Bar Supports Required	4	4	5	6	6	6	7	8
Impact Bars Required	6	6	7	10	10	12	13	14
Impact Bar Bolt Kits Required	26	26	31	42	42	48	53	58

Product Ordering Information

DRX1500 Impact Beds

DRX1500 4' Beds, 20° Trough

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	DRXH-24-420	76880	503.0
30	750	DRXH-30-420	76881	545.0
36	900	DRXH-36-420	76882	628.0
42	1050	DRXH-42-420	76883	806.0
48	1200	DRXH-48-420	76884	847.0
54	1350	DRXH-54-420	76885	977.0
60	1500	DRXH-60-420	76886	1,066.0
72	1800	DRXH-72-420	76887	1,210.0

Lead time: 10 working days

DRX1500 4' Beds, 35° Trough

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	DRXH-24-435	76896	503.0
30	750	DRXH-30-435	76897	545.0
36	900	DRXH-36-435	76898	628.0
42	1050	DRXH-42-435	76899	806.0
48	1200	DRXH-48-435	76900	847.0
54	1350	DRXH-54-435	76901	977.0
60	1500	DRXH-60-435	76902	1,066.0
72	1800	DRXH-72-435	76903	1,210.0

Lead time: 10 working days

DRX1500 5' Beds, 20° Trough

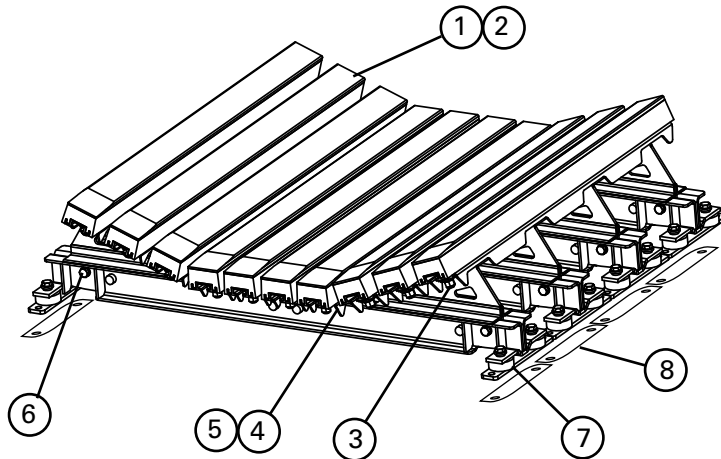
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	DRXH-24-520	76888	558.0
30	750	DRXH-30-520	76889	601.0
36	900	DRXH-36-520	76890	692.0
42	1050	DRXH-42-520	76891	896.0
48	1200	DRXH-48-520	76892	937.0
54	1350	DRXH-54-520	76893	1,084.0
60	1500	DRXH-60-520	76894	1,181.0
72	1800	DRXH-72-520	76895	1,334.0

Lead time: 10 working days

DRX1500 5' Beds, 35° Trough

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	DRXH-24-535	76904	558.0
30	750	DRXH-30-535	76905	601.0
36	900	DRXH-36-535	76906	692.0
42	1050	DRXH-42-535	76907	896.0
48	1200	DRXH-48-535	76908	937.0
54	1350	DRXH-54-535	76909	1,084.0
60	1500	DRXH-60-535	76910	1,181.0
72	1800	DRXH-72-535	76911	1,334.0

Lead time: 10 working days



Impact Bed Size	Cema C or D, 5" IDLERS	CEMA C or D, 6" IDLERS
DRX1500: 24"- 36"	Shim idler up 1/2"	No Kits Required
DRX1500: 42"- 72"	No Kits Required	Use (1) SHIM-KITH; Shim up 0.5"

Impact Bed Size	CEMA E, 6" IDLERS	CEMA E, 7" IDLERS
DRX1500: 36"-60"	Use (3) SHIM-KITH; Shim up 1.5"	Use (4) SHIM-KITH; Shim up 2"
DRX1500: 72"	Use (4) SHIM-KITH; Shim up 2"	Use (5) SHIM-KITH; Shim up 2.5"

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Impact Bar, 4'	IB4	76926	17.0
2	Impact Bar, 5'	IB5	76927	21.2
3	Impact Bar Bolt Kit incl. (1) ea 5/8" carriage bolt, square washer, flat washer, lock washer, Nylock nut	IBBK	76928	0.5
4	Impact Bar Support -H 4' incl. (1) bar support, (2) ea carriage bolt, square washer, lock washer, Nylock nut	IBS-H4	76933	16.6
5	Impact Bar Support -H 5' incl. (1) bar support, (2) ea carriage bolt, square washer, lock washer, Nylock nut	IBS-H5	76934	21.0
6	Sliding Support Arm Bolt Kit incl. (2) 2" bolts, (2) lock washers, (2) Nylock nuts	ISABK-LMH	77529	2.0
7	Isolation Mount Kit	IMK	76936	3.8
8	DRX1500 Shim Kit (incl. 8 shims)	SHIM-KITH	77550	27.2

Lead time: 1 working day

Replacement Bars and Bolt Kits Required per Belt Width - DRX1500

	in.	24	30	36	42	48	54	60	72
	mm	600	750	900	1050	1200	1350	1500	1800
Impact Bar Supports Required		6	6	7	10	10	12	13	14
Impact Bars Required		6	6	7	10	10	12	13	14
Impact Bar Bolt Kits Required		36	36	42	60	60	72	78	84

Product Ordering Information

DRX3000
Dynamic Beds

DRX3000 5' Beds, 20° Trough

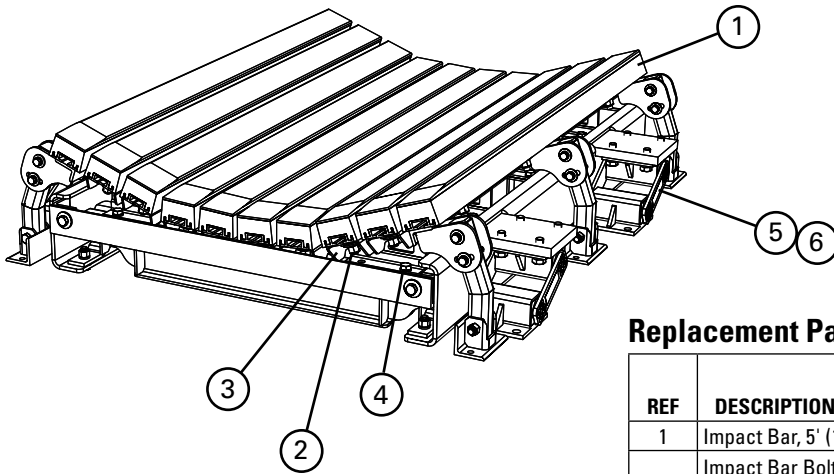
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
42	1050	DRXD-42-520	76912	1,351.0
48	1200	DRXD-48-520	76913	1,407.0
54	1350	DRXD-54-520	76914	1,568.0
60	1500	DRXD-60-520	76915	1,676.0
72	1800	DRXD-72-520	76916	2,098.0
84	2100	DRXD-84-520	76917	2,261.0
96	2400	DRXD-96-520	76918	2,609.0

Lead time: 20 working days

DRX3000 5' Beds, 35° Trough

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
42	1050	DRXD-42-535	76919	1,351.0
48	1200	DRXD-48-535	76920	1,407.0
54	1350	DRXD-54-535	76921	1,568.0
60	1500	DRXD-60-535	76922	1,676.0
72	1800	DRXD-72-535	76923	2,098.0
84	2100	DRXD-84-535	76924	2,261.0
96	2400	DRXD-96-535	76925	2,609.0

Lead time: 20 working days



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Impact Bar, 5' (1/2" UHMW)	IB5	76927	21.2
2	Impact Bar Bolt Kit incl. (1) ea 5/8" carriage bolt, square washer, flat washer, lock washer, Nylock nut	IBBK	76928	0.5
3	Impact Bar Support - D 5' incl. (1) bar support, (2) ea carriage bolt, square washer, lock washer, Nylock nut	IBS-D5	77530	21.0
4	Sliding Support Arm Bolt Kit incl. (4) 1-1/2" bolts, (2) 2" bolts, (6) lock washers, (6) Nylock nuts	ISABK	76935	2.0
5	Impact Energy Absorber 42-60	IEA-42-60	76937	42.0
6	Impact Energy Absorber 72-96	IEA-72-96	76938	66.0

Lead time: 1 working day

Replacement Bars and Bolt Kits Required per Belt Width - DRX3000

	42	48	54	60	72	84	96
in.	42	48	54	60	72	84	96
mm	1050	1200	1350	1500	1800	2100	2400
Impact Bars Required	10	10	12	13	16	16	20
Impact Bar Bolt Kits Required	56	56	64	70	88	88	112

Impact Bar Supports per Belt Width

	42	48	54	60	72	84	96
in.	42	48	54	60	72	84	96
mm	1050	1200	1350	1500	1800	2100	2400
Impact Bar Supports	8	8	8	9	12	12	16

Product Notes:

- For extreme impact applications up to 3000 lb-ft (lump size x drop height).
- Impact Energy Absorbers compress up to 3" (75mm) to absorb extreme impact energy to minimize damaging forces and protect the belt.
- Slide-Out System™ allows direct access to service the impact bars.

Product Ordering Information

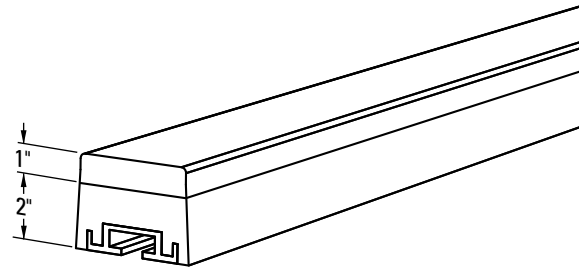
DRX™ Impact Beds Optional Parts and Tools

Impact Bars with 1" UHMW

For impact beds that have heavy abrasive wear on the impact bars.

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
4' Impact Bar with 1" UHMW	IB4-1U	76965	17.0
5' Impact Bar with 1" UHMW	IB5-1U	76966	21.2

Lead time: 1 working day



Impact Bar with 1" UHMW Cover

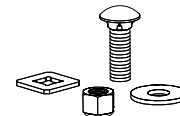
Impact Bar Bolt Kit for Other OEM Impact Beds*

1/2" carriage bolt, square washer, flat washer and Nylock nut to mount DRX Impact Bars on other OEM beds that use 1/2" T-bolts.

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Optional Impact Bar Bolt Kit	OIBBK	76950	0.5

*Kit includes 1 ea. bolt, square washer, flat washer and nut.

Lead time: 1 working day



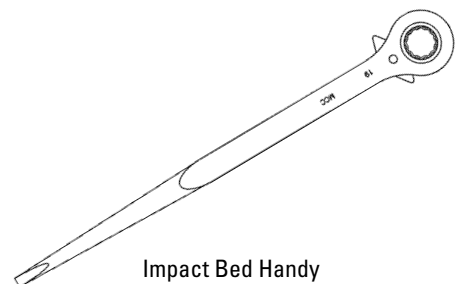
Optional Impact Bar Bolt Kit

Impact Bed Handy Wrench

A ratcheting wrench with 2 common socket sizes (3/4" & 15/16", 19mm & 24mm) for installation and maintenance of impact beds.

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Impact Bed Handy Wrench	HW-IMPB	76939	1.6

Lead time: 1 working day



Impact Bed Handy Wrench

Selection Guidelines

Belt Tracking Products

Selection Guidelines

MODEL	APPLICATION RANGE
Belt Positioner™	Return side only, 800 PIW max tension on Small, Medium and Large; 1200 PIW max tension on Extra Large. Also works on reversing belts. Not recommended for steel cable belt.
PT Smart™	Medium-duty belts up to 1600 PIW max tension. Belt width + 3" idler. Belt thickness 1" maximum.
PT Smart™ Underground	Medium-duty belts up to 1600 PIW max tension. Belt width + 9" idler. Belt thickness 1" maximum. Fits underground structure.
PT Max™ Top Side	Heavy-duty belts up to 3000 PIW max (generally over 3/4" (19mm) thick) Belt width 24" - 60" (600 - 1500mm)
HD PT Max™ Top Side	Heavy-duty belts up to 6000 PIW max tension. Belt width 48" - 84" (1200 - 2100mm)
PT Max™ Return Side	Heavy-duty, higher tension belts up to 3000 PIW max. (generally up to 1" (25mm) thick)

Belt Positioner™



PT Smart™ Standard



PT Smart™ Underground Structure



PT Max™ Top Side



PT Max™ Return Side



CONVEYOR CRITERIA	BELT POSITIONER™	PT SMART™	PT SMART™ UNDERGROUND	PT MAX™ TOP SIDE	HD PT MAX™ TOP SIDE	PT MAX™ RETURN SIDE	HD PT MAX™ RETURN SIDE
Top side mistracking	NO	NO	NO	YES	YES	NO	NO
Return side mistracking	YES	YES	YES	NO	NO	YES	YES
Belt mistracking to one side	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT
Belt mistracking to both sides	POOR	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT
Inconsistent tracking problem	GOOD	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT
Belt is cupped (heavy)	GOOD	GOOD	GOOD	EXCELLENT	EXCELLENT	GOOD	GOOD
Belt has low running tension	GOOD	EXCELLENT	EXCELLENT	GOOD	GOOD	GOOD	GOOD
Belt has medium running tension	GOOD	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT
Belt has high running tension	N/A	GOOD	GOOD	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT
Approx. "upstream" effect*	50' (15 M)	20' (6 M)	20' (6 M)	20' (6 M)	20' (6 M)	20' (6 M)	20' (6 M)
Approx. "downstream" effect*	50' (15 M)	120' - 150' (36 - 45 M)	120' - 150' (36 - 45 M)	150' - 200' (45 - 61 M)	150' - 200' (45 - 61 M)	150' - 200' (45 - 61 M)	150' - 200' (45 - 61 M)

*Typical results; actual results may vary

Product Ordering Information

Belt Positioner™



Belt Positioners with Exalon Rollers*

SIZE	BELT WIDTH (Min-Max)		POSITIONER WIDTH (Min-Max)		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm	in.	mm			
Small	18-24	450-600	24-34	600-850	RBP1E-S	73140	60.5
Medium	30-48	750-1200	34-56	850-1400	RBP1E-M	73142	73.5
Large	54-72	1350-1800	56-83	1400-2075	RBP1E-L	73144	94.0
Extra Large	72-96	1800-2400	72-120	1800-3000	RBP1E-XL	73146	182.0

*Positioners come standard with Exalon rollers.

Use next larger size for belt widths between ranges.

NOTE: Idler Rollers on sizes S, M and L are 5" (125mm) diameter and rated CEMA D.

Idler Rollers on the XL size are 6" (150mm) diameter and rated CEMA E.

Lead time: 1 working day

Belt Positioners with Steel Rollers

SIZE	BELT WIDTH (Min-Max)		POSITIONER WIDTH (Min-Max)		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm	in.	mm			
Small	18-24	450-600	24-34	600-850	RBP1S-S	74558	69.8
Medium	30-48	750-1200	34-56	850-1400	RBP1S-M	74559	84.6
Large	54-72	1350-1800	56-83	1400-2075	RBP1S-L	74560	109.5
Extra Large	72-96	1800-2400	72-120	1800-3000	RBP1S-XL	74561	199.6

Lead time: 1 working day

Product Notes:

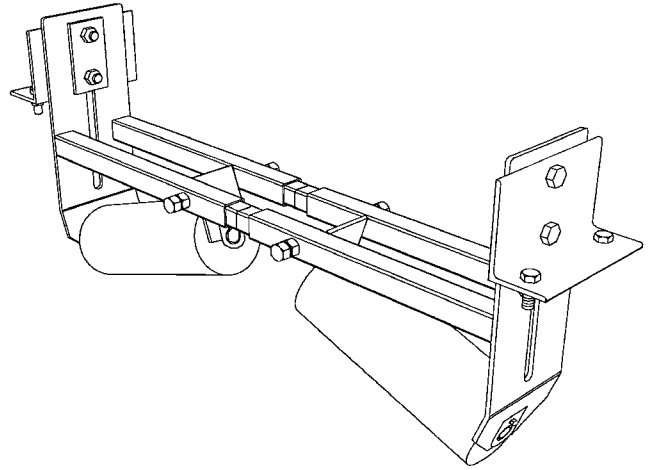
- The Positioner should be centered between two standard return rollers. For general applications--standard belts up to 72" (1800mm): position the unit no closer than 3' (.9M) to a return roller and no farther than 6' (1.8M).
- Works on the return side of the conveyor using simple angled rollers mounted in a fixed position to quickly and continuously funnel the belt into the correct path.
- A "quick fix" solution for belts that consistently wander to one side.
- Typically installed before the tail pulley to keep the belt centered at the critical loading point. Center loading is the key to solving many top side tracking problems.
- Idler rollers make smooth contact with the return belt's bottom cover, eliminating excessive wear and damage to the belt's edges.
- Has no pivoting mechanism to freeze up and cause the unit to stop working.
- Once installed, no further adjustment is required.

Specifications & Guidelines

Belt Width Specifications

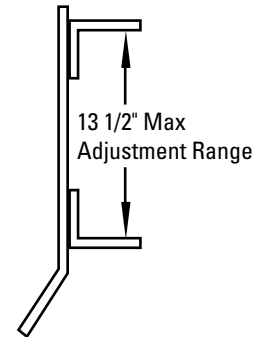
SIZE	BELT WIDTH (Min-Max)		POSITIONER WIDTH (Min-Max)	
	in.	mm	in.	mm
Small	18-24	450-600	24-34	600-850
Medium	30-48	750-1200	34-56	850-1400
Large	54-72	1350-1800	56-83	1400-2075
Extra Large	72-96	1800-2400	72-120	1800-3000

Use next larger size for belt widths between ranges.



Application Guidelines

- Belt Splice Mechanically Fastened/Vulcanized
- Belt Speed 1000 FPM (5M/sec)
- Belt Direction Reversing



Roller Specifications

SPECIFICATION	EXALON	STEEL
Material	HMWPE	STEEL
Durometer	68-D	N/A
Rating	CEMA D (XL is CEMA E)	CEMA D (XL is CEMA E)
Bearings	3/4" Tapered Roller (XL - 1 1/4")	3/4" Tapered Roller (XL - 1 1/4")
Shaft Diameter	.749	1" Heavy Wall Tube Tapered (XL - 1 1/4")
Wall Thickness	Minimum 5/8"	9 Gauge (.148) (XL - 1/4")
Specific Gravity	.9	Over 1
Working Temperature		
°F	-40° to 180°	N/A
°C	-40° to 82°	N/A
Grease & Chemical Resistance	Excellent	Good
Sticky Material Performance	Excellent	Good

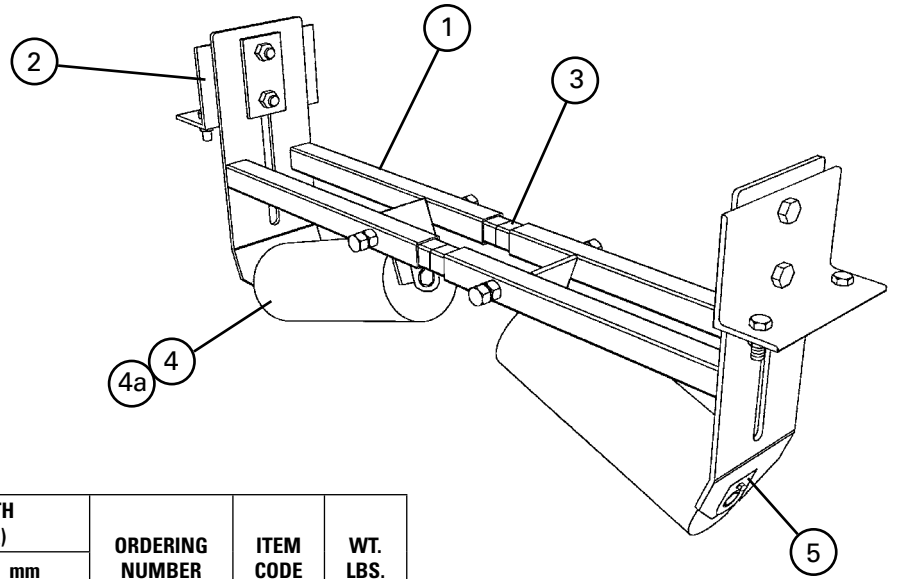
Roller Dimensions

SIZE	LENGTH		DIAMETER	
	in.	mm	in.	mm
Small	9	225	5	125
Medium	13	325	5	125
Large	19	475	5	125
Extra Large	21	525	6	150

Product Notes:

- Optimal location: no closer than 3' (.9M) and no further than 6' (1.8M) from a return roller.
- Belt Positioners come standard with Exalon rollers.
- All rollers are "sealed for life". No regreasing maintenance is required.
- MSHA approved.

Replacement Parts List



Replacement Parts

REF	DESCRIPTION	BELT WIDTH (Min-Max)		ORDERING NUMBER	ITEM CODE	WT. LBS.
		in.	mm			
1	Small Frame Kit* (1 ea.)	18-24	450-600	RBPFK-S	75522	12.5
	Medium Frame Kit* (1 ea.)	30-48	750-1200	RBPFK-M	75523	14.5
	Large Frame Kit* (1ea.)	54-72	1350-1800	RBPFK-L	75524	19.5
	Extra Large Frame Kit* (1 ea.)	72-96	1800-2400	RBPFK-XL	75525	28.5
2	Mounting Bracket Kit* (1 ea.)			RBPMBK	75526	6.0
3	Small Inner Tube (1 ea.)	18-24	450-600	RBPIT-S	75527	3.0
	Medium Inner Tube (1 ea.)	30-48	750-1200	RBPIT-M	75528	4.5
	Large Inner Tube (1 ea.)	54-72	1350-1800	RBPIT-L	75529	6.5
	Extra Large Inner Tube (1 ea.)	72-96	1800-2400	RBPIT-XL	75530	9.0

* Hardware included
Lead time: 1 working day

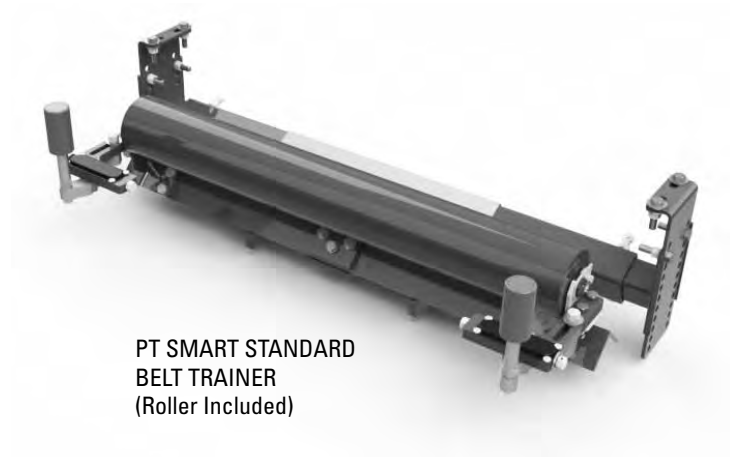
Replacement Rollers

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
4	Small Exalon Roller	RBPER-S	73169	7.9
	Medium Exalon Roller	RBPER-M	73170	11.0
	Large Exalon Roller	RBPER-L	73171	15.5
	Extra Large Exalon Roller	RBPER-XL	73172	27.8
4a	Small Steel Roller	RBPSR-S	74562	12.2
	Medium Steel Roller	RBPSR-M	74563	16.5
	Large Steel Roller	RBPSR-L	74564	23.2
	Extra Large Steel Roller	RBPSR-XL	74565	36.6
5	Roller Retainer Kit *	RBPRET	73163	0.5

Positioners come standard with Exalon rollers.
 Idler rollers on sizes S, M and L are 5" (125mm) diameter and rated CEMA D.
 Idler rollers on the XL size are 6" (150mm) diameter and rated CEMA E.
 *Roller Retainer Kit not required for XL rollers (SDX style).
 Lead time: 1 working day

Product Ordering Information

PT Smart™
Belt Trainer

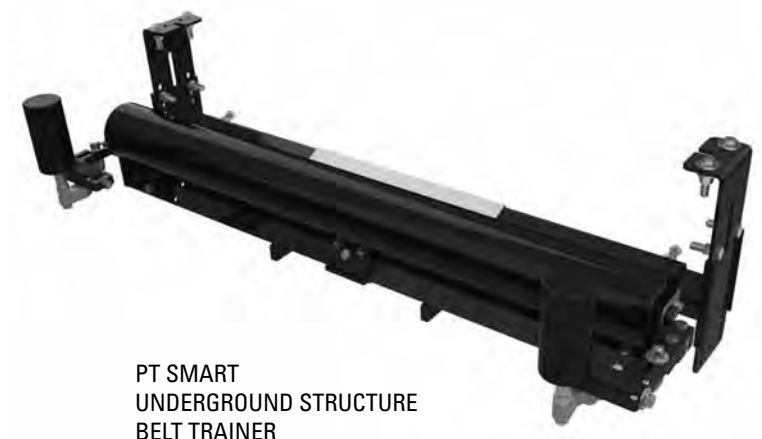


PT SMART STANDARD
BELT TRAINER
(Roller Included)

PT Smart™ Belt Trainer

BELT TRAINER COMPLETE				REPLACEMENT ROLLERS	
BELT WIDTH		ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE
in.	mm				
18	450	PTS-18R	77664	PTS-RR21	77680
24	600	PTS-24R	77665	PTS-RR27	77681
30	750	PTS-30R	77666	PTS-RR33	77682
36	900	PTS-36R	77667	PTS-RR39	77683
42	1050	PTS-42R	77668	PTS-RR45	77684
48	1200	PTS-48R	77669	PTS-RR51	77685
54	1350	PTS-54R	77670	PTS-RR57	77686
60	1500	PTS-60R	77671	PTS-RR63	77687
72	1800	PTS-72R	77672	PTS-RR75	77689

Lead time: 1 working day



PT SMART
UNDERGROUND STRUCTURE
BELT TRAINER
(Roller Included)

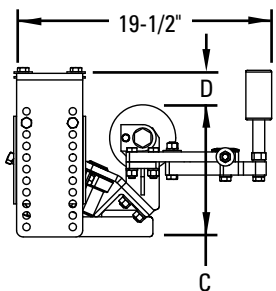
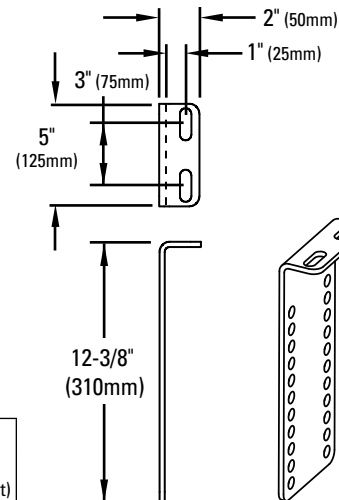
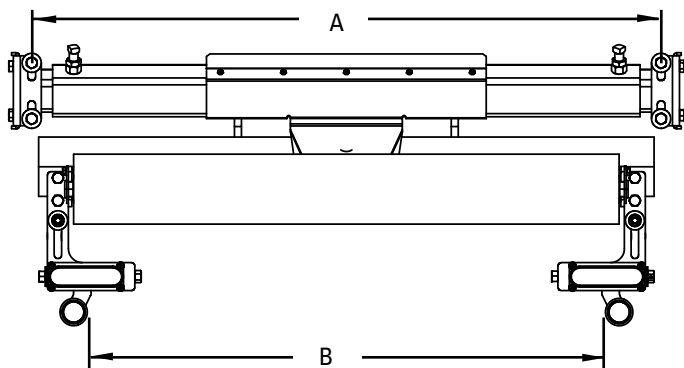
PT Smart™ Underground Structure Belt Trainer

BELT TRAINER COMPLETE				REPLACEMENT ROLLERS	
BELT WIDTH		ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE
in.	mm				
30	750	PTS-30R-UG	77673	PTS-RR39	77683
36	900	PTS-36R-UG	77674	PTS-RR45	77684
42	1050	PTS-42R-UG	77675	PTS-RR51	77685
48	1200	PTS-48R-UG	77676	PTS-RR57	77686
54	1350	PTS-54R-UG	77677	PTS-RR63	77687
60	1500	PTS-60R-UG	77678	PTS-RR69	77688
72	1800	PTS-72R-UG	77679	PTS-RR81	77690

Lead time: 1 working day

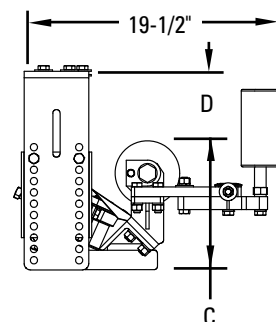
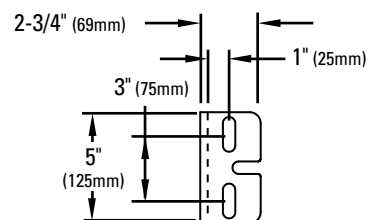
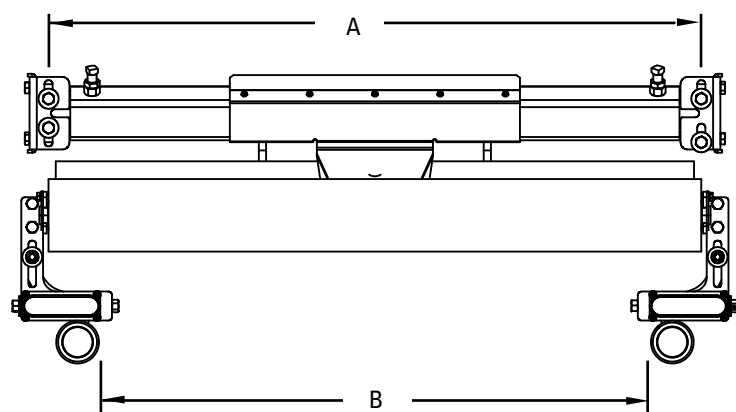
Specifications & Guidelines

PT Smart Belt Trainer



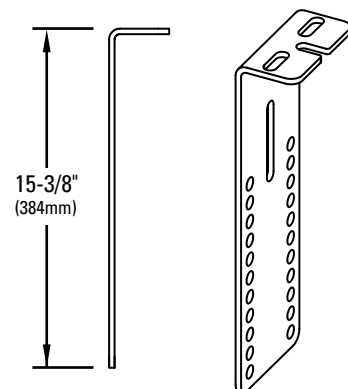
PT Smart Standard

BELT WIDTH		ITEM CODE	A	B	C	D (vertical adjustment)
in.	mm					
18	450	77664	23-35" (575-875mm)	10-23" (250-575mm)	10" (250mm)	0"-10" (0-250mm)
24	600	77665	29-41" (725-1025mm)	16-29" (400-725mm)		
30	750	77666	35-47" (875-1175mm)	22-35" (550-875mm)		
36	900	77667	41-53" (1025-1325mm)	28-41" (700-1025mm)		
42	1050	77668	47-59" (1175-1475mm)	33-47" (825-1175mm)		
48	1200	77669	53-65" (1325-1625mm)	40-53" (1000-1325mm)		
54	1350	77670	59-71" (1475-1775mm)	46-59" (1150-1475mm)		
60	1500	77671	65-77" (1625-1925mm)	52-65" (1300-1625mm)		
72	1800	77672	77-89" (1925-2225mm)	64-77" (1600-1925mm)		



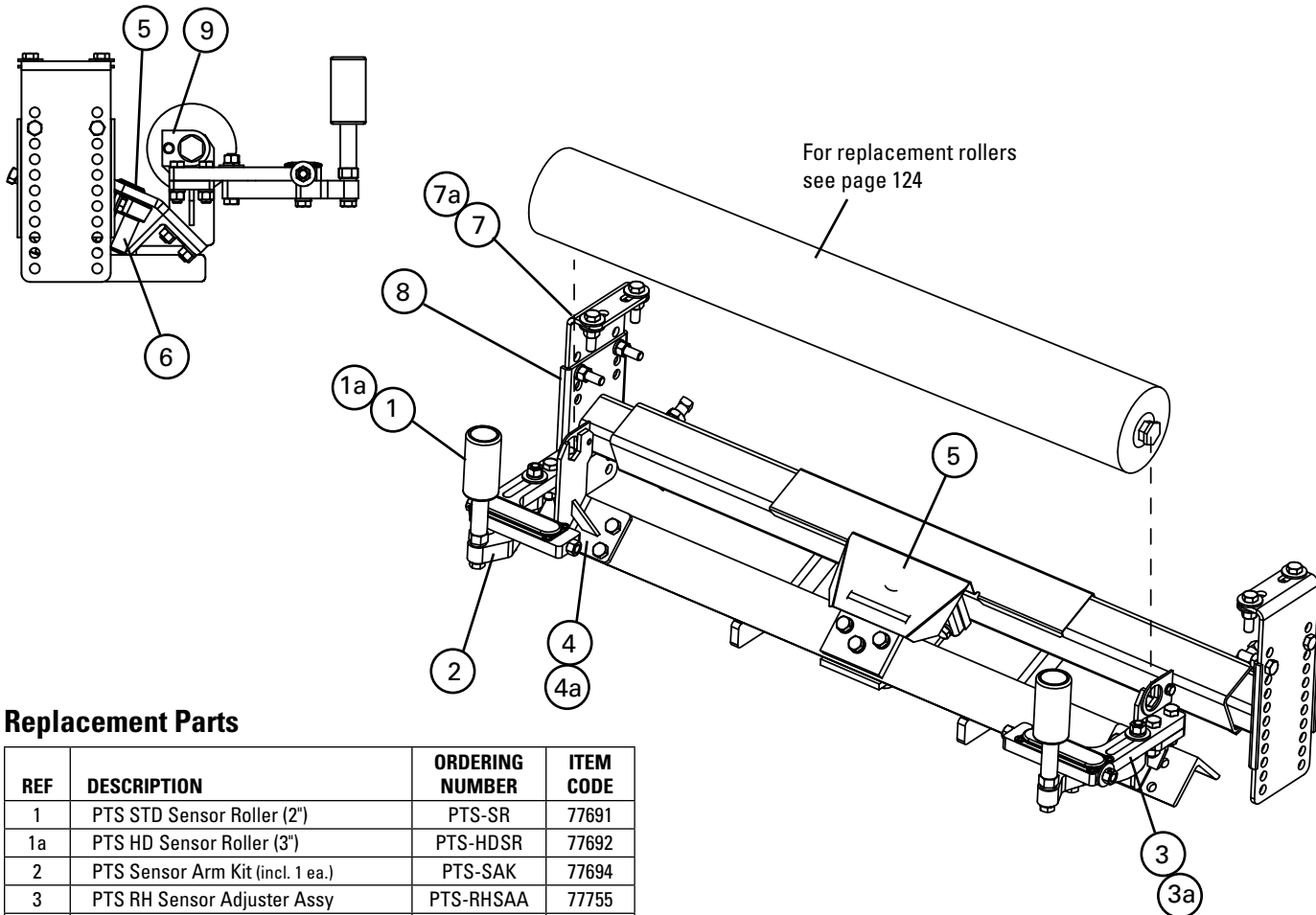
PT Smart Underground Structure

BELT WIDTH		ITEM CODE	A	B	C	D
in.	mm					
30	750	77673	35-47" (875-1175mm)	27-40" (675-1000mm)	10" (250mm)	2-3/4" to 13-1/4" (69mm to 331mm)
36	900	77674	41-53" (1025-1325mm)	33-46" (825-1150mm)		
42	1050	77675	47-59" (1175-1475mm)	39-52" (975-1300mm)		
48	1200	77676	53-65" (1025-1625mm)	45-58" (1125-1450mm)		
54	1350	77677	59-71" (1475-1775mm)	51-64" (1275-1600mm)		
60	1500	77678	65-77" (1625-1925mm)	57-70" (1425-1750mm)		
72	1800	77679	77-89" (1925-2225mm)	69-82" (1725-2050mm)	10-1/2" (262mm)	2-1/4" to 12-3/4" (56mm to 319mm)



Replacement Parts List

**PT Smart
Belt Trainer**



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE
1	PTS STD Sensor Roller (2")	PTS-SR	77691
1a	PTS HD Sensor Roller (3")	PTS-HDSR	77692
2	PTS Sensor Arm Kit (incl. 1 ea.)	PTS-SAK	77694
3	PTS RH Sensor Adjuster Assy	PTS-RHSAA	77755
3a	PTS LH Sensor Adjuster Assy	PTS-LHSAA	77756
4	PTS Idler Bracket Kit (incl. L & R)	PTS-IBK	77696
4a	PTS HD Idler Bracket Kit (incl. L & R)	PTS-HIBK	77697
5	PTS Pivot Shield	PTS-PS	77698
6	PTS Pivot Assy (Axle and housing)	PTS-PA	77699
7	PTS Mounting Bracket Kit	PTS-MBK	77700
7a	PTS Mounting Bracket Kit U/G	PTS-MBKUG	77701
8	PTS Extending Bracket Kit (incl. L & R)	PTS-EBK	77702
9	Roller Retainer Kit	RBPRET	73163
-	Wire Mount Kit (not pictured)	PTS-WMK	78767

*Hardware included
Lead time: 1 working day

Product Ordering Information

**PT Max™
Belt Trainer**

PT Max™ Top Side

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	PTM24T	75583	280.0
30	750	PTM30T	74885	295.0
36	900	PTM36T	74886	310.0
42	1050	PTM42T	74887	325.0
48	1200	PTM48T	74888	340.0
54	1350	PTM54T	74889	355.0
60	1500	PTM60T	74890	370.0



PT MAX TOP SIDE
BELT TRAINER
(Rollers supplied by end user)

Heavy-Duty PT Max Top Side

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
54	1350	PTMHD54T	74891	390.0
60	1500	PTMHD60T	74892	410.0
72	1800	PTMHD72T	74893	430.0
84	2100	PTMHD84T	74894	450.0

Shaded items are made to order.
Lead time: 15 working days (after data sheets are approved)

PT Max Return Side*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	PTM24R	75584	260.0
30	750	PTM30R	74899	275.0
36	900	PTM36R	74900	290.0
42	1050	PTM42R	74901	305.0
48	1200	PTM48R	74902	320.0
54	1350	PTM54R	74903	335.0
60	1500	PTM60R	74904	350.0



PT MAX RETURN SIDE
BELT TRAINER
(Rollers supplied by end user)

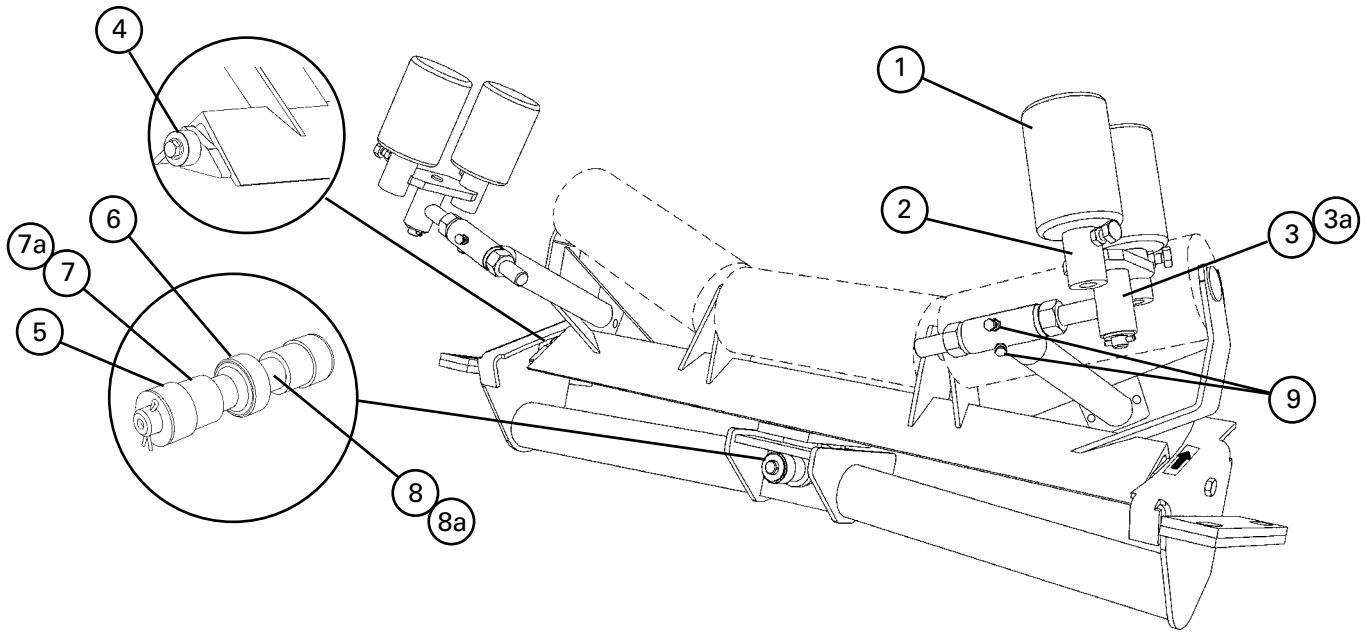
Heavy-Duty PT Max Return Side*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
54	1350	PTMHD54R	74905	365.0
60	1500	PTMHD60R	74906	385.0
72	1800	PTMHD72R	74907	405.0
84	2100	PTMHD84R	74908	425.0

*NOTE: For PT Max V Return Side Trainers, use PT Max Top Side pricing.

Replacement Parts List

PT Max™
Belt Trainer



Replacement Parts

REF	DESCRIPTION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
		in.	mm			
1	Sensor Roller* (3" solid roller) (1 ea.)	30-84	750-2100	MSR	74914	7.0
2	Swivel Mount Kit*	30-84	750-2100	PMSMK	74916	5.5
3	Adjusting Arm Kit*	30-60	750-1500	MAK	74918	7.9
3a	HD Adjusting Arm Kit*	54-84	1350-2100	MAKHD	74919	14.7
4	Outer Roller Kit* (incl. 2 rollers, roller thimbles and bolts, nuts and washers)	30-84	750-2100	MORK	74921	2.6
5	Center Roller Kit* (incl. 2 rollers, 2 washers, and 2 cotter pins)	30-84	750-2100	MCRK	74923	1.2
6	Center Bearing*	30-84	750-2100	MCB	74925	1.7
7	Center Shaft Spacer Kit (incl. 2 spacers)	30-60	750-1500	MCSK	74927	0.3
7a	HD Center Shaft Spacer Kit (incl. 2 spacers)	54-84	1350-2100	MCSKHD	74928	0.5
8	Center Shaft	30-60	750-1500	MCS	74930	4.0
8a	HD Center Shaft	54-84	1350-2100	MCSHD	74931	13.0
9	Frame Arm Set Screw Kit (incl. 2 set screws and 2 jam nuts)	30-120	750-3000	MFASK	75531	0.8
-	Center Bearing Kit (incl. 1 ea. items 5, 6, 7, 8)	30-60	750-1500	MCBK	76025	8.0
-	HD Center Bearing Kit (incl. 1 ea. items 5, 6, 7a, 8a)	54-84	1350-2100	MCBKHD	76026	17.0

*Hardware included
Lead time: 1 working day

Product Ordering Information

RMC1 Skirt Clamps

RMC1 Skirt Clamps*

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Skirt Clamp	RMC1	75817	11.6
LS Skirt Clamp	RMC1-LS	75834	10.4
Skirt Clamp Bulk‡	RMC1-BULK	75833	11.6

*Includes two clamp plates (Standard or LS - Limited Space), two clamp pins, and one 4' (1.2M) clamp bar.

‡ Minimum order of 50 pieces for Bulk Pack pricing.

Skirt board and rubber not included.

Skirt Rubber Thickness Range: 5/16" to 3/4" (8mm to 19mm).

Lead time: 1 working day



RMC1 Skirt Clamp (Standard)

PAL PAKs

The Pick-A-Length (PAL) PAK contains 2 clamp plates and 2 clamp pins. You supply the clamp bar (1" x 1" x 1/8" angle) to your required length.

PAL PAKS PER SYSTEM LENGTH					
Skirting System Length	1' - 4' (0.3-1.2M)	5' - 8' (1.5-2.4M)	9' - 12' (2.8-3.8M)	13' - 16' (4.0-4.9M)	17' - 20' (5.2-6.1M)
PAL PAKs Needed	1	2	3	4	5



Anti-Vibration Clamp Pins

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
PAL PAK	RMC1-PP	75832	6.6
LS PAL PAK	RMC1-LSPP	75836	5.4
Bolt-On PAL PAK	RMC1-BPP	76415	6.5
Bolt-On LS PAL PAK	RMC1-LSBPP	76538	5.3

Lead time: 1 working day



PAL PAK (Standard)

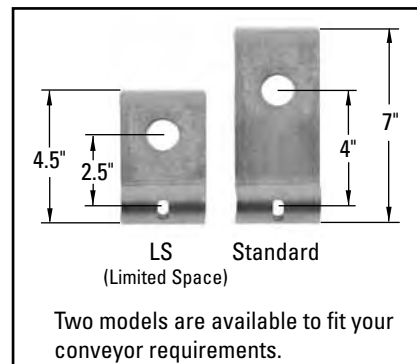


Bolt-On PAL PAK (Standard)

Replacement Parts

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Clamp Pin	RMC1-CP	75819	1.1
Bolt-On Clamp Pin	RMC1-BCP	76414	1.0
Clamp Plate	RMC1-PL	75821	2.1
LS Clamp Plate	RMC1LS-PL	75835	1.5
Clamp Bar	RMC1-CB	75820	4.0

Lead time: 1 working day



Product Notes:

- Solves material spillage problems in the conveyor loading zone.
- Stops material loss, eliminates safety hazards, and reduces wear on conveyor components.
- LS (Limited Space) model for restricted space areas and for portable equipment.
- Pick-A-Length (PAL) PAK option for special or longer length requirements.
- Bolt-on Clamp Pins eliminate welding on applications where sparking can be a safety hazard.
- Anti-Vibration (standard) Clamp Pin stays locked even in applications with severe vibration.

Product Ordering Information

Flex-Lok™
Skirt Clamps

Flex-Lok™ Skirt Clamp

One Skirt Clamp includes one 6' (1.8M) clamp runner, 4 clamp plates, 4 clamp pins and one 6' (1.8M) restraining bar. Skirt board and rubber not included.

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Skirt Clamp	FLSC-I	71052	31.1
Skirt Clamp Bulk ‡	FLSC-I-BULK	71054	31.1
REPLACEMENT PARTS			
Clamp Runner - 6 ft. (1.8M)	FL-RPI	71058	7.3
Clamp Plate	FL-PC-I	71057	2.1
Clamp Pin	FL-CP-I	71141	1.9
Restraining Bar - 6 ft. (1.8M)	FL-RBI	71060	11.3

‡ Minimum order of 50 pieces for Bulk Pack pricing.
Skirt Rubber Thickness Range: 5/16" to 1" (8 - 25mm)
Lead time: 1 working day

Mini Flex-Lok™ Skirt Clamp

One Mini Skirt Clamp includes one 6' (1.8M) clamp runner, 3 mini clamp plates, 3 clamp pins and one 6' (1.8M) restraining bar. Skirt board and rubber not included.

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Mini Skirt Clamp	FLSCM-I	71055	27.6
Mini Skirt Clamp Bulk ‡	FLSCM-I-BULK	71100	27.5
REPLACEMENT PARTS			
Clamp Runner - 6 ft. (1.8M)	FL-RPI	71058	7.3
Mini Clamp Plate	FLM-PC	71140	1.5
Clamp Pin	FL-CP-I	71141	1.9
Restraining Bar - 6 ft. (1.8M)	FL-RBI	71060	11.3

‡ Minimum order of 50 pieces for Bulk Pack pricing.
Skirt Rubber Thickness Range: 5/16" to 5/8" (8 - 16mm)
Lead time: 1 working day

■ Shaded items are made to order.
Lead time: 5 working days

Stainless Steel* Flex-Lok™ Skirt Clamp

One SS Skirt Clamp includes one 6' (1.8M) clamp runner, 4 clamp plates, 4 clamp pins and one 6' (1.8M) restraining bar.

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
SS Skirt Clamp	FLSC-ISS	75778	25.0
REPLACEMENT PARTS			
SS Clamp Plate	FL-PC-ISS	71168	1.9
Clamp Pin	FL-CP-ISS	71164	1.9

* 316SS (all parts)
Lead time: 1 working day

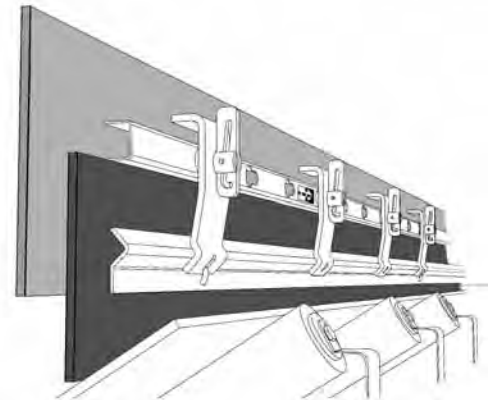
SERVICE MAINTENANCE

- Inspection - Periodically inspect the clearance between the skirt rubber and the belt. If this gap is more than 1/4" (6mm) or if excessive fines are escaping, readjust the skirt rubber.
- Adjustment - Unlock the wedges on the clamp pins and slide the skirt rubber down to the belt. Relock the clamp pins.

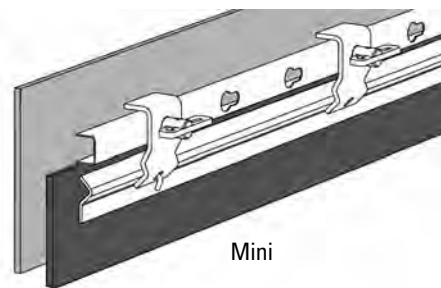
TROUBLESHOOTING

Problem: Skirt rubber slips out of skirt clamp.

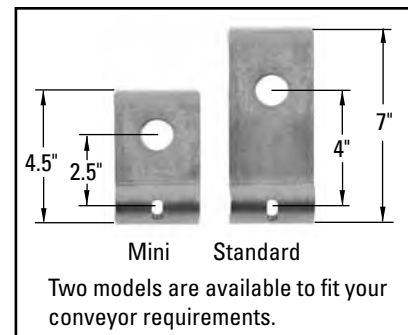
- Solution:
1. Check to insure wedges in clamp pins are locked.
 2. Check skirt rubber position. Skirt rubber must not fold and lie on top of belt.



Standard



Mini



Anti-Vibration Clamp Pins
(Standard)

Product Ordering Information

Flex-Seal™ Skirt System

Flex-Seal™ Skirt System*

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Flex-Seal Skirt System	RMC2-FS	76558	29.5
Flex-Seal Skirt System Bulk ‡	RMC2	77330	29.5

‡ Minimum order of 50 pieces for Bulk Pack pricing.

*Includes angle plate, one Bolt-On PAL PAK, and one 4' (1.2M) clamp bar.
Skirt board and rubber not included.

Skirt Rubber Thickness Range: 5/16" to 3/4" (8mm to 19mm).

Lead time: 1 working day



Replacement Parts

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Angle Plate	RMC2-AP	76559	19.0
Bolt-On PAL PAK*	RMC1-BPP	76415	6.5
Clamp Bar	RMC1-CB	75820	4.0

*Includes two bolt-on clamp pins and two clamp plates.

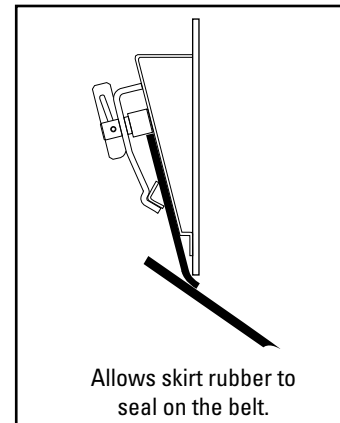
Lead time: 1 working day



Bolt-On PAL PAK

Specifications

SKIRT RUBBER WIDTH AND THICKNESS RANGE	
Width Required	6" (150mm)
Thickness Range	5/16" - 3/4" (8 - 19mm)



Product Notes:

- Solves material spillage problems in the conveyor loading zone.
- Stops material loss, eliminates safety hazards, and reduces wear on conveyor components.
- Anti-Vibration (standard) Clamp Pin with serrated wedge stays locked even in applications with severe vibration.

Product Ordering Information

Flexco® Belt Maintenance Tools Belt Lifters & Clamps

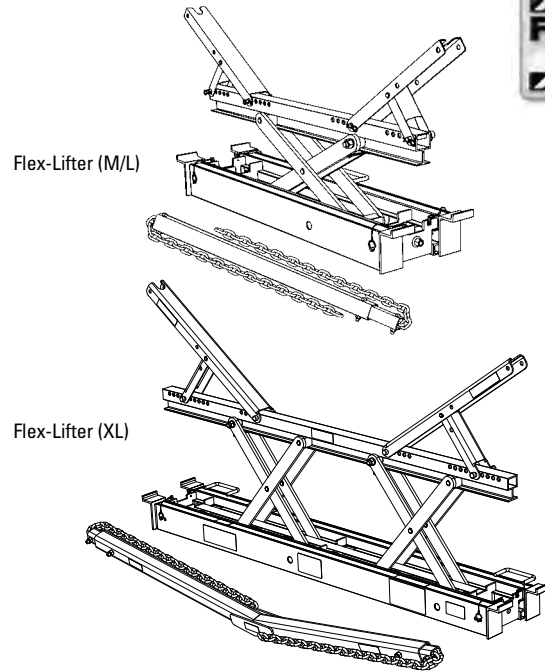
Flex-Lifter™ Conveyor Belt Lifter

Easy and safe way to lift tensioned belts so mechanical splicing or other maintenance work can be done.

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Medium Flex-Lifter 36" - 60" (900 - 1500 mm)	FL-M	76469	87.0
Large Flex-Lifter 48" - 72" (1200 - 1800 mm)	FL-L	76470	121.0
XL Flex-Lifter 72" - 96" (1800 - 2400 mm)	FL-XL	76983	152.0
Extension Leg - Medium	FLEL-M	76472	3.1
Extension Leg - Large	FLEL-L	76473	3.7
Extension Leg Kit- XL (includes 2 ext. legs)	FLELK-XL	76986	13.0
Extension Leg Pin (with lanyard)	FLELP	76474	0.1
Trough Wing - Medium (with brace)	FTW-M	76476	1.2
Trough Wing - Large (with brace)	FTW-L	76477	1.5
Trough Wing - XL (with brace)	FTW-XL	76985	4.2
Retainer Pin Pack (includes 4 pins)	FLRP	76478	1.0
Retainer Clip Pack (includes 4 clips)	FLCP	76479	0.1
Return Lift Bar - Medium	FLRLB-M	76482	18.4
Return Lift Bar - Large	FLRLB-L	76481	40.0
V-Return Lift Bar - XL	FLVRL-XL	76984	63.0
Flex-Lifter Cart	FLCK	77729	20.0

Lifts troughed or flat belts.

Lead time: 1 working day



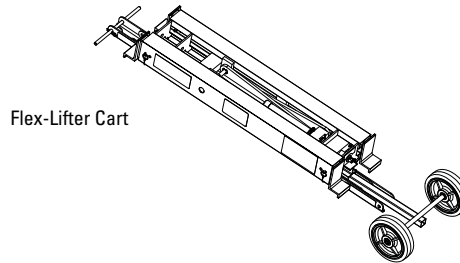
Aluminum Content

Flex-Lifter

ALUMINUM ALLOY TYPE	PERCENT	
	Mg Magnesium	Ti Titanium
4043	0.05%	0.2%
5356	5.5%	0.2%
6005	0.6%	0.1%
6061	1.0%	0.0%
6063	0.7%	0.0%
7075	2.5%	0.0%

Safe Lifting Capacity

Height		Max. Weight	
in.	mm	lbs.	kg.
0-1	0-25	500	225
1-2	25-50	1000	450
2-3	50-75	1500	675
3-4	75-100	2000	900
4-5	100-125	2500	1150
5-6	125-150	3000	1350
6-7	150-175	3500	1600
>7	>175	4000	1800



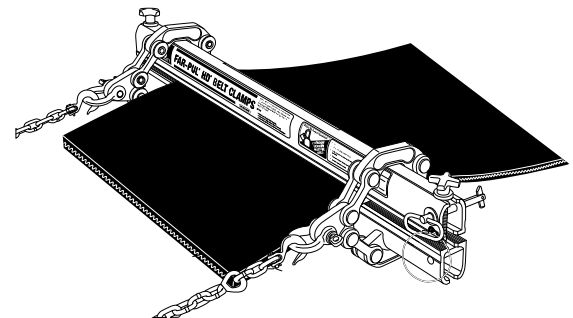
Far-Pul® HD® Belt Clamps

Load Capacity up to 3 tons (2.7 metric tons) when used with two 1-1/2 ton (1.4 metric ton) come-alongs.

DESCRIPTION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Belt Clamp Complete includes: 4 Belt Clamp Bars and 4 Belt Clamp Scissors	Up to 30	Up to 750	LSHD30	30393	79.0
	Up to 36	Up to 900	LSHD36	30394	87.0
	Up to 42	Up to 1050	LSHD42	30395	91.0
	Up to 48	Up to 1200	LSHD48	30396	98.0
	Up to 54	Up to 1350	LSHD54	30397	103.0
	Up to 60	Up to 1500	LSHD60	30398	110.0
Up to 72	Up to 1800	LSHD72	30399	121.0	
30" Belt Clamp Bar Set*	Up to 30	Up to 750	LSHDB30-2	30418	20.0
36" Belt Clamp Bar Set*	Up to 36	Up to 900	LSHDB36-2	30414	23.0
42" Belt Clamp Bar Set*	Up to 42	Up to 1050	LSHDB42-2	30421	26.0
48" Belt Clamp Bar Set*	Up to 48	Up to 1200	LSHDB48-2	30423	30.0
54" Belt Clamp Bar Set*	Up to 54	Up to 1350	LSHDB54-2	30424	33.0
60" Belt Clamp Bar Set*	Up to 60	Up to 1500	LSHDB60-2	30430	36.0
72" Belt Clamp Bar Set*	Up to 72	Up to 1800	LSHDB72-2	30408	40.0
Steel Belt Clamp Scissor - Each			LSHDS	30392	10.5
Belt Locator Pin - includes Washer and Locking Nut			LSHDLP	30400	.15
Retaining Pin Kit			LSHD-RPK	30390	2.0

*Includes 2 Bars per Set

Lead time: 1 working day



Aluminum Content

Far-Pul® HD®

ALUMINUM ALLOY TYPE	PERCENT	
	Mg Magnesium	Ti Titanium
6061	1.0%	0.0%

Shaded items are made to order.
Lead time: 5 working days

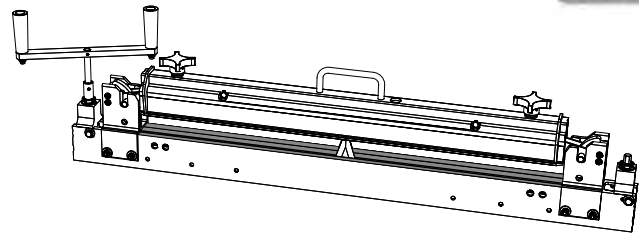
Product Ordering Information



900 Series* Belt Cutter

DESCRIPTION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Cutter Complete for belts up to 1.5" (38 mm) * Patent Pending	24	600	900924	04200	34.0
	36	900	900936	04143	39.4
	48	1200	900948	04144	48.0
	60	1500	900960	04145	54.0
	72	1800	900972	04146	60.3
	84	2130	900984	04147	86.0
Replacement Blade Kit			900CBK	04149	0.15
Drive Handle Assembly				04140	2.0

Lead time: 1 working day

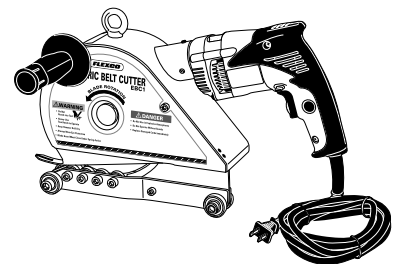


Aluminum Content 900 Series Belt Cutter

ALUMINUM ALLOY TYPE	PERCENT	
	Mg Magnesium	Ti Titanium
5356	5.5%	0.2%
6005	0.6%	0.1%
6061	1.0%	0.0%
7075	2.5%	0.0%

Electric Belt Cutter

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Electric Belt Cutter (for belts up to 1" thick)	EBC1	30001	29.5
Electric Belt Cutter (for belts up to 2" thick)	EBC2	30002	40.0
Replacement Blade for EBC1	EBC1-B	30003	2.0
Replacement Blade for EBC2	EBC2-B	30004	2.8
Replacement Electric Hammer Drill for EBC1	EBC1-DR	30005	7.5
Replacement Electric Hammer Drill for EBC2	EBC2-DR	30006	12.1
Replacement Eyebolt for EBC1 & EBC2	EBC-EB	30007	.9
Replacement Handle for EBC1 & EBC2	EBC-H	30008	.4



Cordless Electric Belt Cutter

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Cordless Electric Belt Cutter (for belts up to 1" thick)	CEBC1	30018	29.0
Cordless Electric Belt Cutter (for belts up to 2" thick)	CEBC2	30019	39.5

Cutting Capacity

BELT TYPE	EBC1/CEBC1		EBC2/CEBC2	
	Imperial	Metric	Imperial	Metric
Rubber	Up to 1"	Up to 25 mm	Up to 2"	Up to 50 mm
PVC	Up to 360 PIW	Up to 630 EP	Up to 1140 PIW	Up to 2000 EP

Product Ordering Information

Flex-Lag®
Rubber Pulley Lagging

Flex-Lag® Natural Rubber*

PATTERN	THICKNESS INCHES (MM)	ORDERING NUMBER	ITEM CODE
Diamond Ceramic	15/32 (12)	12NDC	71155
Diamond	13/32 (10)	10ND	71002
	15/32 (12)	12ND	71004
	19/32 (15)	15ND	71006
	25/32 (20)	20ND	71008
	1 (25)	25ND	71152
Plain	13/32 (10)	10NP	71010
	15/32 (12)	12NP	71012
	25/32 (20)	20NP	71162
	1 (25)	25NP	71163

Flex-Lag® Light Duty Rubber**

Description	Ordering Number	Item Code
Black (SBR)	6BLD	71077
White (Nitrile)	6WLD	71076

* For Flex-Lag® Natural Rubber and Flame-Resistant Rubber, all material is 8 inches (200mm) wide in 21 foot (6.5M) rolls.

** For Flex-Lag® Light Duty Rubber all material is 8 inches (200mm) wide and 10.8 foot (3.3M) rolls.

Flex-Lag® Flame-Resistant Rubber*

PATTERN	THICKNESS INCHES (MM)	ORDERING NUMBER	ITEM CODE
Diamond Ceramic	15/32 (12)	12FRDC	71159
Diamond	13/32 (10)	10FRD	71014
	15/32 (12)	12FRD	71016
	19/32 (15)	15FRD	71018
	25/32 (20)	20FRD	71019
Plain	13/32 (10)	10FRP	71020
	15/32 (12)	12FRP	71022

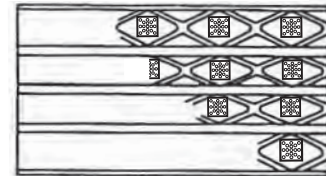
N - Natural, FR - FRAS, P - Plain, D - Diamond

FRAS (Fire Resistant Anti Static) MSHA Certification # - MSHA NO. IC-190

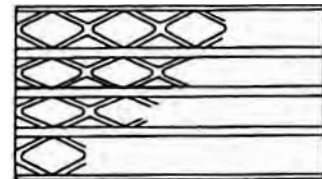
Strip Selection Chart

PULLEY DIAMETER INCHES (MM)	NUMBER OF STRIPS REQUIRED	PULLEY DIAMETER INCHES (MM)	NUMBER OF STRIPS REQUIRED	PULLEY DIAMETER INCHES (MM)	NUMBER OF STRIPS REQUIRED
12.6-15.0 (320-381)	6	32.6-35.0 (828-891)	14	52.7-55.1 (1,339-1,400)	22
15.1-17.5 (382-445)	7	35.1-37.5 (892-955)	15	55.2-57.6 (1,403-1,463)	23
17.6-20.0 (446-510)	8	37.6-40.0 (956-1,018)	16	57.7-60.1 (1,466-1,527)	24
20.1-22.5 (511-573)	9	40.1-42.5 (1,019-1,082)	17	60.2-62.6 (1,529-1,590)	25
22.6-25.0 (574-636)	10	42.6-45.0 (1,083-1,145)	18	62.7-65.1 (1,593-1,654)	26
25.1-27.5 (637-700)	11	45.1-47.6 (1,146-1,210)	19	65.2-67.6 (1,656-1,717)	27
27.6-30.0 (701-764)	12	47.7-50.1 (1,212-1,273)	20	67.7-70.1 (1,720-1,781)	28
30.1-32.5 (765-827)	13	50.2-52.6 (1,275-1,336)	21	70.2-72.6 (1,783-1,847)	29

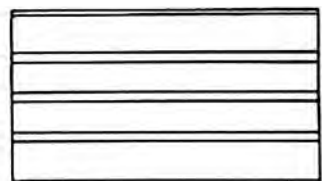
Diamond Ceramic Lagging



Diamond Grooved Lagging



Plain Grooved Lagging



Product Ordering Information

Flex-Lag® Ceramic (w/Natural Rubber Base) - 1/2" (12.7mm) Thick

BELT WIDTH	MAXIMUM PULLEY FACE WIDTH	CERAMIC STRIP LENGTH	OVERALL STRIP LENGTH	ORDERING NUMBER	ITEM CODE
18"	34"	18"	34"	CN18(34)	71111
24"	39"	24"	39"	CN24(39)	71112
30"	46"	30"	46"	CN30(46)	71113
36"	51"	36"	51"	CN36(51)	71115
42"	59"	42"	59"	CN42(59)	71116
48"	63"	48"	63"	CN48(63)	71039
54"	71"	54"	71"	CN54(71)	71126
60"	79"	60"	79"	CN60(79)	71127
72"	90"	72"	90"	CN72(90)	71042
84"	103"	84"	103"	CN84(103)	71129



Strip Selection Chart

PULLEY DIAMETER INCHES (MM)	NUMBER OF STRIPS REQUIRED	PULLEY DIAMETER INCHES (MM)	NUMBER OF STRIPS REQUIRED	PULLEY DIAMETER INCHES (MM)	NUMBER OF STRIPS REQUIRED
12.6-15.0 (320-381)	6	32.6-35.1 (827-891)	14	52.7-55.1 (1,339-1,400)	22
15.1-17.5 (382-445)	7	35.2-37.6 (892-955)	15	55.2-57.6 (1,403-1,463)	23
17.6-20.0 (446-510)	8	37.7-40.1 (956-1,018)	16	57.7-60.1 (1,466-1,527)	24
20.1-22.5 (511-573)	9	40.2-42.6 (1,019-1,082)	17	60.2-62.6 (1,529-1,590)	25
22.6-25.0 (574-636)	10	42.7-45.1 (1,083-1,145)	18	62.7-65.1 (1,593-1,654)	26
25.1-27.5 (637-700)	11	45.2-47.6 (1,146-1,210)	19	65.2-67.6 (1,656-1,717)	27
27.6-30.0 (701-764)	12	47.7-50.1 (1,212-1,273)	20	67.7-70.1 (1,720-1,781)	28
30.1-32.5 (765-826)	13	50.2-52.6 (1,275-1,336)	21	70.2-72.6 (1,783-1,847)	29

Special Offerings

PRODUCT	PRICE COMPARED TO NATURAL RUBBER
FRAS Compound (Flame Resistant Rubber)	+7 1/2%
Nitrile Oil Resistant	+20%
15mm Thickness (natural)	+5%
20mm Thickness (natural)	+7 1/2%

FRAS (Fire Resistant Anti Static) MSHA Certification # MSHA NO. IC-190

Note: Custom made strips are available upon request. Please note that the maximum overall length of custom made strips is 12.7 feet (3900mm).

Product Ordering Information

Flex-Lag® Weld-On™
Rubber Pulley Lagging



For Pulley Diameters 16" - 29" (400-725 mm)

FLEX-LAG® WELD-ON™ RUBBER PULLEY LAGGING					
BELT WIDTH		STRIP LENGTH		ORDERING NUMBER	ITEM CODE
IN.	MM	IN.	MM		
18	450	20	500	12RD18-16	72169
24	600	26	650	12RD24-16	72171
30	750	32	800	12RD30-16	72173
36	900	38	950	12RD36-16	72175
42	1050	44	1100	12RD42-16	72177
48	1200	51	1275	12RD48-16	72179
54	1350	57	1425	12RD54-16	72181
60	1500	63	1575	12RD60-16	72183
72	1800	75	1875	12RD72-16	72185
FLEX-LAG® WELD-ON™ FLAME-RESISTANT RUBBER LAGGING					
18	450	20	500	12FD18-16	72187
24	600	26	650	12FD24-16	72189
30	750	32	800	12FD30-16	72191
36	900	38	950	12FD36-16	72193
42	1050	44	1100	12FD42-16	72195
48	1200	51	1275	12FD48-16	72197
54	1350	57	1425	12FD54-16	72199
60	1500	63	1575	12FD60-16	72201
72	1800	75	1875	12FD72-16	72203

Strip Selection Chart

PULLEY DIAMETER		STRIPS REQUIRED
IN.	MM	
18	450	9
24	600	12
30	750	15
36	900	18
42	1050	21
48	1200	24
54	1350	27
60	1500	30
72	1800	36

For Pulley Diameters 30" (750 mm) and over

FLEX-LAG® WELD-ON™ RUBBER PULLEY LAGGING					
BELT WIDTH		STRIP LENGTH		ORDERING NUMBER	ITEM CODE
IN.	MM	IN.	MM		
18	450	20	500	12RD18-30	72170
24	600	26	650	12RD24-30	72172
30	750	32	800	12RD30-30	72174
36	900	38	950	12RD36-30	72176
42	1050	44	1100	12RD42-30	72178
48	1200	51	1275	12RD48-30	72180
54	1350	57	1425	12RD54-30	72182
60	1500	63	1575	12RD60-30	72184
72	1800	75	1875	12RD72-30	72186
FLEX-LAG® WELD-ON™ FLAME-RESISTANT RUBBER LAGGING					
18	450	20	500	12FD18-30	72188
24	600	26	650	12FD24-30	72190
30	750	32	800	12FD30-30	72192
36	900	38	950	12FD36-30	72194
42	1050	44	1100	12FD42-30	72196
48	1200	51	1275	12FD48-30	72198
54	1350	57	1425	12FD54-30	72200
60	1500	63	1575	12FD60-30	72202
72	1800	75	1875	12FD72-30	72204

FRAS (Fire Resistant Anti Static) MSHA Certification # - MSHA NO. IC-190

Product Ordering Information

Flex-Lag® Weld-On™
Ceramic Pulley Lagging

For Pulley Diameters 16" - 29" (400 - 725 mm)

BELT WIDTH		STRIP LENGTH		ORDERING NUMBER	ITEM CODE
IN.	MM	IN.	MM		
18	450	20	500	WCN18-16	71131
24	600	26	650	WCN24-16	71132
30	750	32	800	WCN30-16	71133
36	900	38	950	WCN36-16	71135
42	1050	44	1100	WCN42-16	71137
48	1200	51	1275	WCN48-16	71139
54	1350	57	1425	WCN54-16	71149
60	1500	63	1575	WCN60-16	71165
72	1800	75	1875	WCN72-16	71151



For Pulley Diameters 30" (750 mm) and Over

BELT WIDTH		STRIP LENGTH		ORDERING NUMBER	ITEM CODE
IN.	MM	IN.	MM		
24	600	26	650	WCN24-30	71150
30	750	32	800	WCN30-30	71134
36	900	38	950	WCN36-30	71136
42	1050	44	1100	WCN42-30	71138
48	1200	51	1275	WCN48-30	71144
54	1350	57	1425	WCN54-30	71145
60	1500	63	1575	WCN60-30	71146
72	1800	75	1875	WCN72-30	71147

Strip Selection Chart

PULLEY DIAMETER		STRIPS REQUIRED
IN.	MM	
16	400	8
18	450	9
20	500	10
24	600	12
30	750	15
36	900	18
42	1050	21
48	1200	24
54	1350	27
60	1500	30
72	1800	36

Coefficients of Friction

(Pressure on surface
3 kg/CM(2) V=50 M/min.)

CONDITION	FLEX-LAG® CERAMIC LAGGING
Dry	0.74 to 0.83
Wet	0.48 to 0.78
Wet with Mud	0.42 to 0.51

Note: a dry, bare steel or iron pulley has a coefficient of friction of approximately .25.

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ITEM CODE	ORDERING NUMBER	PAGE	ITEM CODE	ORDERING NUMBER	PAGE	ITEM CODE	ORDERING NUMBER	PAGE	ITEM CODE	ORDERING NUMBER	PAGE
04140		133	71138	WCN42-30	137	73049	HSA8M	44	74037	VMFM	113
04143	900936	133	71139	WCN48-16	137	73049	HSA8M	49	74038	VMFL	113
04144	900948	133	71140	FLM-PC	130	73049	HSA8M	46	74100	HW-BC	97
04145	900960	133	71141	FL-CP-I	130	73049	HSA8M	48	74141	HTTS	97
04146	900972	133	71141	FL-CP-I	130	73049	HSA8M	98	74307	HXF8SS	42
04147	900984	133	71144	WCN48-30	137	73049	HSA8SS	49	74307	HXF8SS	98
04149	900CBK	133	71145	WCN54-30	137	73050	HPS8	98	74313	STKHSS	98
04200	900924	133	71146	WCN60-30	137	73054	HMK	98	74316	STKHSD	98
30001	EBC1	133	71147	WCN72-30	137	73063	HSA8L	44	74389	CBV-72	110
30002	EBC2	133	71149	WCN54-16	137	73063	HSA8L	46	74390	CBV-84	110
30003	EBC1-B	133	71150	WCN24-30	137	73063	HSA8L	48	74391	CBV-96	110
30004	EBC2-B	133	71151	WCN72-16	137	73063	HSA8L	98	74395	VP72	113
30005	EBC1-DR	133	71152	25ND	134	73064	HSA8LL	44	74396	VP84	113
30006	EBC2-DR	133	71155	12NDC	134	73064	HSA8LL	46	74397	VP96	113
30007	EBC-EB	133	71159	12FRDC	134	73064	HSA8LL	48	74398	VMF72	113
30008	EBC-H	133	71162	20NP	134	73064	HSA8LL	98	74399	VMF84	113
30018	CEBC1	133	71163	25NP	134	73065	HP54	98	74419	STTS	16
30019	CEBC2	133	71164	FL-CP-ISS	130	73066	HP60	98	74419	STTS	86
30390	LSHD-RPK	132	71165	WCN60-16	137	73067	HP72	98	74419	STTS	98
30392	LSHDS	132	71168	FL-PC-ISS	130	73068	HBRK	98	74440	VMF96	113
30393	LSHD30	132	72169	12RD18-16	136	73069	HARK	98	74448	UFB18	83
30394	LSHD36	132	72170	12RD18-30	136	73131	CBV-XS	110	74449	UFB24	83
30395	LSHD42	132	72171	12RD24-16	136	73132	CBV-S	110	74450	UFB30	83
30396	LSHD48	132	72172	12RD24-30	136	73133	CBV-M	110	74451	UFB36	83
30397	LSHD54	132	72173	12RD30-16	136	73134	CBV-L	110	74452	UFB42	83
30398	LSHD60	132	72174	12RD30-30	136	73140	RBPIE-S	121	74453	UFB48	83
30399	LSHD72	132	72175	12RD36-16	136	73142	RBPIE-M	121	74454	UFB54	83
30400	LSHDLP	132	72176	12RD36-30	136	73144	RBPIE-L	121	74455	UFB60	83
30408	LSHDB72-2	132	72177	12RD42-16	136	73146	RBPIE-XL	121	74456	UFB72	83
30414	LSHDB36-2	132	72178	12RD42-30	136	73156	PSA150	54	74457	VBK-72	110
30418	LSHDB30-2	132	72179	12RD48-16	136	73156	PSA150	57	74457	VBK-72	113
30421	LSHDB42-2	132	72180	12RD48-30	136	73156	PSA150	61	74458	VBK-84	110
30423	LSHDB48-2	132	72181	12RD54-16	136	73156	PSA150	63	74458	VBK-84	113
30424	LSHDB54-2	132	72182	12RD54-30	136	73156	PSA150	71	74459	VBK-96	110
30430	LSHDB60-2	132	72183	12RD60-16	136	73156	PSA150	74	74459	VBK-96	113
71002	10ND	134	72184	12RD60-30	136	73163	RBPRET	123	74460	UFB84	83
71004	12ND	134	72185	12RD72-16	136	73163	RBPRET	126	74502	HDTS	16
71006	15ND	134	72186	12RD72-30	136	73169	RBPER-S	123	74502	HDTS	86
71008	20ND	134	72187	12FD18-16	136	73170	RBPER-M	123	74502	HDTS	98
71010	10NP	134	72188	12FD18-30	136	73171	RBPER-L	123	74504	STKD	98
71012	12NP	134	72189	12FD24-16	136	73172	RBPER-XL	123	74505	STKS	98
71014	10FRD	134	72190	12FD24-30	136	73190	VBK-XS	110	74534	ISC	99
71016	12FRD	134	72191	12FD30-16	136	73190	VBK-XS	113	74535	ICT6	50
71018	15FRD	134	72192	12FD30-30	136	73191	VBK-S	110	74535	ICT6	51
71019	20FRD	134	72193	12FD36-16	136	73191	VBK-S	113	74535	ICT6	53
71020	10FRP	134	72194	12FD36-30	136	73192	VBK-M	110	74535	ICT6	54
71022	12FRP	134	72195	12FD42-16	136	73192	VBK-M	113	74535	ICT6	55
71039	CN48(63)	135	72196	12FD42-30	136	73193	VBK-L	110	74535	ICT6	57
71042	CN72(90)	135	72197	12FD48-16	136	73193	VBK-L	113	74535	ICT6	58
71052	FLSC-I	130	72198	12FD48-30	136	73399	VMBK	113	74535	ICT6	60
71054	FLSC-I-BULK	130	72199	12FD54-16	136	73400	VPXS	113	74535	ICT6	61
71055	FLSCM-I	130	72200	12FD54-30	136	73408	VPS	113	74535	ICT6	63
71057	FL-PC-I	130	72201	12FD60-16	136	73409	VPM	113	74535	ICT6	64
71058	FL-RPI	130	72202	12FD60-30	136	73410	VPL	113	74535	ICT6	65
71058	FL-RPI	130	72203	12FD72-16	136	73438	PV72	54	74535	ICT6	69
71060	FL-RBI	130	72204	12FD72-30	136	73533	VCS	113	74535	ICT6	70
71060	FL-RBI	130	73017	PP72	57	73535	VMFXS	113	74535	ICT6	71
71076	6WLD	134	73027	HP18	98	73549	VMFS	113	74535	ICT6	74
71077	6BLD	134	73029	HP24	98	73626	PHA	57	74535	ICT6	75
71100	FLSCM-I-BULK	130	73031	HP30	98	73626	PHA	63	74535	ICT6	78
71111	CN18(34)	135	73033	HP36	98	73626	PHA	74	74535	ICT6	79
71112	CN24(39)	135	73035	HP42	98	73628	RSA150	58	74535	ICT6	82
71113	CN30(46)	135	73037	HP48	98	73628	RSA150	60	74535	ICT6	89
71115	CN36(51)	135	73042	HVT8	44	73628	RSA150	64	74558	RBP1S-S	121
71116	CN42(59)	135	73042	HVT8	48	73628	RSA150	65	74559	RBP1S-M	121
71126	CN54(71)	135	73042	HVT8	98	73628	RSA150	69	74560	RBP1S-L	121
71127	CN60(79)	135	73047	HSA8SS	44	73628	RSA150	70	74561	RBP1S-XL	121
71129	CN84(103)	135	73047	HSA8SS	46	73628	RSA150	75	74562	RBPSR-S	123
71131	WCN18-16	137	73047	HSA8SS	48	73628	RSA150	78	74563	RBPSR-M	123
71132	WCN24-16	137	73047	HSA8SS	98	73628	RSA150	79	74564	RBPSR-L	123
71133	WCN30-16	137	73048	HSA8S	44	73628	RSA150	82	74565	RBPSR-XL	123
71134	WCN30-30	137	73048	HSA8S	46	73631	HVPT	46	74566	PC18	54
71135	WCN36-16	137	73048	HSA8S	49	73631	HVPT	48	74567	PC24	54
71136	WCN36-30	137	73048	HSA8S	98	73631	HVPT	49	74568	PC30	54
71137	WCN42-16	137	73048	HSA8S	48	73631	HVPT	98	74569	PC36	54

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74571	PC48	54	74830	HTV30S	49	75579	SPMK3	95	75641	EZP1PL	17
74572	PC54	54	74831	HTV36S	49	75583	PTM24T	127	75641	EZP1PL	86
74573	PC60	54	74832	HTV42S	49	75584	PTM24R	127	75642	EZP1BP	16
74574	PC72	54	74833	HTV48S	49	75585	STTS-S/S	87	75642	EZP1BP	17
74582	HMRK	98	74838	HTV36M	49	75586	HDS-S/S	87	75642	EZP1BP	102
74612	RP72	60	74839	HTV42M	49	75588	PLSC18	55	75642	EZP1BP	104
74618	RC18	58	74840	HTV48M	49	75589	PLSC24	55	75642	EZP1BP	105
74619	RC24	58	74883	SSTK	57	75590	PLSC30	55	75643	EZS2-18	50
74620	RC30	58	74883	SSTK	60	75591	PLSC36	55	75644	EZS2-24	50
74621	RC36	58	74883	SSTK	99	75592	PLSC42	55	75645	EZS2-30	50
74622	RC42	58	74885	PTM30T	127	75593	PLSC48	55	75646	EZS2-36	50
74623	RC48	58	74886	PTM36T	127	75594	PLSC54	55	75647	EZS2-42	50
74624	RC54	58	74887	PTM42T	127	75595	PLSP18	57	75648	EZS2-48	50
74625	RC60	58	74888	PTM48T	127	75596	PLSP24	57	75649	EZS2-54	50
74626	RC72	58	74889	PTM54T	127	75597	PLSP30	57	75650	EZS2-60	50
74641	RV72	58	74890	PTM60T	127	75598	PLSP36	57	75651	EZS2-72	50
74689	HXF8S	42	74891	PTMHD54T	127	75599	PLSP42	57	75652	EZS2P18	53
74689	HXF8S	98	74892	PTMHD60T	127	75600	PLSP48	57	75652	EZS2P18	99
74690	HXF8M	42	74893	PTMHD72T	127	75601	PLSP54	57	75653	EZS2P24	53
74690	HXF8M	98	74894	PTMHD84T	127	75610	EZP1-212	11	75653	EZS2P24	99
74691	HXF8L	42	74899	PTM30R	127	75611	EZP1-218	11	75654	EZS2P30	53
74691	HXF8L	98	74900	PTM36R	127	75612	EZP1-224	11	75654	EZS2P30	99
74692	RDP1-S	111	74901	PTM42R	127	75613	EZP1-230	11	75655	EZS2P36	53
74693	RDP1-M	111	74902	PTM48R	127	75614	EZP1-236	11	75655	EZS2P36	99
74694	RDP1-L	111	74903	PTM54R	127	75615	EZP1-242	11	75656	EZS2P42	53
74695	RDP1-XL	111	74904	PTM60R	127	75616	EZP1-248	11	75656	EZS2P42	99
74698	RDPMBK	113	74905	PTMHD54R	127	75617	EZP1-254	11	75657	EZS2P48	53
74699	RDPBK-S	111	74906	PTMHD60R	127	75618	EZP1-260	11	75657	EZS2P48	99
74699	RDPBK-S	113	74907	PTMHD72R	127	75619	EZP1P12	16	75658	EZS2P54	53
74700	RDPBK-M	111	74908	PTMHD84R	127	75619	EZP1P12	17	75658	EZS2P54	99
74700	RDPBK-M	113	74914	MSR	128	75620	EZP1P18	16	75659	EZS2P60	53
74701	RDPBK-L	111	74916	PMSMK	128	75620	EZP1P18	17	75659	EZS2P60	99
74701	RDPBK-L	113	74918	MAK	128	75621	EZP1P24	16	75660	EZS2P72	53
74702	RDPBK-XL	111	74919	MAKHD	128	75621	EZP1P24	17	75660	EZS2P72	99
74702	RDPBK-XL	113	74921	MORK	128	75622	EZP1P30	16	75661	FFCK	53
74705	RDPMSK	113	74923	MCRK	128	75622	EZP1P30	17	75664	EZS2ABK	53
74709	SPK18	95	74925	MCB	128	75623	EZP1P36	16	75664	EZS2ABK	57
74710	SPK24	95	74927	MCSK	128	75623	EZP1P36	17	75664	EZS2ABK	60
74711	SPK30	95	74928	MCSKHD	128	75624	EZP1P42	16	75664	EZS2ABK	74
74712	SPK36	95	74930	MCS	128	75624	EZP1P42	17	75664	EZS2ABK	78
74713	SPK42	95	74931	MCSHD	128	75625	EZP1P48	16	75664	EZS2ABK	92
74714	SPK48	95	74941	SRBK	96	75625	EZP1P48	17	75664	EZS2ABK	99
74715	SPK54	95	74952	SPKHD42	95	75626	EZP1P54	16	75665	EZS2PCK	53
74716	SPK60	95	74953	SPKHD48	95	75626	EZP1P54	17	75665	EZS2PCK	57
74717	SPK72	95	74954	SPKHD54	95	75627	EZP1P60	16	75665	EZS2PCK	60
74718	SPKHD72	95	74955	SPKHD60	95	75627	EZP1P60	17	75665	EZS2PCK	99
74719	SPKHD84	95	74982	VMLK	113	75628	CRB10	14	75666	EZS2MBK	53
74734	SPCP	95	74983	VSC	113	75628	CRB10	25	75666	EZS2MBK	57
74742	SPBV	95	74984	PNC	57	75628	CRB10	102	75666	EZS2MBK	60
74743	SPYS	95	74984	PNC	74	75629	CRB16	14	75666	EZS2MBK	74
74744	SPPR	95	74985	RNC	60	75629	CRB16	25	75666	EZS2MBK	78
74745	SPH10	95	74985	RNC	78	75629	CRB16	102	75666	EZS2MBK	92
74746	SPN	95	75522	RBPFK-S	123	75630	CRB22	14	75666	EZS2MBK	99
74747	SPG	95	75523	RBPFK-M	123	75630	CRB22	25	75667	EZS2MK	53
74748	SPPN	95	75524	RBPFK-L	123	75630	CRB22	102	75667	EZS2MK	57
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74771	HSSTS	98	75526	RBPMBK	123	75631	CRB28	25	75667	EZS2MK	99
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74772	HSSCS	98	75528	RBPIT-M	123	75632	CRB34	14	75769	EZS2HDPCK	74
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74773	PSSS	69	75530	RBPIT-XL	123	75632	CRB34	102	75769	EZS2HDPCK	99
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74824	HTV36SS	49	75573	VUBK-L	110	75636	CRB58	14	75773	CRB70	102
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77652	MHS-42RV-S/S	67	77841	MHS-30-ESAC	79	77893	SACPL-60/1500	74	77928	RCAP-72/1800	78
77653	MHS-48RV-S/S	67	77842	MHS-36-ESAC	79	77893	SACPL-60/1500	78	77929	MHS-CARK-C24/600	80
77654	MHS-54RV-S/S	67	77843	MHS-42-ESAC	79	77893	SACPL-60/1500	82	77930	MHS-CARK-C30/750	80
77655	MHS-60RV-S/S	67	77844	MHS-48-ESAC	79	77894	SACPL-72/1800	74	77931	MHS-CARK-C36/900	80
77656	MHS-72RV-S/S	67	77845	MHS-54-ESAC	79	77894	SACPL-72/1800	78	77932	MHS-CARK-C42/1050	80
77657	MHS-84RV-S/S	67	77846	MHS-60-ESAC	79	77894	SACPL-72/1800	82	77933	MHS-CARK-C48/1200	80
77664	PTS-18R	124	77847	MHS-72-ESAC	79	77895	SACPL2-60/1500	74	77934	MHS-CARK-C54/1350	80
77665	PTS-24R	124	77848	MHS-60-2ESAC	79	77895	SACPL2-60/1500	78	77935	MHS-CARK-C60/1500	80
77666	PTS-30R	124	77849	MHS-72-2ESAC	79	77895	SACPL2-60/1500	82	77936	MHS-CARK-C72/1800	80
77667	PTS-36R	124	77850	MHS-84-2ESAC	79	77896	SACPL2-72/1800	74	77937	MHS-CARK-V24/600	80
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77669	PTS-48R	124	77852	MHS-120-2ESAC	79	77896	SACPL2-72/1800	82	77939	MHS-CARK-V36/900	80
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77674	PTS-36R-UG	124	77857	MHS-48V-ESAC	79	77898	SACPL2-96/2400	78	77944	MHS-CARK-V72/1800	80
77675	PTS-42R-UG	124	77858	MHS-54V-ESAC	79	77898	SACPL2-96/2400	82	77945	MHS-CARK2-C60/1500	80
77676	PTS-48R-UG	124	77859	MHS-60V-ESAC	79	77899	SACPL2-120/3000	74	77946	MHS-CARK2-C72/1800	80
77677	PTS-54R-UG	124	77860	MHS-72V-ESAC	79	77899	SACPL2-120/3000	78	77947	MHS-CARK2-C84/2100	80
77678	PTS-60R-UG	124	77861	MHS-60V-2ESAC	79	77899	SACPL2-120/3000	82	77948	MHS-CARK2-C96/2400	80
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77680	PTS-RR21	124	77863	MHS-84V-2ESAC	79	77900	CART-24/600	78	77950	MHS-CARK2-V60/1500	80
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12RD42-16	72177	136	CBC18	76668	92	CRB-LS28	77091	20	CRD24	76677	92
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HSA8L	73063	48	HV-42L	76252	44	HXF2-42L	76300	42	ICT6	74535	71
HSA8L	73063	98	HV-42LL	76253	44	HXF2-42M	76299	42	ICT6	74535	74
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LS-SS	77118	22	MHCP-2BC54	76643	41	MHS-24	75910	64	MHS-60V	76176	64
LS-SW	77117	22	MHCP-2BC60	76644	41	MHS-24-ESAC	77840	79	MHS-60V-2ESAC	77861	79
LSHD-RPK	30390	132	MHCP-2BC72	76645	41	MHS-24-S/S	77601	67	MHS-60V-ESAC	77859	79
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MAPEK	76024	93	MHCP-BCK30	75954	39	MHS-42P	78739	65	MHS-CARK-C60/1500	77935	80
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PP-24	78416	57	PTS-60R-UG	77678	124	QMTBK-P	76097	36	RBAER-58	76049	107
PP-30	78418	57	PTS-72R	77672	124	QMTBK-P	76097	48	RBAER-70	76050	107
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PSA150	73156	57	PTS-PA	77699	126	QMTPAK	76096	35	RBAGS-22	75996	104
PSA150	73156	61	PTS-PS	77698	126	QMTPAK	76096	48	RBAGS-24	76968	104
PSA150	73156	63	PTS-RHSAA	77755	126	QMTPAK	76096	86	RBAGS-28	75997	104
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STS-S	75843	63	URCB72/1800	76756	84	UTF48	76729	83	WCN48-16	71139	137
STS-S	75843	69	URCB84/2100	76757	83	UTF54	76730	83	WCN48-30	71144	137
STS-S	75843	82	URCB84/2100	76757	84	UTF60	76731	83	WCN54-16	71149	137
STS-S	75843	91	URVB18/450	76736	83	UTF72	76732	83	WCN54-30	71145	137
STS-S-S/S	77631	70	URVB18/450	76736	84	UTF84	76733	83	WCN60-16	71165	137
STS-W	75846	63	URVB24/600	76737	83	UTV18	76700	83	WCN60-30	71146	137
STS-W	75846	69	URVB24/600	76737	84	UTV18J-S/S	77273	84	WCN72-16	71151	137
STS-W	75846	82	URVB30/750	76738	83	UTV24	76701	83	WCN72-30	71147	137
STS-W	75846	91	URVB30/750	76738	84	UTV24J-S/S	77274	84			
STS-W-S/S	77630	70	URVB36/900	76739	83	UTV30	76702	83			
STTS	74419	16	URVB36/900	76739	84	UTV30J-S/S	77275	84			
STTS	74419	86	URVB42/1050	76740	83	UTV36	76703	83			
STTS	74419	98	URVB42/1050	76740	84	UTV36J-S/S	77276	84			
STTS-S/S	75585	87	URVB48/1200	76741	83	UTV42	76704	83			
TEN-LOCK-KIT	77443	94	URVB48/1200	76741	84	UTV42J-S/S	77277	84			
TRB-HT18	78754	33	URVB54/1350	76742	83	UTV48	76705	83			
TRB-HT24	78755	33	URVB54/1350	76742	84	UTV48J-S/S	77278	84			
TRB-HT30	78756	33	URVB60/1500	76743	83	UTV54	76706	83			
TRB-HT36	78757	33	URVB60/1500	76743	84	UTV54J-S/S	77279	84			
TRB-HT42	78758	33	URVB72/1800	76744	83	UTV60	76707	83			
TRB-HT48	78759	33	URVB72/1800	76744	84	UTV60J-S/S	77280	84			
TRB-HT54	78760	33	URVB84/2100	76745	83	UTV72	76708	83			
TRB-HT60	78761	33	URVB84/2100	76745	84	UTV72J-S/S	77281	84			
TRB-HT66	78762	33	USMK	76792	86	UTV84	76709	83			
TRB-HT72	78763	33	USP18/450	76772	86	UTV84J-S/S	77282	84			
TRB-HT78	78764	33	USP18/450-S/S	77339	87	VAK	76416	113			
TRB18	76485	33	USP24/600	76773	86	VBK-72	74457	110			
TRB24	76486	33	USP24/600-S/S	77340	87	VBK-72	74457	113			
TRB30	76487	33	USP30/750	76774	86	VBK-84	74458	110			
TRB36	76488	33	USP30/750-S/S	77341	87	VBK-84	74458	113			
TRB42	76489	33	USP36/900	76775	86	VBK-96	74459	110			
TRB48	76490	33	USP36/900-S/S	77342	87	VBK-96	74459	113			
TRB54	76491	33	USP42/1050	76776	86	VBK-L	73193	110			
TRB60	76492	33	USP42/1050-S/S	77343	87	VBK-L	73193	113			
TRB66	76493	33	USP48/1200	76777	86	VBK-M	73192	110			
TRB72	76494	33	USP48/1200-S/S	77344	87	VBK-M	73192	113			
TRB78	76697	33	USP54/1350	76778	86	VBK-S	73191	110			
TRB84	77047	33	USP54/1350-S/S	77345	87	VBK-S	73191	113			
TRB90	77048	33	USP60/1500	76779	86	VBK-XS	73190	110			
UBTK	76977	86	USP60/1500-S/S	77347	87	VBK-XS	73190	113			



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