



Product Handbook Singapore Book

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BCPPHB1

Belt Conveyor Products



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Belt Cleaner Information and Selection Guide

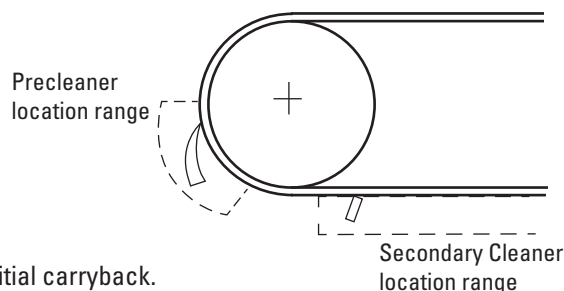
Why Are Belt Cleaners Needed?

- **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

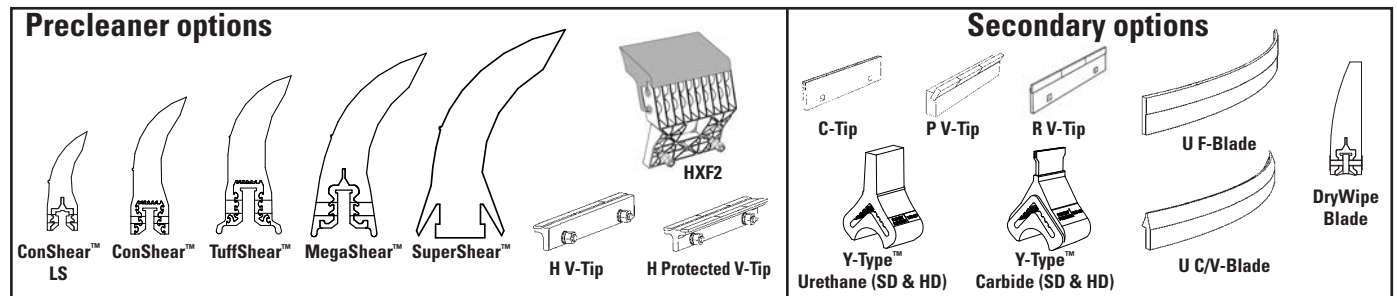
- **Precleaners**
 - Mounted on the head pulley.
 - Mounted below the material flow.
 - Blade is always narrower than the belt width.
 - Ideally, the blade covers just the belt's material path.
 - Removes the big stuff. Typically cleans off up to 80% of the initial carryback.
- **Secondary Cleaners**
 - 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

Polyurethane Blades

Not all polyurethanes are the same. Flexco's polyurethane blades are specially formulated for abrasion resistance and long wear. Independent testing has shown that Flexco's polyurethane 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 polyurethane formulations result in blades that experience quicker wear and provide less-efficient cleaning.

Tungsten Carbide

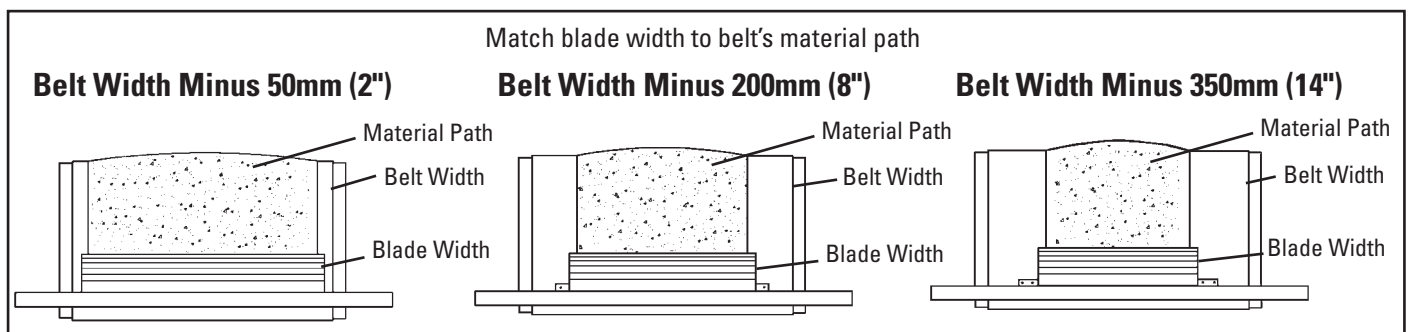
Excellent for superior cleaning efficiency and long wear. The quality and application of carbides can vary. Flexco has invested years of research and testing to develop tungsten carbide tips for both vulcanized and mechanically fastened belts. And a quality process ensures consistent results.

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

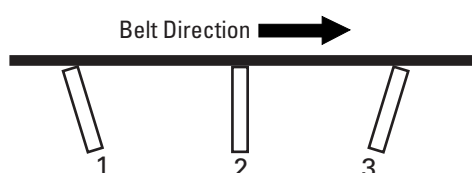


The "Material Path" Option (for Precleaners)

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).

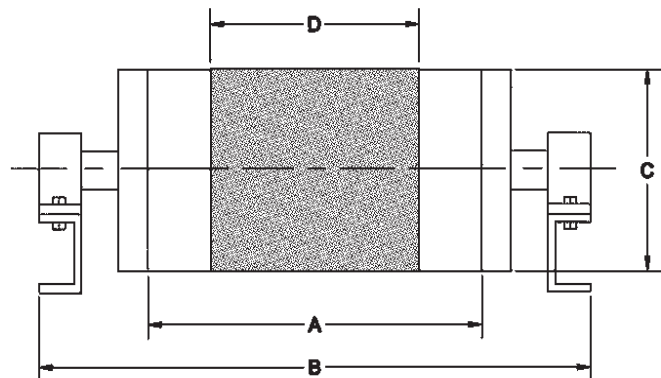
Keys to Good Belt Cleaning

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

Spec'ing and Ordering Belt Cleaners

Information needed:

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



Precleaner Selection Guide

PRECLEANER SPECIFICATION CHART

Application Description	EZP-LS	EZP1	MSP	MMP	MHP	MHCP
Belt Width*	300 - 1500mm (12" - 60")	300 - 1800mm (12" - 72")	600 - 2100mm (24" - 84")	600 - 2400 (mm24" - 96")	600 - 2400 (mm24" - 96")	600 - 2100mm (24" - 84")
Belt Speed	2.5m/s (500fpm)	3.5m/s (700fpm)	3.5m/s (700fpm)	5m/s (1000fpm)	7.5m/s (1500fpm)	6m/s (1200fpm)
Head Pulley Diameter	150 - 550mm (6" - 22")	250 - 900mm (10" - 36")	400 - 1050mm (16" - 42")	400 - 1200mm (16" - 48")	500 - 2100mm (20" - 84")	500 - 1200mm (20" - 48")
Reversing Belts	Yes	Yes	Yes	Yes	Yes	Yes
Mechanical Fasteners	Yes	Yes	Yes	Yes	Yes	Yes

PRECLEANER SPECIFICATION CHART (cont.)

Application Description	H-Type® (XF2- & XF-Tips)	H-Type® (V-Tips)	High Temp (V-Tips)	HV2 (V-Tips)
Belt Width*	450 - 1800mm (18" - 72")	450 - 1800mm (18" - 72")	450 - 1200mm (18" - 48")	450 - 1800mm (18" - 72")
Belt Speed	1000fpm (5m/s)	1000fpm (5m/s)	1000fpm (5m/s)	1500fpm (7.5m/s)
Head Pulley Diameter	250 - 1175mm (10" - 47")	250 - 1675mm (10" - 67")	200 - 875mm (8" - 35")	250 - 1675mm (10" - 67")
Reversing Belts	Yes	Yes	Yes	Yes
Mechanical Fasteners	Yes	No	No	No

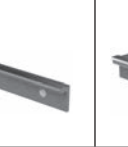
*Special sizes available upon request.

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	MegaShear™	SuperShear™
Belt Speed	2.5m/s (500fpm)	2.5m/s (500fpm)	2.5m/s (500fpm)	3.5m/s (700fpm)	3.5m/s (700fpm)	3.5m/s (700fpm)	5m/s (1000fpm)	5m/s (1000fpm)	7.5m/s (1500fpm)	6m/s (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)	-35 to 82°C (-30 to 180°F)
Polyurethane	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Durometer	83	93	83	83	93	83	83	93	90	90
Tungsten Carbide	No	No	No	No	No	No	No	No	No	No
Work with Mechanical Fasteners	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

‡ All ingredients used in the polyurethane 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	UltraShear™	HXF	HXF2	H V-Tip	H Protected V-Tip	HV2 Tip	Protected HV2 Tip
Belt Speed	10m/s (2000fpm)	3.5m/s (700fpm)	3.5m/s (700fpm)	5m/s (1000fpm)	5m/s (1000fpm)	7.5m/s (1500fpm)	7.5m/s (1500fpm)
Temperature Range	-35 to 185°C (-30 to 275°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 205°C (-30 to 400°F)	-35 to 205°C (-30 to 400°F)	-35 to 205°C (-30 to 400°F)
Polyurethane	Yes	Yes	Yes	No	No	No	No
Durometer	93	84	83	N/A	N/A	N/A	N/A
Tungsten Carbide	No	No	No	Yes	Yes	Yes	Yes
Work with Mechanical Fasteners	Yes	Yes	Yes	No	No	No	No

Secondary Cleaner Selection Guide

SECONDARY CLEANER SPECIFICATION CHART

Application Description	Y-Type SD Polyurethane	Y-Type SD Carbide	Y-Type HD Polyurethane	Y-Type HD Carbide	EZS2	EZS2 High Temp	FMS (C-Tip)	MHS (C-Tip)	MHS (V-Tip)	MDWS
Belt Width*	450 - 1200mm 18" - 48"	450 - 1200mm 18" - 48"	900 - 1800mm 36" - 72"	900 - 1800mm 36" - 72"	450 - 1800mm 18" - 72"	450 - 1800mm 18" - 72"	450 - 1800mm 18" - 72"	600 - 2400mm 24" - 96"	600 - 2400mm 24" - 96"	600 - 2400mm 24" - 96"
Belt Speed	3m/s (600fpm)	3m/s (600fpm)	3.8m/s (750fpm)	3.8m/s (750fpm)	3.5m/s (700fpm)	3.5m/s (700fpm)	5m/s (1000fpm)	6m/s (1200fpm)	6m/s (1200fpm)	5m/s (1000fpm)
Reversing Belts	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
Works with Mechanical Fasteners	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes

*Special sizes available upon request.

SECONDARY CLEANER SPECIFICATION CHART (cont.)

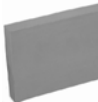
Application Description	P-Type® (C-Tip)	P-Type (V-Tip)	U-Type® (F-Blade)	U-Type (C-Blade)	U-Type (V-Blade)	R-Type® (C-Tip)	R-Type (V-Tip)	Chevron	Brush Cleaner
Belt Width*	900 - 1800mm 36" - 72"	900 - 1800mm 36" - 72"	450 - 2100mm 18" - 84"	450 - 2100mm 18" - 84"	450 - 2100mm 18" - 84"	900 - 1800mm 36" - 72"	900 - 1800mm 36" - 72"	450 - 1500mm 18" - 60"	450 - 2100mm 18" - 84"
Belt Speed	5m/s (1000fpm)	5m/s (1000fpm)	5m/s (1000fpm)	6.6m/s (1300fpm)	6.6m/s (1300fpm)	5m/s (1000fpm)	5m/s (1000fpm)	2.5m/s (500fpm)	3.5m/s (700fpm)
Reversing Belts	No	No	No	No	No	Yes	Yes	Yes	No
Works with Mechanical Fasteners	Yes	No	Yes	Yes	No	Yes	No	Yes	Yes

*Special sizes available upon request.

SECONDARY CLEANER BLADE SPECIFICATIONS

						
Blade Type	C-Tip	P V-Tip	R V-Tip	Y-Type Polyurethane (Purple)	Y-Type Polyurethane (White)	Y-Type Carbide
Temperature Range	-35 to 205°C -30 to 400°F	-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
Polyurethane	No	No	No	Yes	Yes	No
Durometer	N/A	N/A	N/A	86A	83A	N/A
Tungsten Carbide	Yes	Yes	Yes	No	No	Yes
Works with Mechanical Fasteners	Yes	No	No	Yes	Yes	Yes

SECONDARY CLEANER BLADE SPECIFICATIONS Cont.

						
Blade Type	DryWipe Blade	U F-Blade	U C-Blade	U V-Blade	Chevron	Brush Cleaner
Temperature Range	-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 82°C -30 to 180°F	-35 to 82°C -30 to 180°F
Polyurethane	Yes	Yes	Rubber	Rubber	Rubber	Polypropylene
Durometer	59	90	84	83	N/A	N/A
Tungsten Carbide	No	No	Yes	Yes	No	No
Works with Mechanical Fasteners	Yes	Yes	Yes	No	Yes	Yes

Product Ordering Information

EZP1 Standard Duty Precleaner

EZP1 Precleaner

Belt Width Minus 50mm (2")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
300	12	250	10	EZP1-300-50	81090	22.4
450	18	400	16	EZP1-450-50	81091	25.1
600	24	550	22	EZP1-600-50	90910	27.8
800	32	750	30	EZP1-800-50	90911	33.2
1000	40	950	38	EZP1-1000-50	90912	35.9
1200	48	1150	46	EZP1-1200-50	90913	38.6
1400	56	1350	54	EZP1-1400-50	90914	41.2
1500	60	1450	58	EZP1-1500-50	90915	43.9
1800	72	1750	70	EZP1-1800-50	90916	46.6

Lead time: 1 working day

EZP1 Precleaner

Belt Width Minus 200mm (8")

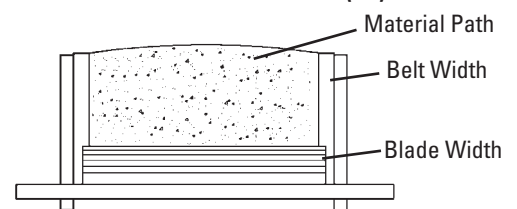
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
300	12	-	-	N/A	N/A	-
450	18	250	10	EZP1-450-200	81100	23.3
600	24	400	16	EZP1-600-200	90917	26.0
800	32	600	24	EZP1-800-200	90918	28.6
1000	40	800	32	EZP1-1000-200	90919	31.3
1200	48	1000	40	EZP1-1200-200	90920	34.0
1400	56	1200	48	EZP1-1400-200	90921	36.7
1500	60	1300	52	EZP1-1500-200	90922	39.3
1600	64	1400	56	EZP1-1600-200	90932	42.0
1800	72	1600	64	EZP1-1800-200	90923	44.7

Lead time: 1 working day

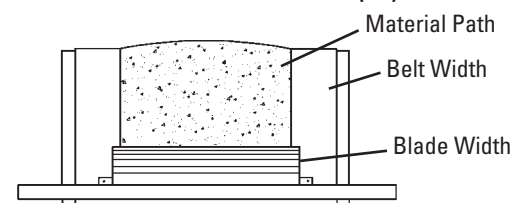


Match blade width to belt's material path

Belt Width Minus 50mm (2")



Belt Width Minus 200mm (8")



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 200mm (8") may be the best selection.
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 50mm (2"), minus 200mm (8"), or minus 350mm (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. Polyurethane blade glides over splices.
- Compatible with reversing belts.
- For applications requiring longer pole lengths, go to the minus 200mm (8") chart and select the cleaner one belt width size larger. This will provide a pole 150mm (6") longer and a blade size of belt width minus 50mm (2").

U.S. Patent No. D482,508S

Product Ordering Information

EZP1T Twist Tensioner Precleaner

EZP1T Precleaner with Twist Tensioner Belt Width Minus 50mm (2")

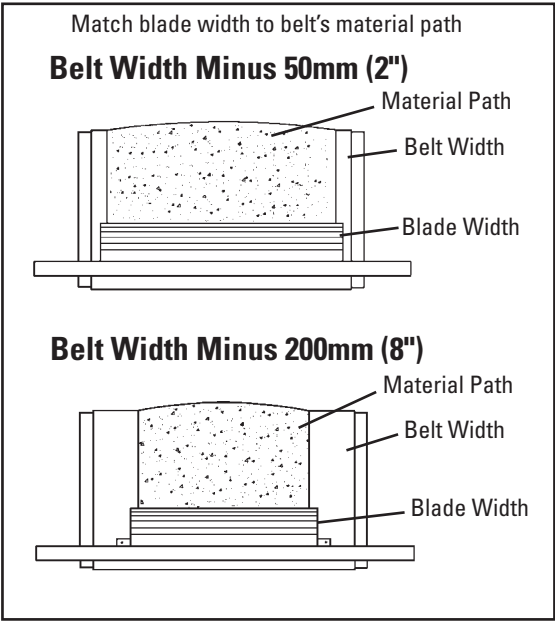
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
300	12	250	10	EZP1T-212	78488	17.5
450	18	400	16	EZP1T-218	78489	20.2
600	24	550	22	EZP1T-224	78490	23.0
750	30	700	28	EZP1T-230	78491	25.6
900	36	850	34	EZP1T-236	78492	28.3
1050	42	1000	40	EZP1T-242	78493	31.0
1200	48	1150	46	EZP1T-248	78494	33.7
1350	54	1300	52	EZP1T-254	78495	38.0
1500	60	1450	58	EZP1T-260	78496	41.7
1800	72	1750	70	EZP1T-272	78497	46.1

Lead time: 1 working day

EZP1T Precleaner with Twist Tensioner Belt Width Minus 200mm (8")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
300	12	—	—	N/A	N/A	—
450	18	250	10	EZP1T-818	78498	19.0
600	24	400	16	EZP1T-824	78499	21.7
750	30	550	22	EZP1T-830	78500	24.4
900	36	700	28	EZP1T-836	78501	27.1
1050	42	850	34	EZP1T-842	78502	29.8
1200	48	1000	40	EZP1T-848	78503	32.5
1350	54	1150	46	EZP1T-854	78504	35.6
1500	60	1300	52	EZP1T-860	78505	39.5
1800	72	1600	64	EZP1T-872	78506	44.9

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 200mm (8") may be the best selection.
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 50mm (2"), minus 200mm (8"), or minus 350mm (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. Polyurethane blade glides over splices.
- Compatible with reversing belts.
- For applications requiring longer pole lengths, go to the minus 200mm (8") chart and select the cleaner one belt width size larger. This will provide a pole 150mm (6") longer and a blade size of belt width minus 50mm (2").

U.S. Patent No. D482,508S

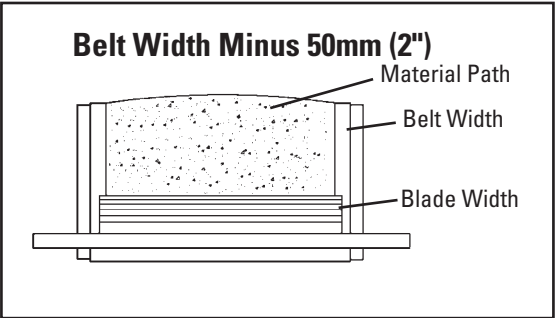
Product Ordering Information

High Temp EZP1 High Temperature Precleaner

ConShear™ High Temp Precleaners Belt Width Minus 50mm (2")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
300	12	250	10	HTF212	76658	22.4
450	18	400	16	HTF218	76659	25.1
600	24	550	22	HTF224	76660	27.8
750	30	700	28	HTF230	76661	30.4
900	36	850	34	HTF236	76662	33.1
1050	42	1000	40	HTF242	76663	35.8
1200	48	1150	46	HTF248	76664	38.5
1350	54	1300	52	HTF254	76665	41.1
1500	60	1450	58	HTF260	76666	43.8
1800	72	1750	70	HTF272	76667	46.5

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



Product Notes:

- The High-Temp ConShear Precleaner works in temperatures up to 135°C (275°F) with spikes to 164°C (325°F).
- 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. Polyurethane blade glides over splices.
- For replacement parts see the EZP1 Parts List on Page 18.
- Compatible with reversing belts.

U.S. Patent No. D482,508S

Product Ordering Information

EZP1 Ultra High-Temp Precleaner

EZP1 Ultra High-Temp Precleaner Belt Width Minus 50mm (2")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
300	12	250	10	EZP1-UHT212	91226	22.4
450	18	400	16	EZP1-UHT218	91227	25.1
600	24	550	22	EZP1-UHT224	91228	27.8
750	30	700	28	EZP1-UHT230	91229	30.4
900	36	850	34	EZP1-UHT236	91230	33.1
1050	42	1000	40	EZP1-UHT242	91231	35.8
1200	48	1150	46	EZP1-UHT248	91232	38.5
1350	54	1300	52	EZP1-UHT254	91233	41.1
1500	60	1450	58	EZP1-UHT260	91234	43.8
1800	72	1750	70	EZP1-UHT272	91235	46.5

Lead time: 1 working day



EZP1 Ultra High-Temp Precleaner Belt Width Minus 200mm (8")

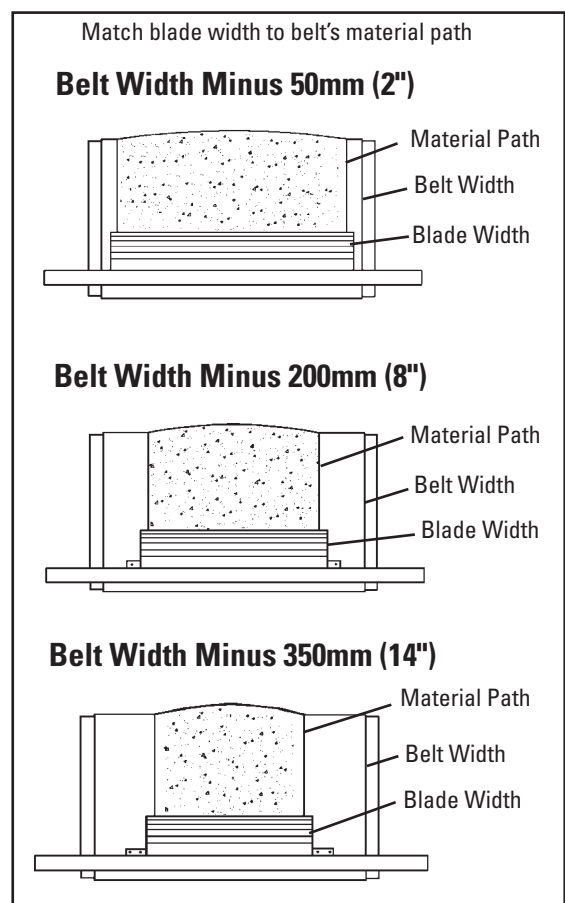
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
450	18	250	10	EZP1-UHT818	91236	23.3
600	24	400	16	EZP1-UHT824	91237	25.9
750	30	550	22	EZP1-UHT830	91238	28.6
900	36	700	28	EZP1-UHT836	91239	31.3
1050	42	850	34	EZP1-UHT842	91240	34.0
1200	48	1000	40	EZP1-UHT848	91241	36.7
1350	54	1150	46	EZP1-UHT854	91242	39.3
1500	60	1300	52	EZP1-UHT860	91243	42.0
1800	72	1600	64	EZP1-UHT872	91244	44.7

Lead time: 1 working day

EZP1 Ultra High-Temp Precleaner Belt Width Minus 350mm (14")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
mm	in.	mm	in.			
600	24	250	10	EZP1-UHT1424	91245	24.1
750	30	400	16	EZP1-UHT1430	91246	26.8
900	36	550	22	EZP1-UHT1436	91247	29.5
1050	42	700	28	EZP1-UHT1442	91248	32.2
1200	48	850	34	EZP1-UHT1448	91249	34.8
1350	54	1000	40	EZP1-UHT1454	91250	37.5
1500	60	1150	46	EZP1-UHT1460	91251	40.2
1800	72	1450	58	EZP1-UHT1472	91252	42.9

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 200mm (8") may be the best selection.
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 50mm (2"), minus 200mm (8"), or minus 350mm (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. Polyurethane blade glides over splices.
- Compatible with reversing belts.

Product Ordering Information

EZP1 Precleaner with White ConShear™ Blade

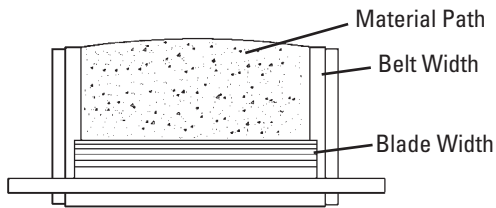
EZP1 Precleaner - Mild Steel with White ConShear™ blade Belt Width Minus 50mm (2")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
300	12	250	10	EZP1-212W	78934	22.4
450	18	400	16	EZP1-218W	78935	25.1
600	24	550	22	EZP1-224W	78936	27.8
750	30	700	28	EZP1-230W	78937	30.4
900	36	850	34	EZP1-236W	78938	33.1
1050	42	1000	40	EZP1-242W	78939	35.8
1200	48	1150	46	EZP1-248W	78940	38.5
1350	54	1300	52	EZP1-254W	78941	41.1
1500	60	1450	58	EZP1-260W	78942	43.8
1800	72	1750	70	EZP1-272W	78943	46.5

Lead time: 1 working day



Belt Width Minus 50mm (2")



Product Notes:

- All ingredients used in polyurethane formulation comply with the relevant requirements of 21 CFR (FDA Code of Federal Regulations) for use in repeated bulk dry food applications.
- 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. Polyurethane blade glides over splices.
- For replacement parts see the EZP1 Parts List on Page 18.
- Compatible with reversing belts.

U.S. Patent No. D482,508S

ConShear™ Replacement Blades

EZP1 Standard Duty Precleaner

Replacement ConShear™ Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
250	10	CRB10	75628	2.1
400	16	CRB16	75629	3.3
550	22	CRB22	75630	4.6
700	28	CRB28	75631	5.8
850	34	CRB34	75632	7.0
1000	40	CRB40	75633	8.3
1150	46	CRB46	75634	9.5
1300	52	CRB52	75635	10.8
1450	58	CRB58	75636	12.0
1600	64	CRB64	75775	13.2
1750	70	CRB70	75773	14.5
1900	76	CRB76	76940	15.7
2050	82	CRB82	76941	17.0

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. KG.
mm	in.			
250	10	CRB-W10	78471	2.2
400	16	CRB-W16	78472	3.4
550	22	CRB-W22	78473	4.7
700	28	CRB-W28	78474	6.0
850	34	CRB-W34	78475	7.3
1000	40	CRB-W40	78476	8.7
1150	46	CRB-W46	78477	9.9
1300	52	CRB-W52	78478	11.2
1450	58	CRB-W58	78479	12.5

Lead time: 1 working day

‡ All ingredients used in the polyurethane 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 200mm (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 polyurethane.
- 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.

Replacement

High Temp ConShear™ Blades

(Color Identification: Yellow)

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
250	10	CRB-HT10	76593	2.2
400	16	CRB-HT16	76594	3.4
550	22	CRB-HT22	76595	4.7
700	28	CRB-HT28	76596	6.0
850	34	CRB-HT34	76597	7.3
1000	40	CRB-HT40	76598	8.7
1150	46	CRB-HT46	76599	9.9
1300	52	CRB-HT52	76600	11.2
1450	58	CRB-HT58	76601	12.5
1600	64	CRB-HT64	76602	13.8
1750	70	CRB-HT70	76603	15.2

Lead time: 1 working day

Replacement

Ultra High-Temp ConShear™ Blades

(Color Identification: Red)

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
in.	mm			
10	250	CRB-UHT10	91253	2.1
16	400	CRB-UHT16	91254	3.3
22	550	CRB-UHT22	91255	4.6
28	700	CRB-UHT28	91256	5.8
34	850	CRB-UHT34	91257	7.0
40	1000	CRB-UHT40	91258	8.3
46	1150	CRB-UHT46	91259	9.5
52	1300	CRB-UHT52	91260	10.8
58	1450	CRB-UHT58	91261	12.0
64	1600	CRB-UHT64	91262	13.2
70	1750	CRB-UHT70	91263	14.5

Lead time: 1 working day

Blade Width Selection

BELT WIDTH		BELT WIDTH - 50mm (2")		BELT WIDTH - 200mm (8")		BELT WIDTH - 350mm (14")	
mm	in.	mm	in.	mm	in.	mm	in.
300	12	250	10	N/A	N/A	N/A	N/A
450	18	400	16	250	10	N/A	N/A
600	24	550	22	400	16	250	10
750	30	700	28	550	22	400	16
900	36	850	34	700	28	550	22
1050	42	1000	40	850	34	700	28
1200	48	1150	46	1000	40	850	34
1350	54	1300	52	1150	46	1000	40
1500	60	1450	58	1300	52	1150	46
1800	72	1600	70	1600	64	1450	58

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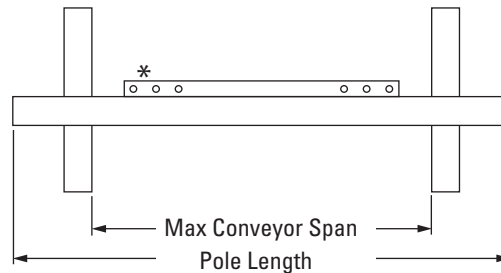
Specifications & Guidelines

EZP1 & EZP1T Standard Duty Precleaners

Pole Length Specifications

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

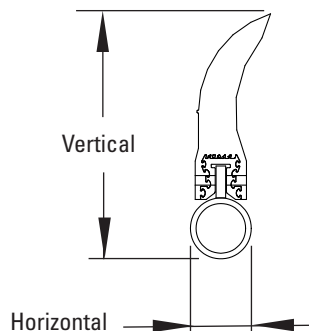
Pole Diameter - 60mm (2-3/8")



*Each pole size can be used with a blade size either belt width minus 50mm (2"), belt width minus 200mm (8"), or belt width minus 350mm (14").

Clearance Guidelines for Installation

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

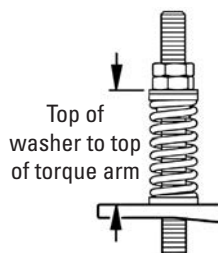


Spring Length Chart

with EST Spring Tensioner

BLADE WIDTH		PURPLE SPRING		SILVER SPRING		BLACK SPRING	
mm	in.	mm	in.	mm	in.	mm	in.
250	10	146	5 3/4	159	6 1/4	N/A	N/A
400	16	133	5 1/4	152	6	N/A	N/A
550	22	121	4 3/4	149	5 7/8	N/A	N/A
700	28	108	4 1/4	143	5 5/8	N/A	N/A
850	34	N/A	N/A	137	5 3/8	143	5 5/8
1000	40	N/A	N/A	130	5 1/8	140	5 1/2
1150	46	N/A	N/A	127	5	133	5 1/4
1300	52	N/A	N/A	121	4 3/4	130	5 1/8
1450	58	N/A	N/A	N/A	N/A	127	5
1600	64	N/A	N/A	N/A	N/A	121	4 3/4
1750	70	N/A	N/A	N/A	N/A	117	4 5/8

Shading indicates preferred spring option



Twist Tensioner Chart

BLADE WIDTH		STANDARD	HEAVY DUTY
mm	in.		
250	10"	8	6
400	16"	13	9
550	22"	18	12
700	28"	23	16
850	34"	27	19
1000	40"	32	23
1150	46"	37	26
1300	52"	N/A	29
1450	58"	N/A	33
1600	64"	N/A	36
1750	70"	N/A	40

U.S. Patent No. D482,508S

Specifications & Guidelines

EZP1 & EZP1T Standard Duty Precleaners

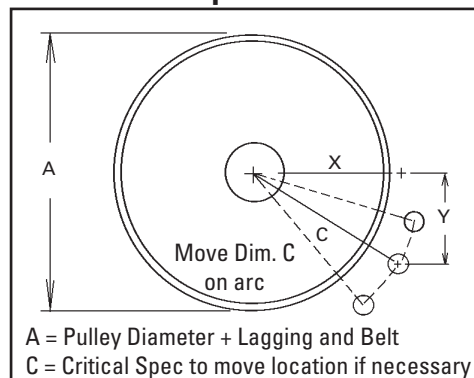
**Pole Location Chart
METRIC**

A	X	Y	C
250	74	230	242
275	92	230	248
300	108	230	254
325	131	230	265
350	146	230	273
375	166	230	284
400	179	230	291
425	195	230	301
450	207	230	309
475	223	230	320
500	235	230	329
525	249	230	339
550	266	230	352
575	283	230	365
600	299	230	377
625	314	230	390
650	330	230	402
675	346	230	415
700	360	230	427
725	374	230	439
750	389	230	452
775	403	230	464
800	417	230	477
825	432	230	489
850	446	230	501
875	460	230	514
900	474	230	526

**Pole Location Chart
IMPERIAL**

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 3/8	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

Pole Location Specs



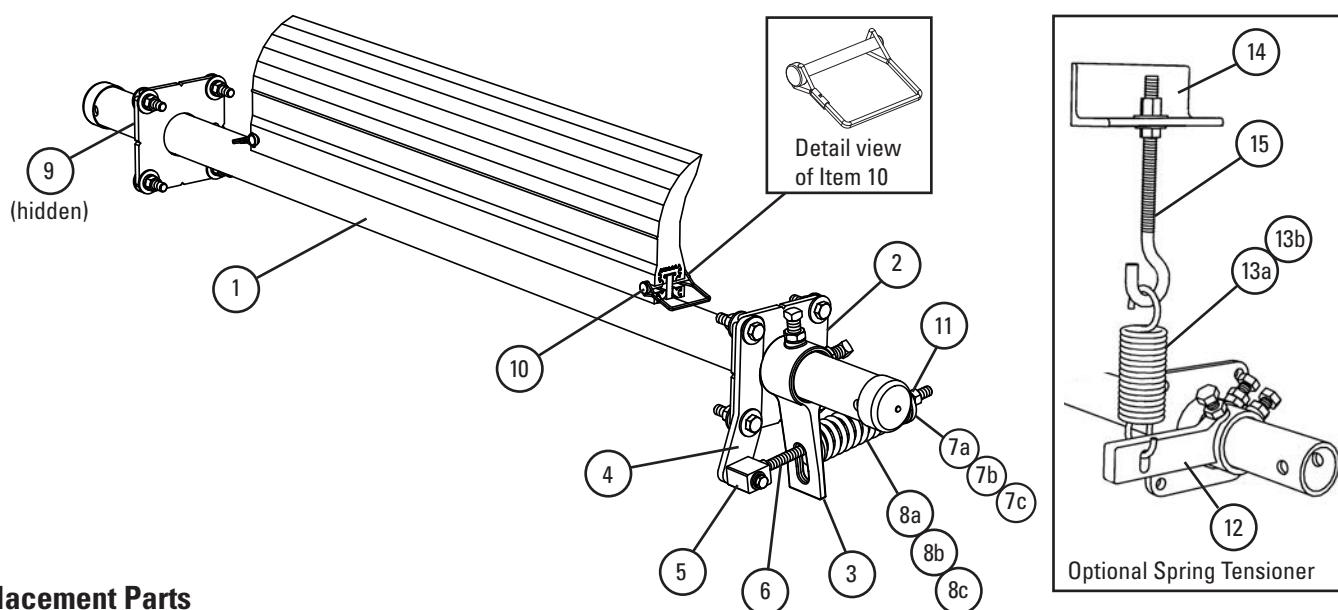
Specifications:

- Maximum Belt Speed 3.5m/s (700 FPM)
- Temperature Rating (ConShear, ConShear White).... -35°C to 82°C (-30°F to 180°F)
- Temperature Rating (ConShear High Temp)..... Up to 135°C (275°F) with spikes to 164°C (325°F)
- Minimum Pulley Diameter 250mm (10")
- Blade Height..... 185mm (7-1/4")
- Usable Blade Wear Length 100mm (4")
- Blade Material..... Polyurethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths..... 300 to 1800mm (12" to 72")
- CEMA Cleaner Classification Class 2

U.S. Patent No. D482,508S

Replacement Parts List

EZP1 Standard Duty Precleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	300mm (12") Pole	EZP1P12	75619	7.9
	450mm (18") Pole	EZP1P18	75620	9.2
	600mm (24") Pole	EZP1P24	75621	10.3
	750mm (30") Pole	EZP1P30	75622	12.0
	900mm (36") Pole	EZP1P36	75623	13.8
	1050mm (42") Pole	EZP1P42	75624	14.8
	1200mm (48") Pole	EZP1P48	75625	16.0
	1350mm (54") Pole	EZP1P54	75626	17.8
	1500mm (60") Pole	EZP1P60	75627	19.6
	1800mm (72") Pole	EZP1P72	75772	21.9
2	Mounting Plate Kit* (2 ea.)	EZP1MPK	75637	3.5
3	Torque Arm Kit* (1 ea.)	ESTAK-EST	76406	1.6
4	Pivot Shaft Bracket Kit* (1 ea.)	ESPSBK	76407	0.8
5	Pivot Block Kit*	ESPBK	76408	0.3
6	Pivot Rod Kit*	ESPRK	76409	0.5
7a	Bushing Kit - Purple and Silver (includes 2 bushings)	ESBK-PS	76410	0.04
7b	Bushing Kit - Black (includes 2 bushings)	ESBK-B	76411	0.04
7c	EST Bushing Kit (for Ultra High-Temp EZP1) (includes 2 bushings)	ESBK-ATEX	90264	0.1
8	Tension Spring - Purple	QMTS-P	75845	0.5
8a	Tension Spring - Silver	ESS-S	76412	0.5
8b	Tension Spring - Black	ESS-B	76413	0.6
9	Pole Lock* (1 ea.)	EZP1PL	75641	0.5
—	EST Tensioner - Purple* for blade widths 300 - 700mm (12" - 28") (includes 1 each items 3, 4, 5, 6, 7 & 8)	EST-P	76403	3.5
—	EST Tensioner - Silver* for blade widths 850 - 1300mm (34" - 52") (includes 1 each items 3, 4, 5, 6, 7 & 8a)	EST-S	76404	3.6
—	EST Tensioner - Black* for blade widths 1450 - 1750mm (58" - 70") (includes 1 each items 3, 4, 5, 6, 7a & 8b)	EST-B	76405	3.7
—	EST Ultra High Temp Tensioner - Purple* for blade widths 50-700mm (10"-28") (includes 1 each items 3, 4, 5, 6, 7c & 8a)	EST-A-P	90814	7.7
—	EST Ultra High Temp Tensioner - Silver* for blade widths 850-1300mm (34"-52") (includes 1 each items 3, 4, 5, 6, 7c & 8b)	EST-A-S	90815	7.9
—	EST Ultra High Temp Tensioner - Black* for blade widths 1450-1750mm (58"-70") (includes 1 each items 3, 4, 5, 6, 7c & 8c)	EST-A-B	90816	8.1
10	Blade Pin (1 ea.)	EZP1BP	75642	0.04

*Hardware Included
Lead time: 1 working day

Optional Spring Tensioner & Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
11	Jam Nut Kit, EST Tensioner	JNK-A	79891	0.1
12	Tension Arm Kit* (1 ea.)	HAR-K	78786	2.7
13	Tension Spring (1 ea.) for sizes 300 - 750mm (12" - 30")	STTS	74419	0.6
13a	HD Tension Spring (1 ea.) for sizes 900 - 1800mm (36" - 72")	HDTs	74502	0.9
14	Spring Tension J-Bolt Mount (1 ea.)	STJM	74775	1.4
15	J-Bolt Kit* (1 ea.)	STJK	74417	0.3
—	Optional Spring Tensioner Kit* for sizes 300 - 750mm (12" - 30")	EZP10TK1	76418	5.1
—	Optional Spring Tensioner Kit* for sizes 900 - 1800mm (36" - 72")	EZP10TK2	76419	5.4

* Hardware Included
Lead time: 1 working day

Spring Tensioner Selection Chart

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

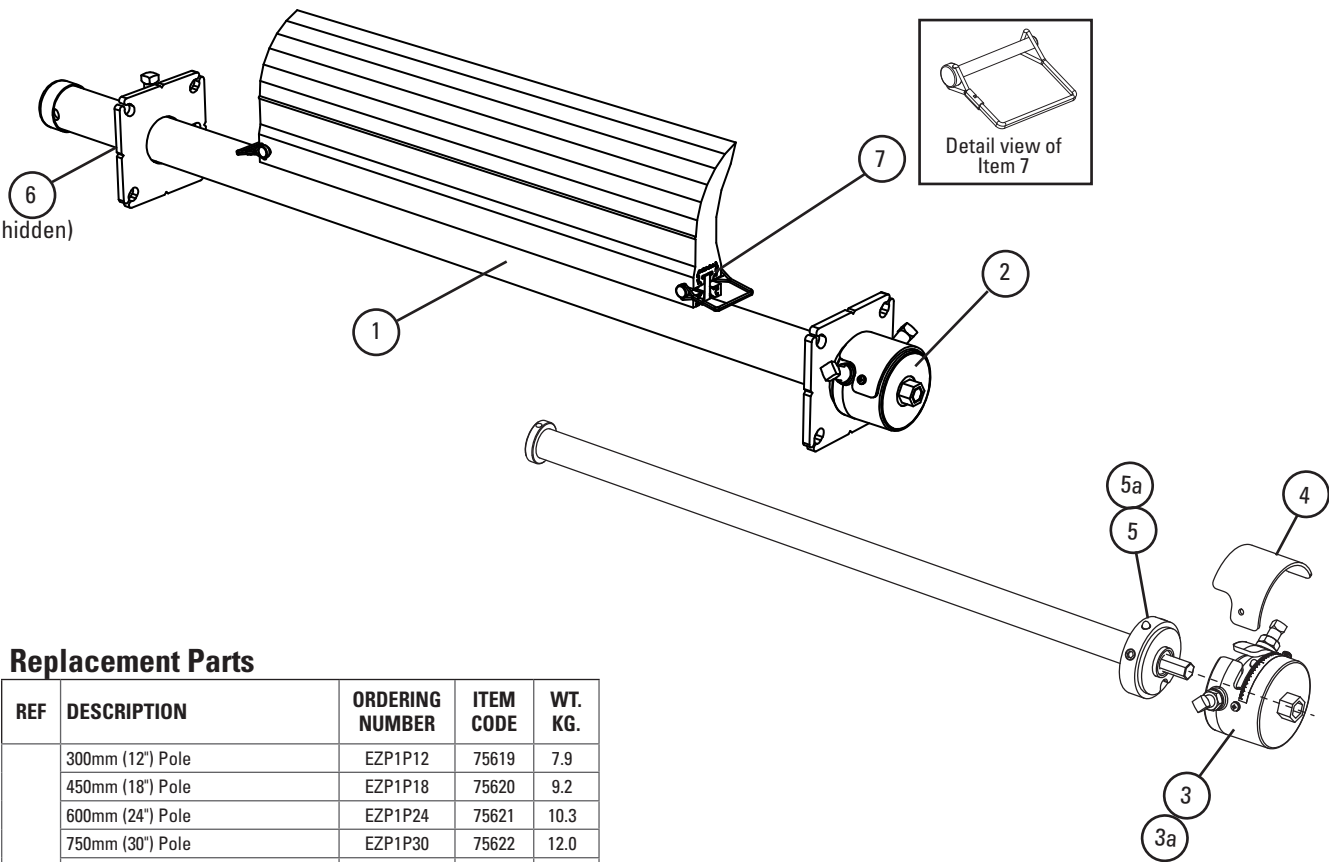
Spring Tensioner Selection Chart - EZP1 UHT Only

CLEANER BLADE WIDTH	90814 EST-A-P	90815 EST-A-S	90816 EST-A-B
UHT ConShear 250-700mm (10"-28")	X		
UHT ConShear 850-1300mm (34"-52")		X	
UHT ConShear 1450-1750mm (58"-70")			X

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Replacement Parts List

EZP1T Twist Tensioner Precleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	300mm (12") Pole	EZP1P12	75619	7.9
	450mm (18") Pole	EZP1P18	75620	9.2
	600mm (24") Pole	EZP1P24	75621	10.3
	750mm (30") Pole	EZP1P30	75622	12.0
	900mm (36") Pole	EZP1P36	75623	13.8
	1050mm (42") Pole	EZP1P42	75624	14.8
	1200mm (48") Pole	EZP1P48	75625	16.0
	1350mm (54") Pole	EZP1P54	75626	17.8
	1500mm (60") Pole	EZP1P60	75627	19.6
	1800mm (72") Pole	EZP1P72	75772	21.9
2	Torsion Mounting Plate Kit* (2 ea.)	EZPTMPK	78507	3.9
3	Torsion Cap Kit* (1 ea.) (includes 1 ea. Item 4)	EZPTCK	78508	1.5
3a	Torsion Cap Kit HD* (1 ea.) (includes 1 ea. Item 4)	EZPTCKHD	78509	1.5
4	Torsion Shield	EZPTSR	78510	0.04
5	Torsion Spring Kit	EZPTSK	78511	2.7
5a	Torsion Spring Kit HD	EZPTSKHD	78512	3.9
6	Pole Lock* (1 ea.)	EZP1PL	75641	0.5
—	Torsion Bar Tensioner for blade widths 300 - 1200mm (12" - 48") (includes 1 each items 3, 4, & 5)	EZPTBT	77384	7.9
—	Torsion Bar Tensioner HD for blade widths 1350 - 1800mm (54" - 72") (includes 1 each items 3a, 4, & 5a)	EZPTBTHD	77385	9.1
7	Blade Pin (1 ea.)	EZP1BP	75642	0.04

*Hardware Included
Lead time: 1 working day

Torsion Bar Tensioner Selection Chart

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

U.S. Patent No. D482,508S

Product Ordering Information

EZP1 Stainless Steel Precleaner with White ConShear™ Blade

EZP1 Stainless Steel Precleaner with White ConShear Blade Belt Width Minus 50mm (2")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
300	12	250	10	CFG-212	78838	22.4
450	18	400	16	CFG-218	78839	25.1
600	24	550	22	CFG-224	78840	27.8
750	30	700	28	CFG-230	78841	30.4
900	36	850	34	CFG-236	78842	33.1
1050	42	1000	40	CFG-242	78843	35.8
1200	48	1150	46	CFG-248	78844	38.5
1350	54	1300	52	CFG-254	78845	41.1
1500	60	1450	58	CFG-260	78846	43.8

Lead time: 1 working day

EZP1 Stainless Steel Precleaner with White ConShear Blade Belt Width Minus 200mm (8")

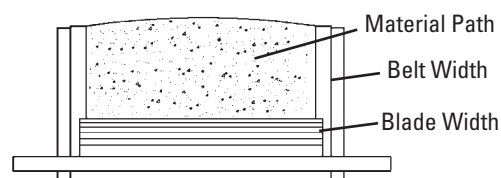
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
300	12	—	—	N/A	N/A	—
450	18	250	10	CFG-818	78924	23.3
600	24	400	16	CFG-824	78925	25.9
750	30	550	22	CFG-830	78926	28.6
900	36	700	28	CFG-836	78927	31.3
1050	42	850	34	CFG-842	78928	34.0
1200	48	1000	40	CFG-848	78929	36.7
1350	54	1150	46	CFG-854	78930	39.3
1500	60	1300	52	CFG-860	78931	42.0

Lead time: 1 working day

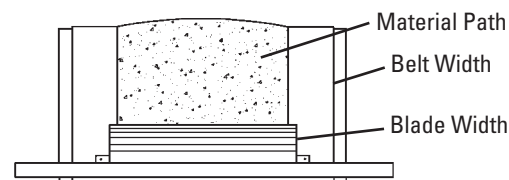


Match blade width to belt's material path

Belt Width Minus 50mm (2")



Belt Width Minus 200mm (8")



Product Notes:

- White food-grade ConShear Precleaner is chemical resistant and all ingredients used in polyurethane formulation comply with the relevant requirements of 21 CFR (FDA Code of Federal Regulations) for use in repeated bulk dry food applications.
- 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 200mm (8") may be the best selection.
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 50mm (2"), minus 200mm (8"), or minus 350mm (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. Polyurethane blade glides over splices.
- Compatible with reversing belts.
- For applications requiring longer pole lengths, go to the minus 200mm (8") chart and select the cleaner one belt width size larger. This will provide a pole 150mm (6") longer and a blade size of belt width minus 50mm (2").

U.S. Patent No. D482,508S

ConShear™

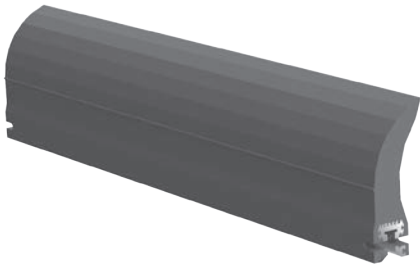
Replacement Blades

EZP1

Standard Duty Precleaner

Blade Width Selection

BELT WIDTH		BELT WIDTH - 50mm (2")		BELT WIDTH - 200mm (8")		BELT WIDTH - 350mm (14")	
mm	in.	mm	in.	mm	in.	mm	in.
300	12	250	10	N/A	N/A	N/A	N/A
450	18	400	16	250	10	N/A	N/A
600	24	550	22	400	16	250	10
750	30	700	28	550	22	400	16
900	36	850	34	700	28	550	22
1050	42	1000	40	850	34	700	28
1200	48	1150	46	1000	40	850	34
1350	54	1300	52	1150	46	1000	40
1500	60	1450	58	1300	52	1150	46
1800	72	1600	70	1600	64	1450	58



Replacement ConShear™ Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
250	10	CRB10	75628	2.1
400	16	CRB16	75629	3.3
550	22	CRB22	75630	4.6
700	28	CRB28	75631	5.8
850	34	CRB34	75632	7.0
1000	40	CRB40	75633	8.3
1150	46	CRB46	75634	9.5
1300	52	CRB52	75635	10.8
1450	58	CRB58	75636	12.0
1600	64	CRB64	75775	13.2
1750	70	CRB70	75773	14.5
1900	76	CRB76	76940	15.7
2050	82	CRB82	76941	17.0

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. KG.
mm	in.			
250	10	CRB-HT10	76593	2.2
400	16	CRB-HT16	76594	3.4
550	22	CRB-HT22	76595	4.7
700	28	CRB-HT28	76596	6.0
850	34	CRB-HT34	76597	7.3
1000	40	CRB-HT40	76598	8.7
1150	46	CRB-HT46	76599	9.9
1300	52	CRB-HT52	76600	11.2
1450	58	CRB-HT58	76601	12.5
1600	64	CRB-HT64	76602	13.8
1750	70	CRB-HT70	76603	15.2

Lead time: 1 working day

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 200mm (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 polyurethane.
- 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

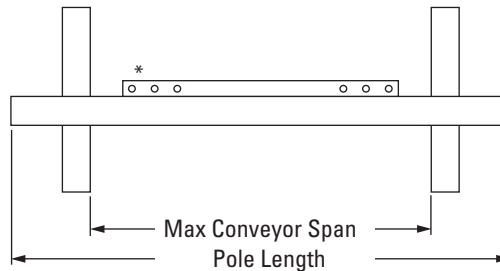
Specifications & Guidelines

EZP1 Stainless Steel Precleaner with White ConShear™ Blade

Pole Length Specifications

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

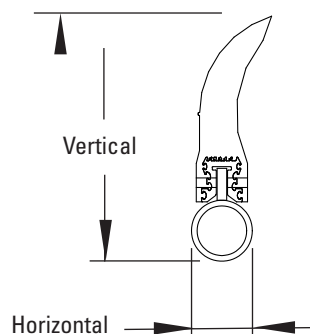
Pole Diameter - 60mm (2-3/8")



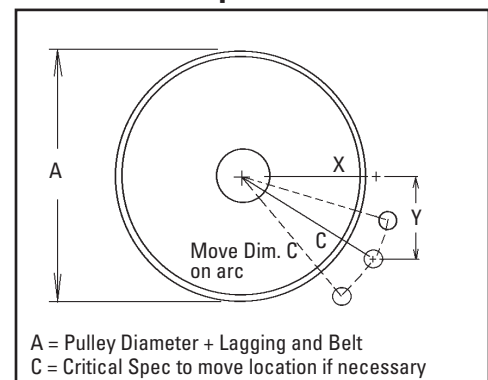
*Each pole size can be used with a blade size either belt width minus 50mm (2"), belt width minus 200mm (8"), or belt width minus 350mm (14").

Clearance Guidelines For Installation

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



Pole Location Specs

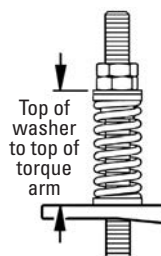


A = Pulley Diameter + Lagging and Belt
C = Critical Spec to move location if necessary

Spring Length Chart

BLADE WIDTH		PURPLE SPRING		WHITE SPRING		GOLD SPRING	
mm	in.	mm	in.	mm	in.	mm	in.
250	10	143	5 5/8	162	6 3/8	N/A	N/A
400	16	127	5	156	6 1/8	N/A	N/A
550	22	111	4 3/8	152	6	N/A	N/A
700	28	98	3 7/8	149	5 7/8	N/A	N/A
850	34	N/A	N/A	143	5 5/8	156	6 1/8
1000	40	N/A	N/A	140	5 1/2	152	6
1150	46	N/A	N/A	133	5 1/4	149	5 7/8
1300	52	N/A	N/A	130	5 1/8	149	5 7/8
1450	58	N/A	N/A	127	5	146	5 3/4
1600	64	N/A	N/A	121	4 3/4	143	5 5/8

Shading indicates preferred spring option



Pole Location Chart METRIC

A	X	Y	C
250	74	230	242
275	92	230	248
300	108	230	254
325	131	230	265
350	146	230	273
375	166	230	284
400	179	230	291
425	195	230	301
450	207	230	309
475	223	230	320
500	235	230	329
525	249	230	339
550	266	230	352
575	283	230	365
600	299	230	377
625	314	230	390
650	330	230	402
675	346	230	415
700	360	230	427
725	374	230	439
750	389	230	452
775	403	230	464
800	417	230	477
825	432	230	489
850	446	230	501
875	460	230	514
900	474	230	526

Pole Location Chart IMPERIAL

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 3/8	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

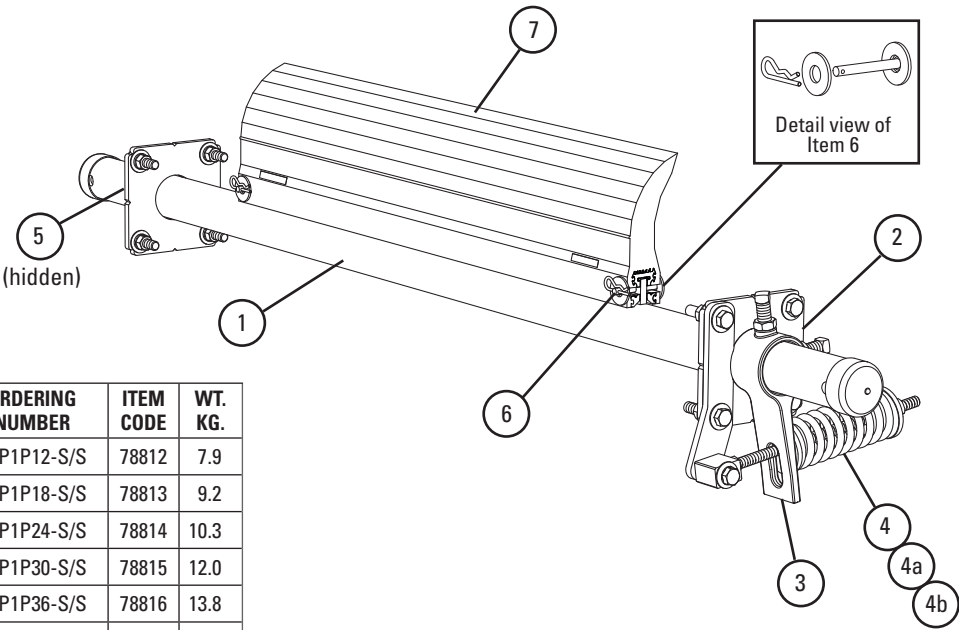
Specifications:

- Maximum Belt Speed 3.5m/s (700 FPM)
- Temperature Rating -35°C to 82°C (-30°F to 180°F)
- Minimum Pulley Diameter 250mm (10")
- Blade Height 185mm (7-1/4")
- Usable Blade Wear Length 100mm (4")
- Blade Material Polyurethane (chemical resistant/food grade)
- Available for Belt Widths 300 to 1500mm (12" to 60")
- CEMA Cleaner Classification Class 2

U.S. Patent No. D482,508S

Replacement Parts List

EZP1 Stainless Steel Precleaner with White ConShear™ Blade



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	300mm (12") SS Pole	EZP1P12-S/S	78812	7.9
	450mm (18") SS Pole	EZP1P18-S/S	78813	9.2
	600mm (24") SS Pole	EZP1P24-S/S	78814	10.3
	750mm (30") SS Pole	EZP1P30-S/S	78815	12.0
	900mm (36") SS Pole	EZP1P36-S/S	78816	13.8
	1050mm (42") SS Pole	EZP1P42-S/S	78817	14.8
	1200mm (48") SS Pole	EZP1P48-S/S	78818	16.0
	1350mm (54") SS Pole	EZP1P54-S/S	78819	17.8
	1500mm (60") SS Pole	EZP1P60-S/S	78820	19.6
	1800mm (72") SS Pole	EZP1P72-S/S	78821	21.9
2	SS Mounting Plate Kit* (2 ea.)	EZP1MPK-S/S	78923	3.5
3	SS Torque Arm Kit* (1 ea.)	ESTAK-EST-S/S	78849	1.6
4	SS Tension Spring - Purple	QMTS-P-S/S	77450	0.5
4a	SS Tension Spring - White	QMTS-W-S/S	77451	0.5
4b	SS Tension Spring - Gold	QMTS-G-S/S	77452	0.6
5	SS Pole Lock* (1 ea.)	EZP1PL-S/S	78848	0.5
—	SS EST Tensioner - Purple* for blade widths 300 - 700mm (12" - 28") (includes 1 each items 2, 3, 4)	EST-P-S/S	78808	3.5
—	SS EST Tensioner - White* for blade widths 850 - 1300mm (34" - 52") (includes 1 each items 2, 3, 4a)	EST-W-S/S	78809	3.6
—	SS EST Tensioner - Gold* for blade widths 1450 - 1750mm (58" - 70") (includes 1 each items 2, 3, 4b)	EST-G-S/S	78810	3.7
6	Blade Pin (1 ea.)	MSPBPK-S/S	77583	0.04

*Hardware Included
Lead time: 1 working day

Spring Tensioner Selection Chart

Cleaner Blade Width	78808 EST-P-S/S	78809 EST-W-S/S	78810 EST-G-S/S
ConShear 300 - 700mm (12" - 28")	X		
ConShear 850 - 1300mm (34" - 52")		X	
ConShear 1450 - 1750mm (58" - 70")			X

For best results use Flexco Genuine Replacement Blades and Parts.

U.S. Patent No. D482,508S

Product Ordering Information

EZP-LS Limited Space Precleaner

EZP-LS Precleaner

Belt Width Minus 50mm (2")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
300	12	250	10	EZP-LS212	77127	11.2
450	18	400	16	EZP-LS218	77128	12.8
600	24	550	22	EZP-LS224	77129	14.4
750	30	700	28	EZP-LS230	77130	15.9
900	36	850	34	EZP-LS236	77131	17.5
1050	42	1000	40	EZP-LS242	77132	19.1
1200	48	1150	46	EZP-LS248	77133	20.6
1350	54	1300	52	EZP-LS254	77134	22.2
1500	60	1450	58	EZP-LS260	77135	23.8

Lead time: 1 working day

EZP-LS Precleaner

Belt Width Minus 200mm (8")

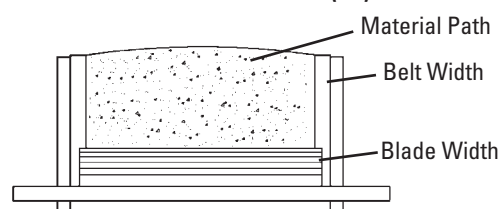
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
450	18	250	10	EZP-LS818	77136	12.2
600	24	400	16	EZP-LS824	77137	13.8
750	30	550	22	EZP-LS830	77138	15.4
900	36	700	28	EZP-LS836	77139	16.9
1050	42	850	34	EZP-LS842	77140	18.5
1200	48	1000	40	EZP-LS848	77141	20.0
1350	54	1150	46	EZP-LS854	77142	21.6
1500	60	1300	52	EZP-LS860	77143	23.2

Lead time: 1 working day

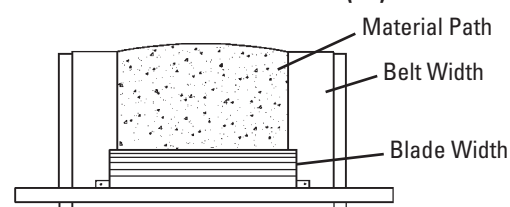


Match blade width to belt's material path

Belt Width Minus 50mm (2")



Belt Width Minus 200mm (8")



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 50mm (2"), minus 200mm (8"), or minus 350mm (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. Polyurethane blade glides over splices.
- Compatible with reversing belts.
- For applications requiring longer pole lengths, go to the minus 200mm (8") chart and select the cleaner one belt width size larger. This will provide a pole 150mm (6") longer and a blade size of belt width minus 50mm (2").

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

Patent Pending (tensioner)

Product Ordering Information

High Temp EZP-LS Limited Space Precleaner

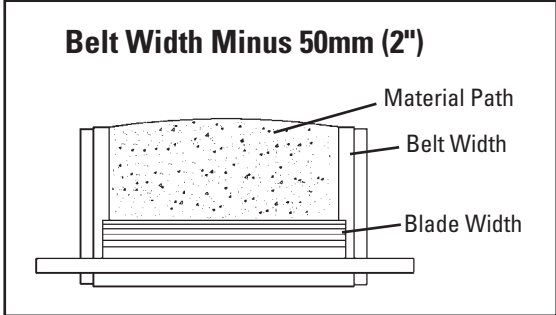
EZP-LS High-Temp Precleaner
Belt Width Minus 50mm (2")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
300	12	250	10	EZP-LS212HT	77746	11.2
450	18	400	16	EZP-LS218HT	77747	12.8
600	24	550	22	EZP-LS224HT	77748	14.4
750	30	700	28	EZP-LS230HT	77749	15.9
900	36	850	34	EZP-LS236HT	77750	17.5
1050	42	1000	40	EZP-LS242HT	77751	19.1
1200	48	1150	46	EZP-LS248HT	77752	20.6
1350	54	1300	52	EZP-LS254HT	77753	22.2
1500	60	1450	58	EZP-LS260HT	77754	23.8

Lead time: 1 working day



Belt Width Minus 50mm (2")



Product Notes:

- The high-temp ConShear LS works in temperatures up to 135°C (275°F) with spikes to 164°C (325°F).
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 50mm (2"), minus 200mm (8"), or minus 350mm (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. Polyurethane 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 - 50mm (2")		BELT WIDTH - 200mm (8")		BELT WIDTH - 350mm (14")	
mm	in.	mm	in.	mm	in.	mm	mm
300	12	250	10	N/A	N/A	N/A	N/A
450	18	400	16	250	10	N/A	N/A
600	24	550	22	400	16	250	250
750	30	700	28	550	22	400	400
900	36	850	34	700	28	550	550
1050	42	1000	40	850	34	700	700
1200	48	1150	46	1000	40	850	850
1350	54	1300	52	1150	46	1000	1000
1500	60	1450	58	1300	52	1150	1150

Replacement ConShear™-LS Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
250	10	CRB-LS10	77088	1.0
400	16	CRB-LS16	77089	1.5
550	22	CRB-LS22	77090	2.1
700	28	CRB-LS28	77091	2.6
850	34	CRB-LS34	77092	3.2
1000	40	CRB-LS40	77093	3.8
1150	46	CRB-LS46	77094	4.4
1300	52	CRB-LS52	77095	4.9
1450	58	CRB-LS58	77096	5.5

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

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 polyurethane.
- 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)



Replacement ConShear™-LS High-Temp Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
250	10	CRB-LS10HT	77551	1.0
400	16	CRB-LS16HT	77552	1.5
550	22	CRB-LS22HT	77553	2.1
700	28	CRB-LS28HT	77554	2.6
850	34	CRB-LS34HT	77555	3.2
1000	40	CRB-LS40HT	77556	3.8
1150	46	CRB-LS46HT	77557	4.4
1300	52	CRB-LS52HT	77558	4.9
1450	58	CRB-LS58HT	77559	5.5

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. KG.
mm	in.			
250	10	CRB-LS10W	77097	1.0
400	16	CRB-LS16W	77098	1.5
550	22	CRB-LS22W	77099	2.1
700	28	CRB-LS28W	77100	2.6
850	34	CRB-LS34W	77101	3.2
1000	40	CRB-LS40W	77102	3.8
1150	46	CRB-LS46W	77103	4.4
1300	52	CRB-LS52W	77104	4.9
1450	58	CRB-LS58W	77105	5.5

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

‡ All ingredients used in the polyurethane 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

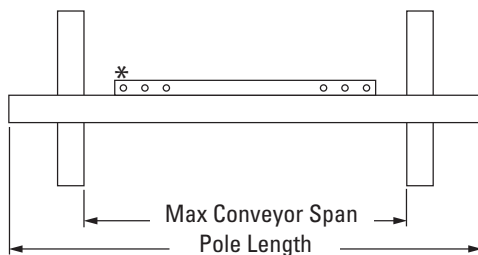
Specifications & Guidelines

EZP-LS Limited Space Precleaner

Pole Length Specifications

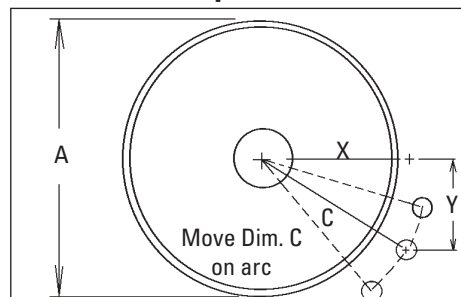
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.
300	12	1050	42	925	37
450	18	1200	48	1075	43
600	24	1350	54	1225	49
750	30	1500	60	1375	55
900	36	1650	66	1525	61
1050	42	1800	72	1675	67
1200	48	1950	78	1825	73
1350	54	2200	88	2075	83
1500	60	2350	94	2225	89

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



*Each pole size can be used with a blade size either belt width minus 50mm (2"), belt width minus 200mm (8"), or belt width minus 350mm (14").

Pole Location Specs

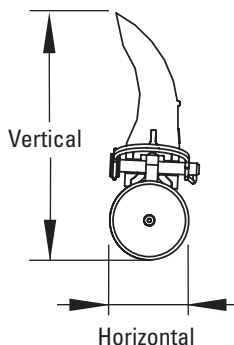


A = Pulley Diameter + Lagging and Belt

C = Critical Spec to move location if necessary

Clearance Guidelines for Installation

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

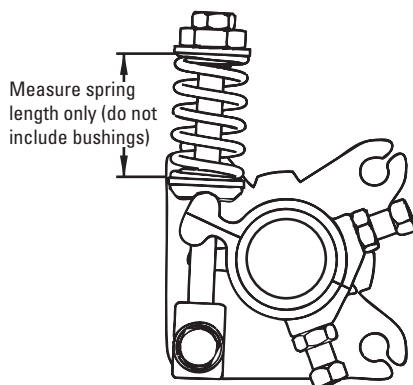


Spring Length Chart

EZP-LS w/Purple or Yellow Blade

BLADE WIDTH		PURPLE SPRING		WHITE SPRING		SILVER SPRING	
mm	in.	mm	in.	mm	in.	mm	in.
250	10	51	2	N/A	N/A	N/A	N/A
400	16	48	1 5/8	54	2 1/8	N/A	N/A
550	22	N/A	N/A	51	2	N/A	N/A
700	28	N/A	N/A	48	1 7/8	N/A	N/A
850	34	N/A	N/A	44	1 3/4	N/A	N/A
1000	40	N/A	N/A	38	1 1/2	N/A	N/A
1150	46	N/A	N/A	35	1 3/8	51	2
1300	52	N/A	N/A	N/A	N/A	51	2
1450	58	N/A	N/A	N/A	N/A	48	1 7/8

Shading indicates preferred spring option



Pole Location Chart - Metric

A	X	Y	C
150	65	140	150
175	81	140	155
200	96	140	162
225	109	140	171
250	125	140	179
275	138	140	189
300	153	140	198
325	166	140	209
350	178	140	219
375	191	140	229
400	206	140	239
425	219	140	252
450	231	140	263
475	244	140	273
500	256	140	284
525	269	140	295
550	281	140	307

Pole Location Chart - Imperial

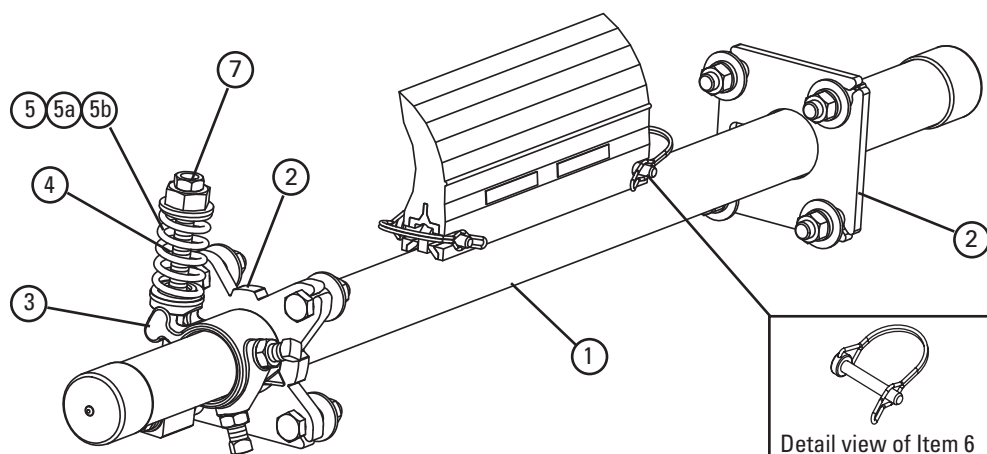
A	X	Y	C
6"	2 5/8"	5 1/2"	6 1/8"
7"	3 1/4"	5 1/2"	6 3/8"
8"	3 7/8"	5 1/2"	6 3/4"
9"	4 3/8"	5 1/2"	7"
10"	5"	5 1/2"	7 3/8"
11"	5 1/2"	5 1/2"	7 3/4"
12"	6 1/8"	5 1/2"	8 1/4"
13"	6 5/8"	5 1/2"	8 5/8"
14"	7 1/8"	5 1/2"	9"
15"	7 5/8"	5 1/2"	9 3/8"
16"	8 1/4"	5 1/2"	9 7/8"
17"	8 3/4"	5 1/2"	10 3/8"
18"	9 1/4"	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 2.5m/s (500 FPM)
- Temperature Rating (ConShear, ConShear White)..... -35°C to 82°C (-30°F to 180°F)
- Temperature Rating (ConShear High Temp) Up to 135°C (275°F) with spikes to 164°C (325°F)
- Minimum Pulley Diameter 150mm (6")
- Blade Height 115mm (4.5")
- Usable Blade Wear Length 60mm (2-3/8")
- Blade Material..... Polyurethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths..... 300 to 1500mm (12" to 60").
- CEMA Cleaner Classification Class 2

Replacement Parts List

EZP-LS
Limited Space Precleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	300mm (12") Pole	LSP12	77070	6.0
	450mm (18") Pole	LSP18	77071	7.0
	600mm (24") Pole	LSP24	77072	8.0
	750mm (30") Pole	LSP30	77073	9.0
	900mm (36") Pole	LSP36	77074	10.0
	1050mm (42") Pole	LSP42	77075	11.0
	1200mm (48") Pole	LSP48	77076	12.0
	1350mm (54") Pole	LSP54	77077	13.0
	1500mm (60") Pole	LSP60	77078	14.1
2	Mounting Plate Kit* (incl. 1 tensioner mounting plate and 1 pole mounting plate)	LSTMPK	77366	1.6
3	Torque Arm Kit* (1 ea.)	LST-TAK	77120	0.6
4	Pivot Block/Rod Kit* (1 ea.)	LSTPB-RK	77367	0.4
5	Tension Spring - Purple (1 ea.) for blades 250 - 400mm (10 - 16")	LS-SPK	77365	0.1
5a	Tension Spring - White (1 ea.) for blades 550 - 1150mm (22" - 46")	LS-SW	77117	0.1
5b	Tension Spring - Silver (1 ea.) for blades 1300 - 1450mm (52" - 58")	LS-SS	77118	0.1
6	LS Blade Pin (1 ea.)	LS-BP	77114	0.04
7	Jam Nut Kit LST Tensioner	JNK-B	79892	.1
-	LST Spring Tensioner* - Purple incl. 1 tensioner mounting plate and 1 ea. items 3, 4 & 5 for blades 250 - 400mm (10 - 16")	LST-P	77121	3.4
-	LST Spring Tensioner* - White incl. 1 tensioner mounting plate and 1 ea. items 3, 4 & 5a for blades 550 - 1150mm (22" - 46")	LST-W	77122	3.4
-	LST Spring Tensioner* - Silver incl. 1 tensioner mounting plate and 1 ea. items 3, 4 & 5b for blades 1300 - 1450mm (52" - 58")	LST-S	77123	3.4

Hardware Included

Spring Tensioner Selection Chart

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

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

For Arch/Gordon Mini-Saber Blades

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	ARCH/GORDON PART NUMBER	WT. KG.
mm	in.	mm	in.				
450	18	400	16	RBAGM-16	77106	MRBMN00018	1.5
600	24	550	22	RBAGM-22	77107	MRBMN00024	2.1
750	30	700	28	RBAGM-28	77108	MRBMN00030	2.6
900	36	850	34	RBAGM-34	77109	MRBMN00036	3.2
1050	42	1000	40	RBAGM-40	77110	MRBMN00042	3.8
1200	48	1150	46	RBAGM-46	77111	MRBMN00048	4.4

Additional sizes are available upon request. Call for pricing.

For best results use Flexco Genuine
Replacement Blades and Parts.

Product Ordering Information

EZP-LS Stainless Steel Limited Space Precleaner with White ConShear™ LS Blade



EZP-LS Stainless Steel Precleaner with White ConShear™ LS Blade
Belt Width Minus 50mm (2")

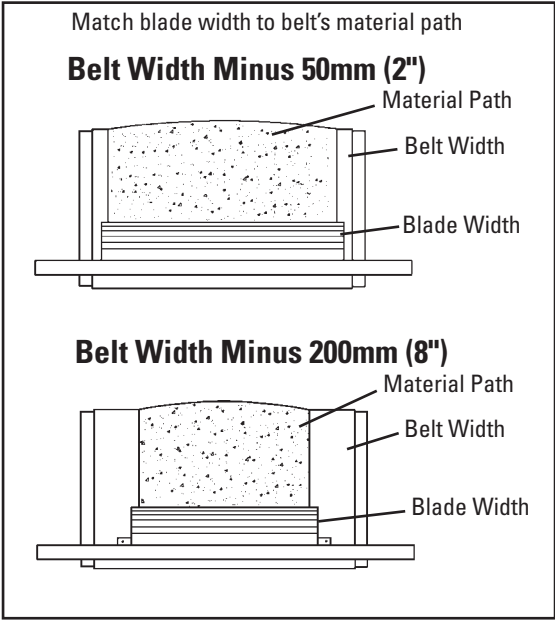
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
300	12	250	10	CLSFG-212	77144	11.2
450	18	400	16	CLSFG-218	77145	12.8
600	24	550	22	CLSFG-224	77146	14.4
750	30	700	28	CLSFG-230	77147	15.9
900	36	850	34	CLSFG-236	77148	17.5
1050	42	1000	40	CLSFG-242	77149	19.1
1200	48	1150	46	CLSFG-248	77150	20.6
1350	54	1300	52	CLSFG-254	77151	22.2
1500	60	1450	58	CLSFG-260	77152	23.8

Lead time: 1 working day

EZP-LS Stainless Steel Precleaner with White ConShear™ LS Blade
Belt Width Minus 200mm (8")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
450	18	250	10	CLSFG-818	77153	12.2
600	24	400	16	CLSFG-824	77154	13.8
750	30	550	22	CLSFG-830	77155	15.4
900	36	700	28	CLSFG-836	77156	16.9
1050	42	850	34	CLSFG-842	77157	18.5
1200	48	1000	40	CLSFG-848	77158	20.0
1350	54	1150	46	CLSFG-854	77159	21.6
1500	60	1300	52	CLSFG-860	77160	23.2

Lead time: 1 working day



Product Notes:

- White food-grade ConShear Precleaner is chemical resistant and all ingredients used in polyurethane formulation comply with the relevant requirements of 21 CFR (FDA Code of Federal Regulations) for use in repeated bulk dry food applications.
- 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 -50mm (2"), -200mm (8"), or -350mm (14")).
- Comes complete with universal mounting plates and tensioner(s).
- 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. Polyurethane blade glides over splices.
- Compatible with reversing belts.
- For applications requiring longer pole lengths, go to the minus 200mm (8") chart and select the cleaner one belt width size larger. This will provide a pole 150mm (6") longer and a blade size of belt width minus 50mm (2").

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 - 50mm (2")		BELT WIDTH - 200mm (8")		BELT WIDTH - 350mm (14")	
mm	in.	mm	in.	mm	in.	mm	in.
300	12	250	10	N/A	N/A	N/A	N/A
450	18	400	16	250	10	N/A	N/A
600	24	550	22	400	16	250	10
750	30	700	28	550	22	400	16
900	36	850	34	700	28	550	22
1050	42	1000	40	850	34	700	28
1200	48	1150	46	1000	40	850	34
1350	54	1300	52	1150	46	1000	40
1500	60	1450	58	1300	52	1150	46



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

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
250	10	CRB-LS10W	77097	1.0
400	16	CRB-LS16W	77098	1.5
550	22	CRB-LS22W	77099	2.1
700	28	CRB-LS28W	77100	2.6
850	34	CRB-LS34W	77101	3.2
1000	40	CRB-LS40W	77102	3.8
1150	46	CRB-LS46W	77103	4.4
1300	52	CRB-LS52W	77104	4.9
1450	58	CRB-LS58W	77105	5.5

Other blade sizes available upon request.

Lead time: 1 working day

‡ All ingredients used in the polyurethane 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

Replacement ConShear™-LS Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
250	10	CRB-LS10	77088	1.0
400	16	CRB-LS16	77089	1.5
550	22	CRB-LS22	77090	2.1
700	28	CRB-LS28	77091	2.6
850	34	CRB-LS34	77092	3.2
1000	40	CRB-LS40	77093	3.8
1150	46	CRB-LS46	77094	4.4
1300	52	CRB-LS52	77095	4.9
1450	58	CRB-LS58	77096	5.5

Other blade sizes available upon request.

Lead time: 1 working day

Replacement ConShear™-LS High-Temp Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
250	10	CRB-LS10HT	77551	1.0
400	16	CRB-LS16HT	77552	1.5
550	22	CRB-LS22HT	77553	2.1
700	28	CRB-LS28HT	77554	2.6
850	34	CRB-LS34HT	77555	3.2
1000	40	CRB-LS40HT	77556	3.8
1150	46	CRB-LS46HT	77557	4.4
1300	52	CRB-LS52HT	77558	4.9
1450	58	CRB-LS58HT	77559	5.5

Other blade sizes available upon request.

Lead time: 1 working day

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 polyurethane.
- 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)

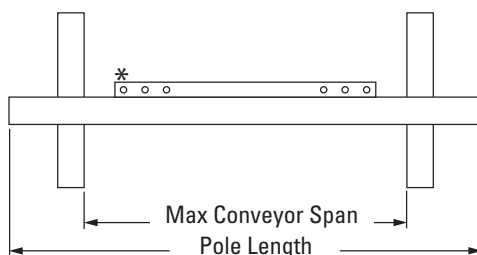
Specifications & Guidelines

EZP-LS Stainless Steel Limited Space Precleaner with White ConShear™ LS Blade

Pole Length Specifications

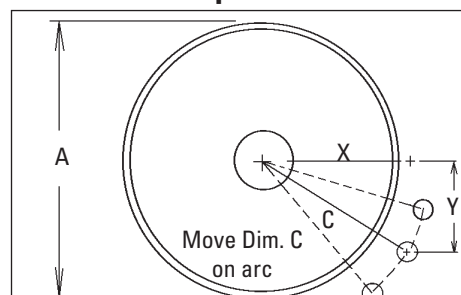
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.
300	12	1050	42	925	37
450	18	1200	48	1075	43
600	24	1350	54	1225	49
750	30	1500	60	1375	55
900	36	1650	66	1525	61
1050	42	1800	72	1675	67
1200	48	1950	78	1825	73
1350	54	2200	88	2075	83
1500	60	2350	94	2225	89

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



*Each pole size can be used with a blade size either belt width minus 50mm (2"), belt width minus 200mm (8"), or belt width minus 350mm (14").

Pole Location Specs

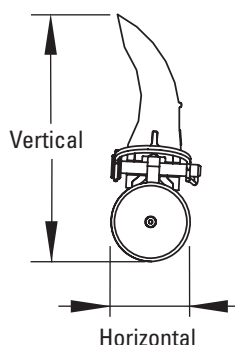


A = Pulley Diameter + Lagging and Belt

C = Critical Spec to move location if necessary

Clearance Guidelines for Installation

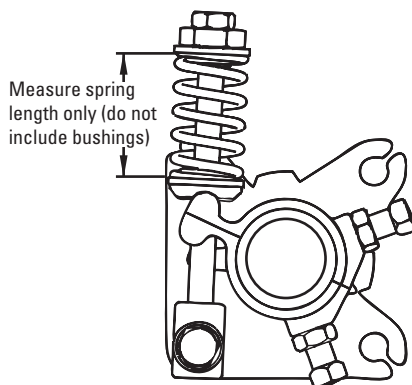
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
mm	in.	mm	in.
75	3	165	6 1/2



Spring Length Chart

BLADE WIDTH		BLACK SPRING		WHITE SPRING		DUAL WHITE SPRINGS	
mm	in.	mm	in.	mm	in.	mm	in.
250	10	89	3 1/2	95	3 3/4	98	3 7/8
400	16	83	3 1/4	92	3 5/8	98	3 7/8
550	22	73	2 7/8	89	3 1/2	95	3 3/4
700	28	67	2 5/8	86	3 3/8	95	3 3/4
850	34	N/A	N/A	83	3 1/4	92	3 5/8
1000	40	N/A	N/A	79	3 1/8	92	3 5/8
1150	46	N/A	N/A	76	3	89	3 1/2
1300	52	N/A	N/A	N/A	N/A	89	3 1/2
1450	58	N/A	N/A	N/A	N/A	86	3 3/8

Shading indicates preferred spring option



Pole Location Chart - Metric

A	X	Y	C
150	65	140	150
175	81	140	155
200	96	140	162
225	109	140	171
250	125	140	179
275	138	140	189
300	153	140	198
325	166	140	209
350	178	140	219
375	191	140	229
400	206	140	239
425	219	140	252
450	231	140	263
475	244	140	273
500	256	140	284
525	269	140	295
550	281	140	307

Pole Location Chart - Imperial

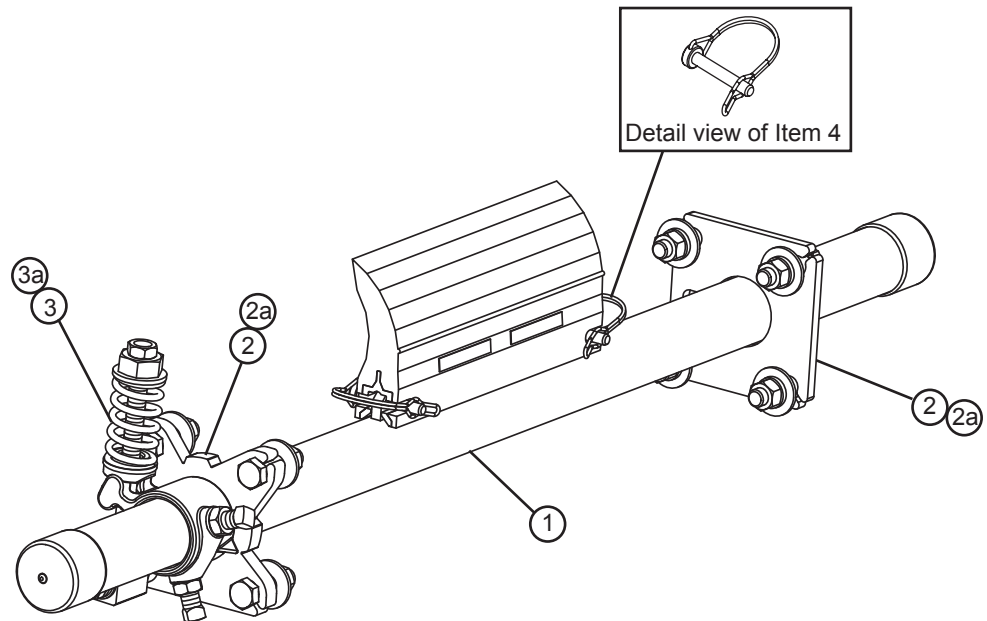
A	X	Y	C
6"	2 5/8"	5 1/2"	6 1/8"
7"	3 1/4"	5 1/2"	6 3/8"
8"	3 7/8"	5 1/2"	6 3/4"
9"	4 3/8"	5 1/2"	7"
10"	5"	5 1/2"	7 3/8"
11"	5 1/2"	5 1/2"	7 3/4"
12"	6 1/8"	5 1/2"	8 1/4"
13"	6 5/8"	5 1/2"	8 5/8"
14"	7 1/8"	5 1/2"	9"
15"	7 5/8"	5 1/2"	9 3/8"
16"	8 1/4"	5 1/2"	9 7/8"
17"	8 3/4"	5 1/2"	10 3/8"
18"	9 1/4"	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 2.5m/s (500 FPM)
- Temperature Rating (ConShear, ConShear White)..... -35°C to 82°C (-30°F to 180°F)
- Temperature Rating (ConShear High Temp) Up to 135°C (275°F) with spikes to 164°C (325°F)
- Minimum Pulley Diameter 150mm (6")
- Blade Height 115mm (4.5")
- Usable Blade Wear Length 60mm (2-3/8")
- Blade Material (ConShear White) Polyurethane (chemical resistant/food grade)
- Available for Belt Widths 300 to 1500mm (12" to 60").
- CEMA Cleaner Classification Class 2

Replacement Parts List

EZP-LS Stainless Steel Limited Space Precleaner with White ConShear™ LS Blade



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	300mm (12") SS Pole	LSP12-S/S	77079	6.0
	450mm (18") SS Pole	LSP18-S/S	77080	7.0
	600mm (24") SS Pole	LSP24-S/S	77081	8.0
	750mm (30") SS Pole	LSP30-S/S	77082	9.0
	900mm (36") SS Pole	LSP36-S/S	77083	10.0
	1050mm (42") SS Pole	LSP42-S/S	77084	11.0
	1200mm (48") SS Pole	LSP48-S/S	77085	12.0
	1350mm (54") SS Pole	LSP54-S/S	77086	13.0
	1500mm (60") SS Pole	LSP60-S/S	77087	14.1
2	SS Mounting Plate Kit (250-1150mm/10"-46")* (incl. 1 tensioner mounting plate and 1 pole mounting plate)	LSTMPK-S/S	78933	1.6
2a	SS Mounting Plate Kit (1300mm+/52"+)* (incl. 2 tensioner mounting plates)	LSTMPK2-S/S	78462	3.3
3	Tension Spring - Black (1 ea.) for blades 250 - 700mm (10" - 28")	CTS-B-S/S	78387	0.1
3a	Tension Spring - White (1 ea.) for blades 850 - 1750mm (34" - 70")	LS-SW-S/S	78850	0.1
4	SS LS Blade Pin (1 ea.)	LS-BP-S/S	77115	0.04
-	SS LST Spring Tensioner* - Black incl. 1 ea. items 2 & 3 for blades 250 - 700mm (10" - 28")	LST-B-S/S	77124	3.4
-	SS LST Spring Tensioner* - White incl. 1 ea. items 2 & 3a for blades 850 - 1150mm (34" - 46")	LST-W-S/S	77125	3.4
-	SS LST Spring Tensioner* - White (dual) incl. 1 ea. item 2a and 2 ea. item 3a for blades 1300 - 1750mm (52" - 70")	LST-W-S/S-2	77126	6.9

*Hardware Included

Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	77124 Black (single)	77125 White (single)	77126 White (dual)
Food Grade-LS 10" - 28" (250 - 700mm)	X		
Food Grade-LS 850 - 1150mm (34" - 46")		X	
Food Grade-LS 1300 - 1750mm (52" - 70")			X

For best results use Flexco Genuine Replacement Blades and Parts.

Product Ordering Information

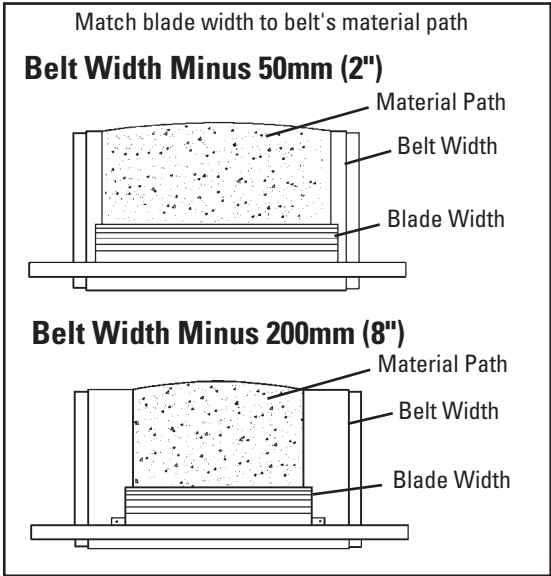
MSP

Standard Mine-Duty Precleaner

MSP Standard-Duty Precleaner
Belt Width Minus 50mm (2")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
600	24	550	22	MSP-600-50	81000	37.8
750	30	700	28	MSP-750-50	81001	40.6
900	36	850	34	MSP-900-50	81002	44.5
1050	42	1000	40	MSP-1050-50	81003	48.1
1200	48	1150	46	MSP-1200-50	81004	51.3
1350	54	1300	52	MSP-1350-50	81005	54.4
1500	60	1450	58	MSP-1500-50	81006	57.0
1800	72	1750	70	MSP-1800-50	81007	63.6
2100	84	2050	82	MSP-2100-50	81008	74.5

Lead time: 1 working day



MSP Standard-Duty Precleaner
Belt Width Minus 200mm (8")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
600	24	400	16	MSP-600-200	81009	36.6
750	30	550	22	MSP-750-200	81010	39.4
900	36	700	28	MSP-900-200	81011	43.3
1050	42	850	34	MSP-1050-200	81012	46.8
1200	48	1000	40	MSP-1200-200	81013	50.1
1350	54	1150	46	MSP-1350-200	81014	53.2
1500	60	1300	52	MSP-1500-200	81015	55.8
1800	72	1600	64	MSP-1800-200	81017	61.1
2100	84	1900	76	MSP-2100-200	81018	72.6

Lead time: 1 working day

Product Notes:

- Recommended for standard-duty conveyor applications. For tougher belt applications see the MMP Medium-Duty Precleaner (page 41). For extreme, abusive applications see the MHP Heavy-Duty Precleaner (page 49) or the MHCP Heavy-Duty Cartridge Precleaner (page 56).
- 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 200mm (8") may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 50mm (2"), minus 200mm (8") or minus 350mm (14")).
- Pole Length: Belt width plus 1350mm (54"). For conveyors requiring longer pole lengths, go to the minus 200mm (8") chart and select the cleaner one belt width size larger. This will provide a pole 150mm (6") longer and a blade size of belt width minus 50mm (2"). For longer requirements see Installation Accessories - Pole Extender Kit (page 133).
- 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 (page 133).

U.S. Patent No. D482,508S

Product Ordering Information

MSP Ultra High-Temp Standard Mine-Duty Precleaner

MSP Ultra High-Temp Precleaner Belt Width Minus 50mm (2")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
600	24	550	22	MSP-UHT224	91264	37.8
750	30	700	28	MSP-UHT230	91265	40.6
900	36	850	34	MSP-UHT236	91266	44.5
1050	42	1000	40	MSP-UHT242	91267	48.1
1200	48	1150	46	MSP-UHT248	91268	51.3
1350	54	1300	52	MSP-UHT254	91269	54.4
1500	60	1450	58	MSP-UHT260	91270	57.0
1800	72	1750	70	MSP-UHT272	91271	63.6

Lead time: 1 working day



MSP Ultra High-Temp Precleaner Belt Width Minus 200mm (8")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
600	24	400	16	MSP-UHT824	91272	36.6
750	30	550	22	MSP-UHT830	91273	39.4
900	36	700	28	MSP-UHT836	91274	43.3
1050	42	850	34	MSP-UHT842	91275	46.8
1200	48	1000	40	MSP-UHT848	91276	50.1
1350	54	1150	46	MSP-UHT854	91277	53.2
1500	60	1300	52	MSP-UHT860	91278	55.8
1800	72	1600	64	MSP-UHT872	91279	61.1

Lead time: 1 working day

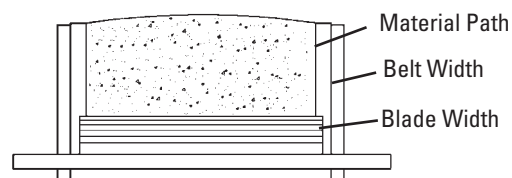
MSP Ultra High-Temp Precleaner Belt Width Minus 350mm (14")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
1050	42	700	28	MSP-UHT1442	91280	45.5
1200	48	850	34	MSP-UHT1448	91281	48.9
1350	54	1000	40	MSP-UHT1454	91282	51.9
1500	60	1150	46	MSP-UHT1460	91283	54.6
1800	72	1450	58	MSP-UHT1472	91284	58.6

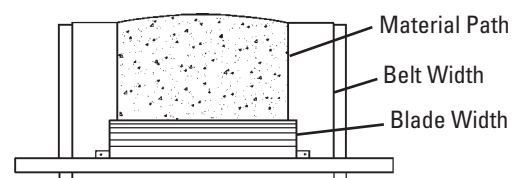
Lead time: 1 working day

Match blade width to belt's material path

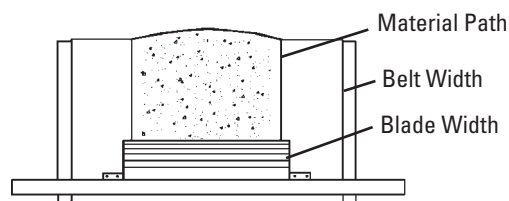
Belt Width Minus 50mm (2")



Belt Width Minus 200mm (8")



Belt Width Minus 350mm (14")



Product Notes:

- 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 200mm (8") may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 50mm (2"), minus 200mm (8") or minus 350mm (14")).
- Pole Length: Belt width plus 1350mm (54"). For conveyors requiring longer pole lengths, go to the minus 200mm (8") chart and select the cleaner one belt width size larger. This will provide a pole 150mm (6") longer and a blade size of belt width minus 50mm (2").
- Visual Tension Check: No guesswork on blade tensioning. Measure the spring and adjust to specified length per blade width to restore optimal tensioning.

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 50mm (2")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
600	24	550	22	MSP-224-S/S	77453	37.8
750	30	700	28	MSP-230-S/S	77454	40.6
900	36	850	34	MSP-236-S/S	77455	44.5
1050	42	1000	40	MSP-242-S/S	77456	48.1
1200	48	1150	46	MSP-248-S/S	77457	51.3
1350	54	1300	52	MSP-254-S/S	77458	54.4
1500	60	1450	58	MSP-260-S/S	77459	57.0
1800	72	1750	70	MSP-272-S/S	77460	63.6
2100	84	2050	82	MSP-284-S/S	77461	74.5

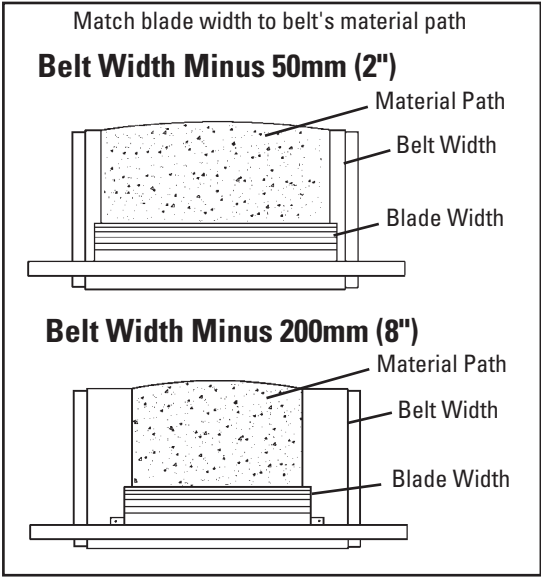
Lead time: 3 weeks



Stainless Steel MSP Standard-Duty Precleaner Belt Width Minus 200mm (8")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
600	24	400	16	MSP-824-S/S	77462	36.6
750	30	550	22	MSP-830-S/S	77463	39.4
900	36	700	28	MSP-836-S/S	77464	43.3
1050	42	850	34	MSP-842-S/S	77465	46.8
1200	48	1000	40	MSP-848-S/S	77466	50.1
1350	54	1150	46	MSP-854-S/S	77467	53.2
1500	60	1300	52	MSP-860-S/S	77468	55.8
1800	72	1600	64	MSP-872-S/S	77470	61.1
2100	84	1900	76	MSP-884-S/S	77471	72.6

Lead time: 3 weeks



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 200mm (8") may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 50mm (2"), minus 200mm (8") or minus 350mm (14")).
- Pole Length: Belt width plus 1350mm (54"). For conveyors requiring longer pole lengths, go to the minus 200mm (8") chart and select the cleaner one belt width size larger. This will provide a pole 150mm (6") longer and a blade size of belt width minus 50mm (2").
For longer requirements see Installation Accessories - Pole Extender Kit (page 133).
- 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 (page 133).

U.S. Patent No. D482,508S

ConShear™ Replacement Blades

MSP
Standard Mine-Duty Precleaner

Replacement ConShear™ Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
400	16	CRB16	75629	3.3
550	22	CRB22	75630	4.6
700	28	CRB28	75631	5.8
850	34	CRB34	75632	7.0
1000	40	CRB40	75633	8.3
1150	46	CRB46	75634	9.5
1300	52	CRB52	75635	10.8
1450	58	CRB58	75636	12.0
1600	64	CRB64	75775	13.2
1750	70	CRB70	75773	14.5
1900	76	CRB76	76940	15.7
2050	82	CRB82	76941	17.0

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. KG.
mm	in.			
250	10	CRB-W10	78471	2.2
400	16	CRB-W16	78472	3.4
550	22	CRB-W22	78473	4.7
700	28	CRB-W28	78474	6.0
850	34	CRB-W34	78475	7.3
1000	40	CRB-W40	78476	8.7
1150	46	CRB-W46	78477	9.9
1300	52	CRB-W52	78478	11.2
1450	58	CRB-W58	78479	12.5

Lead time: 1 working day

‡ All ingredients used in the polyurethane 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

Replacement High Temp ConShear™ Blades

(Color Identification: Yellow)

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
250	10	CRB-HT10	76593	2.2
400	16	CRB-HT16	76594	3.4
550	22	CRB-HT22	76595	4.7
700	28	CRB-HT28	76596	6.0
850	34	CRB-HT34	76597	7.3
1000	40	CRB-HT40	76598	8.7
1150	46	CRB-HT46	76599	9.9
1300	52	CRB-HT52	76600	11.2
1450	58	CRB-HT58	76601	12.5
1600	64	CRB-HT64	76602	13.8
1750	70	CRB-HT70	76603	15.2

Lead time: 1 working day

Replacement Ultra High-Temp ConShear™ Blades

(Color Identification: Red)

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
mm	in.			
250	10	CRB-UHT10	91253	2.1
400	16	CRB-UHT16	91254	3.3
550	22	CRB-UHT22	91255	4.6
700	28	CRB-UHT28	91256	5.8
850	34	CRB-UHT34	91257	7.0
1000	40	CRB-UHT40	91258	8.3
1150	46	CRB-UHT46	91259	9.5
1300	52	CRB-UHT52	91260	10.8
1450	58	CRB-UHT58	91261	12.0
1600	64	CRB-UHT64	91262	13.2
1750	70	CRB-UHT70	91263	14.5

Lead time: 1 working day

Blade Width Selection

BELT WIDTH		BELT WIDTH - 50mm (2")		BELT WIDTH - 200mm (8")		BELT WIDTH - 350mm (14")	
mm	in.	mm	in.	mm	in.	mm	in.
600	24	550	22	400	16	250	10
750	30	700	28	550	22	400	16
900	36	850	34	700	28	550	22
1050	42	1000	40	850	34	700	28
1200	48	1150	46	1000	40	850	34
1350	54	1300	52	1150	46	1000	40
1500	60	1450	58	1300	52	1150	46
1800	72	1750	70	1600	64	1450	58
2100	84	2050	82	1900	76	1750	70

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 polyurethane.
- Quick blade replacement: Pull one pin, remove the old blade and slide the new one in.

U.S. Patent No. D482,508S

Specifications & Guidelines

MSP
Standard Mine-Duty Precleaner

Pole Length Specifications*

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

* For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 750mm (30") of extended pole length. See page 133.
Pole Diameter - 73mm (2-7/8")

Clearance Guidelines for Installation

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

Spring Length Chart

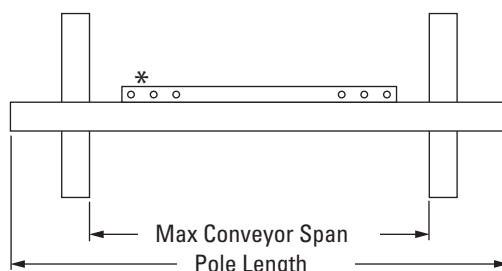
BLADE WIDTH		PURPLE SPRING		WHITE SPRING		GOLD SPRING	
mm	in.	mm	in.	mm	in.	mm	in.
400	16	133	5 1/4	159	6 1/4	N/A	N/A
550	22	121	4 3/4	156	6 1/8	N/A	N/A
700	28	105	4 1/8	149	5 7/8	N/A	N/A
850	34	N/A	N/A	146	5 3/4	156	6 1/8
1000	40	N/A	N/A	143	5 5/8	156	6 1/8
1150	46	N/A	N/A	140	5 1/2	152	6
1300	52	N/A	N/A	137	5 3/8	149	5 7/8
1450	58	N/A	N/A	130	5 1/8	149	5 7/8
1600	64	N/A	N/A	127	5	146	5 3/4
1750	70	N/A	N/A	124	4 7/8	143	5 5/8
1900	76	N/A	N/A	N/A	N/A	143	5 5/8
2050	82	N/A	N/A	N/A	N/A	140	5 1/2
2200	88	N/A	N/A	N/A	N/A	133	5 1/4
2350	94	N/A	N/A	N/A	N/A	130	5 1/8
2500	100	N/A	N/A	N/A	N/A	130	5 1/8
2650	106	N/A	N/A	N/A	N/A	127	5

Shading indicates preferred spring option

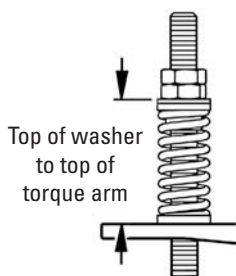
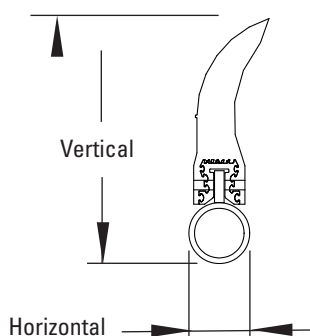
Specifications:

- Maximum Belt Speed3.5m/s (700 FPM)
- Temperature Rating (ConShear, ConShear White).....-35°C to 82°C (-30°F to 180°F)
- Temperature Rating (ConShear High Temp).....Up to 135°C (275°F) with spikes to 164°C (325°F)
- Minimum Pulley Diameter400mm (16")
- Blade Height185mm (7-1/4")
- Usable Blade Wear Length100mm (4")
- Blade Material.....Polyurethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths.....600 to 2100mm (24" to 84")
- CEMA Cleaner ClassificationClass 3

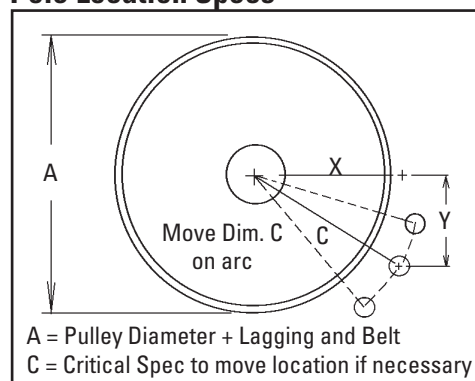
U.S. Patent No. D482,508S



*Each pole size can be used with a blade size either belt width minus 50mm (2"), belt width minus 200mm (8"), or belt width minus 350mm (14").



Pole Location Specs



Pole Location Chart METRIC

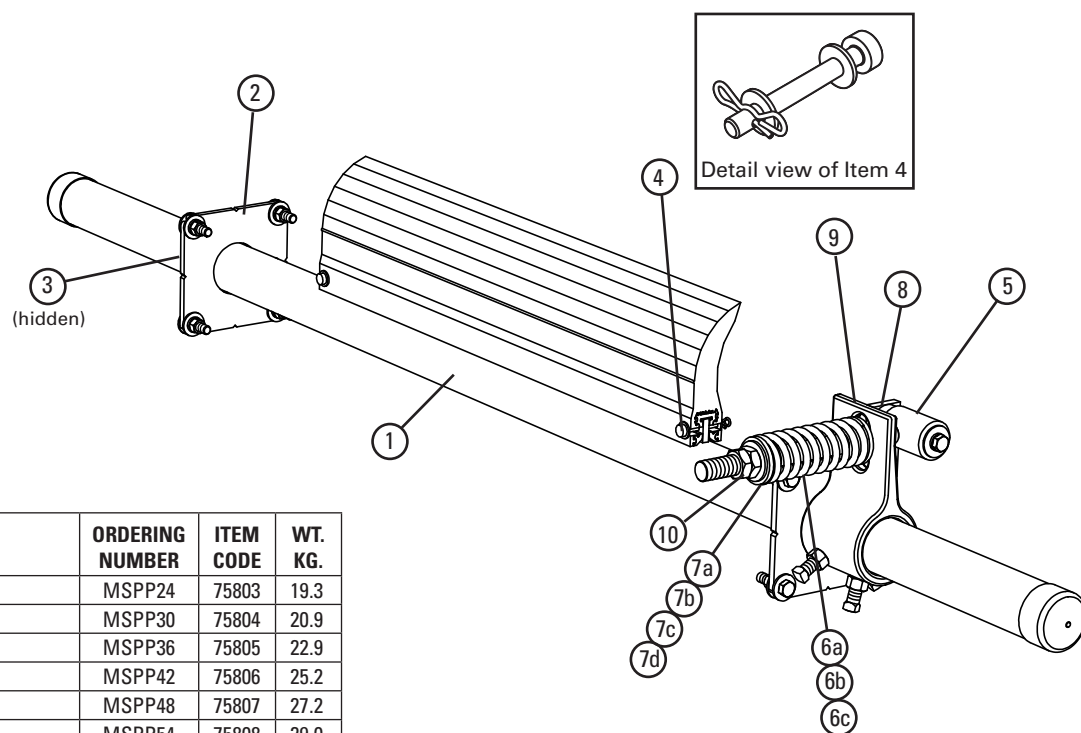
A	X	Y	C
450	204	230	308
475	222	230	320
500	232	230	326
525	248	230	338
550	266	230	352
575	282	230	364
600	298	230	376
625	312	230	388
650	330	230	402
675	344	230	414
700	358	230	426
725	372	230	438
750	390	230	452
775	402	230	464
800	416	230	476
825	430	230	488
850	446	230	502
875	460	230	514
900	474	230	526
925	486	230	538
950	502	230	552
975	514	230	564
1000	528	230	576
1025	542	230	588
1050	556	230	602

Pole Location Chart IMPERIAL

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"

Replacement Parts List

MSP
Standard Mine-Duty Precleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	600mm (24") Pole	MSPP24	75803	19.3
	750mm (30") Pole	MSPP30	75804	20.9
	900mm (36") Pole	MSPP36	75805	22.9
	1050mm (42") Pole	MSPP42	75806	25.2
	1200mm (48") Pole	MSPP48	75807	27.2
	1350mm (54") Pole	MSPP54	75808	29.0
	1500mm (60") Pole	MSPP60	75809	30.4
	1800mm (72") Pole	MSPP72	75810	34.5
	2100mm (84") Pole	MSPP84	76807	40.2
2	Mounting Plate Kit* (2 ea.)	MSPMPK	75811	3.8
3	Pole Lock* (1 ea.)	MSPPL	75816	0.9
4	Blade Pin Kit* (1 ea.)	MSPBPK	75831	0.04
5	Pivot Arm Kit* (1 ea.)	QMTPAK	76096	2.0
6a	Tension Spring - Purple (1 ea.) for blades 400 - 700mm (16" - 28")	QMTS-P	75845	0.3
6b	Tension Spring - White (1 ea.) for blades 850 - 1750mm (34" - 70")	PSTS-W	75898	0.8
6c	Tension Spring - Gold (1 ea.) for blades 1900 - 2050mm (76" - 82")	QMTS-G	76484	1.1
7a	Bushing Kit - Purple (2 ea.)	QMTBK-P	76097	0.04
7b	Bushing Kit - White (2 ea.)	QMTBK-W	76098	0.1
7c	Bushing Kit - Gold (2 ea.)	QMTBK-G	76540	0.1
7d	QMT Bushing Kit - Ultra High-Temp (2 ea.)	QMT-ATEX	90435	0.1
8	Pivot Shaft Bracket Kit* (1 ea.)	QMTPSBK	76099	2.0
9	Torsion Arm Kit* (1 ea.)	PSTA	75896	5.2
10	Jam Nut Kit QMT Tensioner	JNK-C	79893	0.1
-	QMT Spring Tensioner* - Purple (incl. 1 ea. Items 5, 6, 7, 8, & 9) for blades 400 - 700mm (16" - 28")	QMT-P	76074	9.3
-	QMT Spring Tensioner* - White (incl. 1 ea. Items 5, 6a, 7a, 8, & 9) for blades 850 - 1750mm (34" - 70")	QMT-W	76075	9.9
-	QMT Spring Tensioner* - Gold (incl. 1 ea. Items 5, 6b, 7b, 8, & 9) for blades 1900 - 2050mm (76" - 82")	QMT-G	76483	10.5
-	QMT Ultra High-Temp Tensioner* - Purple (incl. 1 ea. Items 5, 6a, 7, 8, & 9) for blade widths 16" - 28" (400 - 700mm)	QMT-A-P	91285	9.3
-	QMT Ultra High-Temp Tensioner* - White (incl. 1 ea. Items 5, 6b, 7, 8, & 9) for blades 34" - 70" (850 - 1750mm)	QMT-A-W	91286	9.9

*Hardware Included

Lead Time: 1 working day

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Spring Tensioner Selection Chart

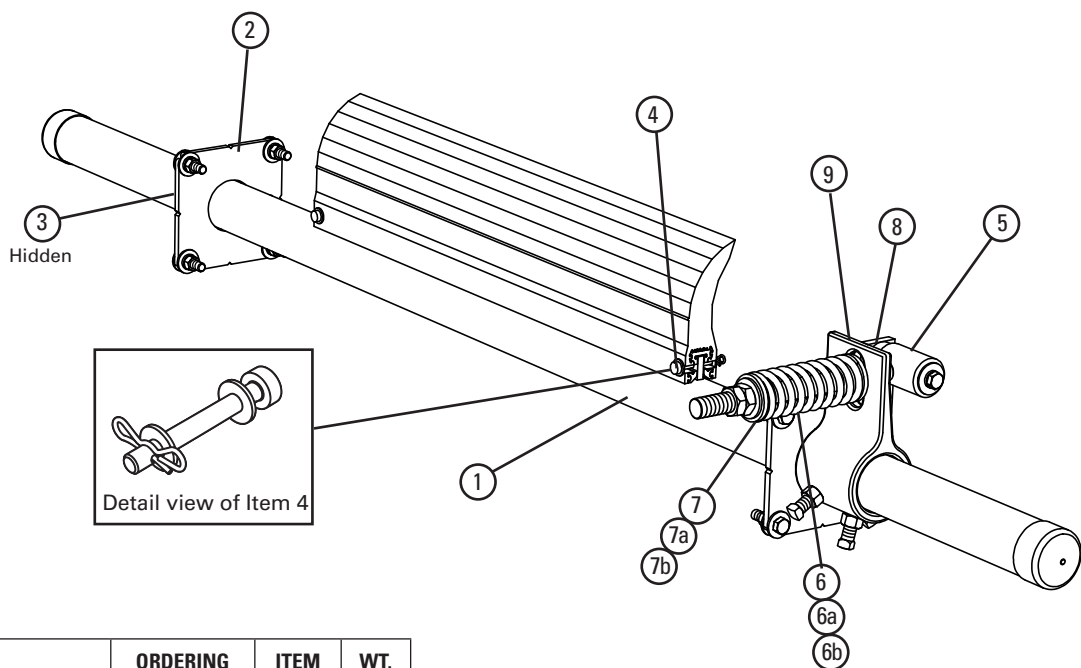
CLEANER BLADE WIDTH	76074 QMT-P	76075 QMT-W	76483 QMT-G
ConShear 400 - 700mm (16" - 28")	X		
ConShear 850 - 1750mm (34" - 70")		X	
ConShear 1900 - 2050mm (76" - 82")			X

Spring Tensioner Selection Chart MSP UHT Only

Cleaner Blade Width	91285 QMT-A-P	91286 QMT-A-W
UHT ConShear 400 - 700mm (16" - 28")	X	
UHT ConShear 850 - 1750mm (34" - 70")		X

Replacement Parts List

Stainless Steel MSP Standard Mine-Duty Precleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	600mm (24") SS Pole	MSP24-S/S	77472	19.3
	750mm (30") SS Pole	MSP30-S/S	77473	20.9
	900mm (36") SS Pole	MSP36-S/S	77474	22.9
	1050mm (42") SS Pole	MSP42-S/S	77475	25.2
	1200mm (48") SS Pole	MSP48-S/S	77476	27.2
	1350mm (54") SS Pole	MSP54-S/S	77477	29.0
	1500mm (60") SS Pole	MSP60-S/S	77478	30.4
	1800mm (72") SS Pole	MSP72-S/S	77479	34.5
	2100mm (84") SS Pole	MSP84-S/S	77480	40.2
2	SS Mounting Plate Kit* (2 ea.)	MSPMPK-S/S	77582	3.8
3	SS Pole Lock* (1 ea.)	MSPPL-S/S	77524	0.9
4	SS Blade Pin Kit* (1 ea.)	MSPBPK-S/S	77583	0.04
5	SS Pivot Arm Kit* (1 ea.)	QMPAK-S/S	77587	2.0
6	SS Tension Spring - Purple (1 ea.) for blades 400 - 700mm (16" - 28")	QMTS-P-S/S	77450	0.3
6a	SS Tension Spring - White (1 ea.) for blades 850 - 1750mm (34" - 70")	QMTS-W-S/S	77451	0.8
6b	SS Tension Spring - Gold (1 ea.) for blades 1900 - 2050mm (76" - 82")	QMTS-G-S/S	77452	1.1
7	Bushing Kit - Purple (2 ea.)	QMTBK-P	76097	0.04
7a	Bushing Kit - White (2 ea.)	QMTBK-W	76098	0.1
7b	Bushing Kit - Gold (2 ea.)	QMTBK-G	76540	0.1
8	SS Pivot Shaft Bracket Kit* (1 ea.)	QMTSPBK-S/S	77588	2.0
9	SS Torsion Arm Kit* (1 ea.)	PSTA-S/S	77442	5.2
-	SS QMT Spring Tensioner* - Purple (incl. 1 ea. Items 5, 6, 7, 8, & 9) for blades 400 - 700mm (16" - 28")	QMT-P-S/S	77584	9.3
-	SS QMT Spring Tensioner* - White (incl. 1 ea. Items 5, 6a, 7a, 8, & 9) for blades 850 - 1750mm (34" - 70")	QMT-W-S/S	77585	9.9
-	SS QMT Spring Tensioner* - Gold (incl. 1 ea. Items 5, 6b, 7b, 8, & 9) for blades 1900 - 2050mm (76" - 82")	QMT-G-S/S	77586	10.5

*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 400 - 700mm (16" - 28")	X		
ConShear 850 - 1750mm (34" - 70")		X	
ConShear 1900 - 2050mm (76" - 82")			X

U.S. Patent No. D482,508S

Product Ordering Information

MMP Medium Mine-Duty Precleaner

MMP Medium-Duty Precleaner Belt Width Minus 150mm (6")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
600	24	450	18	MMP600-150	81137	72.3
750	30	600	24	MMP750-150	81138	79.4
900	36	750	30	MMP900-150	81139	86.5
1050	42	900	36	MMP1050-150	81140	93.5
1200	48	1050	42	MMP1200-150	81141	100.6
1350	54	1200	48	MMP1350-150	81142	107.7
1500	60	1350	60	MMP1500-150	81143	114.8
1800	72	1650	72	MMP1800-150	81144	132
2100	84	1950	84	MMP2100-150	81145	156.1
2400	96	2250	2250	MMP-696	79033	180.1

Lead time: 1 working day

MMP Medium-Duty Precleaner Belt Width Minus 300mm (12")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
in.	mm	in.	mm			
750	30	450	18	MMP750-300	81146	76.2
900	36	600	24	MMP900-300	81147	83.3
1050	42	750	30	MMP1050-300	81148	90.4
1200	48	900	36	MMP1200-300	81149	97.4
1350	54	1050	42	MMP1350-300	81150	104.5
1500	60	1200	48	MMP1500-300	81151	111.6
1800	72	1500	60	MMP1800-300	81152	128.9
2100	84	1800	72	MMP2100-300	81153	152.9
2400	96	2100	84	MMP-1296	79034	176.9

Lead time: 1 working day

MMP Medium-Duty Precleaner Belt Width Minus 450mm (18")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
in.	mm	in.	mm			
36	900	18	450	MMP-1836	77575	80.1
42	1050	24	600	MMP-1842	77576	87.2
48	1200	30	750	MMP-1848	77577	94.3
54	1350	36	900	MMP-1854	77578	101.3
60	1500	42	1050	MMP-1860	77579	108.4
72	1800	54	1350	MMP-1872	77580	125.7
84	2100	66	1650	MMP-1884	77581	149.7
96	2400	78	1950	MMP-1896	79040	173.8

Lead time: 1 working day

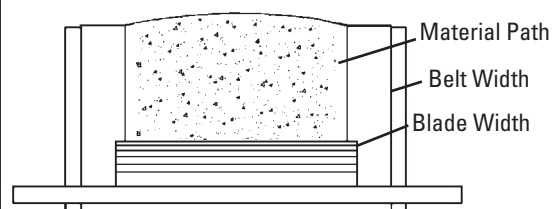
Product Notes:

- Recommended for medium-duty conveyor applications. For abusive applications see the MHCP Heavy-Duty Cartridge Precleaner (page 56).
- 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 150mm (6") may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 150mm (6"), minus 300mm (12") or minus 450mm (18")).
- Pole Length: Belt width plus 1350mm (54"). For longer requirements see Installation Accessories - Pole Extender Kit (page 133).
- 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 (page X133).

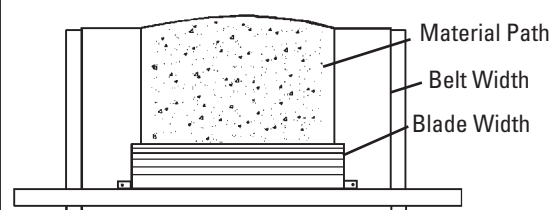


Match blade width to belt's material path

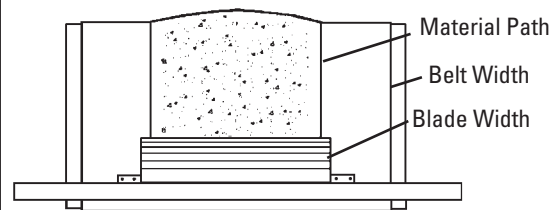
Belt Width Minus 6" (150mm)



Belt Width Minus 300mm (12")



Belt Width Minus 450mm (18")



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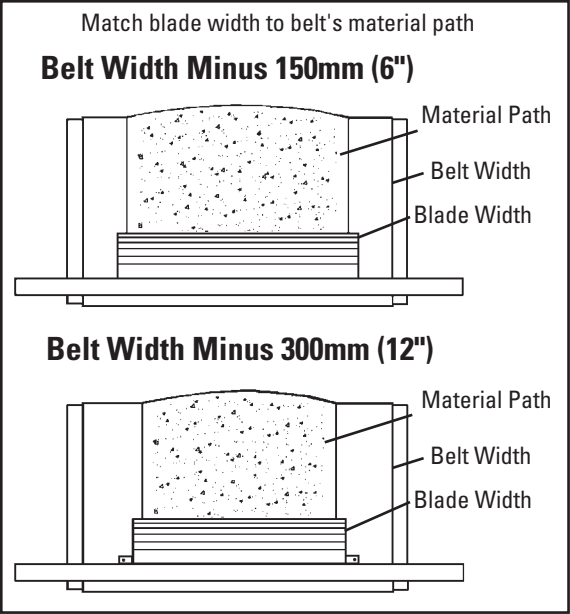
Product Ordering Information

Stainless Steel MMP Medium Mine-Duty Precleaner

Stainless Steel MMP Medium-Duty Precleaner Belt Width Minus 150mm (6")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
600	24	450	18	MMP-624-S/S	77424	72.3
750	30	600	24	MMP-630-S/S	77425	79.4
900	36	750	30	MMP-636-S/S	77426	86.5
1050	42	900	36	MMP-642-S/S	77427	93.5
1200	48	1050	42	MMP-648-S/S	77428	100.6
1350	54	1200	48	MMP-654-S/S	77429	107.7
1500	60	1350	54	MMP-660-S/S	77430	114.8
1800	72	1650	66	MMP-672-S/S	77431	132.0
2100	84	1950	78	MMP-684-S/S	77432	156.1
2400	96	2250	90	MMP-696-S/S	79035	180.1

Lead time: 3 weeks



Stainless Steel MMP Medium-Duty Precleaner Belt Width Minus 300mm (12")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
750	30	450	18	MMP-1230-S/S	77433	76.2
900	36	600	24	MMP-1236-S/S	77434	83.3
1050	42	750	30	MMP-1242-S/S	77435	90.4
1200	48	900	36	MMP-1248-S/S	77436	97.4
1350	54	1050	42	MMP-1254-S/S	77437	104.5
1500	60	1200	48	MMP-1260-S/S	77438	111.6
1800	72	1500	60	MMP-1272-S/S	77439	128.9
2100	84	1800	72	MMP-1284-S/S	77440	152.9
2400	96	2100	84	MMP-1296-S/S	79036	176.9

Lead time: 3 weeks

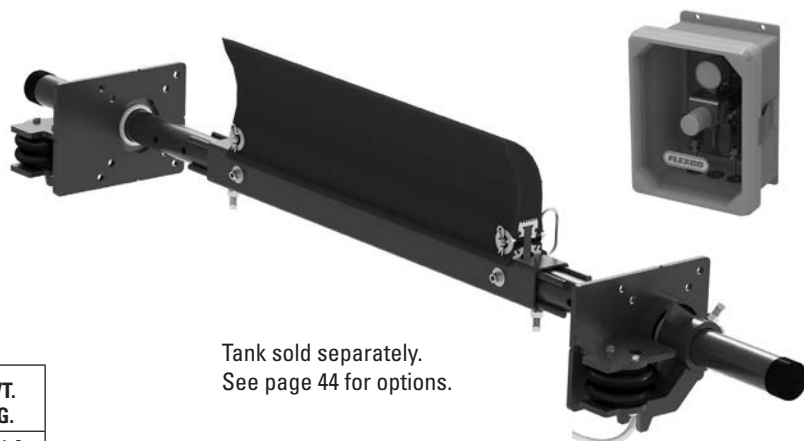
Product Notes:

- 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 150mm (6") may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 150mm (6"), minus 300mm (12") or minus 450mm (18")).
- Pole Length: Belt width plus 1350mm (54"). For longer requirements see Installation Accessories - Pole Extender Kit (page 133).
- 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 (page 133).

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Product Ordering Information

MMP Medium Mine-Duty Precleaner with Portable Air Tensioner



MMP Medium-Duty Precleaner with PAT Belt Width Minus 150mm (6")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
600	24	450	18	MMP-624P	78706	91.6
750	30	600	24	MMP-630P	78707	98.7
900	36	750	30	MMP-636P	78708	105.8
1050	42	900	36	MMP-642P	78709	112.9
1200	48	1050	42	MMP-648P	78710	119.9
1350	54	1200	48	MMP-654P	78711	127.0
1500	60	1350	54	MMP-660P	78712	134.1
1800	72	1650	66	MMP-672P	78713	151.4
2100	84	1950	78	MMP-684P	78714	175.4
2400	96	2250	90	MMP-696P	79037	199.4

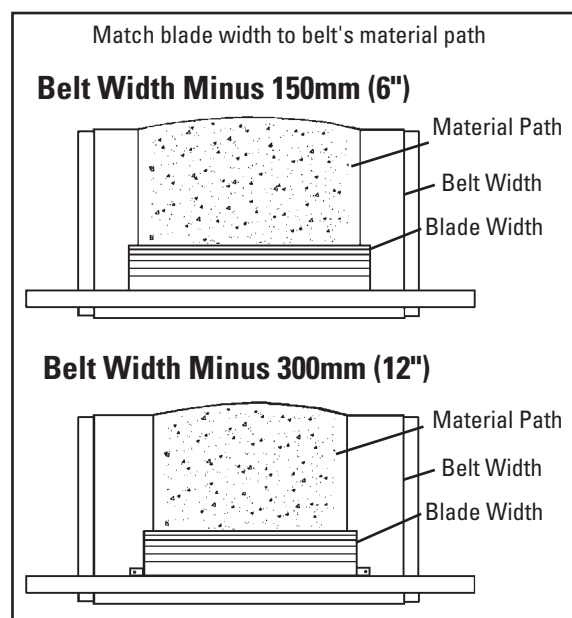
Lead time: 1 working day

Tank sold separately.
See page 44 for options.

MMP Medium-Duty Precleaner with PAT Belt Width Minus 300mm (12")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
750	30	450	18	MMP-1230P	78715	95.5
900	36	600	24	MMP-1236P	78716	102.6
1050	42	750	30	MMP-1242P	78717	109.7
1200	48	900	36	MMP-1248P	78718	116.8
1350	54	1050	42	MMP-1254P	78719	123.8
1500	60	1200	48	MMP-1260P	78720	130.9
1800	72	1500	60	MMP-1272P	78721	148.2
2100	84	1800	72	MMP-1284P	78722	172.2
2400	96	2100	84	MMP-1296P	79038	196.3

Lead time: 1 working day



Product Notes:

- Recommended for medium-duty conveyor applications. For abusive applications see MHCP Heavy-Duty Cartridge Precleaner (page 56).
- 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 150mm (6") may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 150mm (6"), minus 300mm (12") or minus 450mm (18")).
- Pole Length: Belt width plus 1350mm (54"). For longer requirements see Installation Accessories - Pole Extender Kit (Page 121).
- 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 (page 133).

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Product Ordering Information

Line Connections for Portable Air Tensioner

Air Tanks

ORDERING NUMBER	ITEM CODE	WT. KG.
PAT1	78684	5.9
PAT2	78685	5.9



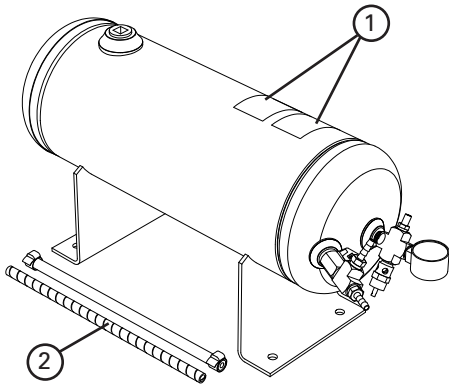
PAT1 (Single)



PAT2 (Dual)

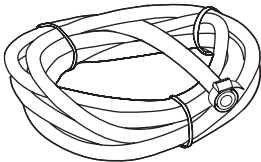
Replacement Parts List

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	Tank Label Kit	PATLK	78791	0.04
2	Tank Hose Kit (incl. 1 ea. 10' hose and 1' poly spiral wrap, 2 hose clamps)	PATHK	78794	0.7



Product Notes:

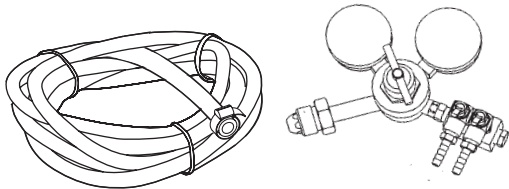
- For use with PAT cleaner assemblies and PAT control box.
- Single for applications with one cleaner, double for applications with two cleaners.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction.



Air Line Connection for Site-Accessible Air

ORDERING NUMBER	ITEM CODE	WT. KG.
PATHK*	78794	0.7

* incl. 10' hose, 1' poly spiral wrap, 2 hose clamps



Nitrogen Tank Connection for Site-Provided Nitrogen Tank

ORDERING NUMBER	ITEM CODE	WT. KG.
PANK*	78799	2.3

* incl. Nitrogen Regulator, 10' hose, 2 hose clamps

TuffShear™ Replacement Blades

MMP
Medium Mine-Duty Precleaner



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

Blade Width Selection

BELT WIDTH		BELT WIDTH - 150mm (6")		BELT WIDTH - 300mm (12")		BELT WIDTH - 450mm (18")	
mm	in.	mm	in.	mm	in.	mm	in.
600	24	450	18	N/A	N/A	N/A	N/A
750	30	600	24	450	18	N/A	N/A
900	36	750	30	600	24	450	18
1050	42	900	36	750	30	600	24
1200	48	1050	42	900	36	750	30
1350	54	1200	48	1050	42	900	36
1500	60	1350	54	1200	48	1050	42
1800	72	1650	66	1500	60	1350	54
2100	84	1950	78	1800	72	1650	66
2400	96	2250	90	2100	84	1950	78

Replacement TuffShear™ Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	TRB18	76485	9.5
600	24	TRB24	76486	12.7
750	30	TRB30	76487	15.9
900	36	TRB36	76488	19.1
1050	42	TRB42	76489	22.2
1200	48	TRB48	76490	25.4
1350	54	TRB54	76491	28.6
1500	60	TRB60	76492	31.8
1650	66	TRB66	76493	34.9
1800	72	TRB72	76494	38.1
1950	78	TRB78	76697	41.3
2100	84	TRB84	77047	44.5
2250	90	TRB90	77048	47.6

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 polyurethane.
- Quick blade replacement: Pull one pin, remove the old blade and slide the new one in.

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

Replacement TuffShear™ High-Temp Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	TRB-HT18	78754	9.5
600	24	TRB-HT24	78755	12.7
750	30	TRB-HT30	78756	15.9
900	36	TRB-HT36	78757	19.1
1050	42	TRB-HT42	78758	22.2
1200	48	TRB-HT48	78759	25.4
1350	54	TRB-HT54	78760	28.6
1500	60	TRB-HT60	78761	31.8
1650	66	TRB-HT66	78762	34.9
1800	72	TRB-HT72	78763	38.1
1950	78	TRB-HT78	78764	41.3

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

* For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 750mm (30") of extended pole length. (page 133).
Pole Diameter - 73mm (2-7/8")

Clearance Guidelines for Installation

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

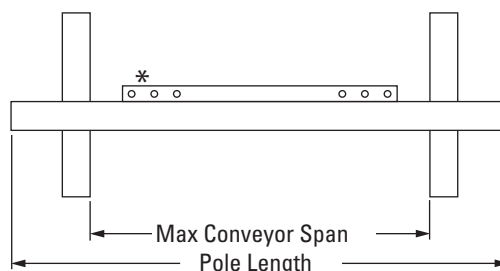
Spring Length Chart

BLADE WIDTH	PURPLE SPRINGS	WHITE SPRINGS	GOLD SPRINGS	SILVER SPRINGS
450	117	152	159	165
600	102	149	159	162
750	N/A	143	156	162
900	N/A	140	152	159
1050	N/A	133	149	159
1200	N/A	130	146	155
1350	N/A	124	143	155
1500	N/A	121	143	155
1650	N/A	N/A	140	152
1800	N/A	N/A	137	152
1950	N/A	N/A	133	149
2100	N/A	N/A	130	149
2150	N/A	N/A	N/A	146
2400	N/A	N/A	N/A	143
2550	N/A	N/A	N/A	140
2700	N/A	N/A	N/A	140
2850	N/A	N/A	N/A	137

Shading indicates preferred spring option.

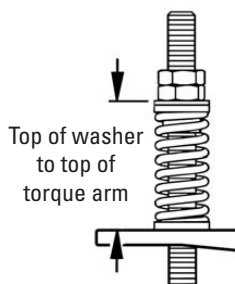
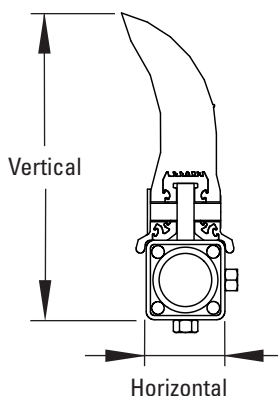
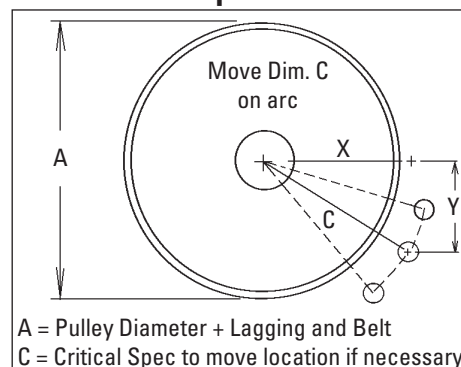
Specifications:

- Maximum Belt Speed5m/s (1000 FPM)
- Temperature Rating (TuffShear)-35°C to 82°C (-30°F to 180°F)
- Temperature Rating (TuffShear High Temp)Up to 135°C (275°F) with spikes to 164°C (325°F)
- Minimum Pulley Diameter400mm (16")
- Blade Height250mm (10")
- Usable Blade Wear Length150mm (6")
- Blade Material.....Polyurethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths.....600 to 2400mm (24" to 96").
Other sizes available upon request.
- CEMA Cleaner ClassificationClass 4



*Each pole size can be used with a blade size either belt width minus 150mm (6"), belt width minus 300mm (12"), or belt width minus 450mm (18").

Pole Location Specs



Pressure Chart

Blade Width	PSI
450	5#
600	6#
800	8#
900	9#
1050	11#
1200	13#
1350	14#
1500	16#
1650	17#
1800	19#
1950	21#
2100	22#
2250	24#

PSI setting is based on the belt width.

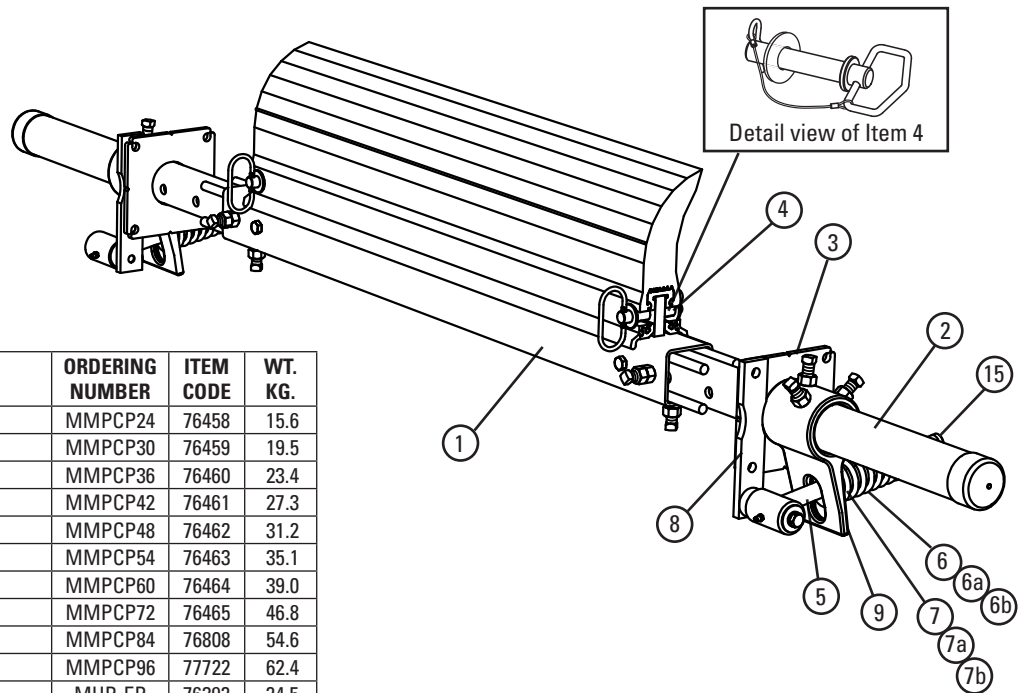
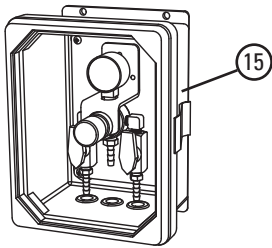
Pole Location Chart

A	X	Y	C
406	207	305	368
432	222	305	378
457	235	305	384
483	248	305	394
508	264	305	403
533	279	305	413
559	292	305	422
584	305	305	432
610	321	305	441
635	334	305	451
660	346	305	461
686	359	305	470
711	372	305	480
737	387	305	492
762	397	305	502
787	410	305	511
813	425	305	524
838	438	305	533
864	451	305	543
889	464	305	556
914	476	305	565
940	492	305	578
965	502	305	588
991	518	305	600
1016	527	305	610
1041	543	305	622
1067	552	305	632
1092	568	305	645
1118	578	305	654
1143	594	305	667
1168	607	305	679
1194	619	305	689
1219	632	305	702

U.S. Patent No. D482,508S

Replacement Parts List

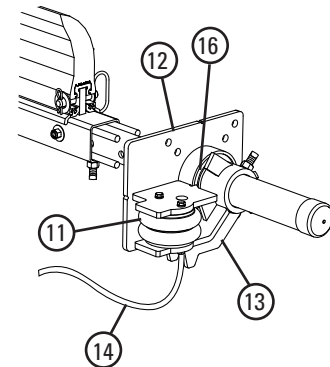
MMP Medium Mine-Duty Precleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	600mm (24") Center Pole	MMPCP24	76458	15.6
	750mm (30") Center Pole	MMPCP30	76459	19.5
	900mm (36") Center Pole	MMPCP36	76460	23.4
	1050mm (42") Center Pole	MMPCP42	76461	27.3
	1200mm (48") Center Pole	MMPCP48	76462	31.2
	1350mm (54") Center Pole	MMPCP54	76463	35.1
	1500mm (60") Center Pole	MMPCP60	76464	39.0
	1800mm (72") Center Pole	MMPCP72	76465	46.8
	2100mm (84") Center Pole	MMPCP84	76808	54.6
	2400mm (96") Center Pole	MMPCP96	77722	62.4
2	Extender Pole Kit (2 ea.)	MHP-EP	76392	24.5
3	Mounting Plate Kit* (2 ea.)	MSPMPK	75811	3.8
4	Blade Pin Kit* (1 ea.)	MMPBPk	76466	0.4
5	Pivot Arm Kit* (1 ea.)	QMTPAK	76096	2.0
6	Tension Spring - Purple (1 ea.) for blades 600mm (24")	QMTS-P	75845	0.3
6a	Tension Spring - White (1 ea.) for blades 750 - 2250mm (30" - 90")	PSTS-W	75898	0.8
6b	Tension Spring - Gold (1 ea.) for blades 1350 - 1950mm (54" - 78")	QMTS-G	76484	1.1
6c	Tension Spring - Silver (1 ea.) for blades 2100 - 2350mm (84" - 90")	PSTS-S	75899	1.4
7	Bushing Kit - Purple (2 ea.)	QMTBK-P	76097	0.0
7a	Bushing Kit - White & Silver (2 ea.)	QMTBK-W	76098	0.1
7b	Bushing Kit - Gold (2 ea.)	QMTBK-G	76540	0.1
8	Pivot Shaft Bracket Kit* (1 ea.)	QMTPSBK	76099	2.0
9	Torsion Arm Kit* (1 ea.)	PSTA	75896	5.2
10	Jam Nut Kit, QMT Tensioner	JNK-C	79893	0.1
-	QMT Spring Tensioner* - Purple (incl. 1 ea. Items 5, 6, 7, 8, & 9) for blades 50 - 600mm (18" - 24")	QMT-P	76074	9.3
-	QMT Spring Tensioner* - White (incl. 1 ea. Items 5, 6a, 7a, 8, & 9) for blades 750 - 1200mm (30" - 48")	QMT-W	76075	9.9
-	QMT Spring Tensioner* - Gold (incl. 1 ea. Items 5, 6b, 7b, 8, & 9) for blades 1350 - 1950mm (54" - 78")	QMT-G	76483	10.5
-	QMT Spring Tensioner* - Silver (incl. 1 ea. Items 5, 6c, 7a, 8 & 9) blades 2100 - 2350mm (84" - 90")	QMT-S	79039	9.2
11	Air/Water Bag (1 ea.)	AWTB	75905	1.7
12	Mounting Base (1ea.)	AWTMB	75906	10.4
13	Torque Arm* (1 ea.)	AWTA	75907	5.3
14	Hose Kit (50' of hose and 6 hose clamps)	AWTHK	75909	3.0
15	PAT Control Box 60 psi	PACB60	78683	5.0
16	PAT Kit- AWT Tensioner w/ Control Box (includes 2 ea. Items 11,12,13,14 & 1 ea. Item 15)	AWTPBA	90000	1.0
-	PAT Kit- AWT Tensioner w/ Control Box (includes 2 ea. Items 10,11,12,13 & 1 ea. Item 14)	PAK	78705	39.1
-	AWT Air/Water Tensioner w/o Control Box (includes 2 ea. Items 10,11,12 & 13)	AWTNCB	76069	34.1

*Hardware Included
Lead Time: 1 working day



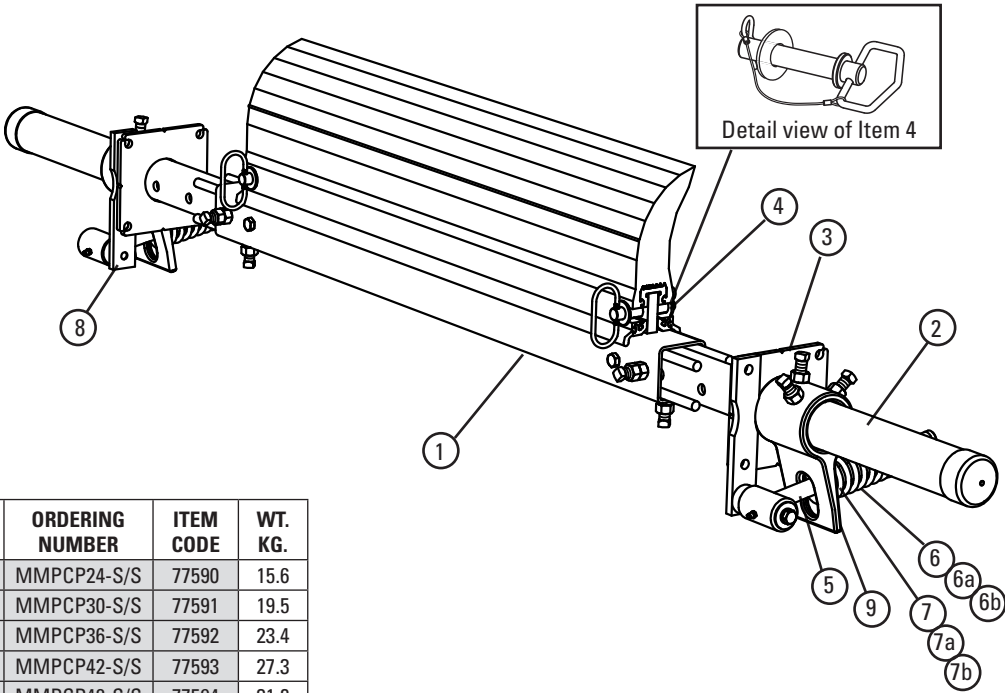
Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	76074 QMT-P	76075 QMT-W	76483 QMT-G	79039 QMT-S
TuffShear 50 - 600mm (18" - 24")	X			
TuffShear 750 - 1200mm (30" - 48")		X		
TuffShear 1350 - 1950mm (54" - 78")			X	
TuffShear 2100 - 2250mm (84" - 90")				X

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Replacement Parts List

Stainless Steel MMP Medium Mine-Duty Precleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	600mm (24") SS Center Pole	MMPCP24-S/S	77590	15.6
	750mm (30") SS Center Pole	MMPCP30-S/S	77591	19.5
	900mm (36") SS Center Pole	MMPCP36-S/S	77592	23.4
	1050mm (42") SS Center Pole	MMPCP42-S/S	77593	27.3
	1200mm (48") SS Center Pole	MMPCP48-S/S	77594	31.2
	1350mm (54") SS Center Pole	MMPCP54-S/S	77595	35.1
	1500mm (60") SS Center Pole	MMPCP60-S/S	77596	39.0
	1800mm (72") SS Center Pole	MMPCP72-S/S	77597	46.8
	2100mm (84") SS Center Pole	MMPCP84-S/S	77598	54.6
	2400mm (96") SS Center Pole	MMPCP96-S/S	78686	62.4
2	SS Extender Pole Kit (2 ea.)	MHP-EP-S/S	77599	24.5
3	SS Mounting Plate Kit* (2 ea.)	MSPMPK-S/S	77582	3.8
4	SS Blade Pin Kit* (1 ea.)	MMPBPK-S/S	77600	0.4
5	SS Pivot Arm Kit* (1 ea.)	QMTPAK-S/S	77587	2.0
6	SS Tension Spring - Purple (1 ea.) for blades 600mm (24")	QMTS-P-S/S	77450	0.3
6a	SS Tension Spring - White (1 ea.) for blades 750 - 1200mm (30" - 48")	QMTS-W-S/S	77451	0.8
6b	SS Tension Spring - Gold (1 ea.) for blades 1350 - 1950mm (54" - 78")	QMTS-G-S/S	77452	1.1
6c	SS Tension Spring - Silver (1 ea.) for blades 2100 - 2350mm (84" - 90")	QMTS-S-S/S	79056	1.4
7	Bushing Kit - Purple (2 ea.)	QMTBK-P	76097	0.04
7a	Bushing Kit - White and Silver (2 ea.)	QMTBK-W	76098	0.1
7b	Bushing Kit - Gold (2 ea.)	QMTBK-G	76540	0.1
8	SS Pivot Shaft Bracket Kit* (1 ea.)	QMTPSBK-S/S	77588	2.0
9	SS Torsion Arm Kit* (1 ea.)	PSTA-S/S	77442	5.2
-	SS QMT Spring Tensioner* - Purple (incl. 1 ea. Items 5, 6, 7, 8, & 9) for blades 50 - 600mm (18" - 24")	QMT-P-S/S	77584	9.3
-	SS QMT Spring Tensioner* - White (incl. 1 ea. Items 5, 6a, 7a, 8, & 9) for blades 750 - 1200mm (30" - 48")	QMT-W-S/S	77585	9.9
-	SS QMT Spring Tensioner* - Gold (incl. 1 ea. Items 5, 6b, 7b, 8, & 9) for blades 1350 - 1800mm (54" - 78")	QMT-G-S/S	77586	10.5v
-	SS QMT Spring Tensioner* - Silver (incl. 1 ea. Items 5, 6c, 7a, 8 & 9) for blades 2100 - 2350mm (84" - 90")	QMT-S-S/S	79059	11.2

Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	77584 QMT-P-S/S	77585 QMT-W-S/S	77586 QMT-G-S/S	79059 QMT-S-S/S
TuffShear 450 - 600mm (18" - 24")	X			
TuffShear 750 - 1200mm (30" - 48")		X		
TuffShear 1350 - 1950mm (54" - 78")			X	
TuffShear 2100 - 2250mm (84" - 90")				X

*Hardware Included
Lead Time: 1 working day

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

U.S. Patent No. D482,508S

Product Ordering Information

MHP
Mine Tough Heavy-Duty Precleaner



Belt Width Minus 150mm (6")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
600	24	450	18	MHP-624	77703	113.1
750	30	600	24	MHP-630	77704	121.4
900	36	750	30	MHP-636	77705	129.6
1050	42	900	36	MHP-642	77706	137.9
1200	48	1050	42	MHP-648	77707	146.1
1350	54	1200	48	MHP-654	77708	155.0
1500	60	1350	54	MHP-660	77709	163.2
1800	72	1650	66	MHP-672	77710	179.8
2100	84	1950	78	MHP-684	77711	196.4
2400	96	2250	90	MHP-696	77712	212.9

Belt Width Minus 300mm (12")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
750	30	450	18	MHP-1230	77713	117.0
900	36	600	24	MHP-1236	77714	125.3
1050	42	750	30	MHP-1242	77715	133.5
1200	48	900	36	MHP-1248	77716	141.8
1350	54	1050	42	MHP-1254	77717	150.0
1500	60	1200	48	MHP-1260	77718	158.9
1800	72	1500	60	MHP-1272	77719	175.4
2100	84	1800	72	MHP-1284	77720	196.0
2400	96	2100	84	MHP-1296	77721	216.6

Belt Width Minus 450mm (18")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
900	36	450	18	MHP-1836	78591	120.9
1050	42	600	24	MHP-1842	78592	129.1
1200	48	750	30	MHP-1848	78593	137.4
1350	54	900	36	MHP-1854	78594	145.7
1500	60	1050	42	MHP-1860	78595	153.9
1800	72	1350	54	MHP-1872	78596	171.0
2100	84	1650	66	MHP-1884	78597	187.6
2400	96	1950	78	MHP-1896	78598	204.2

Belt Width Minus 600mm (24")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
1050	42	450	18	MHP-2442	78669	124.8
1200	48	600	24	MHP-2448	78670	110.4
1350	54	750	30	MHP-2454	78671	141.3
1500	60	900	36	MHP-2460	78672	149.6
1800	72	1200	48	MHP-2472	78673	166.7
2100	84	1500	60	MHP-2484	78674	183.3
2400	96	1800	72	MHP-2496	78675	199.8

Lead time: 1 working day

Product Notes:

- Recommended for heavy-duty conveyor applications.
- 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 four blade sizes (belt width -150mm, -300mm, -450mm, -600mm) (-6", -12", -18" or -24").
- Pole Length: Belt width plus 1350mm (54"). For longer requirements see Installation Accessories - Pole Extender Kit (page 133).
- 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 (page 133).

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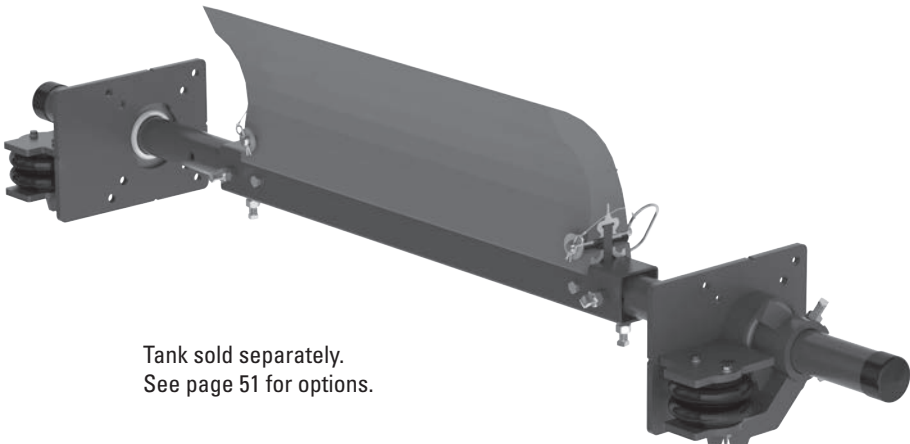
Product Ordering Information

MHP

Mine Tough Heavy-Duty Precleaner with Portable Air Tensioner (PAT)



PAT Control Box



Tank sold separately.
See page 51 for options.

Belt Width Minus 150mm (6")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
600	24	450	18	MHP-624P	78599	113.2
750	30	600	24	MHP-630P	78600	121.5
900	36	750	30	MHP-636P	78601	129.7
1050	42	900	36	MHP-642P	78602	138.0
1200	48	1050	42	MHP-648P	78603	146.2
1350	54	1200	48	MHP-654P	78604	154.5
1500	60	1350	54	MHP-660P	78605	162.7
1800	72	1650	66	MHP-672P	78606	179.3
2100	84	1950	78	MHP-684P	78607	195.9
2400	96	2250	90	MHP-696P	78608	212.4

Belt Width Minus 300mm (12")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
750	30	450	18	MHP-1230P	78609	117.1
900	36	600	24	MHP-1236P	78610	125.4
1050	42	750	30	MHP-1242P	78611	133.6
1200	48	900	36	MHP-1248P	78612	141.9
1350	54	1050	42	MHP-1254P	78613	150.1
1500	60	1200	48	MHP-1260P	78614	158.4
1800	72	1500	60	MHP-1272P	78615	175.0
2100	84	1800	72	MHP-1284P	78616	191.5
2400	96	2100	84	MHP-1296P	78617	208.0

Belt Width Minus 450mm (18")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
900	36	450	18	MHP-1836P	78618	121.0
1050	42	600	24	MHP-1842P	78619	129.2
1200	48	750	30	MHP-1848P	78620	137.5
1350	54	900	36	MHP-1854P	78621	145.8
1500	60	1050	42	MHP-1860P	78622	154.0
1800	72	1350	54	MHP-1872P	78623	170.6
2100	84	1650	66	MHP-1884P	78624	187.1
2400	96	1950	78	MHP-1896P	78625	203.7

Lead time: 1 working day

Belt Width Minus 600mm (24")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
1050	42	450	18	MHP-2442P	78676	124.9
1200	48	600	24	MHP-2448P	78677	133.1
1350	54	750	30	MHP-2454P	78678	141.4
1500	60	900	36	MHP-2460P	78679	149.7
1800	72	1200	48	MHP-2472P	78680	166.2
2100	84	1500	60	MHP-2484P	78681	182.8
2400	96	1800	72	MHP-2496P	78682	199.3

Product Notes:

- Recommended for heavy-duty conveyor applications.
- 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 150mm (6") may be the best solution.
- Each cleaner pole is retrofittable for four blade sizes (belt width minus 150mm (6"), minus 300mm (12"), minus 450mm (18") or minus 600mm (24")).
- Pole Length: Belt width plus 1350mm (54"). For longer requirements see Installation Accessories - Pole Extender Kit (page 133).
- Check tension from regulator in control box. Adjust according to air tension per blade width for optimal tensioning.
- To make cleaner installation easier and quicker, see Optional Mounting Kits (page 133).

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Product Ordering Information

Line Connections for Portable Air Tensioner

Air Tanks

ORDERING NUMBER	ITEM CODE	WT. KG.
PAT1	78684	5.9
PAT2	78685	5.9



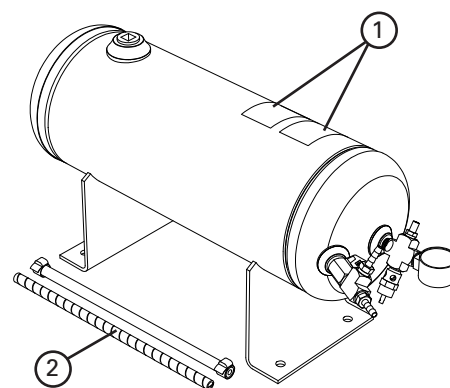
PAT1 (Single)



PAT2 (Dual)

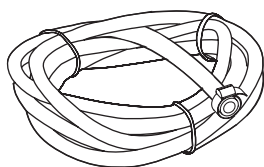
Replacement Parts List

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	Tank Label Kit	PATLK	78791	0.04
2	Tank Hose Kit (incl. 1 ea. 10' hose and 1' poly spiral wrap, 2 hose clamps)	PATHK	78794	0.7



Product Notes:

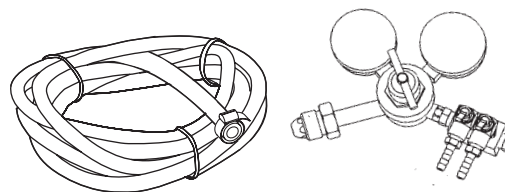
- For use with PAT cleaner assemblies and PAT control box.
- Single for applications with one cleaner, double for applications with two cleaners.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction.



Air Line Connection for Site-Accessible Air

ORDERING NUMBER	ITEM CODE	WT. KG.
PATHK*	78794	0.7

* incl. 10' hose, 1' poly spiral wrap, 2 hose clamps



Nitrogen Tank Connection for Site-Provided Nitrogen Tank

ORDERING NUMBER	ITEM CODE	WT. KG.
PANK*	78799	2.3

* incl. Nitrogen Regulator, 10' hose, 2 hose clamps

Product Ordering Information

MegaShear™ Replacement Blades



Blade Width Selection

BELT WIDTH		BELT WIDTH - 150mm (6")		BELT WIDTH - 300mm (12")		BELT WIDTH - 450mm (18")		BELT WIDTH - 600mm (24")	
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
600	24	450	18	N/A	N/A	N/A	N/A	N/A	N/A
750	30	600	24	450	18	N/A	N/A	N/A	N/A
900	36	750	30	600	24	450	18	N/A	N/A
1050	42	900	36	750	30	600	24	450	18
1200	48	1050	42	900	36	750	30	600	24
1350	54	1200	48	1050	42	900	36	750	30
1500	60	1350	54	1200	48	1050	42	900	36
1800	72	1650	66	1500	60	1350	54	1200	48
2100	84	1950	78	1800	72	1650	66	1500	60
2400	96	2250	90	2100	84	1950	78	1800	72

Ordering Information
MegaShear™ Replacement Blades

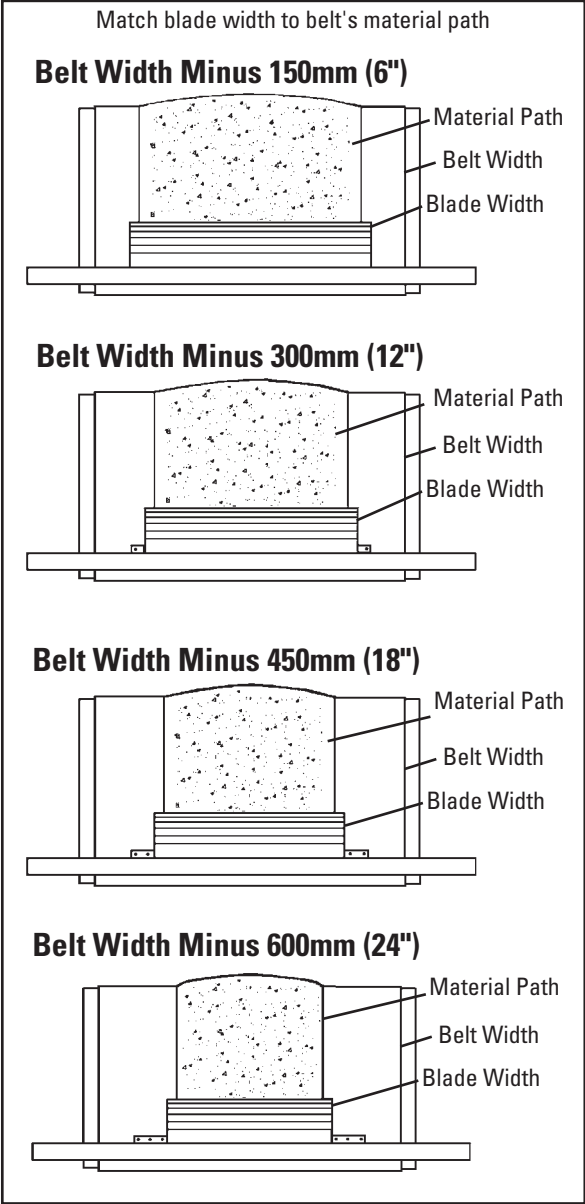
BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	MRB18	77531	13.1
600	24	MRB24	77532	17.5
750	30	MRB30	77533	21.8
900	36	MRB36	77534	26.2
1050	42	MRB42	77535	30.6
1200	48	MRB48	77536	34.9
1350	54	MRB54	77537	39.3
1500	60	MRB60	77538	43.7
1650	66	MRB66	77539	48.0
1800	72	MRB72	77540	52.4
1950	78	MRB78	77541	56.7
2100	84	MRB84	77542	61.1
2250	90	MRB90	77543	65.5

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.
- MegaShear™ blades are made of a special long-wearing polyurethane.
- Quick blade replacement: Pull one pin, remove the old blade and slide the new one in.

U.S. Patent No. D482,508S



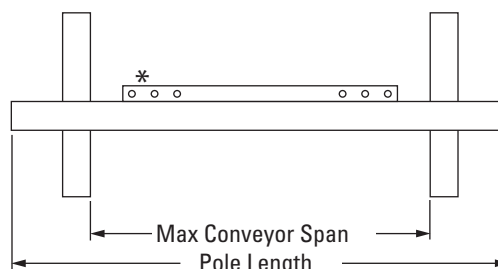
Specifications & Guidelines

MHP
Mine Tough Heavy-Duty Precleaner

Pole Length Specifications*

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

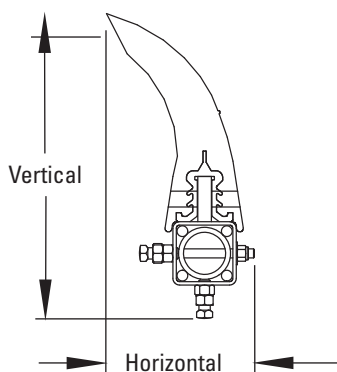
* For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 750mm (30") of extended pole length. Pole Diameter - 73mm (2-7/8"). (page 133)



*Each pole size can be used with a blade size either belt width minus 150mm (6"), belt width minus 300mm (12"), or belt width minus 450mm (18").

Clearance Guidelines for Installation

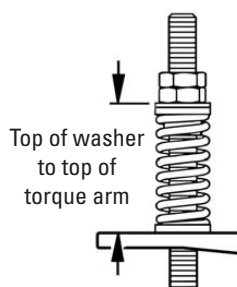
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
mm	in.	mm	in.
200	8	488	19.5



Spring Length Chart

Blade Width	White Springs	Silver Springs	Red Springs
450	146	162	165
600	137	159	162
750	130	156	162
900	121	156	159
1050	114	152	159
1200	N/A	149	156
1350	N/A	146	156
1500	N/A	146	152
1650	N/A	143	152
1800	N/A	140	149
1950	N/A	130	149
2100	N/A	N/A	146
2250	N/A	N/A	143
2400	N/A	N/A	140
2550	N/A	N/A	140

Shading indicates preferred spring option.



Pressure Chart (PAT)

Blade Width		PSI
mm	in.	
450	18"	8#
600	24"	10#
800	32"	13#
900	36"	15#
1050	42"	18#
1200	48"	20#
1350	54"	23#
1500	60"	25#
1650	66"	28#
1800	72"	31#
1950	78"	33#
2100	84"	36#
2250	90"	38#

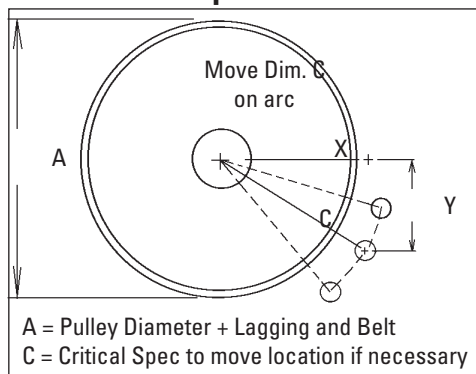
Specifications:

- Maximum Belt Speed 7.5m/s (1500 FPM)
- Temperature Rating -35°C to 82°C (-30°F to 180°F)
- Minimum Pulley Diameter 500mm (20")
- Blade Height 306mm (12.25")
- Usable Blade Wear Length 200mm (8")
- Blade Material Polyurethane 90 durometer (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths 600 to 2400mm (24" to 96"). Other sizes available upon request.
- CEMA Cleaner Classification Class 5

Specifications & Guidelines

MHP
Mine Tough Heavy-Duty Precleaner

Pole Location Specs



X & Y Chart for Pole Location

Pulley Diameter (including belt and lagging)	X	Y	C
500	250	365	442
525	263	365	450
550	275	365	457
575	288	365	465
600	300	365	472
625	313	365	480
650	325	365	489
675	338	365	497
700	350	365	506
725	363	365	514
750	375	365	523
775	388	365	532
800	400	365	542
825	413	365	551
850	425	365	560
875	438	365	570
900	450	365	579
925	463	365	589
950	475	365	599
975	488	365	609
1000	500	365	619
1025	513	365	629
1050	525	365	639
1075	538	365	650
1100	550	365	660

X & Y Chart for Pole Location

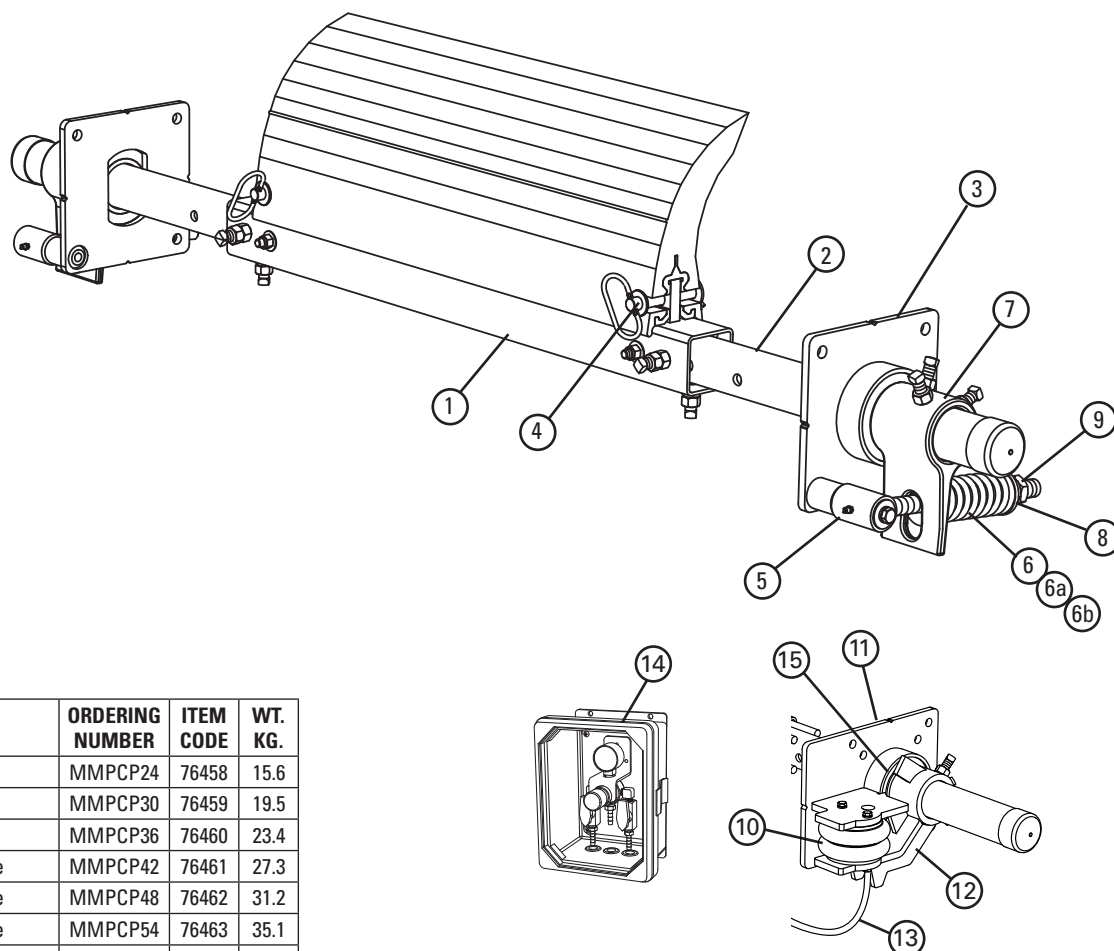
Pulley Diameter (including belt and lagging)	X	Y	C
1125	563	365	671
1150	575	365	681
1175	588	365	692
1200	600	365	702
1225	613	365	714
1250	628	365	727
1275	641	365	738
1300	657	365	752
1325	672	365	765
1350	685	365	776
1375	700	365	790
1400	713	365	801
1425	728	365	815
1450	741	365	826
1475	757	365	840
1500	769	365	851
1525	782	365	863
1550	797	365	877
1575	810	365	888
1600	826	365	903
1625	838	365	914
1650	850	365	925
1675	866	365	940
1700	879	365	951
1725	891	365	963

X & Y Chart for Pole Location

Pulley Diameter (including belt and lagging)	X	Y	C
1750	906	365	977
1775	919	365	989
1800	932	365	1001
1825	947	365	1015
1850	960	365	1027
1875	972	365	1039
1900	985	365	1050
1925	1000	365	1064
1950	1013	365	1077
1975	1026	365	1089
2000	1038	365	1100
2025	1053	365	1114
2050	1066	365	1127
2075	1079	365	1139
2100	1090	365	1150

Replacement Parts List

MHP
Mine Tough Heavy-Duty Precleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	600mm (24") Center Pole	MMPCP24	76458	15.6
	750mm (30") Center Pole	MMPCP30	76459	19.5
	900mm (36") Center Pole	MMPCP36	76460	23.4
	1050mm (42") Center Pole	MMPCP42	76461	27.3
	1200mm (48") Center Pole	MMPCP48	76462	31.2
	1350mm (54") Center Pole	MMPCP54	76463	35.1
	1500mm (60") Center Pole	MMPCP60	76464	39.0
	1800mm (72") Center Pole	MMPCP72	76465	46.8
	2100mm (84") Center Pole	MMPCP84	76808	54.6
	2400mm (96") Center Pole	MMPCP96	77722	62.4
2	Extender Pole Kit (2 ea.)	MHP-EP	76392	24.5
3	Mounting Plate Kit* (2 ea.)	MHPMPK	77727	20.1
4	Blade Pin Kit* (1 ea.)	MHPBPK	77728	0.4
5	Torque Pivot Kit* (1 ea.)	PTPK	75897	3.2
6	Tension Spring - White (1 ea.) for blades 450 - 1050mm (18" - 42")	PSTS-W	75898	0.8
6a	Tension Spring - Silver (1 ea.) for blades 1200 - 1950mm (48" - 78")	PSTS-S	75899	1.4
6b	Tension Spring - Red (1 ea.) for blades 2100 - 2250mm (84" - 90")	PSTS-R	77726	2.0
7	Torque Arm Kit* (1 ea.)	PSTA	75896	5.2
8	Bushing Kit (2 ea.)	QMTBK-W	76098	0.1
9	Jam Nut Kit PST Tensioner	JNK-D	79894	0.1
-	PST Spring Tensioner* - White (incl. 2 ea. Items 3, 5, 6, 7, & 8) for blades 450 - 1050mm (18" - 42")	PST2-W	77723	39.1
-	PST Spring Tensioner* - Silver (incl. 2 ea. Items 3, 5, 6a, 7, & 8) for blades 1200 - 1950mm (48" - 78")	PST2-S	77724	39.6
-	PST Spring Tensioner* - Red (incl. 2 ea. Items 3, 5, 6b, 7 & 8) for blades 2100 - 2250mm (84" - 90")	PST2-R	77725	40.3

*Hardware Included
Lead time: 1 working day

PAT Air & Nitrogen Tensioner Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
10	Air/Water Bag (1 ea.)	AWTB	75905	1.7
11	Mounting Base (1 ea.)	AWTMB	75906	10.4
12	Torque Arm * (1 ea.)	AWTA	75907	5.3
13	Hose Kit (50' of hose and 6 hose clamps)	AWTHK	75909	3.0
14	PAT Control Box 60 psi	PACB60	78683	5.0
15	Pole Bearing Assy (for cleaners shipped after 4/2016)	AWTPBA	90000	1.0
-	PAT Kit- AWT Tensioner w/Control Box (includes 2 ea. Items 9, 10, 11 & 1 ea. Items 12, 13)	PAK	78705	39.1
-	AWT Air/Water Tensioner w/o Control Box (includes 2 each items 9, 10, 11 & 1 each item 12)	AWTNCB	76069	34.1

*Hardware Included
Lead time: 1 working day

Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	77723 PST2-W	77724 PST2-S	77725 PST2-R
MegaShear 450 - 1050mm (18" - 42")	X		
MegaShear 1200 - 1950mm (48" - 78")		X	
MegaShear 2100 - 2250mm (84" - 90")			X

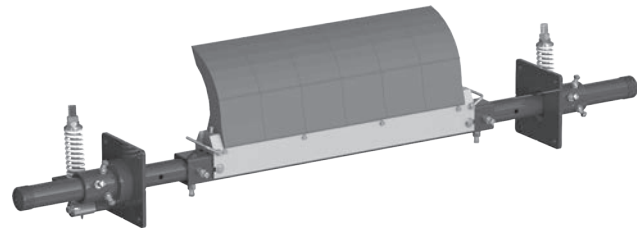
Product Ordering Information

MHCP Heavy-Duty Cartridge Precleaner

MHCP HD Cartridge Precleaner with Spring Tensioner (PST)

BELT WIDTH		BLADE COVERAGE		ORDERING NUMBER	ITEM CODE	WT. KG.
		mm	in.			
600	24	450	18	MHCP-24S	75929	87.1
750	30	600	24	MHCP-30S	75930	94.0
900	36	750	30	MHCP-36S	75931	100.9
1050	42	900	36	MHCP-42S	75932	107.7
1200	48	1050	42	MHCP-48S	75933	114.5
1350	54	1200	48	MHCP-54S	75934	121.4
1500	60	1350	54	MHCP-60S	75935	128.2
1800	72	1650	66	MHCP-72S	75936	141.9
2100	84	1950	78	MHCP-84S	76800	165.5
2400	96	2250	90	MHCP-96S	78955	189.1

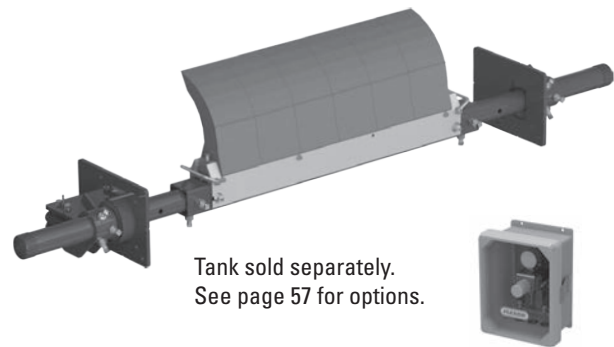
Lead time: 1 working day



MHCP HD Cartridge Precleaner with Portable Air Tensioner (PAT)

BELT WIDTH		BLADE COVERAGE		ORDERING NUMBER	ITEM CODE	WT. KG.
		mm	in.			
600	24	450	18	MHCP-24P	78723	87.2
750	30	600	24	MHCP-30P	78724	94.0
900	36	750	30	MHCP-36P	78725	100.9
1050	42	900	36	MHCP-42P	78726	107.7
1200	48	1050	42	MHCP-48P	78727	114.5
1350	54	1200	48	MHCP-54P	78728	121.4
1500	60	1350	54	MHCP-60P	78729	128.2
1800	72	1650	66	MHCP-72P	78730	141.9
2100	84	1950	78	MHCP-84P	78731	165.5
2400	96	2250	90	MHCP-96P	78959	189.1

Lead time: 1 working day



Tank sold separately.
See page 57 for options.

Product Notes:

- Heavy-duty design with massive SuperShear™ blades for constant cleaning power on abusive beltlines.
- Blade width equals belt width minus 150mm (6"). Can be adjusted to belt's material path.
- Pole Length: Belt width plus 1450mm (58"). For longer requirements see Installation Accessories - Pole Extender Kit (page 133).
- 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 (page 133)

Product Ordering Information

Line Connections for Portable Air Tensioner

Air Tanks

ORDERING NUMBER	ITEM CODE	WT. KG.
PAT1	78684	5.9
PAT2	78685	5.9



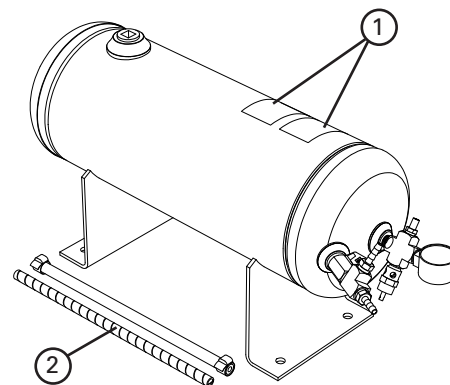
PAT1 (Single)



PAT2 (Dual)

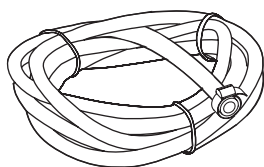
Replacement Parts List

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	Tank Label Kit	PATLK	78791	0.04
2	Tank Hose Kit (incl. 1 ea. 10' hose and 1' poly spiral wrap, 2 hose clamps)	PATHK	78794	0.7



Product Notes:

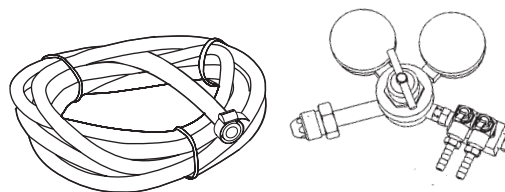
- For use with PAT cleaner assemblies and PAT control box.
- Single for applications with one cleaner, double for applications with two cleaners.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction.



Air Line Connection for Site-Accessible Air

ORDERING NUMBER	ITEM CODE	WT. KG.
PATHK*	78794	0.7

* incl. 10' hose, 1' poly spiral wrap, 2 hose clamps



Nitrogen Tank Connection for Site-Provided Nitrogen Tank

ORDERING NUMBER	ITEM CODE	WT. KG.
PANK*	78799	2.3

* incl. Nitrogen Regulator, 10' hose, 2 hose clamps

Optional Assemblies, Tensioners & Kits

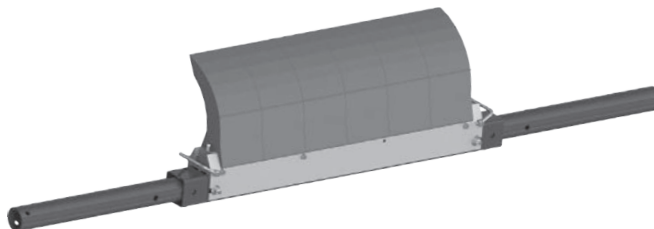
MHCP Heavy-Duty Cartridge Precleaner

Blade/Pole Assemblies

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

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	MHCP-BPA24	75945	48.1
750	30	MHCP-BPA30	75946	54.9
900	36	MHCP-BPA36	75947	61.8
1050	42	MHCP-BPA42	75948	68.6
1200	48	MHCP-BPA48	75949	75.4
1350	54	MHCP-BPA54	75950	82.3
1500	60	MHCP-BPA60	75951	89.1
1800	72	MHCP-BPA72	75952	102.8
2100	84	MHCP-BPA84	76809	119.9
2400	96	MHCP-BPA96	78956	137.1

Lead time: 1 working day



Tensioners

(Includes tensioners for both pole ends)

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
PST Spring Tensioner - White for belts 600 - 1200mm (24" - 48")	PST2-W	77723	39.1
PST Spring Tensioner - Silver for belts 54" - 84" (1350-2100mm)	PST2-S	77724	39.1
PST Spring Tensioner - Red for belts 2400mm (96")	PST2-R	77725	39.1
PAT Kit- PAT Tensioner	PAK	78705	39.1

Lead time: 1 working day



PST Spring Tensioner



PAT AirTensioner and
Control Box

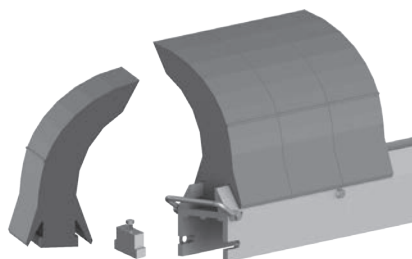
Blade Cartridge Kits

(Includes blades, cartridge, and mounting bolts)

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	MHCP-BCK24	75953	15.0
750	30	MHCP-BCK30	75954	20.0
900	36	MHCP-BCK36	75955	24.9
1050	42	MHCP-BCK42	75956	29.9
1200	48	MHCP-BCK48	75957	34.9
1350	54	MHCP-BCK54	75958	39.9
1500	60	MHCP-BCK60	75959	44.9
1800	72	MHCP-BCK72	75960	54.9
2100	84	MHCP-BCK84	76810	64.0
2400	96	MHCP-BCK96	78957	73.2

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



Blade Cartridge Kit

Specifications & Guidelines

MHCP Heavy-Duty Cartridge Precleaner

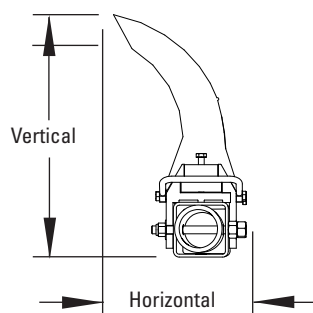
Telescoping Pole Length Specifications

CLEANER SIZE		MAX OVERALL POLE LENGTH		CENTER POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.	mm	in.
600	24	2050	82	700	28	1650	66
750	30	2200	88	850	34	1800	72
900	36	2350	94	1000	40	1950	78
1050	42	2500	100	1150	46	2100	84
1200	48	2650	106	1300	52	2250	90
1350	54	2800	112	1450	58	2400	96
1500	60	2950	118	1600	64	2550	102
1800	72	3250	130	1900	76	2850	114
2100	84	3550	142	2200	88	3150	126
2400	96	3850	154	2500	100	3450	138

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

Clearance Guidelines for Installation

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

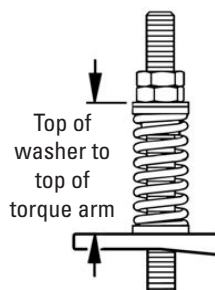


Spring Length Chart with PST Spring Tensioner

BLADE WIDTH	WHITE SPRINGS	SILVER SPRINGS	RED SPRINGS
450	146	162	165
600	137	159	162
750	130	156	162
900	121	156	159
1050	114	152	159
1200	N/A	149	156
1350	N/A	146	156
1500	N/A	146	152
1650	N/A	143	152
1800	N/A	140	149
1950	N/A	130	146
2100	N/A	N/A	146
2250	N/A	N/A	143
2400	N/A	N/A	140
2550	N/A	N/A	140

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

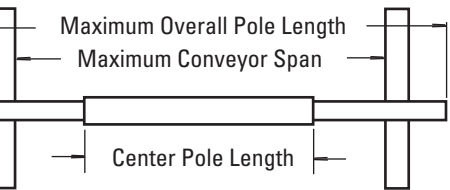
Shading indicates preferred spring option



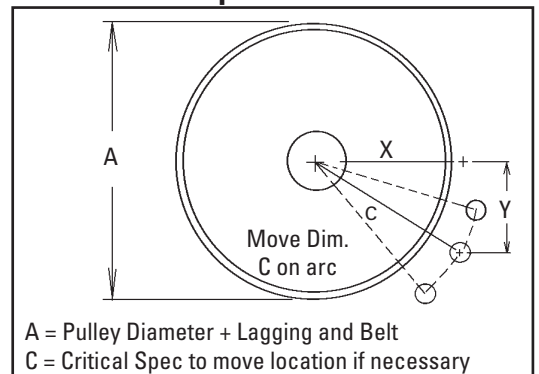
Air/Water or Nitrogen Pressure Chart

BLADE WIDTH	BLADES	PSI
450	3	8#
600	4	10#
750	5	13#
900	6	15#
1050	7	18#
1200	8	20#
1350	9	23#
1500	10	25#
1650	11	28#
1800	12	31#
1950	13	33#
2100	14	36#
2250	15	38#

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



Pole Location Specs



Pole Location Chart

A	X	Y	C
500	254	365	445
525	267	365	451
550	279	365	460
575	292	365	467
600	305	365	476
625	318	365	483
650	330	365	492
675	343	365	502
700	356	365	511
725	368	365	518
750	381	365	527
775	394	365	537
800	406	365	546
825	419	365	556
850	432	365	565
875	445	365	575
900	457	365	584
925	470	365	594
950	483	365	606
975	495	365	616
1000	508	365	625
1025	521	365	635
1050	533	365	648
1075	546	365	657
1100	565	365	673
1125	581	365	686
1150	597	365	699
1175	610	365	711
1200	625	365	724

Specifications:

- Maximum Belt Speed 6m/s (1200 FPM)
- Temperature Rating -35°C to 82°C (-30°F to 180°F)
- Minimum Pulley Diameter 500mm (20")
- Blade Height 350mm (14")
- Usable Blade Wear Length 200mm (8")
- Blades Polyurethane (proprietary blend for abrasion resistance and long wear).
- Available for Belt Widths 600 to 2400mm (24" to 96").
Other sizes available upon request.
- CEMA Cleaner Classification Class 5

Replacement Parts List

MHCP Heavy-Duty Cartridge Precleaner

Replacement Parts List

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	600mm (24") Center Pole *	MHP-CP24	75961	8.6
	750mm (30") Center Pole *	MHP-CP30	75962	10.5
	900mm (36") Center Pole *	MHP-CP36	75963	12.3
	1050mm (42") Center Pole *	MHP-CP42	75964	14.2
	1200mm (48") Center Pole *	MHP-CP48	75965	16.0
	1350mm (54") Center Pole *	MHP-CP54	75966	17.9
	1500mm (60") Center Pole *	MHP-CP60	75967	19.7
	1800mm (72") Center Pole *	MHP-CP72	75968	23.4
	2100mm (84") Center Pole *	MHP-CP84	76811	27.3
	2400mm (96") Center Pole *	MHP-CP96	78958	31.2
2	MHCP Extender Poles (2 ea.)	MHP-EP	76392	24.5
3	SuperShear™ Blade	SSRB	75978	3.0
4	600mm (24") 2-Piece Blade Cartridge *	MHCP-2BC24	76638	6.0
	750mm (30") 2-Piece Blade Cartridge *	MHCP-2BC30	76639	8.0
	900mm (36") 2-Piece Blade Cartridge *	MHCP-2BC36	76640	10.0
	1050mm (42") 2-Piece Blade Cartridge *	MHCP-2BC42	76641	12.0
	1200mm (48") 2-Piece Blade Cartridge *	MHCP-2BC48	76642	14.0
	1350mm (54") 2-Piece Blade Cartridge *	MHCP-2BC54	76643	16.0
	1500mm (60") 2-Piece Blade Cartridge *	MHCP-2BC60	76644	18.0
	1800mm (72") 2-Piece Blade Cartridge *	MHCP-2BC72	76645	22.0
	2100mm (84") 2-Piece Blade Cartridge *	MHCP-2BC84	76812	25.6
	2400mm (96") 2-Piece Blade Cartridge *	MHCP-2BC96	78986	29.3
5	MHCP Cartridge Handle *	MHCP-CH	76393	0.2
6	MHCP Cartridge Blade Stop *	MHCP-BS	76394	0.2

*Hardware Included Lead time: 1 working day

PST Spring Tensioner Replacement Parts

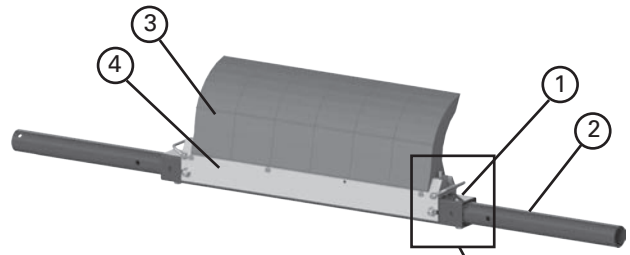
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
7	Mounting Plate Kit * (2 ea.)	MHPMPK	77727	20.1
8	Torque Arm * (1 ea.)	PSTA	75896	5.2
9	Torque Pivot Kit (1 ea.) (no spring)	PTPK	75897	3.2
10	Tension Spring - White (1 ea.) for belts 600 - 1200mm (24" - 48")	PSTS-W	75898	0.8
10a	Tension Spring - Silver (1 ea.) for belts 1350 - 2100mm (54" - 84")	PSTS-S	75899	1.4
10b	Tension Spring - Red (1 ea.) for belts 2400mm (96")	PSTS-R	77726	1.4
11	Bushing Kit (2 ea.) (for White, Silver, & Red Tensioners)	QMTBK-W	76098	0.1
12	Jam Nut Kit PST Tensioner	JNK-D	79894	0.1
-	PST Spring Tensioner* - White (includes 2 each items 7, 8, 9, 10 & 11) for belts 600 - 1200mm (24" - 48")	PST2-W	77723	39.1
-	PST Spring Tensioner* - Silver (includes 2 each items 7, 8, 9, 10a & 11) for belts 1350 - 2100mm (54" - 84")	PST2-S	77724	39.1
-	PST Spring Tensioner* - Red (incl. 2 each items 7, 8, 9, 10b & 11 for belts 2400mm (96"))	PST2-R	77725	39.1

*Hardware Included Lead time: 1 working day

Air/Water Tensioner Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
13	Air/Water Bag (1 ea.)	AWTB	75905	1.7
14	Mounting Base (1 ea.)	AWTMB	75906	10.4
15	Torque Arm * (1 ea.)	AWTA	75907	5.3
16	Pole Bearing Assy (for cleaners shipped after 4/2016)	AWTPBA	90000	1.0
17	Hose Kit (15M of hose and 6 hose clamps)	AWTHK	75909	3.0
-	AWT Air/Water Tensioner w/o Control Box (includes 2 each items 12, 13, 14 & 1 each item 15)	AWTNCB	76069	34.1
18	PAT Control Box 60 psi	PACB60	78683	5.0
-	PAT Kit - PAT Tensioner (includes 2 each items 12, 13, 14 & 1 each items 15 & 16)	PAK	78705	39.1

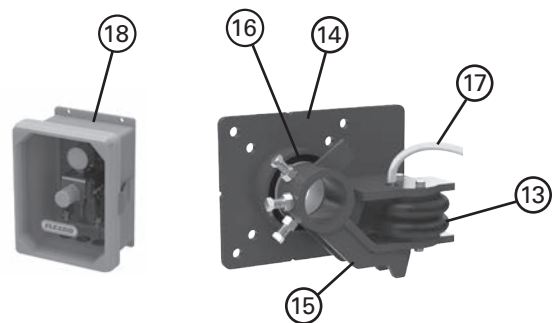
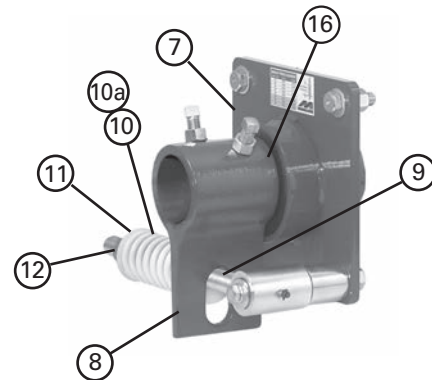
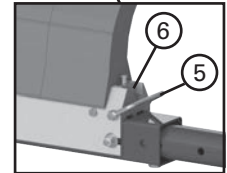
*Hardware Included Lead time: 1 working day



Blades Required per Belt Width

BELT WIDTH		BLADES REQUIRED
mm	in.	
600	24	3
750	30	4
900	36	5
1050	42	6
1200	48	7
1350	54	8
1500	60	9
1800	72	11
2100	84	13
2400	96	15

Blades and cartridges can be purchased separately (see chart at left) or preassembled as a Blade Cartridge Kit (page 58).



Product Ordering Information

MXP Extreme-Duty Precleaner

MXP Extreme-Duty Precleaner Belt Width 150mm (-6") with Spring Tensioner (XDST)

BELT WIDTH		BLADE COVERAGE		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
1050	42	900	36	MXP-642	90393	298.9
1200	48	1050	42	MXP-648	90394	217.5
1350	54	1200	48	MXP-654	90395	336.7
1500	60	1350	54	MXP-660	90396	355.2
1800	72	1650	66	MXP-672	90397	167.4
2100	84	1950	78	MXP-684	90398	432.3
2400	96	2250	90	MXP-696	90399	469.9
2700	108	2550	102	MXP-6108	90642	508.0
3000	120	2850	114	MXP-6120	90400	547.5

Lead time: 2 weeks



MXP Extreme-Duty Precleaner Belt Width 300mm (-12") with Spring Tensioner (XDST)

BELT WIDTH		BLADE COVERAGE		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
1050	42	750	30	MXP-1242	90581	288.5
1200	48	900	36	MXP-1248	90582	308.0
1350	54	1050	42	MXP-1254	90583	326.6
1500	60	1200	48	MXP-1260	90584	346.1
1800	72	1500	60	MXP-1272	90585	385.1
2100	84	1800	72	MXP-1284	90586	423.2
2400	96	2100	84	MXP-1296	90587	460.8
2700	108	2400	96	MXP-12108	90643	499.0
3000	120	2700	108	MXP-12120	90588	538.4

Lead time: 2 weeks

Replacement UltraShear™ Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
150	6	USB6	90410	9.1
300	12	USB12	90409	18.1

Lead time: 1 working day



Product Notes:

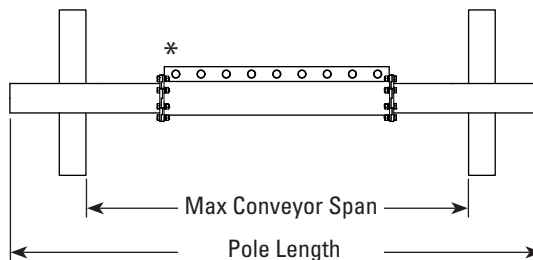
- Heavy-duty design with massive UltraShear™ blades for constant cleaning power on abusive beltlines.
- Blade width options for belt width minus 150mm (6") or belt width minus 300mm (12"). Can be adjusted to belt's material path.
- Pole Length: Belt width plus 2000mm (79").
- Tensioner: XDST Spring Tensioner
- To make cleaner installation easier and quicker, see Optional Mounting Kits (page 133).

Specifications & Guidelines

MXP
Extreme-Duty Precleaner

Pole Length Specifications*

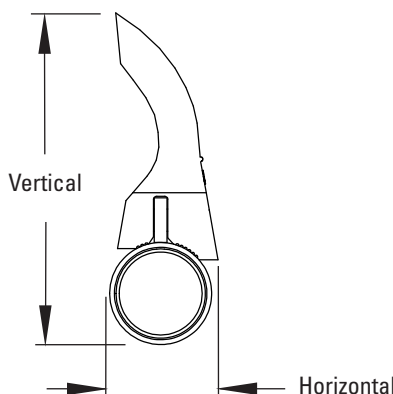
CLEANER SIZE		MAX OVERALL POLE LENGTH		CENTER POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.	mm	in.
1050	42	3050	121	1200	48	2667	105
1200	48	3200	127	1350	54	2819	111
1350	54	3350	133	1500	60	2972	117
1500	60	3500	139	1650	66	3124	123
1800	72	3800	151	1950	78	3429	135
2100	84	4100	163	2250	90	3734	147
2400	96	4400	175	2550	102	4039	159
2700	108	4700	187	2850	114	4343	171
3000	120	5000	199	3150	126	4648	183



*150mm and 300mm (6" and 12") blade segments can be configured to match material path.

Clearance Guidelines for Installation

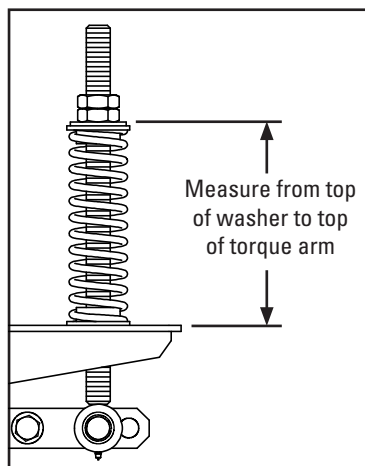
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
mm	in.	mm	in.
300	12	700	27 1/2



Spring Length Chart

BELT WIDTH		BLADE COVERAGE		NO. OF BLADES	PURPLE SPRINGS		WHITE SPRINGS		BLACK SPRINGS	
mm	in.	mm	in.		mm	in.	mm	in.	mm	in.
BELT WIDTH MINUS 150mm (6")										
1050	42	900	36	3	255	10	N/A	N/A	N/A	N/A
1200	48	1050	42	3.5	240	9 1/2	280	10 7/8	N/A	N/A
1350	54	1200	48	4	230	9	270	10 5/8	N/A	N/A
1500	60	1350	54	4.5	215	8 1/2	265	10 3/8	N/A	N/A
1800	72	1650	66	5.5	195	7 5/8	250	9 7/8	N/A	N/A
2100	84	1950	78	6.5	170	6 3/4	240	9 3/8	270	10 3/4
2400	96	2250	90	7.5	145	5 3/4	225	8 7/8	265	10 3/8
2700	108	2550	102	8.5	N/A	N/A	210	8 3/8	255	10 1/8
3000	120	2850	114	9.5	N/A	N/A	200	7 7/8	250	9 3/4
BELT WIDTH MINUS 300mm (12")										
1050	42	750	30	2.5	265	10 3/8	N/A	N/A	N/A	N/A
1200	48	900	36	3	255	10	285	11 1/4	N/A	N/A
1350	54	1050	42	3.5	240	9 1/2	280	10 7/8	N/A	N/A
1500	60	1200	48	4	230	9	270	10 5/8	N/A	N/A
1800	72	1500	60	5	205	8 1/8	260	10 1/8	N/A	N/A
2100	84	1800	72	6	180	7 1/8	245	9 5/8	N/A	N/A
2400	96	2100	84	7	160	6 1/4	230	9 1/8	270	10 1/2
2700	108	2400	96	8	N/A	N/A	220	8 5/8	260	10 1/4
3000	120	2700	108	9	N/A	N/A	205	8 1/8	250	9 7/8

Shading indicates preferred spring option.



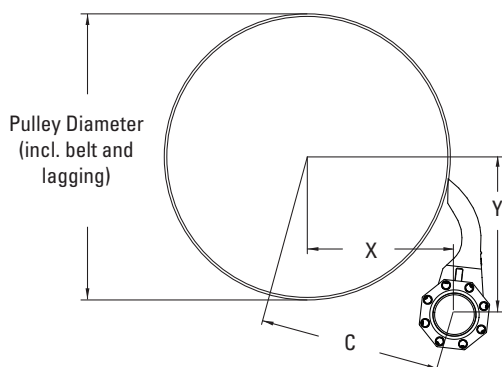
Specifications:

- Maximum Belt Speed 10 m/s (2000 FPM)
- Temperature Rating -35°C to 135°C (-30°F to 275°F)
- Minimum Pulley Diameter 1200mm (48")
- Blade Height 490mm (19-3/8")
- Usable Blade Wear Length 290mm (11-1/2")
- Blade Material..... Polyurethane 93 durometer
(proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths..... 1050 to 3000mm (42" to 120"). Other sizes available upon request.
- CEMA Cleaner Rating..... Class 5

Specifications & Guidelines

MXP
Extreme-Duty Precleaner

Pole Location Specs



METRIC

X & Y Chart for Pole Location

Pulley Diameter (including belt and lagging)	X	Y	C
1225	520	665	845
1250	535	670	855
1275	545	670	865
1300	560	675	875
1325	570	675	885
1350	585	675	895
1375	595	680	905
1400	610	680	915
1425	620	685	925
1450	635	685	935
1475	645	690	945
1500	660	690	955
1525	670	695	965
1550	685	695	975
1575	695	695	985
1600	710	700	995
1625	720	700	1005
1650	735	705	1015
1675	745	705	1025
1700	760	710	1040
1725	770	710	1050
1750	785	710	1060
1775	795	715	1070
1800	810	715	1080
1825	820	720	1090

X & Y Chart for Pole Location (cont.)

Pulley Diameter (including belt and lagging)	X	Y	C
1850	835	720	1100
1875	845	725	1115
1900	860	725	1125
1925	870	730	1135
1950	885	730	1145
1975	895	730	1155
2000	910	735	1170
2025	920	735	1180
2050	935	740	1190
2075	945	740	1200
2100	960	745	1215
2125	970	745	1225
2150	985	750	1235
2175	995	750	1245
2200	1010	750	1260
2225	1020	755	1270
2250	1035	755	1280
2275	1045	760	1290
2300	1060	760	1305
2325	1070	765	1315
2350	1085	765	1325
2375	1095	770	1340
2400	1110	770	1350
2425	1120	770	1360

IMPERIAL

X & Y Chart for Pole Location

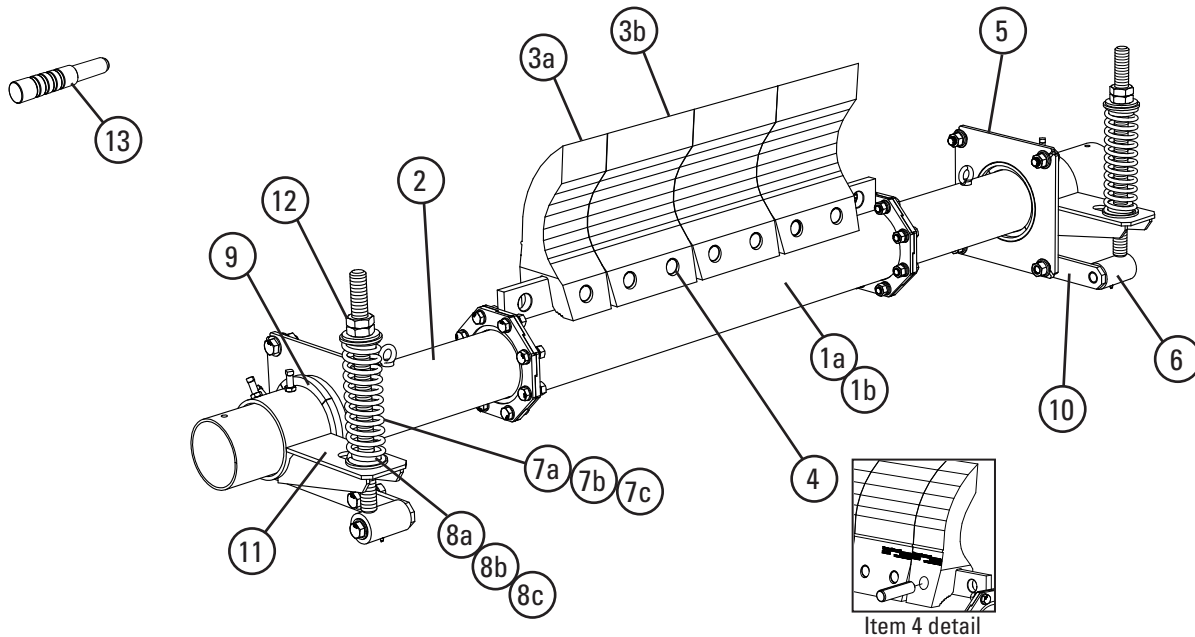
Pulley Diameter (including belt and lagging)	X	Y	C
48	20 1/2	26 1/4	33 1/4
49	21	26 3/8	33 5/8
50	21 1/2	26 3/8	34
51	22	26 1/2	34 3/8
52	22 1/2	26 5/8	34 3/4
53	23	26 5/8	35 1/8
54	23 1/2	26 3/4	35 5/8
55	24	26 7/8	36
56	24 1/2	26 7/8	36 3/8
57	24 7/8	27	36 3/4
58	25 3/8	27 1/8	37 1/8
59	25 7/8	27 1/8	37 1/2
60	26 3/8	27 1/4	38
61	26 7/8	27 3/8	38 3/8
62	27 3/8	27 1/2	38 3/4
63	27 7/8	27 1/2	39 1/8
64	28 3/8	27 5/8	39 5/8
65	28 7/8	27 3/4	40
66	29 3/8	27 3/4	40 3/8
67	29 7/8	27 7/8	40 7/8
68	30 3/8	28	41 1/4
69	30 7/8	28	41 3/4
70	31 3/8	28 1/8	42 1/8
71	31 7/8	28 1/4	42 1/2
72	32 3/8	28 1/4	43

X & Y Chart for Pole Location (cont.)

Pulley Diameter (including belt and lagging)	X	Y	C
73	32 3/4	28 3/8	43 3/8
74	33 1/4	28 1/2	43 7/8
75	33 3/4	28 5/8	44 1/4
76	34 1/4	28 5/8	44 3/4
77	34 3/4	28 3/4	45 1/8
78	35 1/4	28 7/8	45 1/2
79	35 3/4	28 7/8	46
80	36 1/4	29	46 3/8
81	36 3/4	29 1/8	46 7/8
82	37 1/4	29 1/8	47 1/4
83	37 3/4	29 1/4	47 3/4
84	38 1/4	29 3/8	48 1/4
85	38 3/4	29 1/2	48 5/8
86	39 1/4	29 1/2	49 1/8
87	39 3/4	29 5/8	49 1/2
88	40 1/4	29 3/4	50
89	40 3/4	29 3/4	50 3/8
90	41 1/8	29 7/8	50 7/8
91	41 5/8	30	51 3/8
92	42 1/8	30	51 3/4
93	42 5/8	30 1/8	52 1/4
94	43 1/8	30 1/4	52 5/8
95	43 5/8	30 1/4	53 1/8
96	44 1/8	30 3/8	53 5/8

Replacement Parts List

MXP
Extreme-Duty Precleaner



Replacement Poles

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1a	1050mm (42") Center Pole BW-6	MXPP-642	90589	80.3
	1200mm (48") Center Pole BW-6	MXPP-648	90590	89.8
	1350mm (54") Center Pole BW-6	MXPP-654	90591	98.9
	1500mm (60") Center Pole BW-6	MXPP-660	90592	108.4
	1800mm (72") Center Pole BW-6	MXPP-672	90593	127.0
	2100mm (84") Center Pole BW-6	MXPP-684	90594	145.1
	2400mm (96") Center Pole BW-6	MXPP-696	90595	172.8
	2700mm (108") Center Pole BW-6	MXPP-6108	90644	182.3
	3000mm (120") Center Pole BW-6	MXPP-6120	90596	200.9
1b	1050mm (42") Center Pole BW-12	MXPP-1242	90622	80.7
	1200mm (48") Center Pole BW-12	MXPP-1248	90623	89.8
	1350mm (54") Center Pole BW-12	MXPP-1254	90624	99.3
	1500mm (60") Center Pole BW-12	MXPP-1260	90625	108.4
	1800mm (72") Center Pole BW-12	MXPP-1272	90626	127.0
	2100mm (84") Center Pole BW-12	MXPP-1284	90627	145.6
	2400mm (96") Center Pole BW-12	MXPP-1296	90628	164.2
	2700mm (108") Center Pole BW-12	MXPP-12108	90645	181.9
	3000mm (120") Center Pole BW-12	MXPP-12120	90629	200.5
2	Extreme Duty Pole Ends* (pair)	MXPPE	90598	60.3

*Hardware Included

Lead Time: 2 weeks

Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	90612 XDST-P	90611 XDST-W	90613 XDST-B
UltraShear 1050 - 1500mm (42" - 60")	X		
UltraShear 1800 - 2700mm (72" - 108")		X	
UltraShear 3000mm (120")			X

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
3a	UltraShear Blade 6" (150mm)	USB6	90410	9.1
3b	UltraShear Blade 12" (300mm)	USB12	90409	18.1
4	UltraShear Blade Pin (1 ea.)	USBP	90411	0.5
5	XDST Mounting Plate Kit* (2 ea.)	XDSTMPK	90599	29.0
6	XDST Pivot Arm Kit* (1 ea.)	XDSTPAK	90600	9.1
7a	XDST Tension Spring - Purple (1 ea.) for blades 1050 - 1500mm (42" - 60")	XDSTS-P	90602	4.5
7b	XDST Tension Spring - White (1 ea.) for blades 1800 - 2700mm (72" - 108")	XDSTS-W	90601	5.9
7c	XDST Tension Spring - Black (1 ea.) for blades 3000mm (120")	XDSTS-B	90603	7.7
8a	XDST Bushing Kit - Purple (2 ea.)	XDSTBK-P	90605	0.2
8b	XDST Bushing Kit - White (2 ea.)	XDSTBK-W	90604	0.2
8c	XDST Bushing Kit - Black (2 ea.)	XDSTBK-B	90606	0.2
9	MXP Pole Bearing Kit (8 segments) Replacements for both tensioners	MXPPBK	90607	1.1
10	XDST Pivot Shaft Bracket* (1 ea.)	XDSTPSBK	90608	6.8
11	XDST Torque Arm Kit* (1 ea.)	XDSTTAK	90609	6.8
12	XDST Jam Nut Kit (2 nuts, 1 washer)	XDSTJNK	90610	0.5
13	USB Blade Pin Removal Tool	USBBRP	90412	4.1
-	XDST Spring Tensioner* - Purple (incl. 1 ea. items 5, 9; 2 ea. items 6,7a,8a,10,11,12) for blades 1050 - 1500mm (42" - 60")	XDST-P	90612	93.4
-	XDST Spring Tensioner* - White (incl. 1 ea. items 5, 9; 2 ea. items 6,7b,8b,10,11,12) for blades 1800 - 2700mm (72" - 108")	XDST-W	90611	96.2
-	XDST Spring Tensioner* - Black (incl. 1 ea. items 5, 9; 2 ea. items 6,7c,8c,10,11,12) for blades 3000mm (120")	XDST-B	90613	99.8

*Hardware Included

Lead Time: 1 working day

Product Ordering Information

HV2 Segmented Blade Precleaner

HV2 Precleaners with V-Tips

BELT WIDTH		V-TIP SIZE	ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.				
450	18	SS	HV2-18SS	79323	45.1
450	18	S	HV2-18S	79324	45.8
450	18	M	HV2-18M	79325	46.1
600	24	SS	HV2-24SS	79326	51.1
600	24	S	HV2-24S	79327	52.0
600	24	M	HV2-24M	79328	52.6
750	30	SS	HV2-30SS	79329	57.0
750	30	S	HV2-30S	79330	58.2
750	30	M	HV2-30M	79331	59.0
900	36	SS	HV2-36SS	79332	62.9
900	36	S	HV2-36S	79333	64.5
900	36	M	HV2-36M	79334	65.4
900	36	L	HV2-36L	79335	65.9
1050	42	SS	HV2-42SS	79336	68.9
1050	42	S	HV2-42S	79337	70.8
1050	42	M	HV2-42M	79338	71.8
1050	42	L	HV2-42L	79339	72.4
1050	42	LL	HV2-42LL	79340	74.3
1200	48	SS	HV2-48SS	79341	74.8
1200	48	S	HV2-48S	79342	77.0
1200	48	M	HV2-48M	79343	78.2
1200	48	L	HV2-48L	79344	78.9
1200	48	LL	HV2-48LL	79345	81.1
1350	54	S	HV2-54S	79346	83.2
1350	54	M	HV2-54M	79347	84.7
1350	54	L	HV2-54L	79348	85.4
1350	54	LL	HV2-54LL	79349	88.0
1500	60	S	HV2-60S	79350	89.5
1500	60	M	HV2-60M	79351	91.1
1500	60	L	HV2-60L	79352	91.9
1500	60	LL	HV2-60LL	79353	94.8
1800	72	S	HV2-72S	79354	98.1
1800	72	M	HV2-72M	79355	99.9
1800	72	L	HV2-72L	79356	100.8
1800	72	LL	HV2-72LL	79357	104.0

*NOTE: HV2 Tips must be used only on vulcanized belts.
HV2 Suspension Arm size is determined by head pulley diameter - see chart.
Additional sizes available upon request.
Lead time: 1 working day



HV2 Precleaner
• 73mm (2-7/8") diameter pole.

Replacement HV2-Tips

ORDERING NUMBER	ITEM CODE	WT. KG.
HV2T-S/S	79367	0.3
HV2PT	79368	0.4

Lead time: 1 working day

Replacement HV2 Suspension Arms

SIZE	ORDERING NUMBER	ITEM CODE	WT. KG.
SS	H2SA6SS	79369	1.1
S	H2SA6S	79370	1.5
M	H2SA6M	79371	1.6
L	H2SA6L	79372	1.7
LL	H2SA6LL	79373	2.0

Lead time: 1 working day

HV2 Suspension Arm Size

HEAD PULLEY DIAMETER + BELT & LAGGING		HV2 ARM SIZE
mm	in.	
250-475	10 - 19	SS
500-775	20 - 31	S
800-975	32 - 39	M
1000-1175	40 - 47	L
1200-1675	48 - 67	LL

Tips Required per Cleaner Size

mm	450	600	750	900	1050	1200	1350	1500	1800
in.	18	24	30	36	42	48	54	60	72
HV2-Tips Required	2	3	4	5	6	7	8	9	11

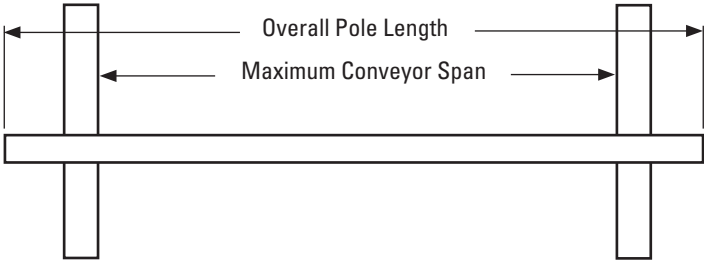
Specifications
& Guidelines

HV2
Segmented Blade Precleaner

Pole Length Specifications*

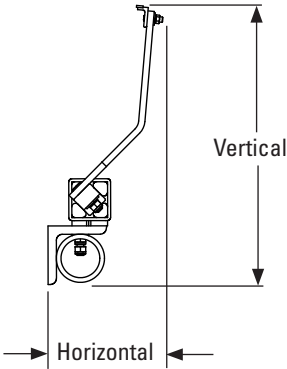
Cleaner Size		Pole Length		Maximum Conveyor Span	
mm	in.	mm	in.	mm	in.
450	18	1650	66	1400	56
600	24	1800	72	1550	62
750	30	1950	78	1700	68
900	36	2100	84	1850	74
1050	42	2250	90	2000	80
1200	48	2400	96	2150	86
1350	54	2550	102	2300	92
1500	60	2700	108	2450	98
1800	72	3000	120	2750	110

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 750mm (30') of extended pole length.
Pole Diameter - 73mm (2-7/8") (page 133)



Clearance Guidelines for Installation

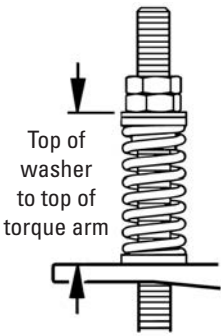
Suspension Arm Size	Horizontal Clearance Required		Vertical Clearance Required	
	mm	in.	mm	in.
SS	210	8-1/4	320	12-5/8
S	210	8-1/4	390	15-3/8
M	210	8-1/4	416	16-5/8
L	210	8-1/4	445	17-1/2
LL	210	8-1/4	511	20-1/8



HV2 Spring Length Chart
(for optimal blade tensioning)

Belt Width		Tips	Spring Length									
			SS		S		M		L		LL	
mm	in		mm	in	mm	in	mm	in	mm	in	mm	in
450	18"	2	133	5 1/4"	124	4 7/8"	121	4 3/4"	114	4 1/2"	N/A	N/A
600	24"	3	114	4 1/2"	105	4 1/8"	146	5 3/4"	146	5 3/4"	N/A	N/A
750	30"	4	114	4 1/2"	105	4 1/8"	146	5 3/4"	146	5 3/4"	N/A	N/A
900	36"	5	146	5 3/4"	143	5 5/8"	140	5 1/2"	137	5 3/8"	N/A	N/A
1050	42"	6	143	5 5/8"	137	5 3/8"	133	5 1/4"	130	5 1/8"	121	4 3/4"
1200	48"	7	143	5 5/8"	137	5 3/8"	133	5 1/4"	130	5 1/8"	121	4 3/4"
1350	54"	8	N/A	N/A	130	5 1/8"	127	5	124	4 7/8"	152	6"
1500	60"	9	N/A	N/A	124	4 7/8"	156	6 1/8"	152	6"	150	5 7/8"
1800	72"	11	N/A	N/A	152	6"	152	6"	150	5 7/8"	146	5 3/4"

Purple Spring Silver Spring White Spring

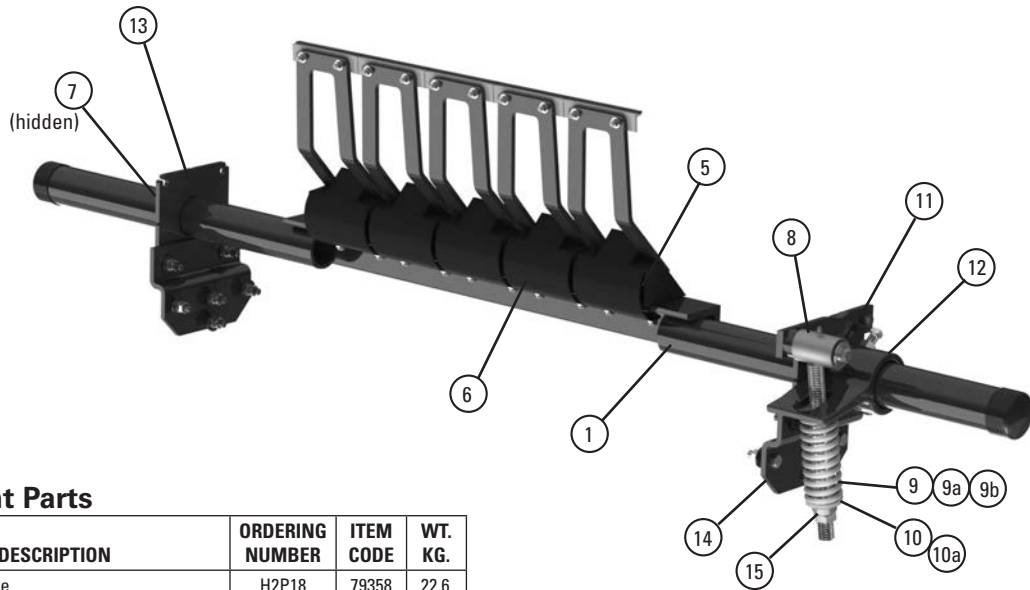


Specifications:

- Maximum Belt Speed 7.5m/s (1500 FPM)
- Temperature Rating -35°C to 82°C (-30°F to 180°F)
- Usable Blade Wear Length 9mm (3/8")
- Blade Material..... Long Life Tungsten Carbide (for vulcanized belts only)
- Available for Belt Widths..... 450mm to 1800mm (18" to 72")
Other sizes available upon request.
- CEMA Cleaner Classification Class 4

Replacement Parts List

HV2 Segmented Blade Precleaner



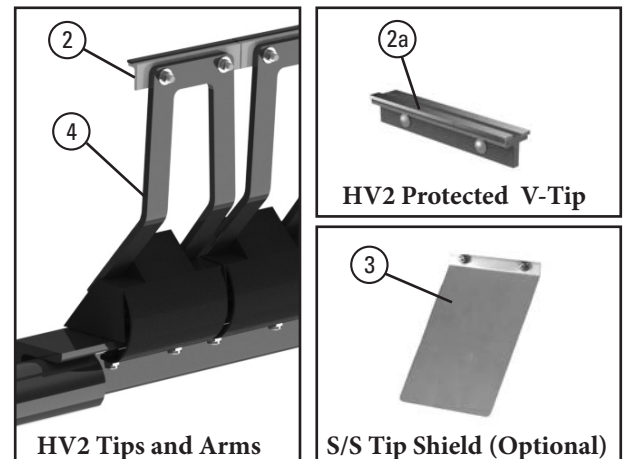
Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	450mm (18") Pole	H2P18	79358	22.6
	600mm (24") Pole	H2P24	79359	24.9
	750mm (30") Pole	H2P30	79360	27.3
	900mm (36") Pole	H2P36	79361	29.6
	1050mm (42") Pole	H2P42	79362	32.0
	1200mm (48") Pole	H2P48	79363	34.3
	1350mm (54") Pole	H2P54	79364	36.7
	1500mm (60") Pole	H2P60	79365	39.0
	1800mm (72") Pole	H2P72	79366	43.7
2	HV2 Tip (150mm/6" Tip, 1 ea.)	HV2T-S/S	79367	0.3
2a	HV2 Protected V-Tip* (150mm/6" Tip, 1 ea.) (for vulcanized belts only) (for abusive wear)	HV2PT	79368	0.4
3	HV2-S/S Tip Shield (optional)	HV2SSTS	79375	0.2
4	HV2 SS Suspension Arm*	H2SA6SS	79369	1.1
	HV2 S Suspension Arm*	H2SA6S	79370	1.5
	HV2 M Suspension Arm*	H2SA6M	79371	1.6
	HV2 L Suspension Arm*	H2SA6L	79372	1.7
	HV2 LL Suspension Arm*	H2SA6LL	79373	2.0
5	HV2 Cushion	H2RC	79374	2.0
6	HV2 Polyurethane Cushion Cover	UHVC	79453	0.2
7	Pole Lock Collar* (1 ea.)	MSPPL	75816	0.9
8	Pivot Arm Kit* (1 ea.)	QMTPAK	76096	2.0
9a	Tension Spring - Purple (1 ea.)**	QMTS-P	75845	0.3
9b	Tension Spring - White (1 ea.)**	PSTS-W	75898	0.8
9c	Tension Spring - Silver (1 ea.)**	PSTS-S	75899	1.4
10a	Bushing Kit - Purple (2 ea.) (for Item 9a)	QMTBK-P	76097	0.0
10b	Bushing Kit - White (2 ea.) (for Items 9b & 9c)	QMTBK-W	76098	0.1
11	Pivot Shaft Bracket Kit* (1 ea.)	QMTPSBK	76099	2.0
12	Torque Arm Kit* (1 ea.)	PSTA	75896	5.2
13	Mounting Plate Kit* (2 ea.)	MSPMPK	75811	3.8
14	Offset Bracket Kit* (1 ea.)	HOBK	76399	5.6
15	Jam Nut Kit QMT Tensioner	JNK-C	79893	0.1
-	QMT Spring Tensioner* - Purple (incl. 1 ea. Items 9a, 10a, 11, 12, 13)	QMT-P	76074	9.3
-	QMT Spring Tensioner* - White (incl. 1 ea. Items 9b, 10b, 11, 12, 13)	QMT-W	76075	9.9
-	QMT Spring Tensioner* - Silver (incl. 1 ea. Items 9c, 10b, 11, 12, 13)	QMT-S	79039	9.2

*Hardware included

Note: All poles and tensioners are heavy-duty style.

Lead time: 1 working day



Spring Tensioner Selection Chart

HV2 Precleaner Size	76074 QMT-P	76075 QMT-W	76402 QMT-S
450mm SS,S,M; 600mm S,S; 750mm SS,S	X		
600mm M; 750mm M; 900mm SS-L;		X	
1050mm SS-L; 4120mm SS-LL; 1350mm S-L;			
1500mm S; 1800mm S			
1350mm LL; 1500mm M-LL; 1800mm M-LL			X

Tips Required per Cleaner Size

mm	450	600	750	900	1050	1200	1350	1500	1800
in.	18	24	30	36	42	48	54	60	72
HV2-Tips Required	2	3	4	5	6	7	8	9	11

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. KG.
mm	in.				
450	18	SS	HXF2-18SS	76138	14.5
450	18	S	HXF2-18S	76289	44.0
450	18	M	HXF2-18M	76290	44.4
600	24	SS	HXF2-24SS	76139	49.9
600	24	S	HXF2-24S	76291	50.4
600	24	M	HXF2-24M	76292	51.0
750	30	SS	HXF2-30SS	76140	51.6
750	30	S	HXF2-30S	76293	52.2
750	30	M	HXF2-30M	76294	52.7
900	36	SS	HXF2-36SS	76141	57.2
900	36	S	HXF2-36S	76295	58.0
900	36	M	HXF2-36M	76296	58.7
900	36	L	HXF2-36L	76297	59.2
1050	42	SS	HXF2-42SS	76142	62.9
1050	42	S	HXF2-42S	76298	63.8
1050	42	M	HXF2-42M	76299	64.7
1050	42	L	HXF2-42L	76300	65.4
1200	48	SS	HXF2-48SS	76143	64.6
1200	48	S	HXF2-48S	76301	65.5
1200	48	M	HXF2-48M	76302	66.4
1200	48	L	HXF2-48L	76303	67.1
1350	54	SS	HXF2-54SS	76144	70.2
1350	54	S	HXF2-54S	76304	71.3
1350	54	M	HXF2-54M	76305	73.3
1350	54	L	HXF2-54L	76306	74.2
1500	60	S	HXF2-60S	76145	89.0
1500	60	M	HXF2-60M	76307	90.3
1500	60	L	HXF2-60L	76308	91.2
1800	72	S	HXF2-72S	76146	98.3
1800	72	M	HXF2-72M	76309	99.8
1800	72	L	HXF2-72L	76310	100.9

*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



H-Type Precleaner with XF2-Tips

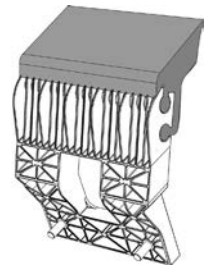
- 73mm (2-7/8") diameter pole.

Replacement XF2-Tips

SIZE	ORDERING NUMBER	ITEM CODE	WT. KG.
SS	HXF2-SS	75979	1.4
S	HXF2-S	75980	1.5
M	HXF2-M	75981	1.7
L	HXF2-L	75982	1.9

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

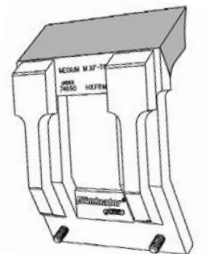
Lead time: 1 working day



Replacement XF-Tips

SIZE	ORDERING NUMBER	ITEM CODE	WT. KG.
SS	HXF8SS	74307	1.5
S	HXF8S	74689	1.7
M	HXF8M	74690	1.9
L	HXF8L	74691	2.0

Lead time: 1 working day



Tips Required per Cleaner Size

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

XF2-Tip & XF-Tip Size

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

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

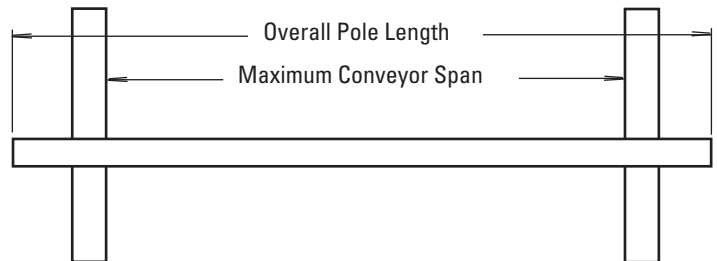
Specifications & Guidelines

H-Type with XF2-Tips Segmented Blade Precleaner

Pole Length Specifications*

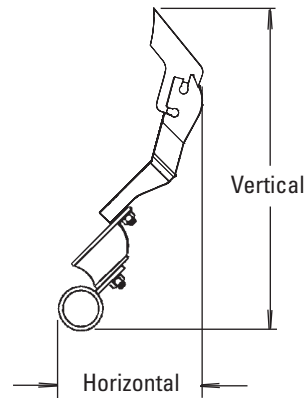
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.
450	18	1650	66	1400	56
600	24	1800	72	1550	62
750	30	1950	78	1700	68
900	36	2100	84	1850	74
1050	42	2250	90	2000	80
1200	48	2400	96	2150	86
1350	54	2550	102	2300	92
1500	60	2700	108	2450	98
1800	72	3000	120	2750	110

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 750mm (30") of extended pole length. (page 133). Pole Diameter - 73mm (2-7/8")



Clearance Guidelines for Installation

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

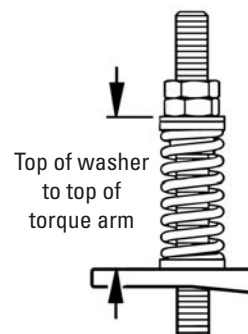


Spring Length Chart

with QMT Spring Tensioner

BELT WIDTH	TIPS	SPRING LENGTH			
		SS	S	M	L
450	2	114	102	145	N/A
600	3	142	138	137	N/A
750	3	142	138	137	N/A
900	4	142	130	5"	109
1050	5	127	120	152	152
1200	5	126	120	152	152
1350	6	120	152	149	149
1500	7	N/A	149	145"	145"
1800	8	N/A	145	142	142

Purple Spring
 White Spring
 Silver Spring



Specifications:

- Maximum Belt Speed 5m/s (1000 FPM)
- Temperature Rating -35°C to 82°C (-30°F to 180°F)
- Usable Blade Wear Length 75mm (3")
- Blade Material Polyurethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths 450mm to 1800mm (18" to 72").
Other sizes available upon request
- CEMA Cleaner Classification Class 4

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. KG.
mm	in.				
450	18	SS	HV450SS-CS	81805	43.7
		S	HV450S-CS	81806	44.0
		M	HV450M-CS	81807	44.5
600	24	SS	HV600SS-CS	81808	49.3
		S	HV600S-CS	81809	49.8
		M	HV600M-CS	81810	50.5
750	30	SS	HV750SS-CS	81811	51.0
		S	HV750S-CS	81812	51.5
		M	HV750M-CS	81813	52.2
900	36	SS	HV900SS-CS	81814	56.6
		S	HV900S-CS	81815	58.0
		M	HV900M-CS	81816	58.9
		L	HV900L-CS	81817	59.6
1050	42	SS	HV1050SS-CS	81818	62.9
		S	HV1050S-CS	81819	63.8
		M	HV1050M-CS	81820	64.9
		L	HV1050L-CS	81821	65.8
1200	48	LL	HV-42LL	76253	67.0
		SS	HV1200SS-CS	81822	64.6
		S	HV1200S-CS	81823	65.5
		M	HV1200M-CS	81824	66.6
1350	54	L	HV1200L-CS	81825	67.5
		M	HV1350M-CS	81826	72.7
		L	HV1350L-CS	81827	73.8
		LL	HV1350LL-CS	81828	75.1
1500	60	M	HV1500M-CS	81829	89.6
		L	HV1500L-CS	81830	90.9
		LL	HV1500LL-CS	81831	93.4
1600	64	M	HV1600M-CS	81832	70.0
		L	HV1600L-CS	81833	74.0
		LL	HV1600LL-CS	81834	77.0
1800	72	M	HV1800M-CS	81835	99.2
		L	HV1800L-CS	81836	101.6
		LL	HV1800LL-CS	81837	103.4

*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.



H-Type Precleaner with V-Tips

- 73mm (2-7/8") diameter pole.

Replacement V-Tips

ORDERING NUMBER	ITEM CODE	WT. KG.
HVT8-S/S	75419	0.5

Replacement Suspension Arms

SIZE	ORDERING NUMBER	ITEM CODE	WT. KG.
SS	HSA8SS	73047	0.9
S	HSA8S	73048	1.1
M	HSA8M	73049	1.3
L	HSA8L	73063	1.5
LL	HSA8LL	73064	1.7

Tips Required per Cleaner Size

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

Suspension Arm Size

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

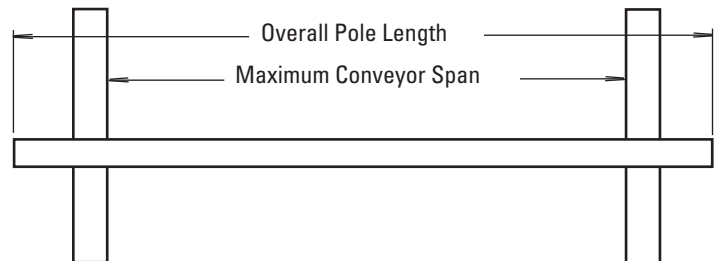
Specifications & Guidelines

H-Type with V-Tips Segmented Blade Precleaner

Pole Length Specifications*

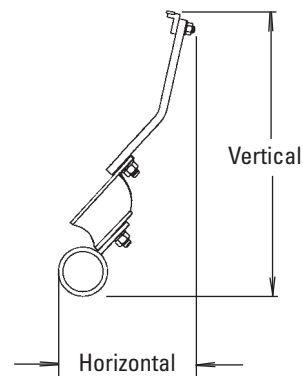
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.
450	18	1650	66	1400	56
600	24	1800	72	1550	62
750	30	1950	78	1700	68
900	36	2100	84	1850	74
1050	42	2250	90	2000	80
1200	48	2400	96	2150	86
1350	54	2550	102	2300	92
1500	60	2700	108	2450	98
1800	72	3000	120	2750	110

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 750mm (30") of extended pole length. (page 133). Pole Diameter - 73mm (2-7/8")



Clearance Guidelines for Installation

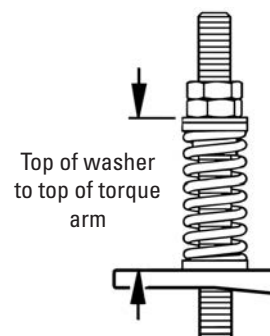
SUSPENSION ARM SIZE	HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	mm	in.	mm	in.
SS	175	7	325	13
S	175	7	375	15
M	175	7	413	16 1/2
L	175	7	463	18 1/2
LL	175	7	550	22



Spring Length Chart with QMT Spring Tensioner

BELT WIDTH	TIPS	SPRING LENGTH				
		SS	S	M	L	LL
450	2	131mm	122mm	119mm	113mm	N/A
600	3	113mm	103mm	144mm	144mm	N/A
750	3	112.5mm	103mm	144mm	144mm	N/A
900	4	144mm	141mm	138mm	134mm	N/A
1050	5	141mm	134mm	131mm	128mm	119mm
1200	5	141mm	134mm	131mm	128mm	119mm
1350	6	N/A	128mm	125mm	122mm	150mm
1500	7	N/A	122mm	153mm	150mm	147mm
1800	8	N/A	150mm	150mm	147mm	144mm

Purple Spring
 White Spring
 Silver Spring



Specifications:

- Maximum Belt Speed 5m/s (1000 FPM)
- Temperature Rating -35°C to 82°C (-30°F to 180°F)
- Usable Blade Wear Length 9mm (3/8")
- Blade Material Long Life Tungsten Carbide
(for vulcanized belts only)
- Available for Belt Widths 450mm to 1800mm (18" to 72")
Other sizes available upon request.
- CEMA Cleaner Classification Class 4

Product Ordering Information

H-Type with Protected V-Tips Segmented Blade Precleaner

H-Type® with Protected V-Tips*

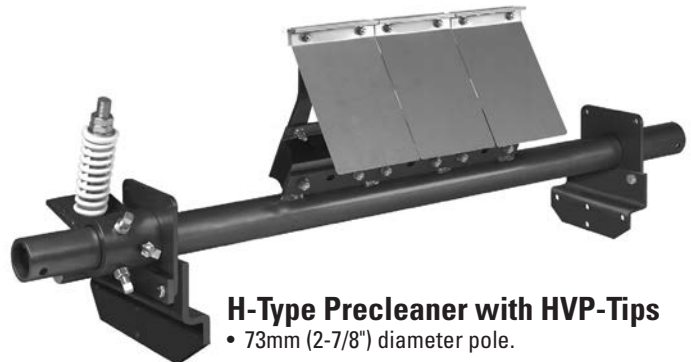
For abusive applications where materials being cleaned off the belt wear the back sides of the cleaner's V-Tips.

BELT WIDTH		SUSPENSION ARM SIZE	ORDERING NUMBER	ITEM CODE	WT. KG.	PRICE
mm	in.					
450	18	S	HVP-18S	76124	45.0	\$ 2,263.19
		M	HVP-18M	76267	45.4	2,263.19
		L	HVP-18L	76268	45.8	2,263.19
600	24	S	HVP-24S	76125	51.2	2,874.66
		M	HVP-24M	76269	51.8	2,874.66
		L	HVP-24L	76270	52.4	2,874.66
750	30	S	HVP-30S	76126	52.9	3,054.59
		M	HVP-30M	76271	53.6	3,054.59
		L	HVP-30L	76272	54.1	3,054.59
900	36	S	HVP-36S	76127	59.1	3,546.58
		M	HVP-36M	76273	60.7	3,546.58
		L	HVP-36L	76274	61.4	3,546.58
1050	42	S	HVP-42S	76128	66.0	4,062.47
		M	HVP-42M	76275	67.2	4,062.47
		L	HVP-42L	76276	68.1	4,062.47
1200	48	S	HVP-48S	76129	67.8	4,222.74
		M	HVP-48M	76277	68.9	4,222.74
		L	HVP-48L	76278	69.8	4,222.74
		LL	HVP-48LL	76279	70.9	4,222.74
1350	54	S	HVP-54S	76130	74.0	4,863.73
		M	HVP-54M	76280	75.4	4,863.73
		L	HVP-54L	76281	76.5	4,863.73
		LL	HVP-54LL	76282	77.8	4,863.73
1500	60	S	HVP-60S	76131	91.2	5,572.22
		M	HVP-60M	76283	92.8	5,572.22
		L	HVP-60L	76284	94.1	5,572.22
		LL	HVP-60LL	76285	96.6	5,572.22
1800	72	S	HVP-72S	76132	101.0	6,370.65
		M	HVP-72M	76286	102.8	6,370.65
		L	HVP-72L	76287	105.2	6,370.65
		LL	HVP-72LL	76288	107.0	6,370.65

*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

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



H-Type Precleaner with HVP-Tips
• 73mm (2-7/8") diameter pole.

Replacement Protected V-Tips

ORDERING NUMBER	ITEM CODE	WT. KG.
HVPT	73631	1.2

Replacement Suspension Arms

SIZE	ORDERING NUMBER	ITEM CODE	WT. KG.
SS	HSA8SS	73047	0.9
S	HSA8S	73048	1.1
M	HSA8M	73049	1.3
L	HSA8L	73063	1.5
LL	HSA8LL	73064	1.7

Suspension Arm Size

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

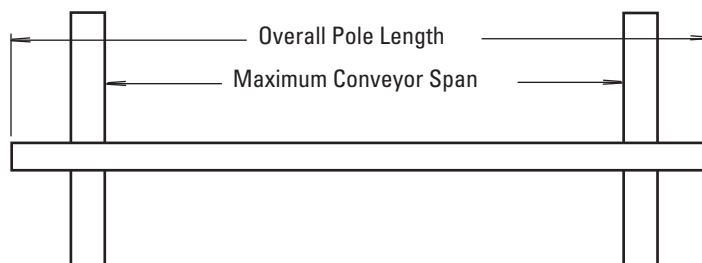
Specifications & Guidelines

H-Type with Protected V-Tips Segmented Blade Precleaner

Pole Length Specifications*

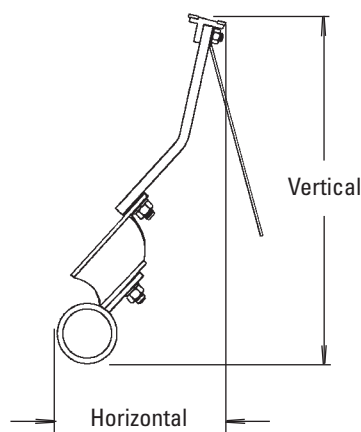
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.
450	18	1650	66	1400	56
600	24	1800	72	1550	62
750	30	1950	78	1700	68
900	36	2100	84	1850	74
1050	42	2250	90	2000	80
1200	48	2400	96	2150	86
1350	54	2550	102	2300	92
1500	60	2700	108	2450	98
1800	72	3000	120	2750	110

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 750mm (30") of extended pole length. (page 133). Pole Diameter - 73mm (2-7/8")



Clearance Guidelines For Installation

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

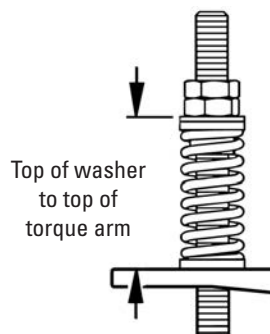


Spring Length Chart

with QMT Spring Tensioner

BELT WIDTH	TIPS	SPRING LENGTH				
		SS	S	M	L	LL
450	2	135	124	120	114	N/A
600	3	114	124	145	145	N/A
750	3	114	124	145	145	N/A
900	4	145	144	138	137	N/A
1050	5	144	137	135	130	120
1200	5	144	137	135	130	120
1350	6	N/A	130	5	124	152
1500	7	N/A	124	156	152	149
1800	8	N/A	152	152	149	145

Purple Spring
 White Spring
 Silver Spring

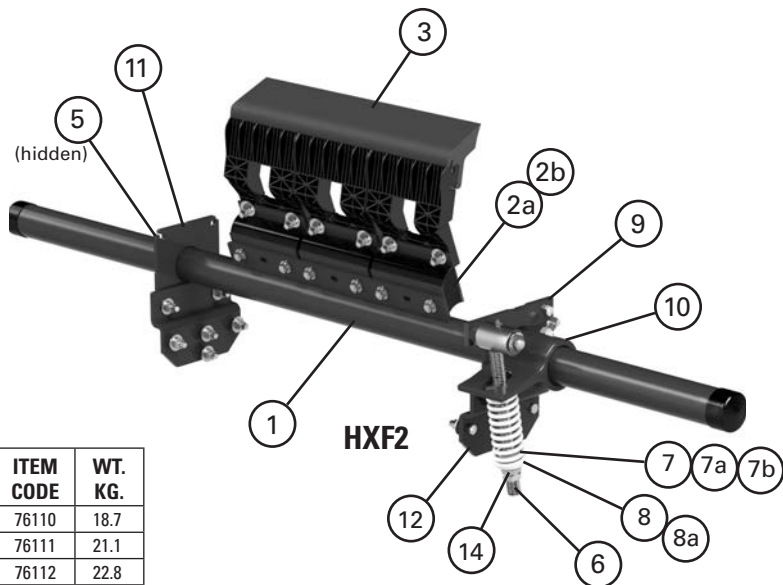


Specifications:

- Maximum Belt Speed 5m/s (1000 FPM)
- Temperature Rating -35°C to 82°C (-30°F to 180°F)
- Usable Blade Wear Length 9mm (3/8")
- Blade Material Long Life Tungsten Carbide
(for vulcanized belts only)
- Available for Belt Widths 450mm to 1800mm (18" to 72").
Other sizes available upon request.
- CEMA Cleaner Classification Class 4

Replacement Parts List

H-Type Segmented Blade Precleaners



Replacement Parts

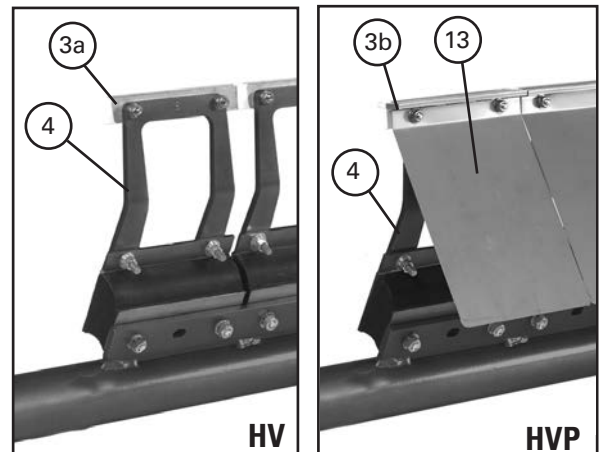
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	450mm (18") Pole	H78P18	76110	18.7
	600mm (24") Pole	H78P24	76111	21.1
	750mm (30") Pole	H78P30	76112	22.8
	900mm (36") Pole	H78P36	76113	25.3
	1050mm (42") Pole	H78P42	76114	27.7
	1200mm (48") Pole	H78P48	76115	29.4
	1350mm (54") Pole	H78P54	76116	31.9
	1500mm (60") Pole	H78P60	76117	45.3
	1800mm (72") Pole	H78P72	76118	51.3
2a	H2 XF-Tip Cushion* (for S, M, L HXF2-Tips; or S - LL Susp. Arms)	HXFC2	75902	1.8
2b	H2 F-Tip Cushion* (for SS HXF2 Tips; or SS Susp. Arms)	HFC2	75901	1.8
3	HXF2-Tip Extra Small*	HXF2-SS	75979	1.8
	HXF2-Tip Small*	HXF2-S	75980	1.8
	HXF2-Tip Medium*	HXF2-M	75981	1.4
	HXF2-Tip Large*	HXF2-L	75982	1.5
3a	H V-Tip* (1 ea.)	HVT8-S/S	75419	1.7
3b	H Protected V-Tip* (1 ea.) (for vulcanized belts only) (for abusive wear)	HVPT	73631	1.9
4	H SS Suspension Arm*	HSA8SS	73047	0.5
	H S Suspension Arm*	HSA8S	73048	1.2
	H M Suspension Arm*	HSA8M	73049	0.2
	H L Suspension Arm*	HSA8L	73063	0.5
	H LL Suspension Arm*	HSA8LL	73064	0.7
5	Pole Lock Collar* (1 ea.)	MSPPL	75816	0.9
6	Pivot Arm Kit* (1 ea.)	QMTPAK	76096	1.1
7	Tension Spring - Purple (1 ea.)**	QMTS-P	75845	0.9
7a	Tension Spring - White (1 ea.)**	PSTS-W	75898	2.0
7b	Tension Spring - Silver (1 ea.)**	PSTS-S	75899	0.3
8	Bushing Kit - Purple (2 ea.) (for Item 7)	QMTBK-P	76097	0.8
8a	Bushing Kit - White (2 ea.) (for Items 7a & 7b)	QMTBK-W	76098	1.4
9	Pivot Shaft Bracket Kit* (1 ea.)	QMTPSBK	76099	0.0
10	Torque Arm Kit* (1 ea.)	PSTA	75896	0.1
11	Mounting Plate Kit* (2 ea.)	MSPMPK	75811	2.0
12	Offset Bracket Kit* (1 ea.)	HOBK	76399	5.2
13	H SS Tip Shield	HSSTS	74771	3.8
14	Jam Nut Kit QMT Tensioner	JNK-C	79893	5.6
-	H SS Cushion Shield	HSSCS	74772	0.3
-	QMT Spring Tensioner* - Purple (incl. 1 ea. Items 6, 7, 8, 9, & 10)	QMT-P	76074	9.3
-	QMT Spring Tensioner* - White (incl. 1 ea. Items 6, 7a, 8a, 9, & 10)	QMT-W	76075	9.9
-	QMT Spring Tensioner* - Silver (incl. 1 ea. Items 6, 7b, 8a, 9, & 10)	QMT-S	79039	9.2

*Hardware included

Note: All poles and tensioners are heavy-duty style.

Parts for old style H cleaners - See page 141

Lead time: 1 working day



Spring Tensioner Selection Chart

CLEANER TYPE AND SIZE	76074 QMT-P	76075 QMT-W	79039 QMT-S
HXF2			
450mm SS & S	X		
450mm M; 600mm-900mm; 1050mm-1200mm SS & S; 1350mm SS		X	
1050mm-1200mm M & L; 1350mm-1800mm S, M, L			X
HV			
450mm SS, S, M; 600mm-750mm SS & S	X		
600mm-750mm M; 900mm-1200mm, 1350mm S, M, L; 1500mm S		X	
1350mm LL; 1500mm M, L, LL; 1800mm			X
HVP			
450mm S, M; 600mm-750mm S	X		
600mm-750mm M; 900mm-1200mm; 1350mm S, M, L; 1500mm S		X	
1350mm LL; 1500mm M, L, LL; 1800mm			X

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. KG.
mm	in.				
450	18	SS	HTV18SS	74821	29.0
450	18	S	HTV18S	74828	29.5
600	24	SS	HTV24SS	74822	32.5
600	24	S	HTV24S	74829	32.9
750	30	SS	HTV30SS	74823	35.4
750	30	S	HTV30S	74830	36.3
900	36	SS	HTV36SS	74824	39.9
900	36	S	HTV36S	74831	40.8
900	36	M	HTV36M	74838	41.7
1050	42	SS	HTV42SS	74825	49.0
1050	42	S	HTV42S	74832	49.9
1050	42	M	HTV42M	74839	50.8
1200	48	SS	HTV48SS	74826	53.1
1200	48	S	HTV48S	74833	54.4
1200	48	M	HTV48M	74840	55.3

Suspension arm size is determined by head pulley diameter - see chart.

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

Lead time: 1 working day

Replacement Suspension Arms

SUSPENSION ARM SIZE	ORDERING NUMBER	ITEM CODE	WT. KG.
SS	HSA8SS	73047	0.2
S	HSA8S	73048	0.5
M	HSA8M	73049	0.7

Lead time: 1 working day

Replacement V-Tips

ORDERING NUMBER	ITEM CODE	WT. KG.
HVT8-S/S	75419	0.5

Lead time: 1 working day

Replacement Spring

ORDERING NUMBER	ITEM CODE	WT. KG.
HTTS-HT	79068	0.5

Lead time: 1 working day

Tips Required per Cleaner Size

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

Suspension Arm Size

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

Product Notes:

- The High Temp Precleaner works in ambient temperatures up to 204°C (400°F) with spikes to 232°C (450°F)
- 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 (page 141).
- Compatible with reversing belts.

Product Ordering Information

EZS2

Standard Duty Secondary Cleaner

EZS2 Secondary

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	EZS2-18	75643	32.2
600	24	EZS2-24	75644	34.4
750	30	EZS2-30	75645	36.2
900	36	EZS2-36	75646	38.8
1050	42	EZS2-42	75647	40.6
1200	48	EZS2-48	75648	42.7
1350	54	EZS2-54	75649	44.9
1500	60	EZS2-60	75650	61.8
1800	72	EZS2-72	75651	68.9

Lead time: 1 working day



Replacement C-Tips

ORDERING NUMBER	ITEM CODE	WT. KG.
ICT6	74535	0.3

Lead time: 1 working day

Tips Required Per Cleaner Size

mm	450	600	750	900	1050	1200	1350	1500	1800
in.	18	24	30	36	42	48	54	60	72
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. KG.
mm	in.			
450	18	HTS18	76085	29.0
600	24	HTS24	76086	30.8
750	30	HTS30	76087	32.7
900	36	HTS36	76088	34.5
1050	42	HTS42	76089	36.3
1200	48	HTS48	76090	38.1
1350	54	HTS54	76091	39.9
1500	60	HTS60	76092	65.9
1800	72	HTS72	76093	67.8

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

Lead time: 1 working day



Replacement C-Tips

ORDERING NUMBER	ITEM CODE	WT. KG.
ICT6	74535	0.3

Lead time: 1 working day

Replacement Cushion Kit

ORDERING NUMBER	ITEM CODE	WT. KG.
HTSCK	76094	0.7

Lead time: 1 working day

Tips Required per Cleaner Size

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

Product Notes:

- The High Temp Secondary works in ambient temperatures up to 204°C (400°F) with spikes to 232°C (450°F).
- Works with mechanical fasteners.

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

Specifications & Guidelines

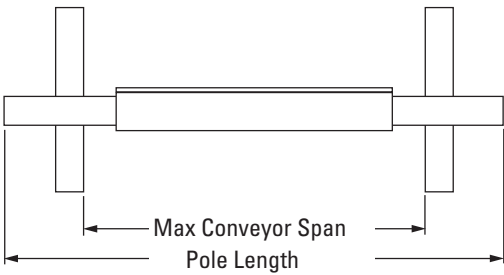
EZS2

Standard Duty Secondary Cleaner

Pole Length Specifications

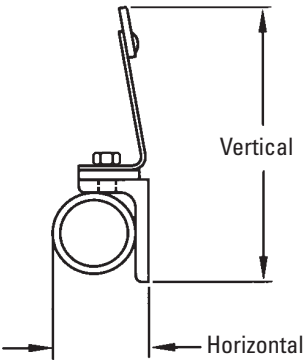
BELT WIDTH		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.	in.	mm
450	18	450	18	1300	52	47	1175
600	24	600	24	1450	58	53	1325
750	30	750	30	1600	64	59	1475
900	36	900	36	1750	70	65	1625
1050	42	1050	42	1900	76	71	1775
1200	48	1200	48	2050	82	77	1925
1350	54	1350	54	2200	88	83	2075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

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



Clearance Guidelines for Installation

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



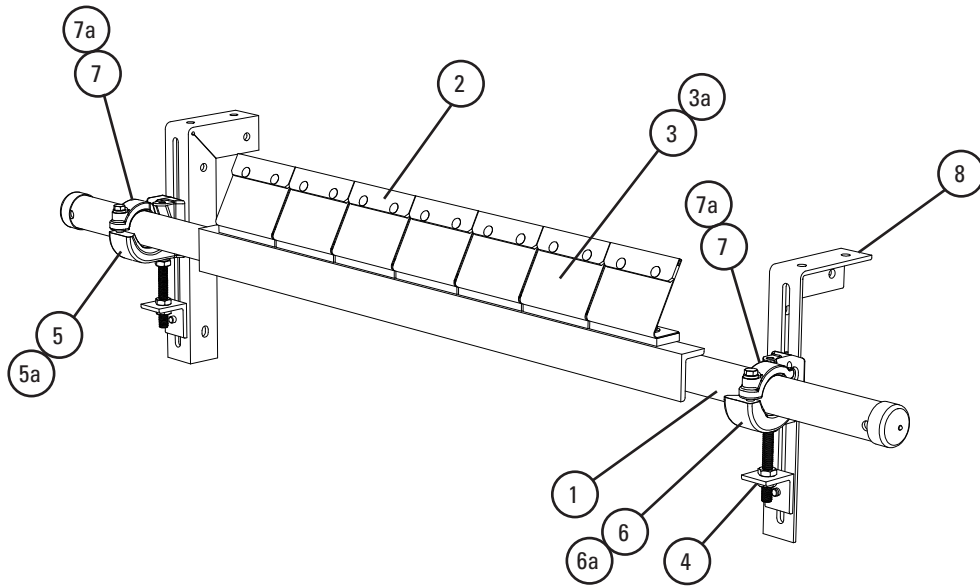
Specifications:

- Maximum Belt Speed3.5m/s (700 FPM)
- Temperature Rating (EZS2).....-35°C to 93°C (-30°F to 200°F)
- Temperature Rating (EZS2 High-Temp)Up to 204°C (400°F) with spikes to 232°C (450°F)
- Usable Blade Wear Length9mm (3/8")
- Blade Material.....Impact Resistant Tungsten Carbide
(works with mechanical fasteners)
- Available for Belt Widths.....450 to 1800mm (18" to 72")
- CEMA Cleaner ClassificationClass 3

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

Replacement Parts List

EZS2 Standard Duty Secondary Cleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	450mm (18") Pole	EZS2P18	75652	11.3
	600mm (24") Pole	EZS2P24	75653	12.7
	750mm (30") Pole	EZS2P30	75654	13.6
	900mm (36") Pole	EZS2P36	75655	15.4
	1050mm (42") Pole	EZS2P42	75656	16.3
	1200mm (48") Pole	EZS2P48	75657	17.7
	1350mm (54") Pole	EZS2P54	75658	19.1
	1500mm (60") Pole	EZS2P60	75659	34.9
	1800mm (72") Pole	EZS2P72	75660	40.4
2	C-Tip Kit* (1 ea.)	ICT6	74535	0.3
3	FormFlex™ Cushion Kit* (incl. 1 cushion & 1 pad)	FFCK	75661	0.7
3a	High Temp Replacement Cushion Kit (incl. 1 cushion & 1 pad)	HTSCK	76094	0.7
4	Adjusting Bracket Kit* (1 ea.)	PAB	75513	0.7
5	Pole Clamp Kit LEFT* (1 ea.) (incl. item 7) (for sizes 450 - 1350mm (18" - 54"))	CCKL	79224	3.1
5a	HD Pole Clamp Kit LEFT* (1 ea.) (incl. item 7a) for sizes 1500 - 1800mm (60" - 72")	CCKHDL	79225	3.9
6	Pole Clamp Kit RIGHT* (1 ea.) (incl. item 7) for sizes 450 - 1350mm (18" - 54")	CCKR	79228	3.1
6a	HD Pole Clamp Kit RIGHT* (1 ea.) (incl. item 7a) for sizes 1500 - 1800mm (60" - 72")	CCKHDR	79229	3.9
7	Cradle Clamp Top Strap (1 ea.) for use on L or R Pole Clamp Kit	CCKTS	79232	0.5
7a	HD Cradle Clamp Top Strap (1 ea.) for use on L or R HD Pole Clamp Kit	CCKHDTs	79233	0.8
8	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	5.9
—	Cradle Clamp Mounting Kit* for sizes 450 - 1350mm (18" - 54") (incl. 2 ea. Items 4 and 1 ea. Items 5, 6 & 8)	CCMK	78919	15.0
—	HD Cradle Clamp Mounting Kit* for sizes 1500 - 1800mm (60" - 72") (incl. 2 ea. Items 4 and 1 ea. Items 5a, 6a & 8)	CCMKHD	78920	16.6

*Hardware Included Lead time: 1 working day

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

Mounting Kit Selection Chart

Cleaner Width	78919 CCMK	78920 CCMKHD
EZS2 450 - 1350mm (18" - 54")	X	
EZS2 1500 - 1800mm (60" - 72")		X

Cleaner Tips and Cushions Required Per Cleaner Size

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

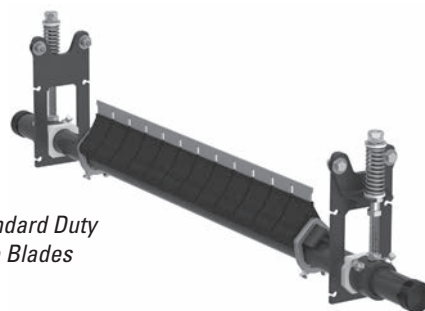
Product Ordering Information

Y-Type™ Standard Duty Secondary Cleaner with Carbide or Polyurethane Blades and YST Tensioner

Y-Type™ Standard Duty with Carbide Blades

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	YT-TC-450S	83241	24.9
600	24	YT-TC-600S	83242	27.2
750	30	YT-TC-750S	83243	29.5
900	36	YT-TC-900S	83244	31.8
1050	42	YT-TC-1050S	83245	34.5
1200	48	YT-TC-1200S	83246	37.2

Lead time: 1 working day

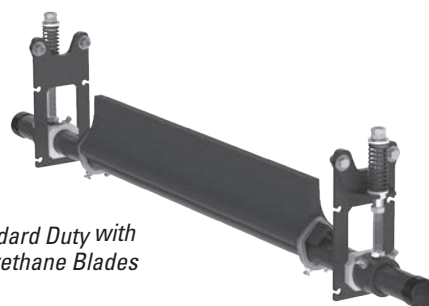


Y-Type™ Standard Duty with Carbide Blades

Y-Type™ Standard Duty with Purple Polyurethane Blades

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	YT-450S	83229	26.8
600	24	YT-600S	83230	29.5
750	30	YT-750S	83231	32.2
900	36	YT-900S	83232	34.9
1050	42	YT-1050S	83233	37.6
1200	48	YT-1200S	83234	40.4

Lead time: 1 working day

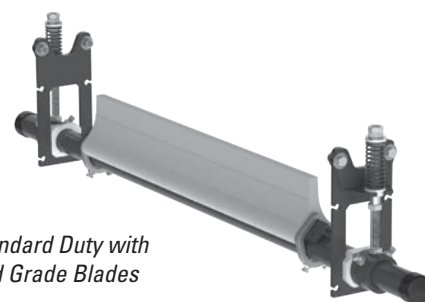


Y-Type™ Standard Duty with Purple Polyurethane Blades

Y-Type™ Standard Duty with White Polyurethane Blades

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	YTW-450S	83235	26.8
600	24	YTW-600S	83236	29.5
750	30	YTW-750S	83237	32.2
900	36	YTW-900S	83238	34.9
1050	42	YTW-1050S	83239	37.6
1200	48	YTW-1200S	83240	40.4

Lead time: 1 working day

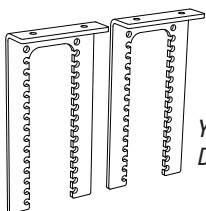


Y-Type™ Standard Duty with White / Food Grade Blades

Optional YST Drop Brackets (2)

ORDERING NUMBER	ITEM CODE	WT. KG.
YSTDBK	79844	8.9

Lead time: 1 working day



YST Standard Duty Drop Brackets

Product Notes:

- Works on reversing belts, vulcanized belts, and belts with mechanical fasteners.
- Pole Length: Belt width plus 750mm (30"). For longer requirements, see Installation Accessories – Pole Extender Kit (page 133).
- 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: Standard Duty YST Spring Tensioner for self-adjusting tensioning with easy retensioning adjustments.
- To make cleaner installation easier and quicker, see Optional Mounting Kits on replacement parts page or page 133.
- Simple design makes changing the blades fast and easy. Blades can be removed and replaced individually, or all at once by replacing the cartridge.

Product Ordering Information

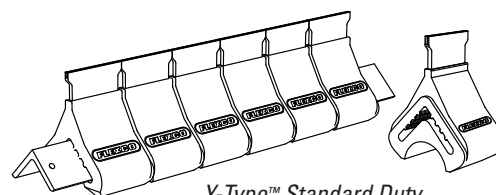
Y-Type™ Standard Duty Secondary Cleaner with Carbide or Polyurethane Blades and YST Tensioner

Replacement Blades/Cartridges Standard Duty Carbide

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
-	-	YT-C*	79574	0.5
450	18	YCART-18/450-TC	79811	5.7
600	24	YCART-24/600-TC	79812	7.5
750	30	YCART-30/750-TC	79813	9.3
900	36	YCART-36/900-TC	79814	11.0
1050	42	YCART-42/1050-TC	79815	12.7
1200	48	YCART-48/1200-TC	79816	14.5

*Single 75mm (3") blade segment

Lead time: 1 working day



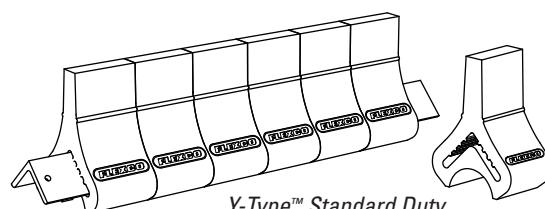
Y-Type™ Standard Duty
Carbide Blade Cartridge

Replacement Blades/Cartridges Standard Duty Purple Polyurethane

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
-	-	YT-P*	79573	0.5
450	18	YCART-18/450-P	79617	5.9
600	24	YCART-24/600-P	79618	7.8
750	30	YCART-30/750-P	79619	9.6
900	36	YCART-36/900-P	79620	11.4
1050	42	YCART-42/1050-P	79621	13.2
1200	48	YCART-48/1200-P	79622	15.0

*Single 75mm (3") blade segment

Lead time: 1 working day



Y-Type™ Standard Duty
Polyurethane Blade Cartridge

Replacement Blades/Cartridges Standard Duty White† Polyurethane

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
-	-	YT-W*	79572	0.5
450	18	YCART-18/450-W	79611	5.9
600	24	YCART-24/600-W	79612	7.8
750	30	YCART-30/750-W	79613	9.6
900	36	YCART-36/900-W	79614	11.4
1050	42	YCART-42/1050-W	79615	13.2
1200	48	YCART-48/1200-W	79616	15.0

*Single 75mm (3") blade segment

†White blades are chemical resistant, and all ingredients used in Polyurethane formulation comply with the relevant requirements of 21 CFR (FDA Code of Federal Regulations) for use in repeated bulk dry food applications.

Lead time: 1 working day

Specifications & Guidelines

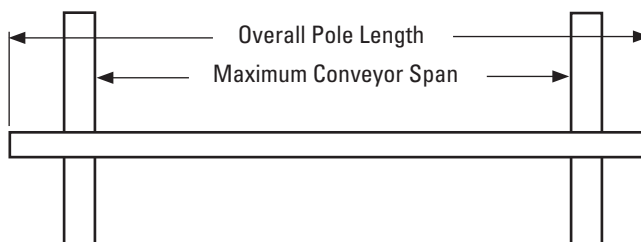
Y-Type™ Standard Duty Secondary Cleaner with YST Tensioner

Pole Length Specifications

Cleaner Size		Pole Length		Maximum Conveyor Span	
mm	in.	mm	in.	mm	in.
450	18	1200	48	1025	40
600	24	1350	54	1175	46
750	30	1500	60	1325	52
900	36	1650	66	1475	58
1050	42	1800	72	1625	64
1200	48	1950	78	1775	70

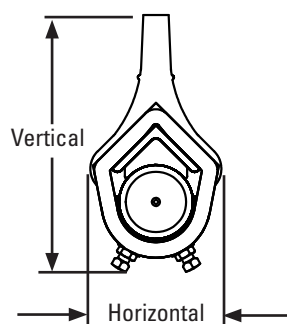
Pole Length - Belt +750mm (30")

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



Clearance Guidelines for Installation

Cleaner Type	Belt Width/ Cleaner Size		Horizontal Clearance Required		Vertical Clearance Required	
	mm	in.	mm	in.	mm	in.
Y-Type® Polyurethane	450-1200	18 - 48	110	4-1/4	210	8-1/4
Y-Type Carbide	450-1200	18 - 48	110	4-1/4	184	7-3/4



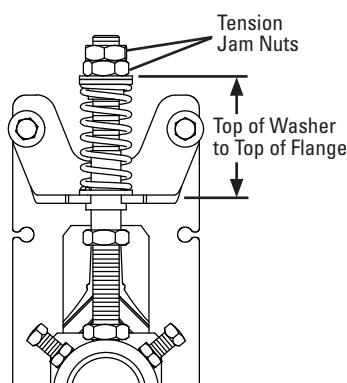
Y-Type Blade Specifications

Cushion	Durometer	Temperature Range
Purple (Standard)	86A	-35° to 82° C -30° to 180° F
White (Food Grade) ‡	83A	-35° to 82° C -30° to 180° F
Carbide	86A	-35° to 82° C -30° to 180° F

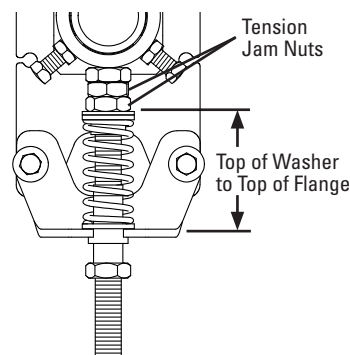
‡ All ingredients used in the Polyurethane formulation of this blade comply with the relevant requirements of 21 CFR (FDA Code of Federal Regulations) for use in repeated bulk dry food applications

Blade Width		Carbide Tip		Polyurethane Tip			
		Silver Springs		Yellow Springs		Purple Springs	
mm	in.	mm	in.	mm	in.	mm	in.
450	18	105	4 1/8	83	3 1/4	92	3 5/8
600	24	102	4	73	2 7/8	86	3 3/8
750	30	98	3 7/8	67	2 5/8	79	3 1/8
900	36	95	3 3/4	57	2 1/4	73	2 7/8
1050	42	92	3 5/8	NA	NA	67	2 5/8
1200	48	89	3 1/2	NA	NA	60	2 3/8

Shading indicates preferred spring option.



Pull-Up Tensioner Configuration (SD)



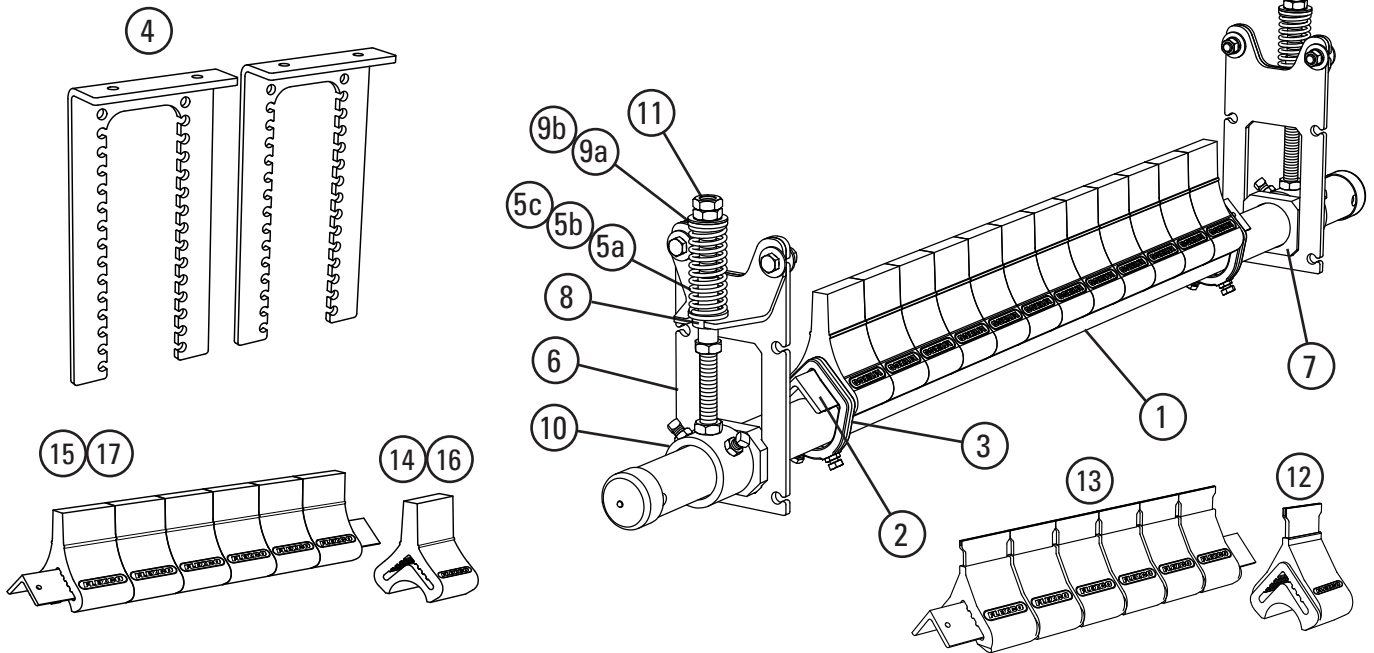
Push-Up Tensioner Configuration (SD)

Specifications:

- Maximum Belt Speed 3m/s (600 FPM)
- Temperature Rating -35°C to 82°C (-30°F to 180°F)
- Usable Blade Wear Length 50mm (2") (Polyurethane)
6mm (1/4") (Carbide)
- Blade Materials..... **Purple:** Polyurethane (proprietary blend for abrasion resistance and long wear)
White: Polyurethane (chemical resistant/food grade)
Carbide: Tungsten Carbide
- Available for Belt Widths..... 450 to 1200mm (18" to 48"). Other sizes available upon request.
- CEMA Cleaner Classification Class 2 (Standard-duty with polyurethane blades)
Class 3 (Standard-duty with carbide blades)

Replacement Parts List

Y-Type™ Standard Duty Secondary Cleaner with YST Tensioner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	450mm (18") Y-Type™ Pole	YTP-18/450	79587	9.2
	600mm (24") Y-Type Pole	YTP-24/600	79588	10.3
	750mm (30") Y-Type Pole	YTP-30/750	79589	11.4
	900mm (36") Y-Type Pole	YTP-36/900	79590	12.6
	1050mm (42") Y-Type Pole	YTP-42/1050	79591	13.7
	1200mm (48") Y-Type Pole	YTP-48/1200	79592	14.8
2	450mm (18") Y-Type Cushion Angle	YTA-18/450	79593	2.6
	600mm (24") Y-Type Cushion Angle	YTA-24/600	79594	3.3
	750mm (30") Y-Type Cushion Angle	YTA-30/750	79595	4.0
	900mm (36") Y-Type Cushion Angle	YTA-36/900	79596	4.7
	1050mm (42") Y-Type Cushion Angle	YTA-42/1050	79597	5.4
	1200mm (48") Y-Type Cushion Angle	YTA-48/1200	79598	6.2
3	Y-Type Angle Clamp* (2 Clamps)	YTAC	79623	1.0
4	YST Drop Bracket Kit (2 Brackets)	YSTDBK	79844	8.9
5a	YST Spring Yellow	YSTS-Y	79795	0.1
5b	YST Spring Purple	YSTS-P	79796	0.2
5c	YST Spring Silver (Y-Type Carbide Cleaners)	CTS-S	77743	0.2
6	YST Mounting Bracket	YSTMB	79843	1.5
7	YST Guide Block Kit (Pair)	YSTGBK	79845	0.2
8	YST Lower Bushing Kit (Pair)	YSTLBK	79846	0.04
9a	YST Top Bushing Kit White (Pair)	YSTTBK-W	79847	0.04
9b	YST Top Bushing Kit Black (Pair)	YSTTBK-B	79855	0.04
10	YST Pole Mount Kit*	YSTPMK	79848	2.0
11	YST Adjusting Rod Nut Kit	YSTANK	79857	0.1
-	YST Tensioner w/Yellow Spring (Pair) (incl. 2 ea. item 5a, 6, 10, 11; 1 ea. items 7, 8, 9a)	YST-Y	79836	8.3
-	YST Tensioner w/Purple Spring (Pair) (incl. 2 ea. item 5b, 6, 10, 11; 1 ea. items 7, 8, 9a)	YST-P	79837	8.4
-	YST Tensioner w/Silver Spring (Pair) (incl. 2 ea. item 5c, 6, 10, 11; 1 ea. items 7, 8, 9b)	YST-S	79838	8.5

*Hardware included
Lead time: 1 working day

Replacement Blades/Blade Cartridges

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
12	Y-Type Carbide Blade (single)	YT-C	79574	0.5
13	450mm (18") Y-Type Carbide Blade Cartridge	YCART-18/450-TC	79811	5.7
	600mm (24") Y-Type Carbide Blade Cartridge	YCART-24/600-TC	79812	7.5
	750mm (30") Y-Type Carbide Blade Cartridge	YCART-30/750-TC	79813	9.3
	900mm (36") Y-Type Carbide Blade Cartridge	YCART-36/900-TC	79814	11.0
	1050mm (42") Y-Type Carbide Blade Cartridge	YCART-42/1050-TC	79815	12.7
	1200mm (48") Y-Type Carbide Blade Cartridge	YCART-48/1200-TC	79816	14.5
14	Y-Type Purple Polyurethane Blade (single)	YT-P	79573	0.5
15	450mm (18") Y-Type Purple Blade Cartridge	YCART-18/450-P	79617	5.9
	600mm (24") Y-Type Purple Blade Cartridge	YCART-24/600-P	79618	7.8
	750mm (30") Y-Type Purple Blade Cartridge	YCART-30/750-P	79619	9.6
	900mm (36") Y-Type Purple Blade Cartridge	YCART-36/900-P	79620	11.4
	1050mm (42") Y-Type Purple Blade Cartridge	YCART-42/1050-P	79621	13.2
	1200mm (48") Y-Type Purple Blade Cartridge	YCART-48/1200-P	79622	15.0
16	Y-Type White Polyurethane Blade (single)	YT-W	79572	0.5
17	450mm (18") Y-Type White Blade Cartridge	YCART-18/450-W	79611	5.9
	600mm (24") Y-Type White Blade Cartridge	YCART-24/600-W	79612	7.8
	750mm (30") Y-Type White Blade Cartridge	YCART-30/750-W	79613	9.6
	900mm (36") Y-Type White Blade Cartridge	YCART-36/900-W	79614	11.4
	1050mm (42") Y-Type White Blade Cartridge	YCART-42/1050-W	79615	13.2
	1200mm (48") Y-Type White Blade Cartridge	YCART-48/1200-W	79616	15.0

Blades Required per Cleaner Size

Lead time: 1 working day	mm	450	600	750	900	1050	1200
	in.	18	24	30	36	42	48
Blades Required		6	8	10	12	14	16

Spring Tensioner Selection Chart

Cleaner Blade Width	79838 YST-S	79836 YST-Y	79837 YST-P
Carbide 450 - 1200mm (18" - 48")	X		
Polyurethane 450 - 750mm (18" - 30")		X	
Polyurethane 900 - 1200mm (36" - 48")			X

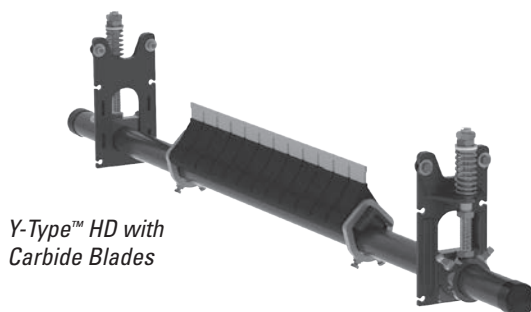
Product Ordering Information

Y-Type™ Heavy Duty Secondary Cleaner with HD Carbide or Urethane Blades and YST Tensioner

Y-Type™ HD with Carbide Blades

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
900	36	YTHD-TC-900	83134	59.0
1050	42	YTHD-TC-1050	83135	64.6
1200	48	YTHD-TC-1200	83136	68.9
1350	54	YTHD-TC-1350	83137	73.3
1500	60	YTHD-TC-1500	83138	77.6
1800	72	YTHD-TC-1800	83140	86.2

Lead time: 1 working day

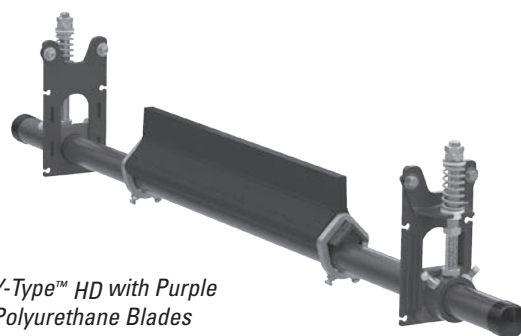


*Y-Type™ HD with
Carbide Blades*

Y-Type™ HD with Purple Polyurethane Blades

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
900	36	YTHD-900 P	83120	59.4
1050	42	YTHD-1050 P	83121	63.6
1200	48	YTHD-1200 P	83122	67.8
1350	54	YTHD-1350 P	83133	72.0
1500	60	YTHD-1500 P	83124	76.2
1800	72	YTHD-1800 P	83126	84.6

Lead time: 1 working day

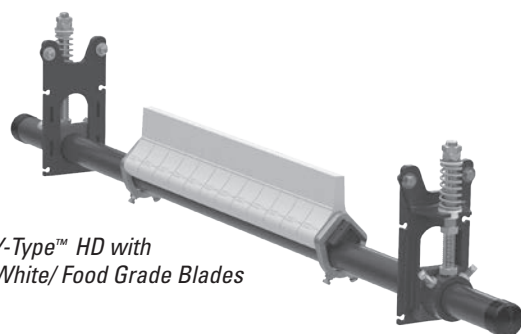


*Y-Type™ HD with Purple
Polyurethane Blades*

Y-Type™ HD with White Polyurethane Blades

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
900	36	YTHDW-36S	83127	59.4
1050	42	YTHDW-42S	83128	63.6
1200	48	YTHDW-48S	83129	67.8
1350	54	YTHDW-54S	83130	72.0
1500	60	YTHDW-60S	83131	76.2
1800	72	YTHDW-72S	83133	84.6

Lead time: 1 working day

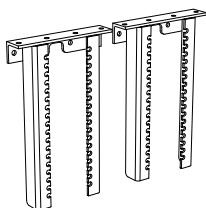


*Y-Type™ HD with
White/ Food Grade Blades*

Optional YST Drop Brackets (2)

ORDERING NUMBER	ITEM CODE	WT. KG.
YSTDDBK	79850	14.6

Lead time: 1 working day



*YST Heavy Duty
Drop Brackets*

Product Notes:

- Works on reversing belts, vulcanized belts, and belts with mechanical fasteners.
- Pole Length: Belt width plus 1350mm (54"). For longer requirements, see Installation Accessories – Pole Extender Kit (page 133).
- 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: Standard Duty YST Spring Tensioner for self-adjusting tensioning with easy retensioning adjustments.
- To make cleaner installation easier and quicker, see Optional Mounting Kits on replacement parts page or page 133.
- Simple design makes changing the blades fast and easy. Blades can be removed and replaced individually, or all at once by replacing the cartridge.

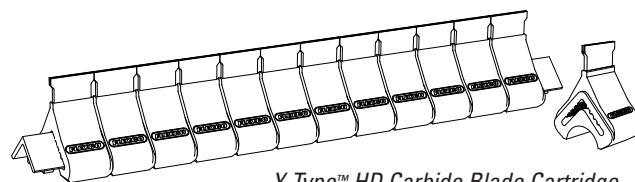
Product Ordering Information

Y-Type™ Heavy Duty Secondary Cleaner with HD Carbide or Urethane Blades and YST Tensioner

Replacement Blades/Cartridges - HD Carbide

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
-	-	YT-HDC*	79728	0.8
900	36	YCART-36/900-HDTC	79829	17.4
1050	42	YCART-42/1050-HDTC	79830	20.2
1200	48	YCART-48/1200-HDTC	79831	23.0
1350	54	YCART-54/1350-HDTC	79832	25.8
1500	60	YCART-60/1500-HDTC	79833	28.5
1800	72	YCART-72/1800-HDTC	79834	34.1

*Single 75mm (3") blade segment
Lead time: 1 working day

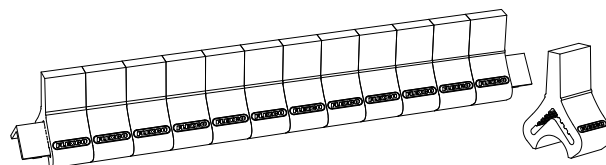


Y-Type™ HD Carbide Blade Cartridge

Replacement Blades/Cartridges HD Purple Polyurethane

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
in.	mm			
-	-	YT-HDP*	79677	0.8
36	900	YCART-36/900-HDP	79817	16.6
42	1050	YCART-42/1050-HDP	79818	19.2
48	1200	YCART-48/1200-HDP	79819	21.8
54	1350	YCART-54/1350-HDP	79820	24.4
60	1500	YCART-60/1500-HDP	79821	27.1
72	1800	YCART-72/1800-HDP	79822	32.4

*Single 75mm (3") blade segment
Lead time: 1 working day



Y-Type™ HD Polyurethane Blade Cartridge

Replacement Blades/Cartridges HD White[†] Polyurethane

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
in.	mm			
-	-	YT-HDW*	79676	0.8
36	900	YCART-36/900-HDW	79823	16.6
42	1050	YCART-42/1050-HDW	79824	19.2
48	1200	YCART-48/1200-HDW	79825	21.8
54	1350	YCART-54/1350-HDW	79826	24.4
60	1500	YCART-60/1500-HDW	79827	27.1
72	1800	YCART-72/1800-HDW	79828	32.4

*Single 75mm (3") blade segment

[†]White blades are chemical resistant, and all ingredients used in Polyurethane formulation comply with the relevant requirements of 21 CFR (FDA Code of Federal Regulations) for use in repeated bulk dry food applications.
Lead time: 1 working day

Specifications & Guidelines

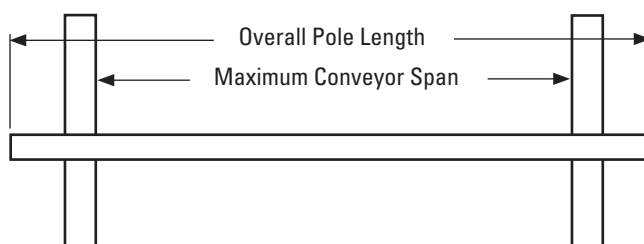
Y-Type™ Heavy Duty Secondary Cleaner with YST Tensioner

Pole Length Specifications

Cleaner Size		Pole Length		Maximum Conveyor Span	
mm	in.	mm	in.	mm	in.
900	36	2286	90	2083	82
1050	42	2438	96	2235	88
1200	48	2590	102	2388	94
1350	54	2743	108	2540	100
1500	60	2895	114	2692	106
1800	72	3200	126	2997	118

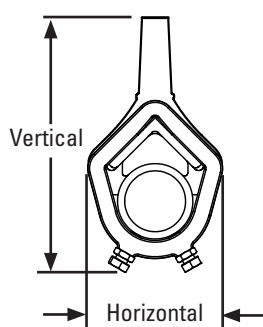
Pole Length - Belt +1350mm (54")

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



Clearance Guidelines for Installation

Cleaner Type	Belt Width/ Cleaner Size		Horizontal Clearance Required		Vertical Clearance Required	
	mm	in.	mm	in.	mm	in.
Y-Type® HD Polyurethane	900-1800	36 - 72	133	5-1/4	241	9-1/2
Y-Type HD Carbide	900-1800	36 - 72	133	5-1/4	248	9-3/4



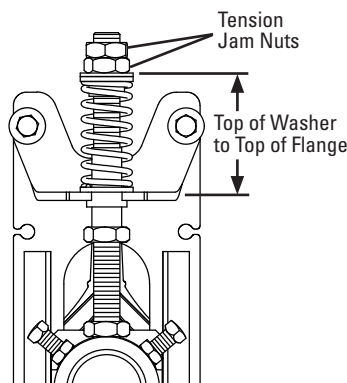
Y-Type Blade Specifications

Cushion	Durometer	Temperature Range
Purple (Standard)	86A	-35° to 82° C -30° to 180° F
White (Food Grade) ‡	83A	-35° to 82° C -30° to 180° F
Carbide	86	-35° to 82° C -30° to 180° F

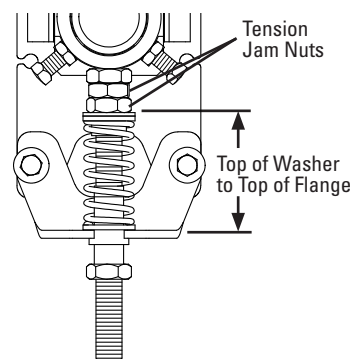
‡ All ingredients used in the Polyurethane formulation of this blade comply with the relevant requirements of 21 CFR (FDA Code of Federal Regulations) for use in repeated bulk dry food applications

Blade Width		Carbide Tip				Polyurethane Tip			
		Silver Springs		Black Springs		Green Springs		Blue Springs	
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
900	36	98	3 7/8	102	4	76	3	86	3 3/8
1050	42	95	3 3/4	98	3 7/8	73	2 7/8	83	3 1/4
1200	48	92	3 5/8	95	3 3/4	67	2 5/8	79	3 1/8
1350	54	89	3 1/2	95	3 3/4	64	2 1/2	76	3
1500	60	86	3 3/8	92	3 5/8	NA	NA	73	2 7/8
1800	72	83	3 1/4	89	3 1/2	NA	NA	64	2 1/2

Shading indicates preferred spring option.



Pull-Up Tensioner Configuration (HD)



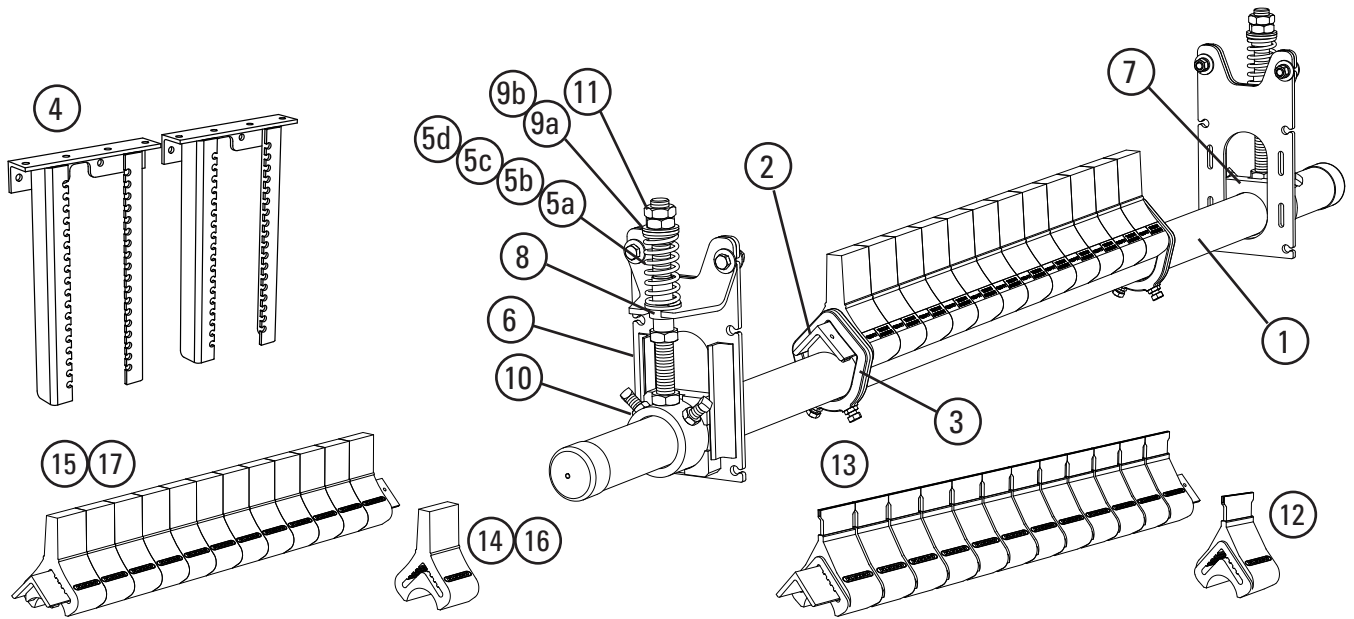
Push-Up Tensioner Configuration (HD)

Specifications:

- Maximum Belt Speed 3.8m/s (750 FPM)
- Temperature Rating -35°C to 82°C (-30°F to 180°F)
- Usable Blade Wear Length 75mm (3") (Polyurethane)
10mm (3/8") (Carbide)
- Blade Materials..... **Purple:** Polyurethane (proprietary blend for abrasion resistance and long wear)
White: Polyurethane (chemical resistant/food grade)
Carbide: Tungsten Carbide
- Available for Belt Widths..... 900 to 1800mm (36" to 72"). Other sizes available upon request
- CEMA Cleaner Classification Class 3 (Heavy-duty with polyurethane or carbide blades)

Replacement Parts List

Y-Type™ Heavy Duty Secondary Cleaner with YST Tensioner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	900mm (36") Y-Type HD Pole	YTPHD-36/900	79799	27.2
	1050mm (42") Y-Type HD Pole	YTPHD-42/1050	79800	28.8
	1200mm (48") Y-Type HD Pole	YTPHD-48/1200	79801	30.3
	1350mm (54") Y-Type HD Pole	YTPHD-54/1350	79802	31.8
	1500mm (60") Y-Type HD Pole	YTPHD-60/1500	79803	33.4
	1800mm (72") Y-Type HD Pole	YTPHD-72/1800	79804	34.9
2	900mm (36") Y-Type HD Cushion Angle	YTAHD-36/900	79805	7.5
	1050mm (42") Y-Type HD Cushion Angle	YTAHD-42/1050	79806	8.6
	1200mm (48") Y-Type HD Cushion Angle	YTAHD-48/1200	79807	9.7
	1350mm (54") Y-Type HD Cushion Angle	YTAHD-54/1350	79808	10.8
	1500mm (60") Y-Type HD Cushion Angle	YTAHD-60/1500	79809	11.9
	1800mm (72") Y-Type HD Cushion Angle	YTAHD-72/1800	79810	14.2
3	Y-Type HD Angle Clamp* (2 Clamps)	YTACHD	79835	2.2
4	YST HD Drop Bracket Kit (2 Brackets)	YSTDDBK	79850	14.6
5a	YST HD Spring, Green	YSTDHS-GR	79797	0.2
5b	SST Spring, Silver	STS-S	75843	0.4
5c	YST HD Spring, Blue (for Y-Type HD Carbide Cleaners)	YSTDHS-BL	79798	0.3
5d	SST Spring, Black (for Y-Type HD Carbide Cleaners)	STS-B	75844	0.5
6	YST HD Mounting Bracket	YSTDHMB	79849	3.0
7	YST HD Guide Block Kit (Pair)	YSTDHGBK	79851	0.5
8	YST HD Lower Bushing Kit (Pair)	YSTDHLBK	79852	0.04
9a	YST HD Top Bushing Kit White (Pair)	YSTDHBK-W	79853	0.04
9b	YST HD Top Bushing Kit Black (Pair)	YSTDHBK-B	79856	0.04
10	YST HD Pole Mount Kit*	YSTPHDMK	79854	3.5
11	YST HD Adjusting Rod Nut Kit	YSTANKHD	79858	0.3
-	YST Tensioner w/Silver Spring (Pair) (for belts 900mm - 1350mm w/carbide tips) (incl. 2 ea. item 5b, 6, 10, 11; 1 ea. items 7, 8, 9a)	YSTDH-S	79840	15.2
-	YST Tensioner w/Black Spring (Pair) (for belts 1500mm - 1800mm w/carbide tips) (incl. 2 ea. item 5d, 6, 10, 11; 1 ea. items 7, 8, 9b)	YSTDH-BK	79842	15.5
-	YST Tensioner w/Green Spring (Pair) (for belts 900mm - 1200mm w/Polyurethane tips) (incl. 2 ea. item 5a, 6, 10, 11; 1 ea. items 7, 8, 9a)	YSTDH-GR	79839	14.9
-	YST Tensioner w/Blue Spring (Pair) (for belts 1350mm - 1800mm w/Polyurethane tips) (incl. 2 ea. item 5c, 6, 10, 11; 1 ea. items 7, 8, 9b)	YSTDH-BL	79841	15.0

Replacement Blades/Blade Cartridges

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
12	Y-Type HD Carbide Blade (single)	YT-HDC	79728	0.9
13	900mm (36") Y-Type HD Carbide Blade Cartridge	YCART-36/900-HDTC	79829	17.5
	1050mm (42") Y-Type HD Carbide Blade Cartridge	YCART-42/1050-HDTC	79830	20.2
	1200mm (48") Y-Type HD Carbide Blade Cartridge	YCART-48/1200-HDTC	79831	23.0
	1350mm (54") Y-Type HD Carbide Blade Cartridge	YCART-54/1350-HDTC	79832	25.8
	1500mm (60") Y-Type HD Carbide Blade Cartridge	YCART-60/1500-HDTC	79833	28.6
	1800mm (72") Y-Type HD Carbide Blade Cartridge	YCART-72/1800-HDTC	79834	34.1
14	Y-Type HD Purple Polyurethane Blade (single)	YT-HDP	79677	0.8
15	900mm (36") Y-Type HD Purple Blade Cartridge	YCART-36/900-HDP	79817	16.6
	1050mm (42") Y-Type HD Purple Blade Cartridge	YCART-42/1050-HDP	79818	19.2
	1200mm (48") Y-Type HD Purple Blade Cartridge	YCART-48/1200-HDP	79819	21.9
	1350mm (54") Y-Type HD Purple Blade Cartridge	YCART-54/1350-HDP	79820	24.5
	1500mm (60") Y-Type HD Purple Blade Cartridge	YCART-60/1500-HDP	79821	27.1
	1800mm (72") Y-Type HD Purple Blade Cartridge	YCART-72/1800-HDP	79822	32.4
16	Y-Type HD White Polyurethane Blade (single)	YT-HDW	79676	0.8
17	900mm (36") Y-Type HD White Blade Cartridge	YCART-36/900-HDW	79823	16.6
	1050mm (42") Y-Type HD White Blade Cartridge	YCART-42/1050-HDW	79824	19.2
	1200mm (48") Y-Type HD White Blade Cartridge	YCART-48/1200-HDW	79825	21.9
	1350mm (54") Y-Type HD White Blade Cartridge	YCART-54/1350-HDW	79826	24.5
	1500mm (60") Y-Type HD White Blade Cartridge	YCART-60/1500-HDW	79827	27.1
	1800mm (72") Y-Type HD White Blade Cartridge	YCART-72/1800-HDW	79828	32.4

Lead time: 1 working day

Spring Tensioner Selection Chart

Cleaner Blade Width	Silver YSTHD-S	Black YSTHD-BK	Green YSTHD-GR	Blue YSTHD-BL
Carbide 900 - 1350mm (36" - 54")	X			
Carbide 1500 - 1800mm (60" - 72")		X		
Polyurethane 900 - 1200mm (36" - 48")			X	
Polyurethane 1350 - 1800mm (54" - 72")				X

Blades Required per Cleaner Size

mm	900	1050	1200	1350	1500	1800
in.	36	42	48	54	60	72
Blades Required	12	14	16	18	20	24

Product Ordering Information

P-Type®
Secondary Cleaner

P-Type® Secondary with C-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	PC450	81421	32.8
600	24	PC-600	90924	36.0
800	32	PC-800	90925	38.6
1000	40	PC-1000	90926	41.8
1200	48	PC-1200	90927	47.6
1400	56	PC-1400	90928	50.7
1500	60	PC-1500	90929	55.4
1600	64	PC-1600	90931	58.1
1800	72	PC-1800	90930	63.5

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

Lead time: 1 working day



P-Type® Secondary with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
in.	mm			
18	450	PV-18	78453	32.8
24	600	PV-24	78415	36.0
30	750	PV-30	78417	38.6
36	900	PV-36	78419	41.8
42	1050	PV-42	78421	47.6
48	1200	PV-48	78423	50.7
54	1350	PV-54	78454	55.4
60	1500	PV-60	78455	58.1
72	1800	PV72	73438	63.5

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

Lead time: 1 working day



Replacement Tips

ORDERING NUMBER	ITEM CODE	WT. KG.
ICT6	74535	0.3
PSA150	73156	0.5

Lead time: 1 working day

Tips Required per Cleaner Size

mm	450	600	750	900	1050	1200	1350	1500	1800
in.	18	24	30	36	42	48	54	60	72
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. KG.
mm	in.			
450	18	PLSC18	75588	33.3
600	24	PLSC24	75589	36.4
750	30	PLSC30	75590	39.1
900	36	PLSC36	75591	42.2
1050	42	PLSC42	75592	45.4
1200	48	PLSC48	75593	48.5
1350	54	PLSC54	75594	51.6

*NOTE: C-Tips can be used on mechanically spliced and vulcanized belts.
Lead time: 1 working day



Replacement C-Tips

ORDERING NUMBER	ITEM CODE	WT. KG.
ICT6	74535	0.3

Lead time: 1 working day

Tips Required per Cleaner Size

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

Product Notes:

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

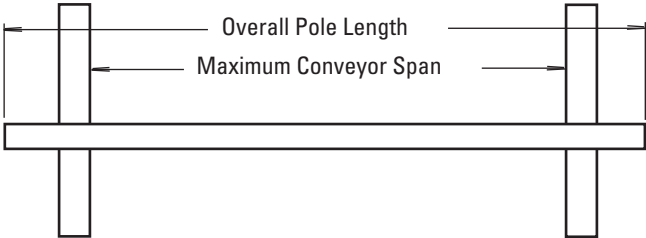
Specifications
& Guidelines

P-Type®
Secondary Cleaner

Pole Length Specifications

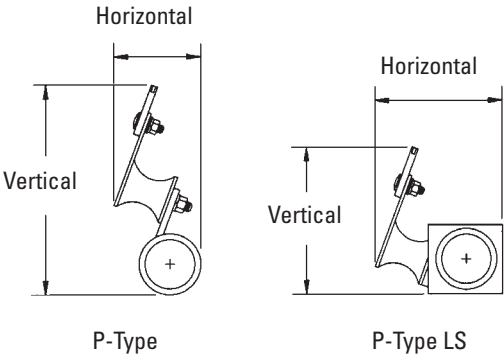
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.
450	18	1200	48	1075	43
600	24	1350	54	1225	49
750	30	1500	60	1375	55
900	36	1650	66	1525	61
1050	42	1800	72	1675	67
1200	48	1950	78	1825	73
1350	54	2200	88	2075	83
1500	60	2350	94	2225	89
1800	72	2650	106	2525	101

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



Clearance Guidelines for Installation

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



P-Type Cushion Specifications

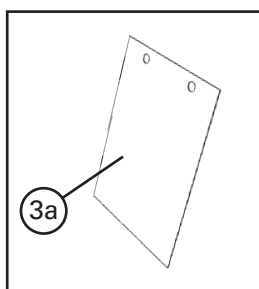
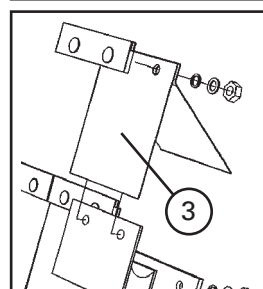
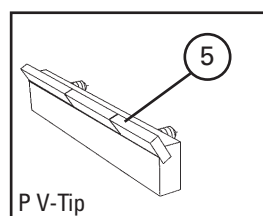
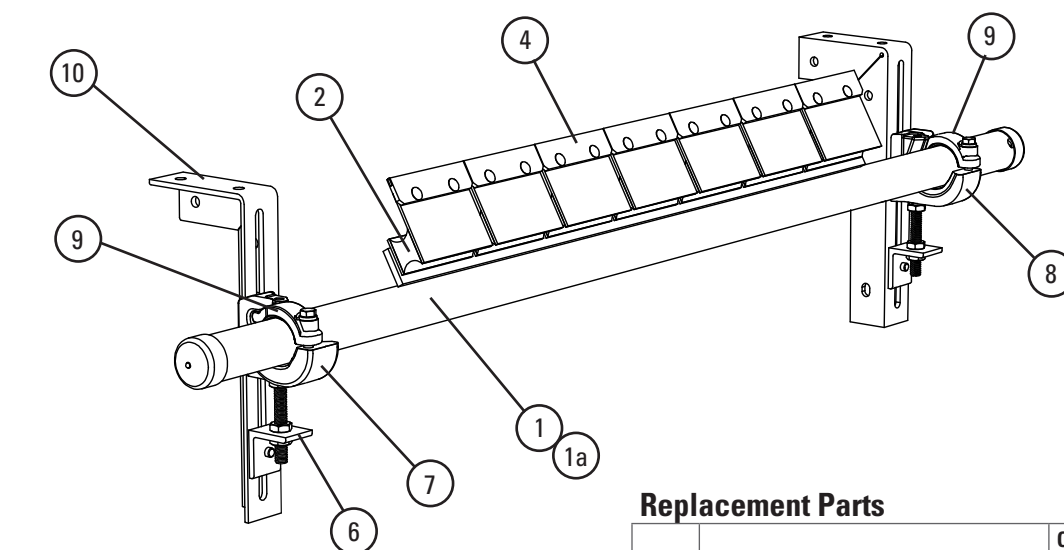
CUSHION	DUROMETER	TEMPERATURE RANGE
Standard	55A	-35° to 82° C -30° to 180°F

Specifications:

- Maximum Belt Speed5m/s (1000 FPM)
- Temperature Rating-35°C to 82°C (-30°F to 180°F)
- Usable Blade Wear Length9mm (3/8")
- Blade Materials.....**C-Tip:** Impact Resistant Tungsten Carbide (works with mechanical fasteners)
V-Tip: Long Life Tungsten Carbide (works on vulcanized belts only)
P-Type: 450 to 1800mm (18" to 72")
P-Type LS: 450 to 1350mm (18" to 54")
Other sizes available upon request.
- Available for Belt Widths.....
- CEMA Cleaner ClassificationClass 3

Replacement Parts List

P-Type®
Secondary Cleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	450mm (18") Pole	PP-18	78414	10.2
	600mm (24") Pole	PP-24	78416	11.8
	750mm (30") Pole	PP-30	78418	14.7
	900mm (36") Pole	PP-36	78420	15.0
	1050mm (42") Pole	PP-42	78422	19.5
	1200mm (48") Pole	PP-48	78424	21.5
	1350mm (54") Pole	PP-54	78425	24.9
	1500mm (60") Pole	PP-60	78451	26.3
	1800mm (72") Pole	PP72	73017	29.0
1a	450mm (18") LS Pole	PLSP18	75595	14.7
	600mm (24") LS Pole	PLSP24	75596	16.3
	750mm (30") LS Pole	PLSP30	75597	17.6
	900mm (36") LS Pole	PLSP36	75598	19.2
	1050mm (42") LS Pole	PLSP42	75599	20.9
	1200mm (48") LS Pole	PLSP48	75600	22.6
	1350mm (54") LS Pole	PLSP54	75601	24.3
2	P2 C-Tip Cushion*	PHA	73626	0.9
3	P Polyshield	PPS6	73024	0.2
3a	P SS Shield	PSSS	74773	0.2
4	C-Tip* Kit (1 ea.)	ICT6	74535	0.3
5	P V-Tip* (for vulcanized belts only)	PSA150	73156	0.5
6	Adjusting Bracket Kit* (1 ea.)	PAB	75513	0.7
7	Pole Clamp Kit Left* (1 ea.) (incl. item 9)	CCKL	79224	3.1
8	Pole Clamp Kit Right* (1 ea.) (incl. item 9)	CCKR	79228	3.1
9	Cradle Clamp Top Strap (1 ea.) For use on left or right Pole Clamp Kit	CCKTS	79232	0.5
10	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	5.9
-	Cradle Clamp Mounting Kit* (incl. 2 items 6 and 1 ea. item 7, 8 & 10)	CCMK	78919	15.0

*Hardware included
Lead time: 1 working day

Tips Required per Cleaner Size

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

Product Ordering Information

R-Type® Reversing Secondary Cleaner



R-Type® Reversing with C-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	RC450	81367	33.0
600	24	RC600	81368	36.0
750	30	RC750	81369	38.6
900	36	RC900	81370	41.7
1050	42	RC1050	81371	47.6
1200	48	RC1200	81372	51.5
1350	54	RC1350	81373	54.9
1500	60	RC1500	81374	58.9
1800	72	RC1800	81375	64.0
2000	80	RC2000	81376	121.0
2100	84	RC2100	81377	127.8
2400	96	RC2400	81378	138.0

*NOTE: C-Tips can be used on mechanically spliced and vulcanized belts.
Lead time: 1 working day

R-Type® Reversing with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	RV450	74633	32.8
600	24	RV600	74634	35.7
750	30	RV750	74635	38.4
900	36	RV900	74636	41.3
1050	42	RV1050	74637	47.2
1200	48	RV1200	74638	51.4
1350	54	RV1350	74639	54.4
1400	56	RV1400	74639	74.0
1500	60	RV1500	74640	80.0
1650	66	RV1650	82519	85.0
1800	72	RVHD1800	74642	90.0
2000	80	RVHD2000	75463	121.0
2100	84	RVHD2100	74643	127.8
2250	90	RVHD2250	82518	132.0
2400	96	RVHD2400	74644	138.0

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

Replacement Tips

ORDERING NUMBER	ITEM CODE	WT. KG.
ICT6	74535	0.3
RSA150	73628	0.6

Lead time: 1 working day

Tips Required per Cleaner Size

mm	450	600	750	900	1050	1200	1350	1500	1800
in.	18	24	30	36	42	48	54	60	72
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.

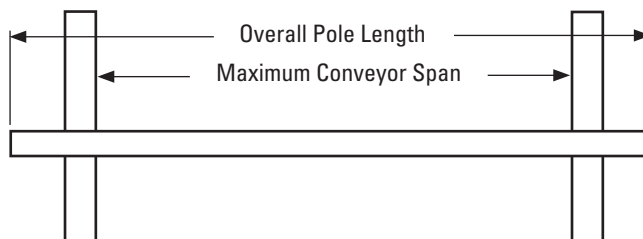
Specifications & Guidelines

R-Type® Reversing Secondary Cleaner

Pole Length Specifications

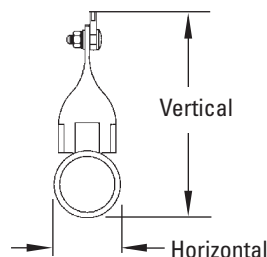
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.
450	18	1200	48	1075	43
600	24	1350	54	1225	49
750	30	1500	60	1375	55
900	36	1650	66	1525	61
1050	42	1800	72	1675	67
1200	48	1950	78	1825	73
1350	54	2200	88	2075	83
1500	60	2350	94	2225	89
1800	72	2650	106	2525	101

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



Clearance Guidelines For Installation

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



R-Type Cushion Specifications

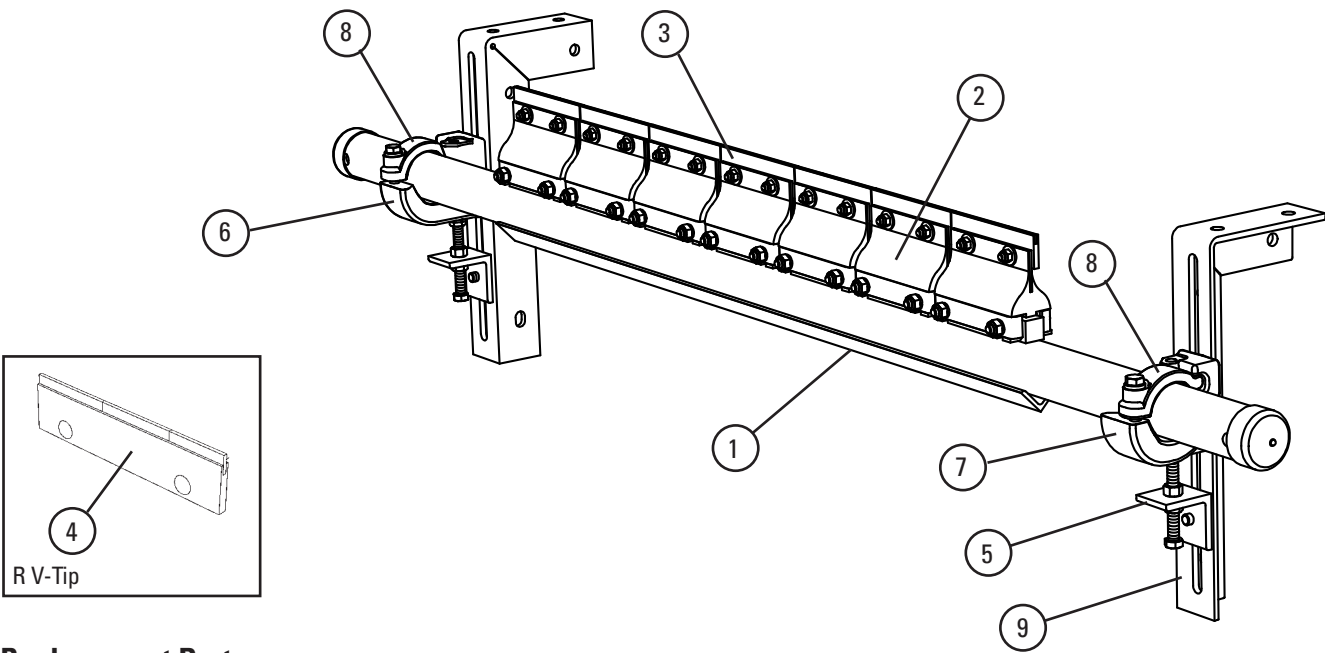
CUSHION	DUROMETER	TEMPERATURE RANGE
Standard	55A	-35° to 82° C -30° to 180°F

Specifications:

- Maximum Belt Speed5m/s (1000 FPM)
- Temperature Rating-35°C to 82°C (-30°F to 180°F)
- Usable Blade Wear Length9mm (3/8")
- 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.....450 to 1800mm (18" to 72")
Other sizes available upon request
- CEMA Cleaner Classification.....Class 4

Replacement Parts List

R-Type®
Secondary Cleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	450mm (18") Pole	RP-18	78426	10.8
	600mm (24") Pole	RP-24	78427	12.6
	750mm (30") Pole	RP-30	78428	14.1
	900mm (36") Pole	RP-36	78429	16.0
	1050mm (42") Pole	RP-42	78430	20.7
	1200mm (48") Pole	RP-48	78431	23.0
	1350mm (54") Pole	RP-54	78432	25.7
	1500mm (60") Pole	RP-60	78433	28.4
	1800mm (72") Pole	RP-72	74612	32.4
2	R2 C-Tip Cushion*	RSA	76249	0.9
3	C-Tip Kit* (1 ea.)	ICT6	74535	0.3
4	R V-Tip* (for vulcanized belts only)	RSA150	73628	0.6
5	Adjusting Bracket Kit* (1 ea.)	PAB	75513	0.7
6	Pole Clamp Kit Left* (1 ea.) (incl. 1 item 8)	CCKL	79224	3.1
7	Pole Clamp Kit Right* (1 ea.) (incl. 1 item 8)	CCKR	79228	3.1
8	Pole Clamp Top Strap (1 ea.) For use on left or right Pole Clamp Kit	CCKTS	79232	0.5
9	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	5.9
-	Cradle Clamp Mounting Kit* (incl. 2 ea. item 5 and 1 ea. item 6, 7 & 9)	CCMK	78919	15.0

*Hardware included
Lead time: 1 working day

Tips Required per Cleaner Size

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

Product Ordering Information

FMS Flexco Medium-Duty Secondary Cleaner (MST Tensioners)

FMS Medium-Duty Secondary with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	FMS-18	79637	44.8
600	24	FMS600-YST	83696	55.0
750	30	FMS750	83697	60.0
900	36	FMS900	83698	61.7
1050	42	FMS1050	83699	70.0
1200	48	FMS1200	83700	73.1
1350	54	FMS1350	83701	78.7
1500	60	FMS1500	83702	84.4
1800	72	FMS1800	83704	95.7

Lead time: 1 working day



FMS Medium-Duty Secondary with V-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	FMS-18V	79646	44.8
600	24	FMS-24V	79647	55.0
750	30	FMS-30V	79648	60.0
900	36	FMS-36V	79649	61.7
1050	42	FMS-42V	79650	70.0
1200	48	FMS-48V	79651	73.1
1350	54	FMS-54V	79652	78.7
1500	60	FMS-60V	79653	84.4
1800	72	FMS-72V	79654	95.7

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

Lead time: 1 working day

Replacement Tips

ORDERING NUMBER	ITEM CODE	WT. KG.
ICT6	74535	0.3
RSA150	73628	0.6

Lead time: 1 working day

Tips Required Per Cleaner Size

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

Product Notes:

- Recommended for medium-duty conveyor applications.
- Pole Length: Belt width plus 1350mm (54"). For longer requirements, see Minline Installation Accessories - Pole Extender Kit (page 133).
- Cushion is designed 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 for the correct length for best cleaning performance.
- Tensioner: MST Spring Tensioner for self-adjusting tensioning with easy retensioning adjustments.
- To make cleaner installation easier and quicker, see Optional Drop Brackets on page 93.

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

Specifications & Guidelines

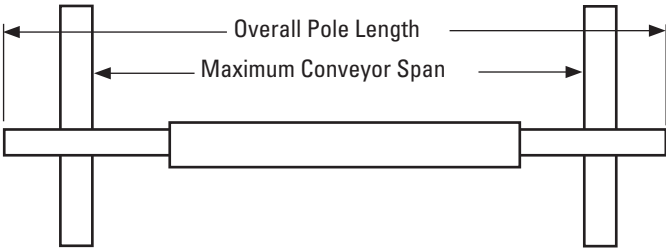
FMS

Flexco Medium-Duty Secondary Cleaner

Pole Length Specifications*

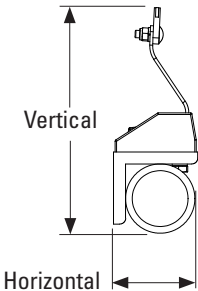
Cleaner Size		Blade Width		Pole Length		Maximum Conveyor Span	
mm	in.	mm	in.	mm	in.	mm	in.
450	18	450	18	1800	72	1550	62
600	24	600	24	1950	78	1700	68
750	30	750	30	2100	84	1850	74
900	36	900	36	2250	90	2000	80
1050	42	1050	42	2400	96	2150	86
1200	48	1200	48	2550	102	2300	92
1350	54	1350	54	2700	108	2450	98
1500	60	1500	60	2850	114	2600	104
1800	72	1800	72	3150	126	2900	116

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 750mm (30") of extended pole length. (page 133). Pole Diameter - 73mm (2-7/8")



Clearance Guidelines for Installation

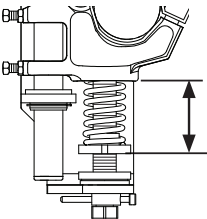
Horizontal Clearance Required		Vertical Clearance Required	
mm	in.	mm	in.
89	3-1/2	245	10



MST Tensioner Spring Length Chart

Blade Width		2 White Springs		2 Silver Springs		2 Black Springs	
mm	in.	mm	in.	mm	in.	mm	in.
450	18	73	2 7/8	89	3 1/2	89	3 1/2
600	24	67	2 5/8	86	3 3/8	89	3 1/2
750	30	60	2 3/8	83	3 1/4	86	3 3/8
900	36	54	2 1/8	79	3 1/8	83	3 1/4
1050	42	N/A	N/A	76	3	79	3 1/8
1200	48	N/A	N/A	73	2 7/8	79	3 1/8
1350	54	N/A	N/A	70	2 3/4	76	3
1500	60	N/A	N/A	70	2 3/4	73	2 7/8
1800	72	N/A	N/A	N/A	N/A	70	2 3/4

Shading indicates preferred spring option. Measure spring as shown.



Bottom of Pole Mount to Bottom of Spring Support Plate

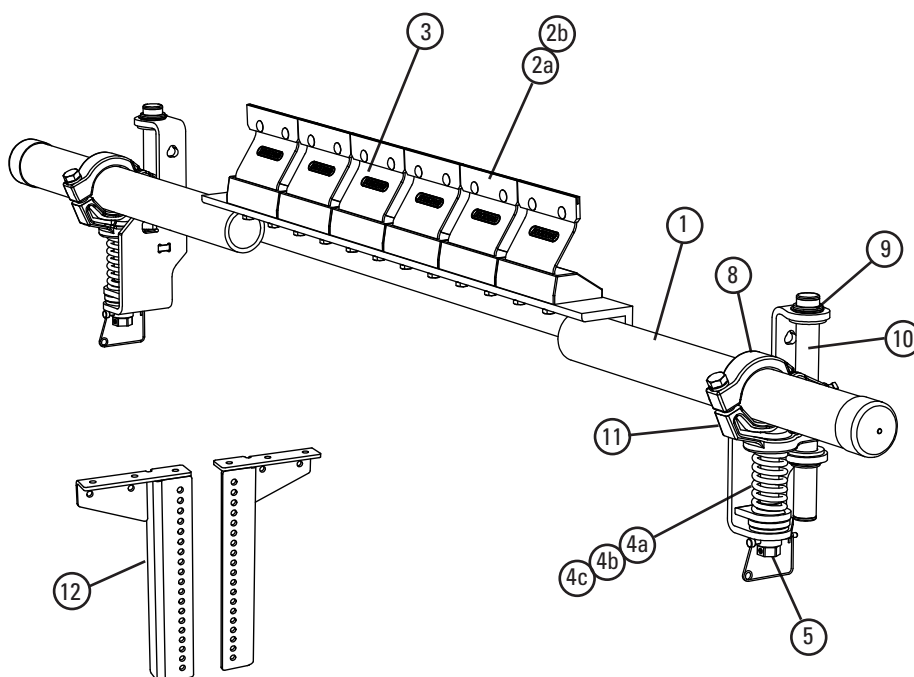
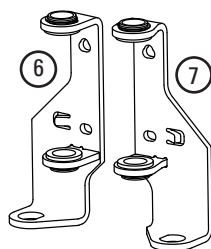
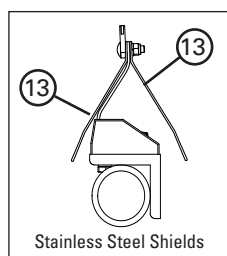
Specifications

- Maximum Belt Speed5m/s (1000 FPM)
- Temperature Rating-35°C to 82°C (-30°F to 180°F)
- Usable Blade Wear Length.....9mm (3/8")
- 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 Widths450 to 1800mm (18" to 72"). Other sizes available upon request.
- CEMA Cleaner Classification Class 4

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

Replacement Parts List

FMS Flexco Medium-Duty Secondary Cleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	450mm (18") Pole	MHSP-18	76178	21.0
	600mm (24") Pole	MHSP-24	75918	23.5
	750mm (30") Pole	MHSP-30	75919	25.9
	900mm (36") Pole	MHSP-36	75920	28.5
	1050mm (42") Pole	MHSP-42	75921	31.0
	1200mm (48") Pole	MHSP-48	75922	33.5
	1350mm (54") Pole	MHSP-54	75923	36.0
	1500mm (60") Pole	MHSP-60	75924	38.6
	1800mm (72") Pole	MHSP-72	75925	43.6
2a	C-Tip*	ICT6	74535	0.3
2b	V-Tip* (for vulcanized belts only)	RSA150	73628	0.6
3	FMS Cushion Kit*	FMSC	79699	1.9
4a	Tension Spring - White (1 ea.) for belts 450 - 750mm (18" - 30")	STS-W	75846	0.2
4b	Tension Spring - Silver (1 ea.) for belts 900 - 1350mm (36" - 54")	STS-S	75843	0.4
4c	Tension Spring - Black (1 ea.) for belts 1500 - 1800mm (60" - 72")	STS-B	75844	0.5
5	MST Adjusting Mechanism	MSTAM	79435	1.3
6	MST Mounting Bracket LH (incl. bushings)	MST-MBL	79436	2.6
7	MST Mounting Bracket RH (incl. bushings)	MST-MBR	79437	2.6
8	MST HD Clamp*	MSTCHD	79439	1.1
9	MST Bushing Kit (incl. 4 bushings)	MSTBK	79440	0.1
10	MST Guide Pole	MSTGT	79441	0.7
11	MST HD Pole Mount*	MSTPMHD	79451	3.3
12	MST Drop Brackets (2)	MSTDDB	79434	12.6
13	P SS Shield	PSSS	74773	0.2
-	MST HD Tensioner w/White Spring* (incl. 1 ea. items 6, 7; 2 ea. items 4a, 5, 8, 10 & 11)	MSTHD-W	79431	16.7
-	MST HD Tensioner w/Silver Spring* (incl. 1 ea. items 6, 7; 2 ea. items 4b, 5, 8, 10 & 11)	MSTHD-S	79432	17.0
-	MST HD Tensioner w/Black Spring* (incl. 1 ea. items 6, 7; 2 ea. items 4c, 5, 8, 10 & 11)	MSTHD-B	79433	17.3

*Hardware Included

Lead time: 1 working day

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

MST Spring Tensioner Selection Chart

CLEANER SIZE	79431 MSTHD-W	79432 MSTHD-S	79433 MSTHD-B
FMS 450 - 750mm (18" - 30")	X		
FMS 900 - 1350mm (36" - 54")		X	
FMS 1500 - 1800mm (60" - 72")			X

Product Ordering Information

MHS Heavy Duty Secondary Cleaner (SSTensioners)

MHS HD Secondary with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	MHS600	81182	56.5
750	30	MHS750	81183	58.7
900	36	MHS900	81184	63.5
1050	42	MHS1050	81185	68.2
1200	48	MHS1200	81186	73.0
1350	54	MHS1350	81187	77.7
1500	60	MHS1500	81188	82.5
1650	66	MHS1650	82493	92.0
1800	72	MHS1800	81189	94.5
1950	78	MHS1950	82494	105.0
2100	84	MHS2100	81190	110.2
2250	90	MHS2250	82495	115.0
2400	96	MHS2400	82515	126.0

Lead time: 1 working day

MHS HD Secondary with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	MHS450V	81226	54.3
600	24	MHS600V	81227	56.5
750	30	MHS750V	81228	58.7
900	36	MHS900V	81229	63.5
1050	42	MHS1050V	81230	68.2
1200	48	MHS1200V	81231	73.0
1350	54	MHS1350V	81232	77.7
1500	60	MHS1500V	81233	82.5
1650	66	MHS1650V	82512	92.0
1800	72	MHS1800V	81234	94.5
1950	78	MHS1950V	82513	105.0
2100	84	MHS2100V	81235	110.3
2250	90	MHS2250V	82514	115.0
2400	96	MHS2400V	82516	126.1

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

Lead time: 1 working day

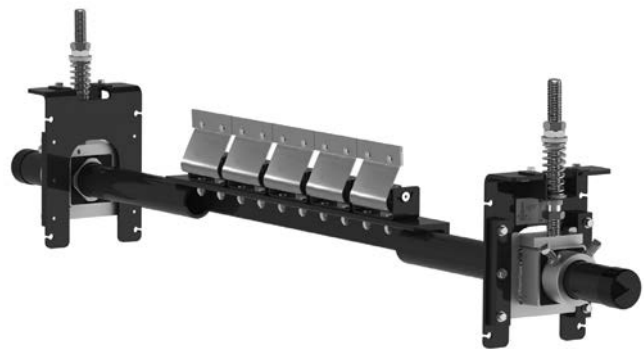
Tips Required Per Cleaner Size

mm	450	600	750	900	1050	1200	1350	1500	1800	2100	2400
in.	18	24	30	36	42	48	54	60	72	84	96
C-Tips or V-Tips Required	3	4	5	6	7	8	9	10	12	14	16

Product Notes:

- Heavy-duty design to deliver maximum cleaning efficiency on the most demanding, abusive beltlines.
- Pole Length: Belt width plus 1350mm (54"). For longer requirements, see Minline Installation Accessories - Pole Extender Kit (page 133).
- 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 (page 133).

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



Replacement Tips

ORDERING NUMBER	ITEM CODE	WT. KG.
ICT6	74535	0.3
RSA150	73628	0.6

Lead time: 1 working day

Product Ordering Information

MHS Heavy Duty Secondary Cleaner (MSTensioners)

MHS HD Secondary with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	MHS-18V-MST	79442	47.7
600	24	MHS-24V-MST	79443	52.2
750	30	MHS-30V-MST	79444	56.7
900	36	MHS-36V-MST	79445	61.5
1050	42	MHS-42V-MST	79446	66.0
1200	48	MHS-48V-MST	79447	70.4
1350	54	MHS-54V-MST	79448	76.8
1500	60	MHS-60V-MST	79449	81.8
1800	72	MHS-72V-MST	79450	91.2

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

Lead time: 1 working day



MHS HD Reversing with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	MHS-18RMV	79624	48.0
600	24	MHS-24RMV	79625	52.7
750	30	MHS-30RMV	79626	57.3
900	36	MHS-36RMV	79627	62.2
1050	42	MHS-42RMV	79628	66.9
1200	48	MHS-48RMV	79629	71.4
1350	54	MHS-54RMV	79630	78.0
1500	60	MHS-60RMV	79631	83.1
1800	72	MHS-72RMV	79632	92.8

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

Lead time: 1 working day

Replacement Tips

ORDERING NUMBER	ITEM CODE	WT. KG.
RSA150	73628	0.6

Lead time: 1 working day

Tips Required Per Cleaner Size

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

Product Notes:

- Heavy-duty design to deliver maximum cleaning efficiency on the most demanding, abusive beltlines.
- Pole Length: Belt width plus 1350mm (54"). For longer requirements, see Minline Installation Accessories - Pole Extender Kit (page 133).
- Patented PowerFlex™ cushion design to maintain continuous blade-to-belt contact and quick relief from passing mechanical splices.
- 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: MST Spring Tensioner for self-adjusting tensioning with easy retensioning adjustments.
- To make cleaner installation easier and quicker, see Optional Mounting Kits (page 133).

Product Ordering Information

MHS Heavy Duty Secondary Cleaner (Polyurethane Cushion Shields, SSTensioners)

MHS HD Secondary with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	MHS-24RU	79738	57.1
750	30	MHS-30RU	79739	59.4
900	36	MHS-36RU	79740	64.3
1050	42	MHS-42RU	79741	69.2
1200	48	MHS-48RU	79742	74.1
1350	54	MHS-54RU	79743	78.9
1500	60	MHS-60RU	79744	83.8
1800	72	MHS-72RU	79745	96.1
2100	84	MHS-84RU	79746	112.1
2400	96	MHS-96RU	79747	128.1

Lead time: 1 working day

MHS HD Secondary with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	MHS-18RUV	79748	54.7
600	24	MHS-24RUV	79749	57.1
750	30	MHS-30RUV	79750	59.4
900	36	MHS-36RUV	79751	64.3
1050	42	MHS-42RUV	79752	69.2
1200	48	MHS-48RUV	79753	74.1
1350	54	MHS-54RUV	79754	78.9
1500	60	MHS-60RUV	79755	83.8
1800	72	MHS-72RUV	79756	96.1
2100	84	MHS-84RUV	79757	112.2
2400	96	MHS-96RUV	79758	128.2

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

Lead time: 1 working day

Replacement Tips

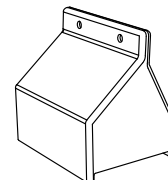
ORDERING NUMBER	ITEM CODE	WT. KG.
ICT6	74535	0.3
RSA150	73628	0.6

Lead time: 1 working day

Replacement Cushion Shield

ORDERING NUMBER	ITEM CODE	WT. KG.
UPFCC	79320	0.1

Lead time: 1 working day



Polyurethane Cushion Shield

Tips Required Per Cleaner Size

mm	450	600	750	900	1050	1200	1350	1500	1800	2100	2400
in.	18	24	30	36	42	48	54	60	72	84	96
C-Tips or V-Tips Required	3	4	5	6	7	8	9	10	12	14	16

Product Notes:

- Heavy-duty design to deliver maximum cleaning efficiency on the most demanding, abusive beltlines.
- Pole Length: Belt width plus 1350mm (54"). For longer requirements, see Minline Installation Accessories - Pole Extender Kit (page 133).
- 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 (page 133).

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. KG.
mm	in.			
600	24	MHS600R	82973	58.2
750	30	MHS750R	82974	60.8
900	36	MHS900R	82975	66.0
1050	42	MHS1050R	82976	71.1
1200	48	MHS1200R	82977	76.2
1350	54	MHS1350R	82978	81.4
1500	60	MHS1500R	82979	86.5
1650	66	MHS1650R	82980	94.0
1800	72	MHS1800R	82981	99.4
1950	78	MHS1950R	82982	109.0
2100	84	MHS2100R	82983	112.2
2250	90	MHS2250R	82984	119.0
2400	96	MHS2400R	82985	125.1

Lead time: 1 working day

MHS HD Reversing Secondary with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	MHS450RV	82986	55.5
600	24	MHS600RV	82987	58.2
750	30	MHS750RV	82988	60.8
900	36	MHS900RV	82989	66.0
1050	42	MHS1050RV	82990	71.1
1200	48	MHS1200RV	82991	76.2
1350	54	MHS1350RV	82992	81.4
1500	60	MHS1500RV	82993	86.5
1650	66	MHS1650RV	82994	94.0
1800	72	MHS1800RV	82995	99.4
1950	78	MHS1950RV	82996	109.0
2100	84	MHS2100RV	82997	115.9
2250	90	MHS2250RV	82998	119.0
2400	96	MHS2400RV	82999	132.5

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

Product Notes:

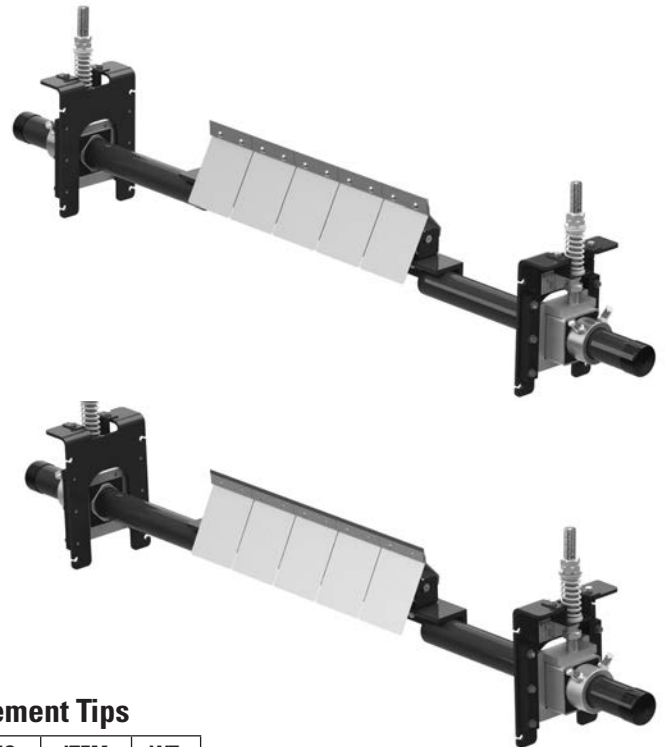
- A cleaner for applications where the belt travels in both directions.

MHS HD with SAT2 Tensioner*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	MHS-24P	78736	102.4
750	30	MHS-30P	78737	107.3
900	36	MHS-36P	78738	116.4
1050	42	MHS-42P	78739	126.8
1200	48	MHS-48P	78740	137.3
1350	54	MHS-54P	78741	147.7
1500	60	MHS-60P**	78742	158.2
1800	72	MHS-72P**	78743	183.9
2100	84	MHS-84P**	78744	209.6
2400	96	MHS-96P**	79047	292.1

*Includes Control Box
**1500mm - 2400mm (60"-96") models have a 3-piece pole.
Lead time: 1 working day

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



Replacement Tips

ORDERING NUMBER	ITEM CODE	WT. KG.
ICT6	74535	0.3
RSA150	73628	0.6

Lead time: 1 working day

Replacement Shields

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
P Stainless Steel Shield	PSSS	74773	0.2
PowerFlex™ Reverse Shield	PFRS	76622	0.2

Lead time: 1 working day



Product Notes:

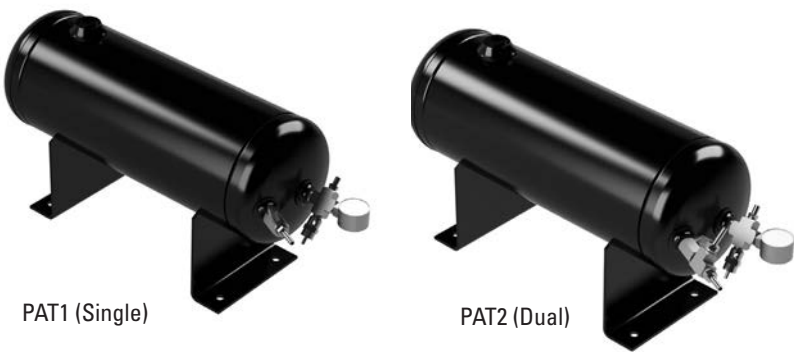
- The SAT2 Tensioners automatically adjust the blades to the belt until the blades are worn out.
- Does not include air tank. Select option on page 102.

Product Ordering Information

Line Connections for Portable Air Tensioner

Air Tanks

ORDERING NUMBER	ITEM CODE	WT. KG.
PAT1	78684	5.9
PAT2	78685	5.9

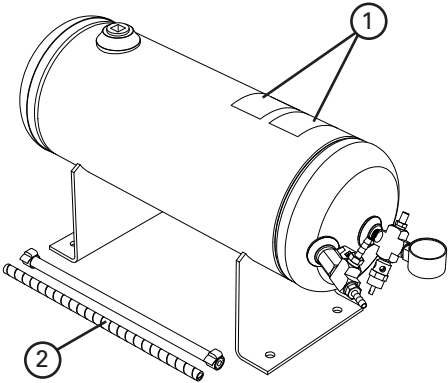


PAT1 (Single)

PAT2 (Dual)

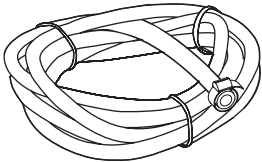
Replacement Parts List

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	Tank Label Kit	PATLK	78791	0.04
2	Tank Hose Kit (incl. 1 ea. 10' hose and 1' poly spiral wrap, 2 hose clamps)	PATHK	78794	0.7



Product Notes:

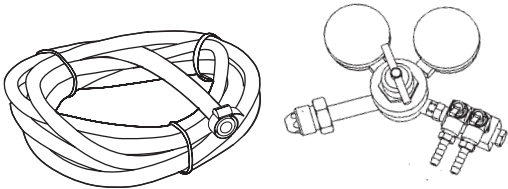
- For use with PAT cleaner assemblies and PAT control box.
- Single for applications with one cleaner, double for applications with two cleaners.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction.



Air Line Connection for Site-Accessible Air

ORDERING NUMBER	ITEM CODE	WT. KG.
PATHK*	78794	0.7

* incl. 10' hose, 1' poly spiral wrap, 2 hose clamps



Nitrogen Tank Connection for Site-Provided Nitrogen Tank

ORDERING NUMBER	ITEM CODE	WT. KG.
PANK*	78799	2.3

* incl. Nitrogen Regulator, 10' hose, 2 hose clamps

Product Ordering Information

Stainless Steel MHS Heavy Duty Secondary Cleaner

SS MHS HD Secondary with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE
mm	in.		
600	24	MHS-24-S/S	77601
750	30	MHS-30-S/S	77602
900	36	MHS-36-S/S	77603
1050	42	MHS-42-S/S	77604
1200	48	MHS-48-S/S	77605
1350	54	MHS-54-S/S	77606
1500	60	MHS-60-S/S	77607
1800	72	MHS-72-S/S	77608
2100	84	MHS-84-S/S	77609
2400	96	MHS-96-S/S	79048

Lead time: 3 weeks

SS MHS HD Secondary with V-Tips*

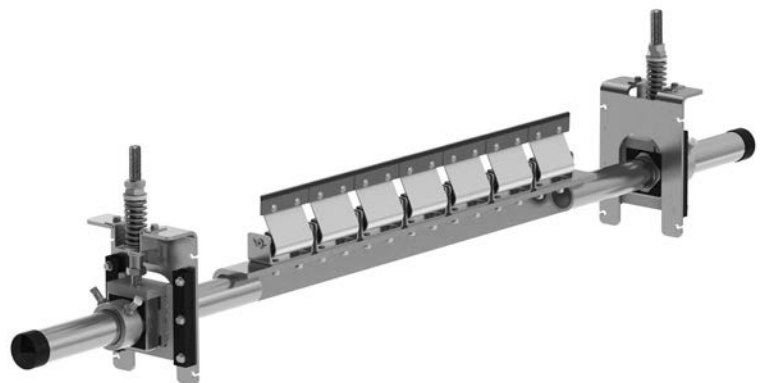
BELT WIDTH		ORDERING NUMBER	ITEM CODE
mm	in.		
600	24	MHS-24V-S/S	77610
750	30	MHS-30V-S/S	77611
900	36	MHS-36V-S/S	77612
1050	42	MHS-42V-S/S	77613
1200	48	MHS-48V-S/S	77614
1350	54	MHS-54V-S/S	77615
1500	60	MHS-60V-S/S	77616
1800	72	MHS-72V-S/S	77617
2100	84	MHS-84V-S/S	77618
2400	96	MHS-96V-S/S	79049

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

Lead time: 3 weeks

For replacement tips and qty of tips per cleaner, see page 98

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



SS MHS HD Reversing Secondary with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE
mm	in.		
600	24	MHS-24R-S/S	77640
750	30	MHS-30R-S/S	77641
900	36	MHS-36R-S/S	77642
1050	42	MHS-42R-S/S	77643
1200	48	MHS-48R-S/S	77644
1350	54	MHS-54R-S/S	77645
1500	60	MHS-60R-S/S	77646
1800	72	MHS-72R-S/S	77647
2100	84	MHS-84R-S/S	77648
2400	96	MHS-96R-S/S	79050

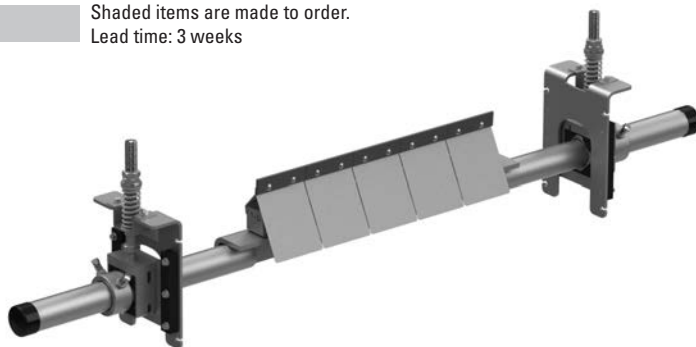
Lead time: 3 weeks

SS MHS HD Reversing Secondary with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE
mm	in.		
600	24	MHS-24RV-S/S	77649
750	30	MHS-30RV-S/S	77650
900	36	MHS-36RV-S/S	77651
1050	42	MHS-42RV-S/S	77652
1200	48	MHS-48RV-S/S	77653
1350	54	MHS-54RV-S/S	77654
1500	60	MHS-60RV-S/S	77655
1800	72	MHS-72RV-S/S	77656
2100	84	MHS-84RV-S/S	77657
2400	96	MHS-96RV-S/S	79051

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

Lead time: 3 weeks



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

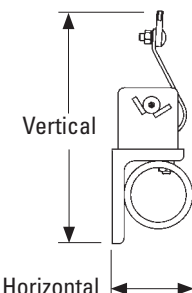
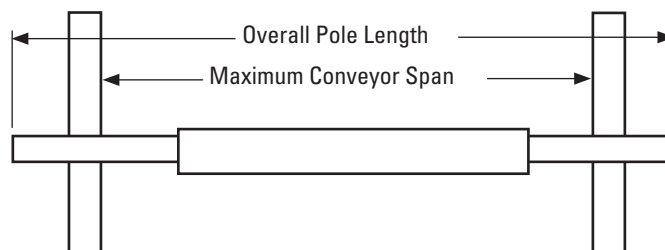
Specifications & Guidelines

MHS
Heavy Duty Secondary Cleaner

Pole Length Specifications*

CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	mm	in.	mm	in.
18	450	18	450	1800	72	1550	62
24	600	24	600	1950	78	1700	68
30	750	30	750	2100	84	1850	74
36	900	36	900	2250	90	2000	80
42	1050	42	1050	2400	96	2150	86
48	1200	48	1200	2550	102	2300	92
54	1350	54	1350	2700	108	2450	98
60	1500	60	1500	2850	114	2600	104
72	1800	72	1800	3150	126	2900	116
84	2100	84	2100	3450	138	3200	128
96	2400	96	2400	3750	150	3500	140

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 750mm (30") of extended pole length. (Page page 133).
Pole Diameter - 73mm (2-7/8")



Clearance Guidelines for Installation

HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
mm	in.	mm	in.
100	4	245	10

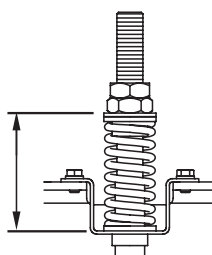
SST Tensioner Spring Length Chart

Blade Width		White Spring		Silver Spring		Black Spring		Gold Spring	
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
450	18	86	3 3/8	102	4	N/A	N/A	N/A	N/A
600	24	79	3 1/8	98	3 7/8	N/A	N/A	N/A	N/A
750	30	73	2 7/8	95	3 3/4	N/A	N/A	N/A	N/A
900	36	N/A	N/A	95	3 3/4	98	3 7/8	N/A	N/A
1050	42	N/A	N/A	92	3 5/8	95	3 3/4	N/A	N/A
1200	48	N/A	N/A	89	3 1/2	92	3 5/8	N/A	N/A
1350	54	N/A	N/A	86	3 3/8	92	3 5/8	95	3 3/4
1500	60	N/A	N/A	83	3 1/4	89	3 1/2	95	3 3/4
1800	72	N/A	N/A	N/A	N/A	86	3 3/8	92	3 5/8
2100	84	N/A	N/A	N/A	N/A	79	3 1/8	89	3 1/2
2400	96	N/A	N/A	N/A	N/A	N/A	N/A	89	3 1/2
2700	108	N/A	N/A	N/A	N/A	N/A	N/A	86	3 3/8
3000	120	N/A	N/A	N/A	N/A	N/A	N/A	86	3 3/8

Shading indicates preferred spring option. Measure spring as shown below.

SST

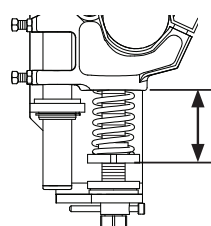
Top of Washer to Mounting Base



MST Tensioner Spring Length Chart

Blade Width		2 White Springs		2 Silver Springs		2 Black Springs	
mm	in.	mm	in.	mm	in.	mm	in.
450	18	73	2 7/8	86	3 3/8	89	3 1/2
600	24	67	2 5/8	86	3 3/8	86	3 3/8
750	30	60	2 3/8	83	3 1/4	86	3 3/8
900	36	54	2 1/8	79	3 1/8	83	3 1/4
1050	42	48	1 7/8	76	3	79	3 1/8
1200	48	N/A	N/A	73	2 7/8	79	3 1/8
1350	54	N/A	N/A	73	2 7/8	76	3
1500	60	N/A	N/A	70	2 3/4	73	2 7/8
1800	72	N/A	N/A	64	2 1/2	70	2 3/4

Shading indicates preferred spring option. Measure spring as shown below.



MST

Bottom of Pole Mount to Bottom of Spring Support Plate

SAT2 Tensioner Pressure Chart

Blade Width		Blades	Pressure	
mm	in.		psi	kPa
450	18	3	15#	103
600	24	4	19#	131
750	30	5	23#	159
900	36	6	27#	186
1050	42	7	31#	214
1200	48	8	35#	241
1350	54	9	39#	269
1500	60	10	43#	296
1800	72	12	51#	352
2100	84	14	59#	407
2400	96	16	67#	462

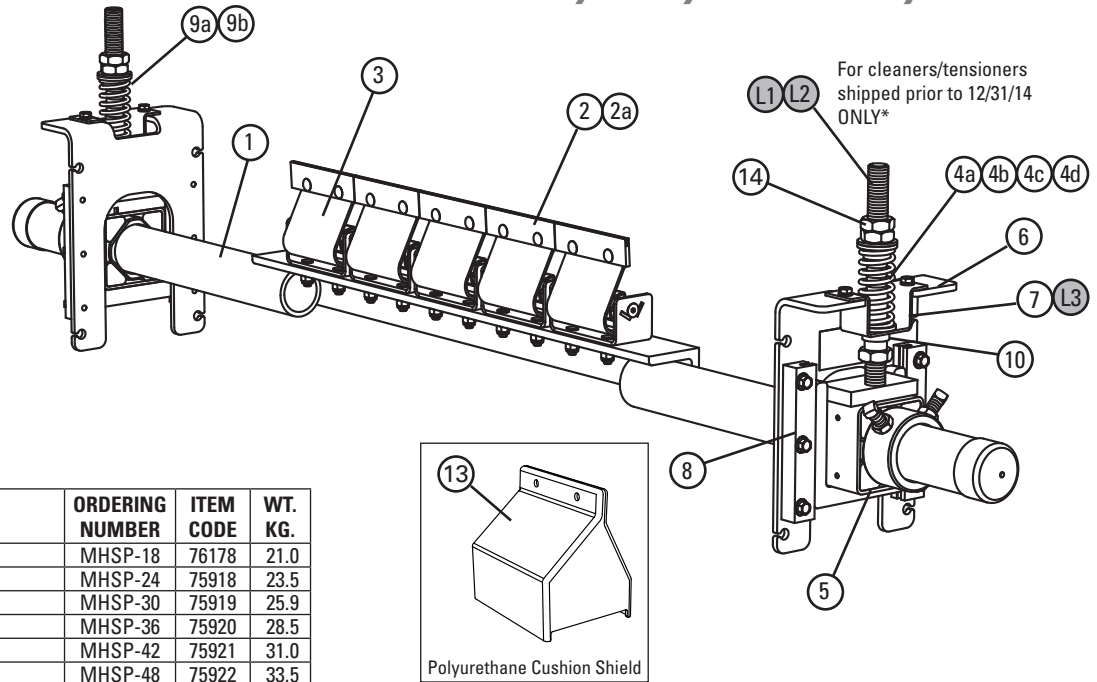
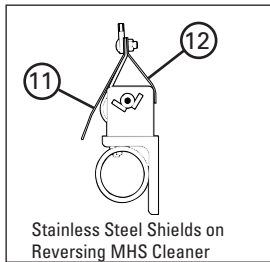
Specifications

- Maximum Belt SpeedSST/SAT2 Tensioner - 6m/s (1200 FPM)
- Maximum Belt SpeedMST Tensioner - 5m/s (1000 FPM)
- Temperature Rating-35°C to 82°C (-30°F to 180°F)
- Usable Blade Wear Length.....9mm (3/8")
- 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 WidthsSST/SAT2 Tensioners - 450 to 2400 mm (18" to 96"). Other sizes available upon request.
- Available for Belt WidthsMST Tensioners - 450 to 1800mm (18" to 72"). Other sizes available upon request.
- CEMA Cleaner ClassificationClass 5

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. KG.
1	450mm (18") Pole	MHSP-18	76178	21.0
	600mm (24") Pole	MHSP-24	75918	23.5
	750mm (30") Pole	MHSP-30	75919	25.9
	900mm (36") Pole	MHSP-36	75920	28.5
	1050mm (42") Pole	MHSP-42	75921	31.0
	1200mm (48") Pole	MHSP-48	75922	33.5
	1350mm (54") Pole	MHSP-54	75923	36.0
	1500mm (60") Pole	MHSP-60	75924	38.6
	1800mm (72") Pole	MHSP-72	75925	43.6
	2100mm (84") Pole	MHSP-84	76814	50.8
	2400mm (96") Pole	MHSP-96	79052	58.1
2	C-Tip*	ICT6	74535	0.3
2a	V-Tip* (for vulcanized belts only)	RSA150	73628	0.6
3	PowerFlex™ Cushion* (complete)	PFC	75927	1.9
3a	PowerFlex Cushion* SS (complete)	PFC-SS	76560	1.9
4a	Tension Spring - White (1 ea.) for belts 450 - 750mm (18" - 30")	STS-W	75846	0.2
4b	Tension Spring - Silver (1 ea.) for belts 900 - 1200mm (36" - 48")	STS-S	75843	0.4
4c	Tension Spring - Black (1 ea.) for belts 1350 - 2100mm (54" - 84")	STS-B	75844	0.5
4d	Tension Spring - Gold (1 ea.) for belts 2400mm (96")	STS-G	78142	0.6
5	HD Torsion Pole Mount* (1 ea.) (includes HD adjusting rod, nuts & sleeve) (See 9 & 9a for bushings)	SSTHDP	77868	6.8
6	HD Mounting Base Kit* (includes 1 mounting base, 2 slide guides, top hat bracket & bottom bushing)	SSTHDMK	77870	4.6
7	SST Hat Bracket (pair)	SSTHB	79582	1.6
8	Slide Guide Kit* (incl. 2 slide guides)	STGK2	77867	0.5
9a	SST Bushing Kit - White/Silver (includes 2 bushings)	SSTBK-W	76636	0.0
9b	SST Bushing Kit - Black/Gold (includes 2 bushings)	SSTBK-B	76637	0.0
10	SST Lower Bushing Kit (pair)	SSTLBK	79493	0.0
11	P Stainless Steel Shield	PSSS	74773	0.2
12	PowerFlex™ Reverse Shield	PFRS	76622	0.2
13	Polyurethane Cushion Shield	UPFCC	79320	0.1
14	Jam Nut Kit SST	JNK-C	79893	0.1

*Hardware Included

Lead time: 1 working day

Legacy Replacement Parts for

Tensioners shipped prior to Dec. 31, 2014*

L1	Adjusting Rod Kit (includes 1 rod, 2 nuts, 1 bushing, 1 washer) for belts 600 - 1500mm (24" - 60")	STAK	75847	1.3
L2	HD Adjusting Rod Kit (includes 1 rod, 2 nuts, 1 HD bushing, 1 washer) for belts 1800 - 2400mm (72" - 96")	STAKHD	75892	1.4
L3	Legacy SST Hat Channel Kit	SSTHK	79070	0.7
L4	SAT2 Adjusting Rod Kit (2 ea.)	SAT2AK	78733	2.3
-	SST Tensioner Bushing Update Kit (includes 2 lower bushings, 2 sleeves, 2 nuts)	SST-BUK	76943	0.1

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
-	HD Spring Tensioner* - White (includes 2 each items 4, 5, 6, & 9) for belts 450 - 750mm (18" - 30")	SST2HD-W	77879	27.5
-	HD Spring Tensioner* - Silver (includes 2 each items 4a, 5, 6, & 9) for belts 900 - 1200mm (36" - 48")	SST2HD-S	77880	27.9
-	HD Spring Tensioner* - Black (includes 2 each items 4b, 5, 6, & 9a) for belts 1350 - 2100mm (54" - 84")	SST2HD-B	77881	28.1
-	HD Spring Tensioner* - Gold (includes 2 each items 4c, 5, 6, & 9a) for belts 2400mm (96")	SST2HD-G	79041	28.4

Spring Tensioner Selection Chart

CLEANER SIZE	77879 SST2HD-W	77880 SST2HD-S	77881 SST2HD-B	79041 SST2HD-G
MHS 450 - 750mm (18" - 30")	X			
MHS 900 - 1200mm (36" - 48")		X		
MHS 1350 - 2100mm (54" - 84")			X	
MHS 2400mm (96")				X

*Verify if legacy parts are needed by looking at threaded rod. If it has standard threads, use legacy parts. If it has flat/acme threads, choose from regular replacement parts.

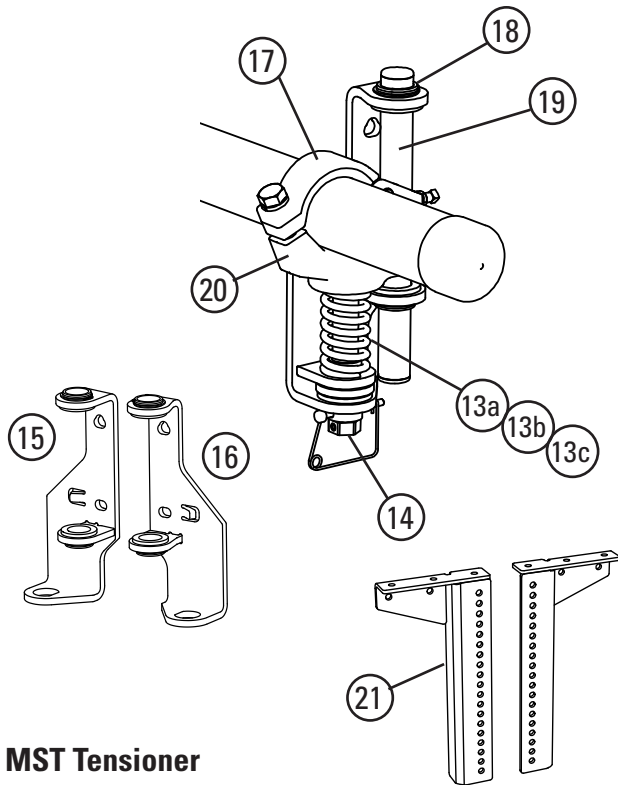
Standard thread profile

Acme/trapezoidal thread profile

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

Replacement Parts List

MHS Optional MST and SAT2 Tensioners



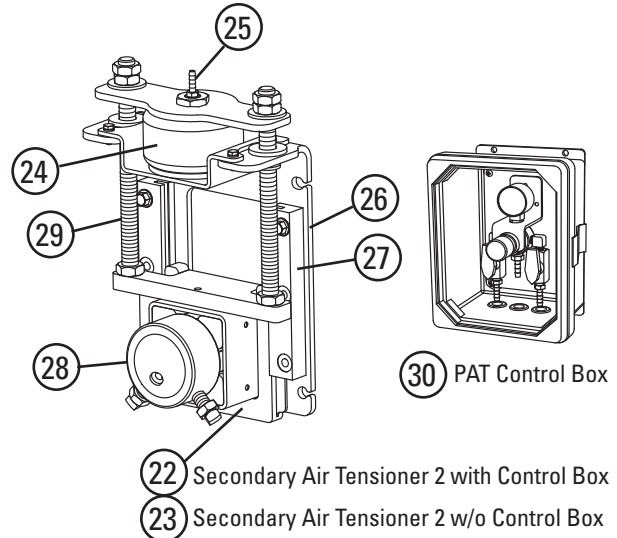
MST Tensioner Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
13a	Tension Spring - White (1 ea.) for belts 450 - 750mm (18" - 30")	STS-W	75846	0.2
13b	Tension Spring - Silver (1 ea.) for belts 900 - 1350mm (36" - 54")	STS-S	75843	0.4
13c	Tension Spring - Black (1 ea.) for belts 1500 - 1800mm (60" - 72")	STS-B	75844	0.5
14	MST Adjusting Mechanism	MSTAM	79435	1.3
15	MST Mounting Bracket LH (incl. bushings)	MST-MBL	79436	2.6
16	MST Mounting Bracket RH (incl. bushings)	MST-MBR	79437	2.6
17	MST HD Clamp*	MSTCHD	79439	1.1
18	MST Bushing Kit (incl. 4 bushings)	MSTBK	79440	0.1
19	MST Guide Pole	MSTGT	79441	0.7
20	MST HD Pole Mount*	MSTPMHD	79451	3.3
21	MST Drop Brackets (2)	MSTDB	79434	12.6
-	MST HD Tensioner w/White Spring* (incl. 1 ea. items 15,16,18; 2 ea. items 13a,14,17,19,20)	MSTHD-W	79431	16.7
-	MST HD Tensioner w/Silver Spring* (incl. 1 ea. items 15,16,18; 2 ea. items 13b,14,17,19,20)	MSTHD-S	79432	17.0
-	MST HD Tensioner w/Black Spring* (incl. 1 ea. items 15,16,18; 2 ea. items 13c,14,17,19,20)	MSTHD-B	79433	17.3

*Hardware included
Lead time: 1 working day

MST Spring Tensioner Selection Chart

CLEANER SIZE	79431 MSTHD-W	79432 MSTHD-S	79433 MSTHD-B
MHS 450 - 750mm (18" - 30")	X		
MHS 900 - 1350mm (36" - 54")		X	
MHS 1500 - 1800mm (60" - 72")			X



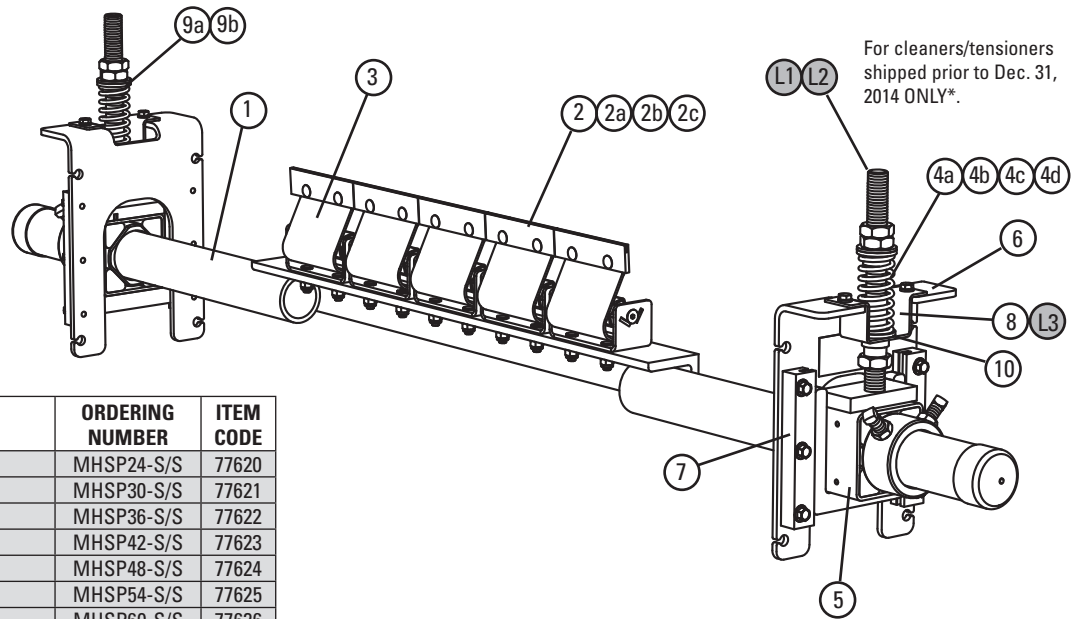
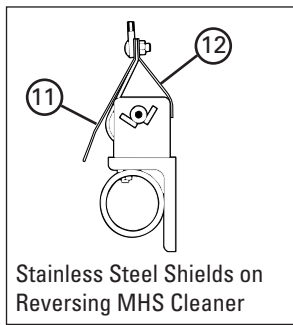
SAT2 (Secondary Air Tensioner 2) Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
22	SAT2 w/PAT Control Box	SAT2PAT	78735	19.7
23	SAT2 w/o Control Box	SAT2NCB	78703	18.6
24	SAT Air/Water Bag Kit (1 ea.)	SATB	76083	2.3
25	SAT 1/8" Hose Barb Kit (2 ea.)	SATHB	76084	0.0
26	SAT2 Mounting Base Kit (2 ea.)	SAT2MK	78704	5.3
27	ST Slide Guide Kit (1 ea.)	STGK2	77867	0.5
28	SAT2 Torsion Pole Mount (2 ea.) (incl. threaded rods and nuts)	SAT2PM	78732	5.0
29	SAT2 Adjusting Rod Kit	SAT2AK	78733	2.3
30	PAT Control Box 100psi	PACB100	79656	5.0

Lead time: 1 working day

Replacement Parts List

Stainless Steel MHS Heavy Duty Secondary Cleaner



For cleaners/tensioners shipped prior to Dec. 31, 2014 ONLY*.

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE
1	600mm (24") SS Pole	MHSP24-S/S	77620
	750mm (30") SS Pole	MHSP30-S/S	77621
	900mm (36") SS Pole	MHSP36-S/S	77622
	1050mm (42") SS Pole	MHSP42-S/S	77623
	1200mm (48") SS Pole	MHSP48-S/S	77624
	1350mm (54") SS Pole	MHSP54-S/S	77625
	1500mm (60") SS Pole	MHSP60-S/S	77626
	1800mm (72") SS Pole	MHSP72-S/S	77627
	2100mm (84") SS Pole	MHSP84-S/S	77628
	2400mm (96") SS Pole	MHSP96-S/S	79053
2	C-Tip*	ICT6	74535
2a	SS C-Tip	ICT6-S/S	78700
2b	V-Tip* (for vulcanized belts only)	RSA150	73628
2c	S/S V-Tip* (for vulcanized belts only)	RVT6-S/S	76205
3	PowerFlex Cushion* (complete)	PFC-SS	76560
4a	Tension Spring - White (1 ea.) for belts 450 - 750mm (18" - 30")	STS-W-S/S	77630
4b	Tension Spring - Silver (1 ea.) for belts 900 - 1200mm (36" - 48")	STS-S-S/S	77631
4c	Tension Spring - Black (1 ea.) for belts 1350 - 2100mm (54" - 84")	STS-B-S/S	77632
4d	Tension Spring - Gold (1 ea.) for belts 96" (2400)	STS-G-S/S	79057
5	SS HD Torsion Mounting Kit* (1 ea.) (includes adjusting rod, 3 nuts, & sleeve) (See 9 & 9a for bushings)	STHDP2-S/S	77633
6	SS Mounting Base Kit* (includes 1 mounting base, 2 slide guides, top hat bracket & bottom bushing)	STHDM2-S/S	77634
7	SS Base Mounting Kit* (includes 2 slide guides)	STGK2-S/S	77635
8	SST Hat Bracket S/S (pair)	SSTHB-S/S	79586
9a	SST Bushing Kit - White/Silver (includes 2 bushings)	SSTBK-W	76636
9b	SST Bushing Kit - Black/Gold (includes 2 bushings)	SSTBK-B	76637
10	SST Lower Bushing Kit (pair)	SSTLBK	79493
11	P Stainless Steel Shield	PSSS	74773
12	PowerFlex™ Reverse Shield	PFRS	76622
—	SS Spring Tensioner* - White (includes 2 each items 4, 5, 6 & 9) for belts 450 - 750mm (18" - 30")	SST2HD-W-S/S	77637
—	SS Spring Tensioner* - Silver (includes 2 each items 4a, 5, 6 & 9) for belts 900 - 1200mm (36" - 48")	SST2HD-S-S/S	77638
—	SS Spring Tensioner* - Black (includes 2 each items 4b, 5, 6 & 9a) for belts 1350 - 2100mm (54" - 84")	SST2HD-B-S/S	77639
—	SS Spring Tensioner* - Gold (includes 2 each items 4c, 5, 6 & 9a) for belts 2400mm (96")	SST2HD-G-S/S	79042

*Hardware Included
Lead time: 1 working day

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

Legacy Replacement Parts for Tensioners shipped prior to Dec. 31, 2014*

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE
L1	Adjusting Rod Kit* (includes 1 rod, 2 nuts, 1 bushing, 1 washer) for belts 450 - 1500mm (18" - 60")	STAK	75847
L2	HD Adjusting Rod Kit* (includes 1 rod, 2 nuts, 1 HD bushing, 1 washer) for belts 1800 - 2400mm (72" - 96")	STAKHD	75892
L3	SST Hat Channel Kit S/S	SSTHK-S/S	79071
—	SS Bushing Update Kit (includes 2 ea. lower bushings, sleeves, nuts)	SST-BUK-S/S	77636

*Verify if legacy parts are needed by looking at threaded rod. If it has standard threads, use legacy parts. If it has flat/acme threads, choose from regular replacement parts.


Standard thread profile


Acme/trapezoidal thread profile

Spring Tensioner Selection Chart

CLEANER SIZE	77637 SSTHD-W-S/S	77638 SSTHD-S-S/S	77639 SSTHD-B-S/S	79042 SST2HD-G-S/S
MHS S/S 450 - 750mm (18" - 30")	X			
MHS S/S 900 - 1200mm 36" - 48"		X		
MHS S/S 1350 - 2100mm (54" - 84")			X	
MHS S/S 2400mm (96")				X

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

Product Ordering Information

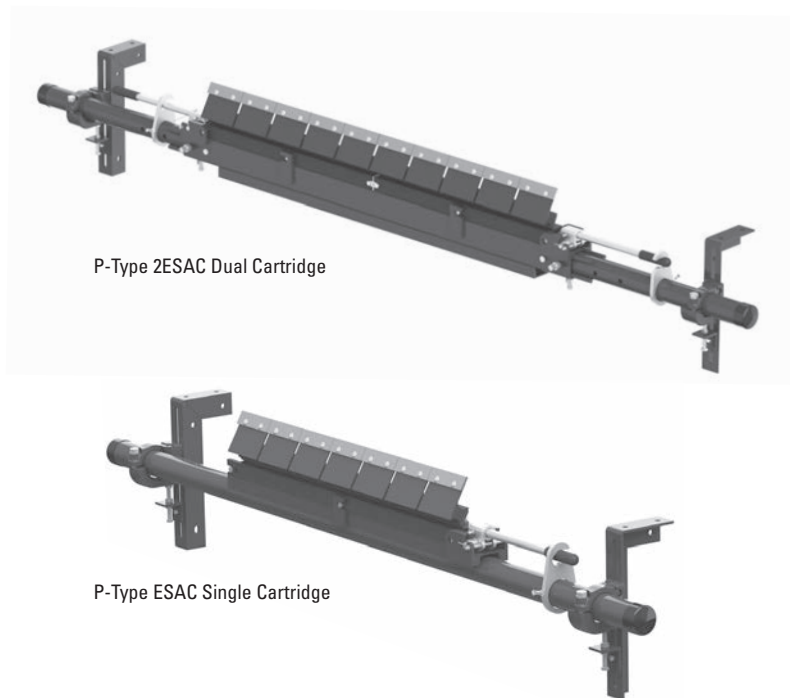
P-Type® ESAC
Secondary Cleaner
with Enhanced Service Advantage Cartridge

P-Type ESAC Secondary with C-Tips

CLEANER COMPLETE				
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	PC24-ESAC	77955	62.3
750	30	PC30-ESAC	77956	68.4
900	36	PC36-ESAC	77957	74.4
1050	42	PC42-ESAC	77958	80.4
1200	48	PC48-ESAC	77959	86.4
1350	54	PC54-ESAC	77960	92.5
1500	60	PC60-ESAC	77961	98.5
1800	72	PC72-ESAC	77962	110.6
1500	60	PC60-2ESAC	77963	137.8
1800	72	PC72-2ESAC	77964	150.0
2100	84	PC84-2ESAC	77965	162.5
2400	96	PC96-2ESAC	77966	174.7
3000	120	PC120-2ESAC	77967	201.3

Lead time: 1 working day

Shaded items are made to order.
Lead time: 15 working days



P-Type ESAC Secondary with V-Tips*

CLEANER COMPLETE				
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	PV24-ESAC	77981	62.3
750	30	PV30-ESAC	77982	68.4
900	36	PV36-ESAC	77983	74.4
1050	42	PV42-ESAC	77984	80.4
1200	48	PV48-ESAC	77985	86.4
1350	54	PV54-ESAC	77986	92.5
1500	60	PV60-ESAC	77987	98.5
1800	72	PV72-ESAC	77988	110.6
1500	60	PV60-2ESAC	77989	137.8
1800	72	PV72-2ESAC	77990	150.0
2100	84	PV84-2ESAC	77991	162.5
2400	96	PV96-2ESAC	77992	174.7
3000	120	PV120-2ESAC	77993	201.3

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

Lead time: 1 working day

Shaded items are made to order.
Lead time: 15 working days

Replacement Tips

ORDERING NUMBER	ITEM CODE	WT. KG.
ICT6	74535	0.3
PSA150	73156	0.5

Lead time: 1 working day

Tips Required Per Cleaner Size

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

Product Notes:

- Patented Enhanced Service Advantage Cartridge™ allows for easy removal in even the dirtiest conditions.
- Pole Length: Belt width plus 1350mm (54") (single cartridge cleaners); Belt width plus 1500mm (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.

U.S. Patent No. 7,987,966; 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. KG.
mm	in.			
600	24	P-CARK-C24/600	78072	11.4
750	30	P-CARK-C30/750	78073	13.6
900	36	P-CARK-C36/900	78074	15.7
1050	42	P-CARK-C42/1050	78075	17.9
1200	48	P-CARK-C48/1200	78076	20.0
1350	54	P-CARK-C54/1350	78077	22.2
1500	60	P-CARK-C60/1500	78078	24.4
1800	72	P-CARK-C72/1800	78079	28.7
1500	60	P-CARK2-C60/1500	78088	39.7
1800	72	P-CARK2-C72/1800	78089	46.4
2100	84	P-CARK2-C84/2100	78090	53.2
2400	96	P-CARK2-C96/2400	78091	59.9
3000	120	P-CARK2-C120/3000	78092	73.6

Lead time: 1 working day

P-Type ESAC Cartridge Kits with V-Tips*

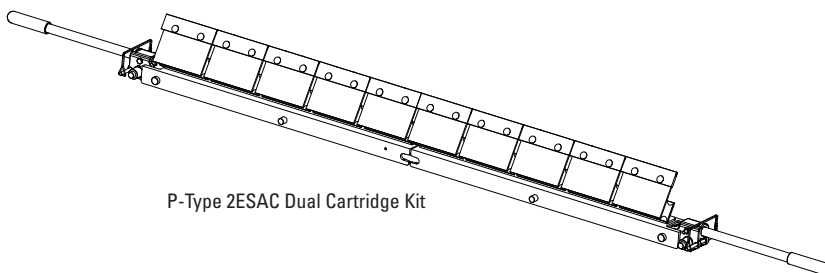
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	P-CARK-V24/600	78080	11.4
750	30	P-CARK-V30/750	78081	13.6
900	36	P-CARK-V36/900	78082	15.7
1050	42	P-CARK-V42/1050	78083	17.9
1200	48	P-CARK-V48/1200	78084	20.0
1350	54	P-CARK-V54/1350	78085	22.2
1500	60	P-CARK-V60/1500	78086	24.4
1800	72	P-CARK-V72/1800	78087	28.7
1500	60	P-CARK2-V60/1500	78093	39.7
1800	72	P-CARK2-V72/1800	78094	46.4
2100	84	P-CARK2-V84/2100	78095	53.2
2400	96	P-CARK2-V96/2400	78096	59.9
3000	120	P-CARK2-V120/3000	78097	73.6

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

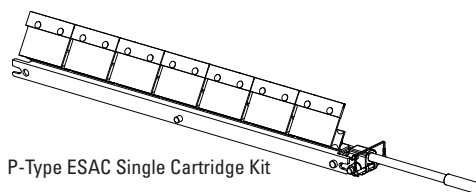
Lead time: 1 working day

Shaded items are made to order.

Lead time: 15 working days



P-Type 2ESAC Dual Cartridge Kit



P-Type ESAC Single Cartridge Kit

U.S. Patent No. 7,987,966; Patent Pending

Specifications & Guidelines

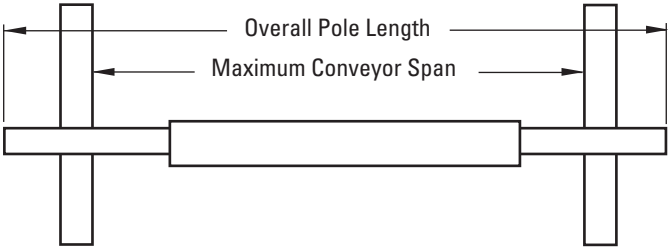
P-Type® ESAC Secondary Cleaner

with Enhanced Service Advantage Cartridge

Pole Length Specifications*

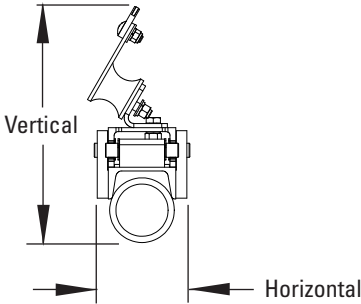
VERSION	CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
	mm	in.	mm	in.	mm	in.	mm	in.
Single	600	24	600	24	1950	78	1650	66
	750	30	750	30	2100	84	1800	72
	900	36	900	36	2250	90	1950	78
	1050	42	1050	42	2400	96	2100	84
	1200	48	1200	48	2550	102	2250	90
	1350	54	1350	54	2700	108	2400	96
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

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 750mm (30") of extended pole length. (page 133). Pole Diameter - 73mm (2-7/8")



Clearance Guidelines for Installation

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



Aluminum Content

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

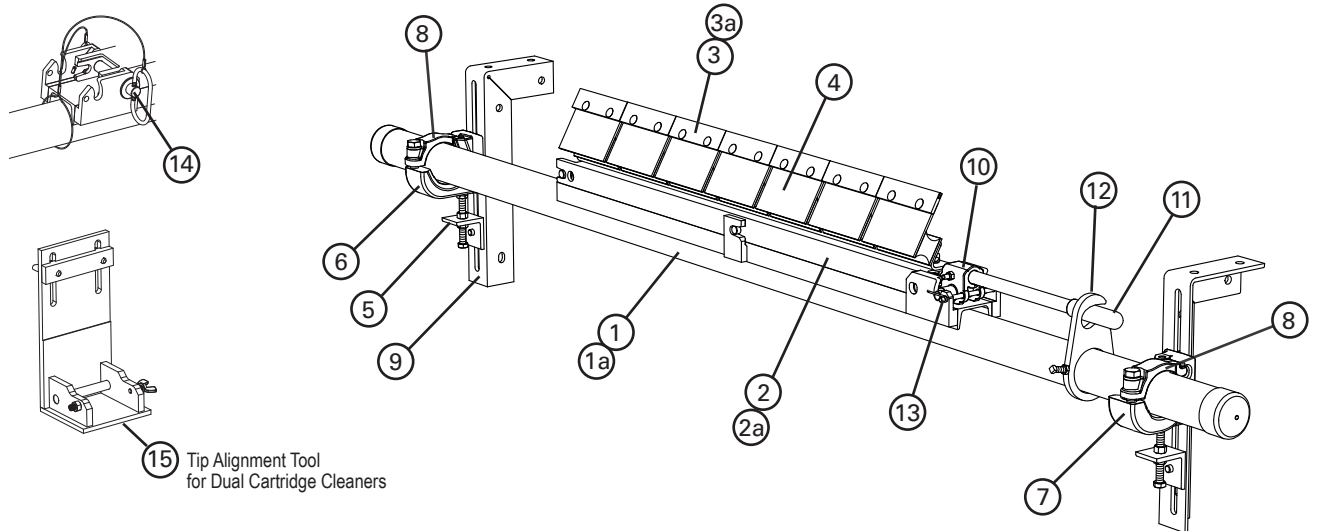
Specifications:

- Maximum Belt Speed5m/s (1000 FPM)
- Temperature Rating-35°C to 82°C (-30°F to 180°F)
- Usable Blade Wear Length9mm (3/8")
- 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.....600 to 3000mm (24" to 120"). Other sizes available upon request.
- CEMA Cleaner ClassificationClass 4

U.S. Patent No. 7,987,966; Patent Pending

Replacement Parts List

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



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	ESAC Cartridge Pole 600mm (24")	SACPL-24/600	77887	29.7
	ESAC Cartridge Pole 750mm (30")	SACPL-30/750	77888	32.3
	ESAC Cartridge Pole 900mm (36")	SACPL-36/900	77889	35.0
	ESAC Cartridge Pole 1050mm (42")	SACPL-42/1050	77890	37.6
	ESAC Cartridge Pole 1200mm (48")	SACPL-48/1200	77891	40.3
	ESAC Cartridge Pole 1350mm (54")	SACPL-54/1350	77892	42.9
	ESAC Cartridge Pole 1500mm (60")	SACPL-60/1500	77893	45.6
	ESAC Cartridge Pole 1800mm (72")	SACPL-72/1800	77894	50.9
	ESAC Cartridge Center Pole 1500mm (60") (Dual)	SACPL2-60/1500	77895	35.1
	ESAC Cartridge Center Pole 1800mm (72") (Dual)	SACPL2-72/1800	77896	40.6
	ESAC Cartridge Center Pole 2100mm (84") (Dual)	SACPL2-84/2100	77897	46.2
	ESAC Cartridge Center Pole 2400mm (96") (Dual)	SACPL2-96/2400	77898	51.8
	ESAC Cartridge Center Pole 3000mm (120") (Dual)	SACPL2-120/3000	77899	64.5
1a	Extender Pole (for use with Dual Cartridge Center Pole)	MHP-EP	76392	24.5
2	ESAC Cartridge 600mm (24")	CART-24/600	77900	1.6
	ESAC Cartridge 750mm (30")	CART-30/750	77901	2.0
	ESAC Cartridge 900mm (36")	CART-36/900	77902	2.3
	ESAC Cartridge 1050mm (42")	CART-42/1050	77903	2.7
	ESAC Cartridge 1200mm (48")	CART-48/1200	77904	3.0
	ESAC Cartridge 1350mm (54")	CART-54/1350	77905	3.4
	ESAC Cartridge 1500mm (60")	CART-60/1500	77906	3.8
	ESAC Cartridge 1800mm (72")	CART-72/1800	77907	4.5
	ESAC Cartridge 1500mm (60") (Dual)	CART2-60/1500	77908	3.9
	ESAC Cartridge 1800mm (72") (Dual)	CART2-72/1800	77909	4.6
	ESAC Cartridge 2100mm (84") (Dual)	CART2-84/2100	77910	5.3
	ESAC Cartridge 2400mm (96") (Dual)	CART2-96/2400	77911	6.0
	ESAC Cartridge 3000mm (120") (Dual)	CART2-120/3000	77912	7.6
	ESAC Cartridge P-Type Adapter Plate 600mm	PCAP-24/600	77913	2.1
2a	ESAC Cartridge P-Type Adapter Plate 750mm§	PCAP-30/750	77914	2.8
	ESAC Cartridge P-Type Adapter Plate 900mm§	PCAP-36/900	77915	3.3
	ESAC Cartridge P-Type Adapter Plate 1050mm§	PCAP-42/1050	77916	3.9
	ESAC Cartridge P-Type Adapter Plate 1200mm§	PCAP-48/1200	77917	4.4
	ESAC Cartridge P-Type Adapter Plate 1350mm	PCAP-54/1350	77918	5.0
	ESAC Cartridge P-Type Adapter Plate 1500mm§	PCAP-60/1500	77919	5.6
	ESAC Cartridge P-Type Adapter Plate 1800mm	PCAP-72/1800	77920	6.7

§ 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. KG.
3	C-Tip*	ICT6	74535	0.3
3a	P V-Tip* (for vulcanized belts only)	PSA150	73156	0.5
4	P2 C-Tip Cushion*	PHA	73626	0.9
5	Adjusting Bracket Kit* (1 ea.)	PAB	75513	0.7
6	HD Pole Clamp Kit Left* (1 ea.) (incl. item 8)	CCKHDL	79225	3.9
7	HD Pole Clamp Kit Right* (1 ea.) (incl. item 8)	CCKHDR	79229	3.9
8	HD Cradle Clamp Top Strap (1 ea.) for use with L or R HD Pole Clamp Kit	CCKHDTS	79233	0.8
9	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	5.9
-	HD Cradle Clamp Mounting Kit* (incl. 2 items 5, 1 ea. items 6, 7 & 9)	CCMKHD	78920	16.6
10	ESAC Removal Knuckle	SACRKN	77882	1.5
11	ESAC Removal Handle	SACRH	77883	1.4
12	ESAC Handle Lock Plate	SACRHL	77884	0.8
13	Knuckle Retainer Pin	SACKRP	77885	0.1
14	SAC Hitch Pin	SACHP2	77768	0.4
-	ESAC Removal Kit (includes 1 ea. items 10-14)	SACRKT	77886	4.1
15	ESAC Cartridge Tip Alignment Tool (Dual)	SAC2-TIP-TL	77866	1.1

*Hardware Included
Lead Time: 1 working day

Shaded items are 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. KG.
mm	in.			
600	24	RC24-ESAC	77968	60.6
750	30	RC30-ESAC	77969	66.2
900	36	RC36-ESAC	77970	71.8
1050	42	RC42-ESAC	77971	77.4
1200	48	RC48-ESAC	77972	83.0
1350	54	RC54-ESAC	77973	88.6
1500	60	RC60-ESAC	77974	94.3
1800	72	RC72-ESAC	77975	105.4
1500	60	RC60-2ESAC	77976	107.5
1800	72	RC72-2ESAC	77977	117.7
2100	84	RC84-2ESAC	77978	127.8
2400	96	RC96-2ESAC	77979	138.0
3000	120	RC120-2ESAC	77980	160.6

Lead time: 1 working day

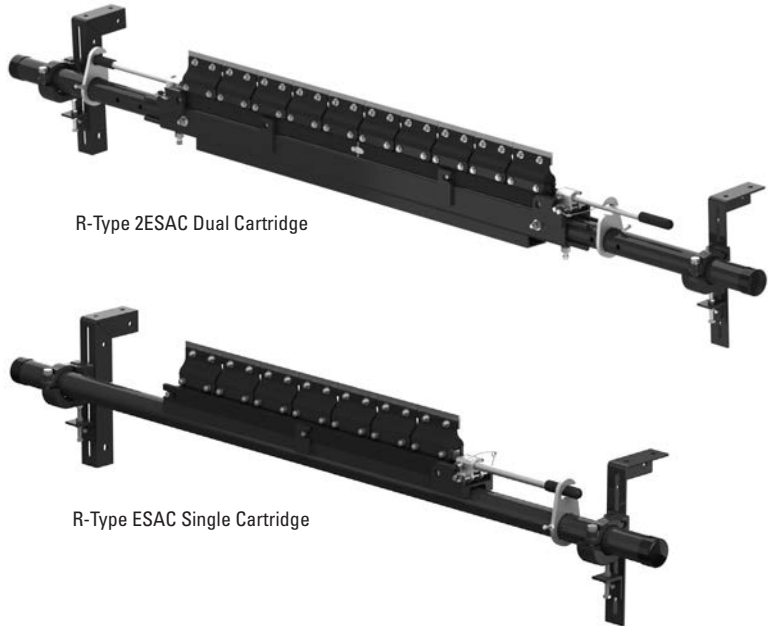
R-Type ESAC Secondary with V-Tips*

CLEANER COMPLETE				
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	RV24-ESAC	77994	60.6
750	30	RV30-ESAC	77995	66.2
900	36	RV36-ESAC	77996	71.8
1050	42	RV42-ESAC	77997	77.4
1200	48	RV48-ESAC	77998	83.0
1350	54	RV54-ESAC	77999	88.6
1500	60	RV60-ESAC	78000	94.3
1800	72	RV72-ESAC	78001	105.4
1500	60	RV60-2ESAC	78002	107.5
1800	72	RV72-2ESAC	78003	117.7
2100	84	RV84-2ESAC	78004	127.8
2400	96	RV96-2ESAC	78005	138.0
3000	120	RV120-2ESAC	78006	160.6

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

Lead time: 1 working day

Shaded items are made to order.
Lead time: 15 working days



R-Type 2ESAC Dual Cartridge

R-Type ESAC Single Cartridge

Replacement Tips

ORDERING NUMBER	ITEM CODE	WT. KG.
ICT6	74535	0.3
RSA150	73628	0.6

Lead time: 1 working day

Tips Required Per Cleaner Size

mm	600	750	900	1050	1200	1350	1500	1800	2100	2400	3000
in.	24	30	36	42	48	54	60	72	84	96	120
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 1350mm (54") (single cartridge cleaners); Belt width plus 1500mm (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.

U.S. Patent No. 7,987,966; Patent Pending

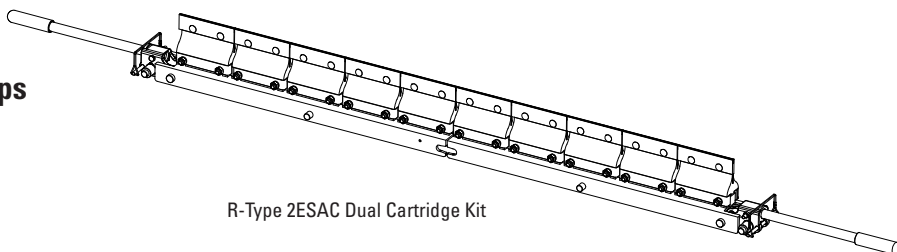
Product Ordering Information

R-Type® ESAC Secondary Cleaner Replacement Cartridge Kits

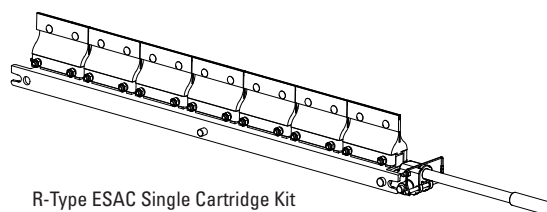
R-Type ESAC Cartridge Kits with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	R-CARK-C24/600	78098	12.3
750	30	R-CARK-C30/750	78099	14.7
900	36	R-CARK-C36/900	78100	16.5
1050	42	R-CARK-C42/1050	78101	19.3
1200	48	R-CARK-C48/1200	78102	21.6
1350	54	R-CARK-C54/1350	78103	24.0
1500	60	R-CARK-C60/1500	78104	26.4
1800	72	R-CARK-C72/1800	78105	31.1
1500	60	R-CARK2-C60/1500	78114	31.6
1800	72	R-CARK2-C72/1800	78115	33.9
2100	84	R-CARK2-C84/2100	78116	38.6
2400	96	R-CARK2-C96/2400	78117	43.3
3000	120	R-CARK2-C120/3000	78118	52.8

Lead time: 1 working day



R-Type 2ESAC Dual Cartridge Kit



R-Type ESAC Single Cartridge Kit

R-Type ESAC Cartridge Kits with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	R-CARK-V24/600	78106	12.3
750	30	R-CARK-V30/750	78107	14.7
900	36	R-CARK-V36/900	78108	16.5
1050	42	R-CARK-V42/1050	78109	19.3
1200	48	R-CARK-V48/1200	78110	21.6
1350	54	R-CARK-V54/1350	78111	24.0
1500	60	R-CARK-V60/1500	78112	26.4
1800	72	R-CARK-V72/1800	78113	31.1
1500	60	R-CARK2-V60/1500	78119	31.6
1800	72	R-CARK2-V72/1800	78120	33.9
2100	84	R-CARK2-V84/2100	78121	38.6
2400	96	R-CARK2-V96/2400	78122	43.3
3000	120	R-CARK2-V120/3000	78123	52.8

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

Lead time: 1 working day

Shaded items are made to order.
Lead time: 15 working days

U.S. Patent No. 7,987,966; Patent Pending

Specifications & Guidelines

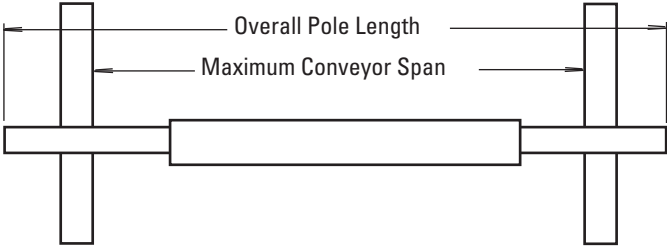
R-Type® ESAC

Secondary Cleaner

with Enhanced Service Advantage Cartridge

Pole Length Specifications*

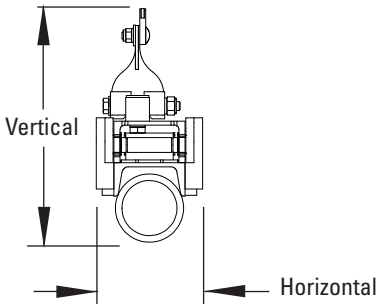
VERSION	CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
	mm	in.	mm	in.	mm	in.	mm	in.
Single	600	24	600	24	1950	78	1650	66
	750	30	750	30	2100	84	1800	72
	900	36	900	36	2250	90	1950	78
	1050	42	1050	42	2400	96	2100	84
	1200	48	1200	48	2550	102	2250	90
	1350	54	1350	54	2700	108	2400	96
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



*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 750mm (30") of extended pole length. (page 133). Pole Diameter - 73mm (2-7/8")

Clearance Guidelines for Installation

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



Aluminum Content

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

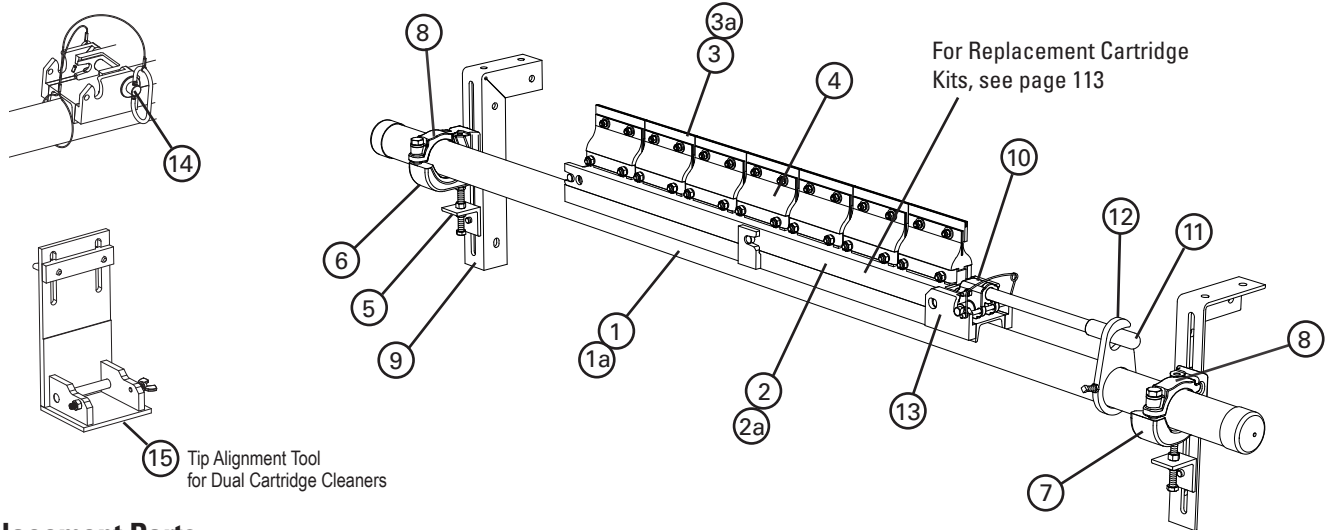
Specifications:

- Maximum Belt Speed5m/s (1000 FPM)
- Temperature Rating-35°C to 82°C (-30°F to 180°F)
- Usable Blade Wear Length9mm (3/8")
- 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.....600 to 3000mm (24" to 120"). Other sizes available upon request.
- CEMA Cleaner ClassificationClass 4

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Replacement Parts List

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



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	ESAC Cartridge Pole 600mm (24")	SACPL-24/600	77887	29.7
	ESAC Cartridge Pole 750mm (30")	SACPL-30/750	77888	32.3
	ESAC Cartridge Pole 900mm (36")	SACPL-36/900	77889	35.0
	ESAC Cartridge Pole 1050mm (42")	SACPL-42/1050	77890	37.6
	ESAC Cartridge Pole 1200mm (48")	SACPL-48/1200	77891	40.3
	ESAC Cartridge Pole 1350mm (54")	SACPL-54/1350	77892	42.9
	ESAC Cartridge Pole 1500mm (60")	SACPL-60/1500	77893	45.6
	ESAC Cartridge Pole 1800mm (72")	SACPL-72/1800	77894	50.9
	ESAC Cartridge Center Pole 1500mm (60") (Dual)	SACPL2-60/1500	77895	35.1
	ESAC Cartridge Center Pole 1800mm (72") (Dual)	SACPL2-72/1800	77896	40.6
	ESAC Cartridge Center Pole 2100mm (84") (Dual)	SACPL2-84/2100	77897	46.2
	ESAC Cartridge Center Pole 2400mm (96") (Dual)	SACPL2-96/2400	77898	51.8
	ESAC Cartridge Center Pole 3000mm (120") (Dual)	SACPL2-120/3000	77899	64.5
1a	Extender Pole (for use with Dual Cartridge Center Pole)	MHP-EP	76392	24.5

2	ESAC Cartridge 600mm (24")	CART-24/600	77900	1.6
	ESAC Cartridge 750mm (30")	CART-30/750	77901	2.0
	ESAC Cartridge 900mm (36")	CART-36/900	77902	2.3
	ESAC Cartridge 1050mm (42")	CART-42/1050	77903	2.7
	ESAC Cartridge 1200mm (48")	CART-48/1200	77904	3.0
	ESAC Cartridge 1350mm (54")	CART-54/1350	77905	3.4
	ESAC Cartridge 1500mm (60")	CART-60/1500	77906	3.8
	ESAC Cartridge 1800mm (72")	CART-72/1800	77907	4.5
	ESAC Cartridge 1500mm (60") (Dual)	CART2-60/1500	77908	3.9
	ESAC Cartridge 1800mm (72") (Dual)	CART2-72/1800	77909	4.6
	ESAC Cartridge 2100mm (84") (Dual)	CART2-84/2100	77910	5.3
	ESAC Cartridge 2400mm (96") (Dual)	CART2-96/2400	77911	6.0
	ESAC Cartridge 3000mm (120") (Dual)	CART2-120/3000	77912	7.6
2a	ESAC Cartridge P-Type Adapter Plate 600mm	RCAP-24/600	77921	2.9
	ESAC Cartridge P-Type Adapter Plate 750mm§	RCAP-30/750	77922	3.6
	ESAC Cartridge P-Type Adapter Plate 900mm§	RCAP-36/900	77923	4.3
	ESAC Cartridge P-Type Adapter Plate 1050mm§	RCAP-42/1050	77924	5.0
	ESAC Cartridge P-Type Adapter Plate 1200mm§	RCAP-48/1200	77925	5.7
	ESAC Cartridge P-Type Adapter Plate 1350mm	RCAP-54/1350	77926	6.4
	ESAC Cartridge P-Type Adapter Plate 1500mm§	RCAP-60/1500	77927	7.2
	ESAC Cartridge P-Type Adapter Plate 1800mm	RCAP-72/1800	77928	8.6

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
3	C-Tip*	ICT6	74535	0.3
3a	R V-Tip* (for vulcanized belts only)	RSA150	73628	0.6
4	R2 C-Tip Cushion*	RSA	76249	0.9
5	Adjusting Bracket Kit* (1 ea.)	PAB	75513	0.7
6	HD Pole Clamp Kit Left* (1 ea.) (incl. item 8)	CCKHDL	79225	3.9
7	HD Pole Clamp Kit Right* (1 ea.) (incl. item 8)	CCKHDR	79229	3.9
8	HD Cradle Clamp Top Strap (1 ea.) for use with L or R HD Pole Clamp Kit	CCKHDS	79233	0.8
9	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	5.9
-	HD Cradle Clamp Mounting Kit* (incl. 2 ea. items 5; 1 ea. items 6, 7 & 9)	CCMKHD	78920	16.6
10	ESAC Removal Knuckle	SACRKN	77882	1.5
11	ESAC Removal Handle	SACRH	77883	1.4
12	ESAC Handle Lock Plate	SACRHL	77884	0.8
13	Knuckle Retainer Pin	SACKRP	77885	0.1
14	SAC Hitch Pin	SACHP2	77768	0.4
-	ESAC Removal Kit (includes 1 ea. items 10, 11, 12, 13 & 14)	SACRKT	77886	4.1
15	ESAC Cartridge Tip Alignment Tool (Dual)	SAC2-TIP-TL	77866	1.1

*Hardware Included
Lead Time: 1 working day

Shaded items are made to order.
Lead time: 15 working days

§ 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.

Product Ordering Information

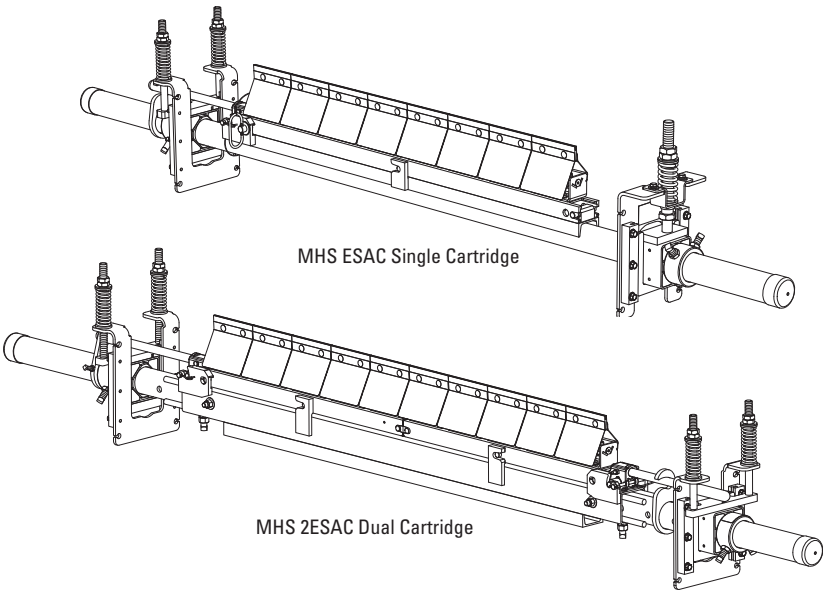
MHS ESAC HD Secondary Cleaner

with Enhanced Service Advantage Cartridge

MHS ESAC Secondary with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	MHS-24-ESAC	77840	88.5
750	30	MHS-30-ESAC	77841	93.7
900	36	MHS-36-ESAC	77842	99.1
1050	42	MHS-42-ESAC	77843	104.4
1200	48	MHS-48-ESAC	77844	109.6
1350	54	MHS-54-ESAC	77845	114.8
1500	60	MHS-60-ESAC	77846	120.2
1800	72	MHS-72-ESAC	77847	130.8
1500	60	MHS-60-2ESAC	77848	140.2
1800	72	MHS-72-2ESAC	77849	151.0
2100	84	MHS-84-2ESAC	77850	161.8
2400	96	MHS-96-2ESAC	77851	172.9
3000	120	MHS-120-2ESAC	77852	196.2

Lead time: 1 working day



MHS ESAC Secondary with V-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	MHS-24V-ESAC	77853	88.5
750	30	MHS-30V-ESAC	77854	93.7
900	36	MHS-36V-ESAC	77855	99.1
1050	42	MHS-42V-ESAC	77856	104.4
1200	48	MHS-48V-ESAC	77857	109.6
1350	54	MHS-54V-ESAC	77858	114.8
1500	60	MHS-60V-ESAC	77859	120.2
1800	72	MHS-72V-ESAC	77860	130.8
1500	60	MHS-60V-2ESAC	77861	140.2
1800	72	MHS-72V-2ESAC	77862	151.0
2100	84	MHS-84V-2ESAC	77863	161.8
2400	96	MHS-96V-2ESAC	77864	172.9
3000	120	MHS-120V-2ESAC	77865	196.2

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

Lead time: 1 working day

Shaded items are made to order.
 Lead time: 15 working days

Lead time: 1 working day

Lead time: 1 working day

Tips Required per Cleaner Size

mm	600	750	900	1050	1200	1350	1500	1800	2100	2400	3000
in.	24	30	36	42	48	54	60	72	84	96	120
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 1350mm (54") (single cartridge cleaners); Belt width plus 1500mm (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.

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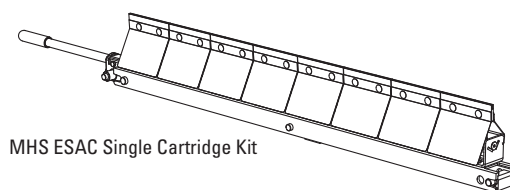
Product Ordering Information

MHS ESAC HD Secondary Cleaner Replacement Cartridge Kits

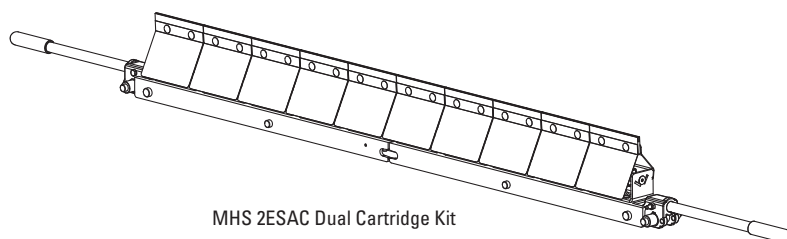
MHS ESAC Cartridge Kits with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	MHS-CARK-C24/600	77929	13.3
750	30	MHS-CARK-C30/750	77930	15.9
900	36	MHS-CARK-C36/900	77931	18.5
1050	42	MHS-CARK-C42/1050	77932	21.1
1200	48	MHS-CARK-C48/1200	77933	23.7
1350	54	MHS-CARK-C54/1350	77934	26.3
1500	60	MHS-CARK-C60/1500	77935	28.9
1800	72	MHS-CARK-C72/1800	77936	34.2
1500	60	MHS-CARK2-C60/1500	77945	31.8
1800	72	MHS-CARK2-C72/1800	77946	37.0
2100	84	MHS-CARK2-C84/2100	77947	42.2
2400	96	MHS-CARK2-C96/2400	77948	47.4
3000	120	MHS-CARK2-C120/3000	77949	57.9

Lead time: 1 working day



MHS ESAC Single Cartridge Kit



MHS 2ESAC Dual Cartridge Kit

MHS ESAC Cartridge Kits with V-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	MHS-CARK-V24/600	77937	13.3
750	30	MHS-CARK-V30/750	77938	15.9
900	36	MHS-CARK-V36/900	77939	18.5
1050	42	MHS-CARK-V42/1050	77940	21.1
1200	48	MHS-CARK-V48/1200	77941	23.7
1350	54	MHS-CARK-V54/1350	77942	26.3
1500	60	MHS-CARK-V60/1500	77943	28.9
1800	72	MHS-CARK-V72/1800	77944	34.2
1500	60	MHS-CARK2-V60/1500	77950	31.8
1800	72	MHS-CARK2-V72/1800	77951	37.0
2100	84	MHS-CARK2-V84/2100	77952	42.2
2400	96	MHS-CARK2-V96/2400	77953	47.4
3000	120	MHS-CARK2-V120/3000	77954	57.9

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

Lead time: 1 working day

Shaded items are made to order.
Lead time: 15 working days

U.S. Patent No. 7,987,966; Patent Pending

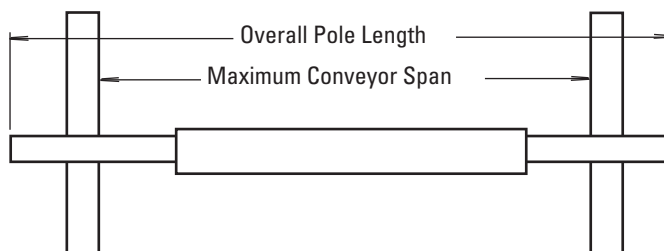
Specifications & Guidelines

MHS ESAC HD Secondary Cleaner with Enhanced Service Advantage Cartridge

Pole Length Specifications*

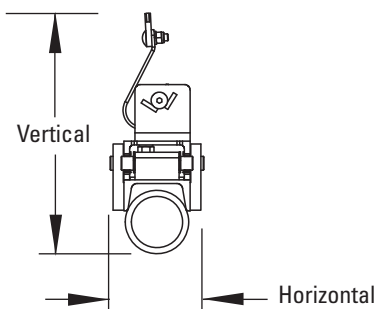
VERSION	CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
	mm	in.	mm	in.	mm	in.	mm	in.
Single	600	24	600	24	1950	78	1650	66
	750	30	750	30	2100	84	1800	72
	900	36	900	36	2250	90	1950	78
	1050	42	1050	42	2400	96	2100	84
	1200	48	1200	48	2550	102	2250	90
	1350	54	1350	54	2700	108	2400	96
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

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 750mm (30") of extended pole length. (page 133). Pole Diameter - 73mm (2-7/8")



Clearance Guidelines for Installation

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



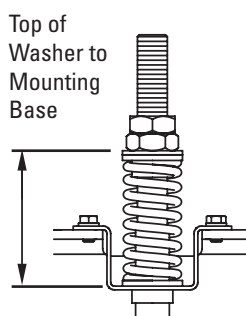
Aluminum Content

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
600mm	78mm	99mm	N/A
750mm	72mm	97mm	N/A
900mm	N/A	94mm	98mm
1050mm	N/A	91mm	95mm
1200mm	N/A	88mm	93mm
1350mm	N/A	86mm	91mm
1500mm	N/A	83mm	89mm
1800mm	N/A	N/A	84mm

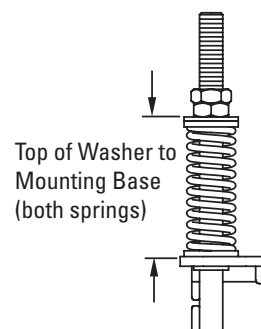
Shading indicates preferred spring option



Spring Length Chart for CST Spring Tensioner

BLADE WIDTH	WHITE SPRING	SILVER SPRING	BLACK SPRING	GOLD SPRING
600mm	78mm	99mm	N/A	N/A
750mm	72mm	97mm	N/A	N/A
900mm	N/A	94mm	98mm	N/A
1050mm	N/A	91mm	95mm	N/A
1200mm	N/A	88mm	93mm	N/A
1350mm	N/A	86mm	91mm	N/A
1500mm	N/A	83mm	89mm	103mm
1800mm	N/A	N/A	84mm	101mm
2100mm	N/A	N/A	80mm	99mm
2400mm	N/A	N/A	N/A	97mm
3000mm	N/A	N/A	N/A	93mm

Shading indicates preferred spring option



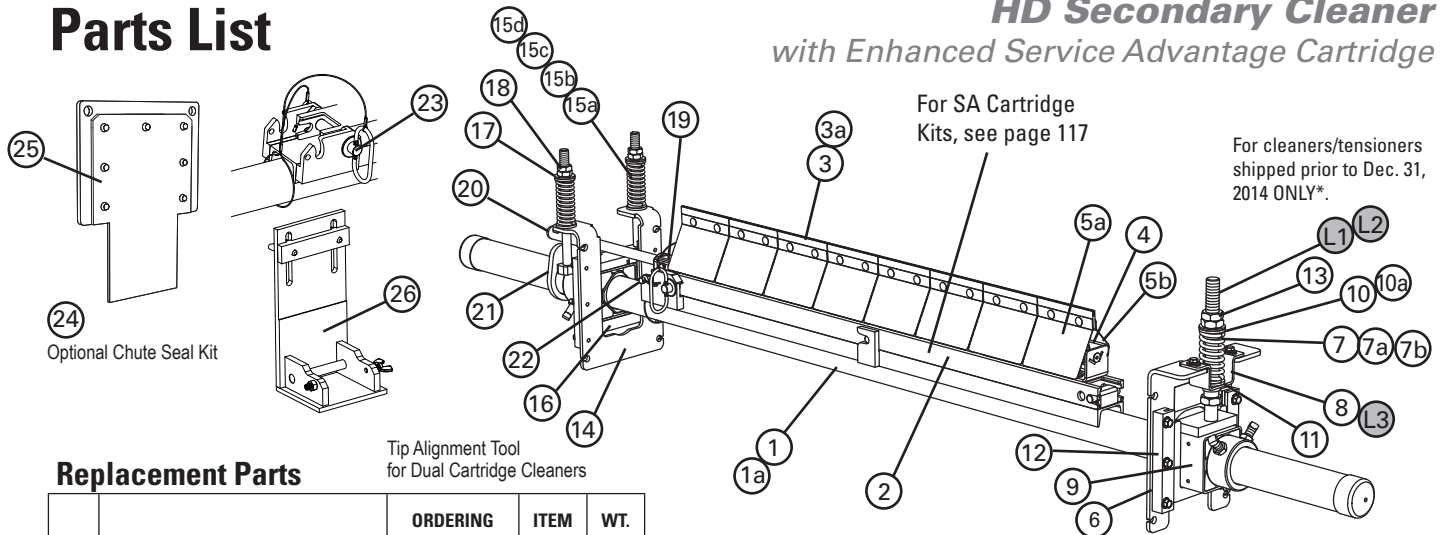
Specifications:

- Maximum Belt Speed 6m/s (1200 FPM)
- Temperature Rating -35°C to 82°C (-30°F to 180°F)
- Usable Blade Wear Length 9mm (3/8")
- 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..... 600 to 3000mm (24" to 120"). Other sizes available upon request.
- CEMA Cleaner Classification Class 5

U.S. Patent No. 7,987,966; Patent Pending

Replacement Parts List

MHS ESAC HD Secondary Cleaner with Enhanced Service Advantage Cartridge



For cleaners/tensioners shipped prior to Dec. 31, 2014 ONLY*.

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	ESAC Cartridge Pole 24"	SACPL-24/600	77887	29.7
	ESAC Cartridge Pole 30"	SACPL-30/750	77888	32.3
	ESAC Cartridge Pole 900mm (36")	SACPL-36/900	77889	35.0
	ESAC Cartridge Pole 1050mm (42")	SACPL-42/1050	77890	37.6
	ESAC Cartridge Pole 1200mm (48")	SACPL-48/1200	77891	40.3
	ESAC Cartridge Pole 1350mm (54")	SACPL-54/1350	77892	42.9
	ESAC Cartridge Pole 1500mm (60")	SACPL-60/1500	77893	45.6
	ESAC Cartridge Pole 1800mm (72")	SACPL-72/1800	77894	50.9
	ESAC Cartridge Center Pole 1500mm (60" Dual)	SACPL-60/1500	77895	35.1
	ESAC Cartridge Center Pole 1800mm (72" Dual)	SACPL-72/1800	77896	40.6
2	ESAC Cartridge Center Pole 2100mm (84" Dual)	SACPL-84/2100	77897	46.2
	ESAC Cartridge Center Pole 2400mm (96" Dual)	SACPL-96/2400	77898	51.8
	ESAC Cartridge Center Pole 3000mm (120" Dual)	SACPL-120/3000	77899	64.5
1a	Extender Pole (for use with Dual Cartridge Center Pole)	MHP-EP	76392	24.5
3	ESAC Cartridge 24"	CART-24/600	77900	1.6
	ESAC Cartridge 30"	CART-30/750	77901	2.0
	ESAC Cartridge 900mm (36")	CART-36/900	77902	2.3
	ESAC Cartridge 1050mm (42")	CART-42/1050	77903	2.7
	ESAC Cartridge 1200mm (48")	CART-48/1200	77904	3.0
	ESAC Cartridge 1350mm (54")	CART-54/1350	77905	3.4
	ESAC Cartridge 1500mm (60")	CART-60/1500	77906	3.8
	ESAC Cartridge 1800mm (72")	CART-72/1800	77907	4.5
	ESAC Cartridge 1500mm (60") (Dual)	CART2-60/1500	77908	3.9
	ESAC Cartridge 1800mm (72") (Dual)	CART2-72/1800	77909	4.6
4	ESAC Cartridge 2100mm (84") (Dual)	CART2-84/2100	77910	5.3
	ESAC Cartridge 2400mm (96") (Dual)	CART2-96/2400	77911	6.0
	ESAC Cartridge 3000mm (120") (Dual)	CART2-120/3000	77912	7.6
3	C-Tip*	ICT6	74535	0.3
3a	V-Tip* (for vulcanized belts only)	RS1150	73628	0.6
4	PowerFlex™ Cushion*	PFC	75927	1.9
5a	PowerFlex Front Shield	PFS-ESAC	79073	0.2
5b	PowerFlex Reversing Shield	PFRS	76622	0.2
6	SST HD Mounting Base Kit* (incl. 1 mounting base, 2 slide guides, top hat bracket, & bottom bushing)	SSTHDMK	77870	4.6
7	SST Spring - White (1 ea.) for belts 450 - 750 mm (18" - 30")	STS-W	75846	0.2
7a	SST Spring - Silver (1 ea.) for belts 900 - 1200 mm (36" - 48")	STS-S	75843	0.4
7b	SST Spring - Black (1 ea.) for belts 1350 - 2100 mm (54" - 84")	STS-B	75844	0.5
8	SST Hat Bracket (pair)	SSTHB	79582	1.6
9	HD Torsion Pole Mount* (1 ea.) (includes adjusting rod, 3 nuts & sleeve) (See 9 & 9a for bushings)	SSTHDPM	77868	6.8
10	SST Bushing Kit - White/Silver	SSTBK-W	76636	0.04
10a	SST Bushing Kit - Black/Gold	SSTBK-B	76637	0.04
11	SST Lower Bushing Kit (pair)	SSTLBK	79493	0.04
12	SST Slide Guide Kit	STGK2	77867	0.5
13	Jam Nut Kit SST Tensioner	JNK-C	79893	0.1
-	SST HD Cartridge Tensioner - White (includes 1 ea. item 6, 7a, 9, 10) for belts 450 - 750 mm (18" - 30")	SST1HD-W	77876	13.7
-	SST HD Cartridge Tensioner - Silver (includes 1 ea. item 6, 7a, 9, 10) for belts 900 - 1200 mm (36" - 48")	SST1HD-S	77877	13.9
-	SST HD Cartridge Tensioner - Black (includes 1 ea. item 6, 7b, 9, 10a) for belts 1350 - 2100 mm (54" - 84")	SST1HD-B	77878	14.1

Shaded items are made to order. Lead time: 15 working days

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
14	CST HD Mounting Base Kit* (incl. 1 mounting base, 2 slide guides, top hat bracket, & bottom bushing)	CSTHDMK	77871	3.9
15a	CST Spring - White (1 ea.) for belts 450 - 750 mm (18" - 30")	CTS-W	77742	0.2
15b	CST Spring - Silver (1 ea.) for belts 900 - 1200 mm (36" - 48")	CTS-S	77743	0.2
15c	CST Spring - Black (1 ea.) for belts 1350 - 2100 mm (54" - 84")	CTS-B	77744	0.3
15d	CST Spring - Gold (1 ea.) for belts 2400 - 3000 mm (96" - 120")	CTS-G	77745	0.4
16	CST HD Torsion Pole Mount* (1 ea.) (incl. 2 adjusting rods, 4 nuts)	CSTHDPM	77869	7.4
17	CST Bushing Kit (includes 4 bushings)	CSTBK	77037	0.04
18	Jam Nut Kit CST Tensioner	JNK-E	79895	0.1
-	CST HD Cartridge Tensioner - White (incl. 1 ea. item 14, 16, 17 and 2 ea. item 15a) or belts 450 - 750 mm (18" - 30")	CST1HD-W	77872	13.7
-	CST HD Cartridge Tensioner - Silver (incl. 1 ea. item 14, 16, 17 and 2 ea. item 15b) for belts 900 - 1200 mm (36" - 48")	CST1HD-S	77873	13.7
-	CST HD Cartridge Tensioner - Black (includes 1 ea. item 14, 16, 17 and 2 ea. item 15c) for belts 1350 - 2100 mm (54" - 84")	CST1HD-B	77874	13.7
-	CST HD Cartridge Tensioner - Gold (includes 1 ea. item 14, 16, 17 and 2 ea. item 15d) for belts 2400 - 3000 mm (96" - 120")	CST1HD-G	77875	13.9
19	ESAC Removal Knuckle	SACRKN	77882	1.5
20	ESAC Removal Handle	SACRH	77883	1.4
21	ESAC Handle Lock Plate	SACRHL	77884	0.8
22	Knuckle Retainer Pin	SACKRP	77885	0.1
23	SAC Hitch Pin	SACHP2	77768	0.4
-	ESAC Removal Kit (includes 1 ea. item 19, 20, 21, 22, 23)	SACRKT	77886	4.1
24	ESAC Chute Seal Kit	SACSK	77052	1.8
25	ESAC Chute Seal Replacement Cover	SACSRC	77065	0.2
26	ESAC Cartridge Tip Alignment Tool (Dual)	SAC2-TIP-TL	77866	1.1

*Hardware Included Lead Time: 1 working day

Legacy Replacement Parts for Tensioners shipped prior to Dec. 31, 2014*

L1	SST Adj Rod Kit* (incl. 1 rod, 2 nuts, 2 bushings, 1 washer) for belts 450 - 1500 mm (18" - 60")	STAK	75847	1.3
L2	SST HD Adj Rod Kit* (incl. 1 rod, 2 nuts, 2 HD bushings, 1 washer) for belts 1800 - 2100 mm (72" - 84")	STAKHD	75892	1.4
L3	Legacy SST Hat Channel Kit	SSTHK	79070	0.7

*Hardware Included Lead Time: 1 working day

*Verify if legacy parts are needed by looking at threaded rod. If it has standard threads, use legacy parts. If it has flat/acme threads, choose from regular replacement parts.



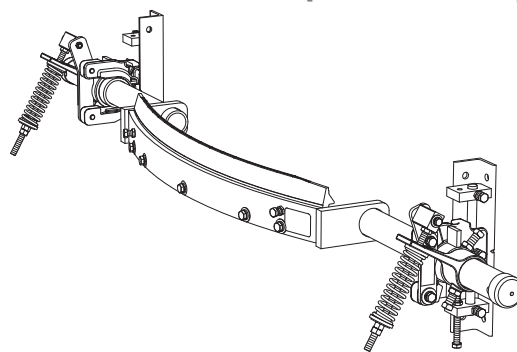
Standard thread profile



Acme/trapezoidal thread profile

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. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.						
450	18	UTV18	76700	45.4	URVB18/450	76736	2.3
600	24	UTV24	76701	48.4	URVB24/600	76737	3.0
750	30	UTV30	76702	51.9	URVB30/750	76738	3.8
900	36	UTV36	76703	54.5	URVB36/900	76739	4.6
1050	42	UTV42	76704	57.5	URVB42/1050	76740	5.3
1200	48	UTV48	76705	61.0	URVB48/1200	76741	6.1
1350	54	UTV54	76706	64.0	URVB54/1350	76742	6.8
1500	60	UTV60	76707	67.5	URVB60/1500	76743	7.6
1800	72	UTV72	76708	102.1	URVB72/1800	76744	9.2
2100	84	UTV84	76709	109.5	URVB84/2100	76745	10.7

*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. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.						
450	18	UTC18	76712	45.4	URCB18/450	76748	2.3
600	24	UTC24	76713	48.4	URCB24/600	76749	3.0
750	30	UTC30	76714	51.9	URCB30/750	76750	3.8
900	36	UTC36	76715	54.5	URCB36/900	76751	4.6
1050	42	UTC42	76716	57.5	URCB42/1050	76752	5.3
1200	48	UTC48	76717	61.0	URCB48/1200	76753	6.1
1350	54	UTC54	76718	64.0	URCB54/1350	76754	6.8
1500	60	UTC60	76719	67.5	URCB60/1500	76755	7.6
1800	72	UTC72	76720	102.1	URCB72/1800	76756	9.2
2100	84	UTC84	76721	109.5	URCB84/2100	76757	10.7

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

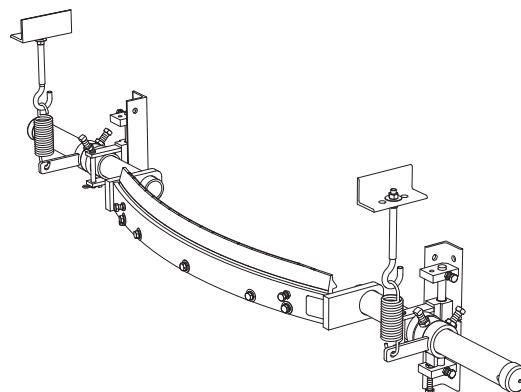
U-Type® with F-Blade (Polyurethane)*

CLEANER COMPLETE					REPLACEMENT F-BLADE		
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.						
450	18	UTF18	76724	44.5	UFB18	74448	1.4
600	24	UTF24	76725	47.2	UFB24	74449	1.8
750	30	UTF30	76726	50.3	UFB30	74450	2.3
900	36	UTF36	76727	52.6	UFB36	74451	2.7
1050	42	UTF42	76728	55.3	UFB42	74452	3.2
1200	48	UTF48	76729	58.5	UFB48	74453	3.6
1350	54	UTF54	76730	61.2	UFB54	74454	4.1
1500	60	UTF60	76731	64.4	UFB60	74455	4.5
1800	72	UTF72	76732	98.4	UFB72	74456	5.4
2100	84	UTF84	76733	105.2	UFB84	74460	6.4

*NOTE: F-Blades (Polyurethane) 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. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.						
450	18	UTV450J-S/S	77259	40.8	URVB18/450	76736	2.3
600	24	UTV600J-S/S	77260	43.9	URVB24/600	76737	3.0
750	30	UTV750J-S/S	77261	47.4	URVB30/750	76738	3.8
900	36	UTV900J-S/S	77262	49.9	URVB36/900	76739	4.6
1050	42	UTV1050J-S/S	77263	52.9	URVB42/1050	76740	5.3
1200	48	UTV1200J-S/S	77264	56.5	URVB48/1200	76741	6.1
1350	54	UTV1350J-S/S	77265	59.4	URVB54/1350	76742	6.8
1500	60	UTV1500J-S/S	77267	63.0	URVB60/1500	76743	7.6
1800	72	UTV1800J-S/S	77269	85.4	URVB72/1800	76744	9.2
2100	84	UTV2100J-S/S	77271	92.8	URVB84/2100	76745	10.7

*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.

For C-Blade or F-Blade cleaners, call for special quote.

304 grade stainless steel

Shaded items are made to order.

Lead time: 5 weeks

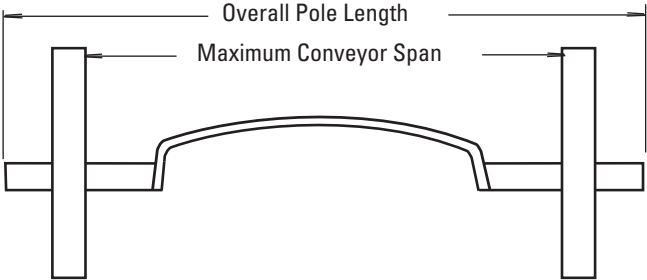
Specifications
& Guidelines

U-Type®
Secondary Cleaner

Pole Length Specifications

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

Pole Diameter - 450 - 1500mm cleaners: 60mm (2-3/8")
Pole Diameter - 1800 - 2100mm cleaners: 75mm (2-7/8")

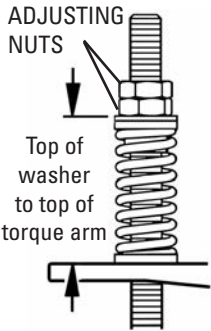


Spring Length Chart
(For Cleaners with UST Tensioners)

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

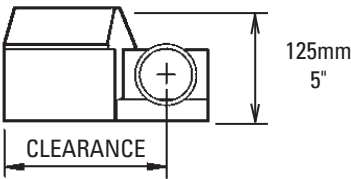
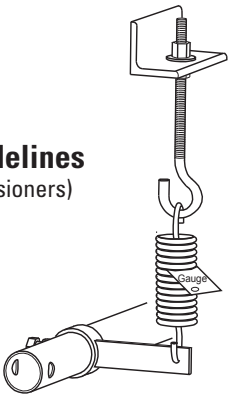
Clearance Guidelines
For Installation

U CLEANER SIZE		CLEARANCE	
mm	in.	mm	in.
450	18"	155	6
600	24"	180	7
750	30"	205	8
900	36"	205	8
1050	42"	235	9 1/4
1200	48"	270	10 1/2
1350	54"	275	10 3/4
1500	60"	275	10 3/4
1800	72"	275	10 3/4
2100	84"	275	10 3/4
2400	96"	275	10 3/4



Spring Tensioner Guidelines
(For Cleaners with J-Bolt Tensioners)

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

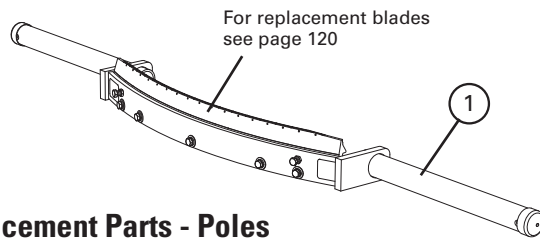


Specifications:

- Maximum Belt Speed 6.6m/s (1300 FPM); F-Blade - 5m/s (1000 FPM)
- Temperature Rating -35°C to 82°C (-30°F to 180°F)
- Usable Blade Wear Length V-Blade and C-Blade - 9mm (3/8"); F-Blade - 44mm (1-3/4")
- Available for Belt Widths..... 450 to 2100mm (18" to 84").
Other sizes available upon request.
- CEMA Cleaner Classification Class 5

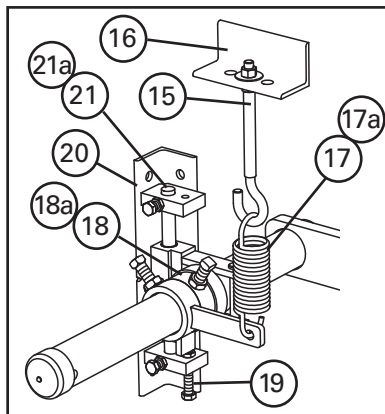
Replacement Parts List

U-Type® Secondary Cleaner with USTensioner



Replacement Parts - Poles

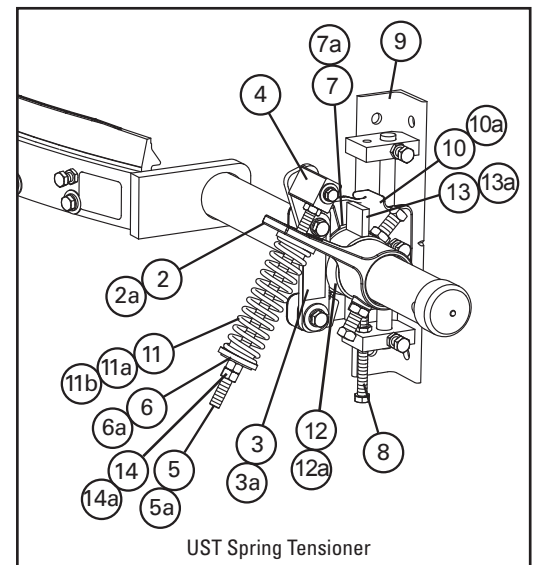
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	450mm (18") Pole	USP18/450	76772	20.4
	600mm (24") Pole	USP24/600	76773	22.7
	750mm (30") Pole	USP30/750	76774	25.4
	900mm (36") Pole	USP36/900	76775	27.2
	1050mm (42") Pole	USP42/1050	76776	29.5
	1200mm (48") Pole	USP48/1200	76777	32.2
	1350mm (54") Pole	USP54/1350	76778	34.5
	1500mm (60") Pole	USP60/1500	76779	37.2
	1800mm (72") Pole	USP72/1800	76780	56.7
	2100mm (84") Pole	USP84/2100	76781	62.6



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

Replacement Parts - J-bolt Tensioner

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
15	J-Bolt (incl. locknut & washer)	STJK	74417	0.3
16	J-Bolt Mount (1 ea.)	STJM	74775	1.4
17	Tension Spring (1 ea.) †	STTS	74419	0.6
17a	HD Tension Spring (1 ea.) §	HDTs	74502	0.9
18	Stop Collar †	USTSC	79299	0.7
18a	HD Stop Collar §	USTSCHD	79300	0.9
19	Adjusting Bolt Kit (1 ea.) (incl. locknut)	ABU	76788	0.1
20	Mounting Bracket Kit* (1 ea.)	UMBK	76789	4.4
21	Slide Plate Kit* (1 ea.) †Δ	USPK	76790	2.1
21a	HD Slide Plate Kit* (1 ea.) §	UHSPK	76791	2.4
—	J-Bolt Conversion Kit † (Optional) (incl. 2 ea. items 15, 16, 17, 18)	UBTK	76977	2.1
—	HD J-Bolt Conversion Kit § (Optional) (incl. 2 ea. items 15, 16, 17a, 18a)	UHDBTK	76978	2.4
—	Standard Mounting Kit* (incl. 1 ea. items 8, 9, 10) † Δ (for blade widths 18" - 60" (450 - 1500mm))	USMK	76792	6.6
—	HD Mounting Kit* (incl. 1 ea. items 8, 9, 10a) § (for blade widths 72" - 84" (1800 - 2100mm))	UHMK	76793	7.0
—	18-60" J-Bolt Complete Tension Kit (incl. 2 ea. 15, 16, 17, 18, 19, 20, 21)†	MMKU	77324	8.8
—	64" + J-Bolt Complete Tension Kit (incl. 2 ea. 15a, 16, 17a, 18a, 19, 20, 21a)§	MMKUHD	77327	9.4



UST Spring Tensioner

Replacement Parts - UST Tensioner

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
2	Torque Arm Kit* (1 ea.) †Δ	ESTAK-EST	76406	1.6
2a	Torque Arm Kit HD* (1 ea.) §	PSTA	75896	5.2
3	Pivot Shaft Bracket Kit* (1 ea.) †Δ	UPSBK	76784	0.8
3a	Pivot Shaft Bracket Kit HD* (1 ea.) §	QMTPSBK	76099	2.0
4	Pivot Block Kit* (1 ea.) †Δ	UPBK	76785	0.5
5	Pivot Rod Kit* (1 ea.) †Δ	ESPRK	76409	0.5
5a	Pivot Rod Kit HD* (1 ea.) §	QMTPAK	76096	2.0
6	Bushing Kit (incl. 2 bushings) †Δ	ESBK-PS	76410	0.04
6a	Bushing Kit HD (incl. 2 bushings) §	QMTBK-W	76098	0.04
7	Standard Pole Bearing (1 ea.) †Δ	USPB2	79206	0.04
7a	HD Pole Bearing (1 ea.) §	UHPB2	79207	0.1
8	Adjusting Bolt Kit (1 ea.) (incl. locknut)	ABU	76788	0.1
9	Mounting Bracket Kit* (1 ea.)	UMBK	76789	4.4
10	Slide Plate Kit* (1 ea.) †Δ	USPK	76790	2.1
10a	HD Slide Plate Kit* (1 ea.) §	UHSPK	76791	2.4
11	Tension Spring - Purple (1 ea.) †	QMTS-P	75845	0.3
11a	Tension Spring - Silver (1 ea.) Δ	ESS-S	76412	0.5
11b	Tension Spring - White (1 ea.) §	PSTS-W	75898	0.8
12	UST Stop Collar Retrofit Kit* †Δ	USTSCK	79202	2.3
12a	HD UST Stop Collar Retrofit Kit* §	USTSCKHD	79204	3.4
13	Stop Collar*	USTSC	79299	0.7
13a	HD Stop Collar*	USTSCHD	79300	0.9
14	Jam Nut Kit UST	JNK-F	79896	0.1
14a	Jam Nut Kit USTHD	JNK-C	79893	0.1
—	UST Spring Tensioner* - Purple † (incl. 1 ea. items 2, 3, 4, 5, 6, 8, 9, 10, 11)	UST-P	76794	11.3
—	UST Spring Tensioner* - Silver Δ (incl. 1 ea. items 2, 3, 4, 5, 6, 8, 9, 10, 11a)	UST-S	77757	11.3
—	HD UST Spring Tensioner* - White § (incl. 1 ea. items 2a, 3a, 4, 5a, 6a, 8, 9, 10a, 11b)	UST-W	76795	18.1
—	Standard Mounting Kit* (incl. 1 ea. items 8, 9, 10) † Δ (for blade widths 18" - 60" (450 - 1500mm))	USMK	76792	6.6
—	HD Mounting Kit* (incl. 1 ea. items 8, 9, 10a) § (for blade widths 72" - 84" (1800 - 2100mm))	UHMK	76793	7.0

*Hardware included

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

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

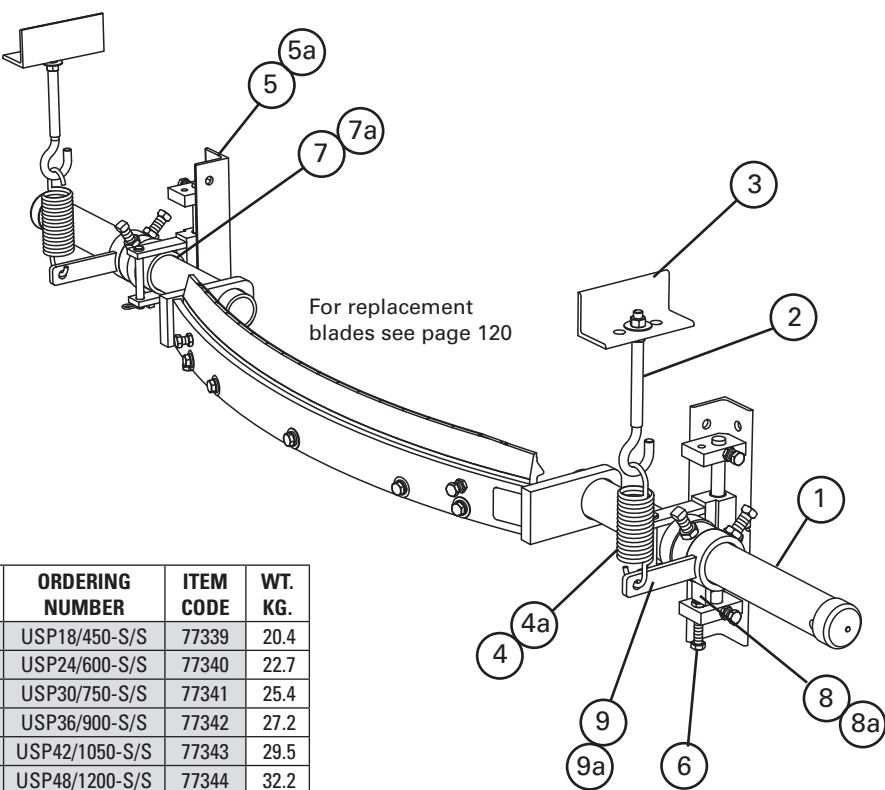
§ HD components for blade widths 1800 - 2100mm (72" - 84")

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. KG.
1	450mm (18") Pole	USP18/450-S/S	77339	20.4
	600mm (24") Pole	USP24/600-S/S	77340	22.7
	750mm (30") Pole	USP30/750-S/S	77341	25.4
	900mm (36") Pole	USP36/900-S/S	77342	27.2
	1050mm (42") Pole	USP42/1050-S/S	77343	29.5
	1200mm (48") Pole	USP48/1200-S/S	77344	32.2
	1350mm (54") Pole	USP54/1350-S/S	77345	34.5
	1500mm (60") Pole	USP60/1500-S/S	77347	37.2
	1800mm (72") Pole	USP72/1800-S/S	77349	56.7
	2100mm (84") Pole	USP84/2100-S/S	77351	62.6
2	J-Bolt Kit* (incl. locknut and washer)	STJK-S/S	77334	0.3
3	J-Bolt Mount (1 ea.)	STJM-S/S	77332	1.4
4	450 - 1500mm Tension Spring (1 ea.)	STTS-S/S	75585	0.5
4a	1626mm+ Tension Spring (1 ea.)	HDTS-S/S	75586	0.7
5	450 - 1500mm Mounting Bracket Kit (incl. R & L)	USMK-S/S-M	82885	7.3
5a	1626mm+ Mounting Bracket Kit (incl. R & L)	USMKHD-S/S-M	82886	8.6
6	Adjusting Bolt Kit (incl. locknut)	ABU	76788	0.5
7	450 - 1500mm UHMW Bearing (1 ea.)	USPB2	79206	0.5
7a	1626mm+ UHMW Bearing (1 ea.)	UHPB2	79207	0.5
8	450 - 1500mm Stop Collar* (1 ea.)	UPL-S/S-MT	82810	0.9
8a	1626mm+ Stop Collar* (1 ea.)	UPLHD-S/S-MT	82811	0.9
9	450 - 1500mm Adjusting Arm* (1 ea.)	HARK-S/S	77364	0.9
9a	1626mm+ Adjusting Arm* (1 ea.)	HDARK-S/S	77331	0.9
-	450 - 1500mm Mounting Kit* (incl. 2 ea. items 2, 3, 4, 5, 6, 7, 8, & 9)	MMKU-S/S	77357	18.1
-	1626mm+ Mounting Kit* (incl. 2 ea. items 2, 3, 4a, 5a, 6, 7a, 8a, & 9a)	MMKUHD-S/S	77358	19.5

*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. KG.
mm	in.			
600	24	MDWS-24	75868	52.2
750	30	MDWS-30	75869	55.7
900	36	MDWS-36	75870	58.0
1050	42	MDWS-42	75871	62.7
1200	48	MDWS-48	75872	66.6
1350	54	MDWS-54	75873	70.1
1500	60	MDWS-60	75874	73.6
1800	72	MDWS-72	75875	80.6
2100	84	MDWS-84	76806	87.6
2400	96	MDWS-96	79063	94.7

Lead time: 1 working day

MDWS Secondary Belt Cleaner with SAT2 Tensioner

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	MDWS-24P	78745	52.2
750	30	MDWS-30P	78746	55.7
900	36	MDWS-36P	78747	58.0
1050	42	MDWS-42P	78748	62.7
1200	48	MDWS-48P	78749	66.6
1350	54	MDWS-54P	78750	70.1
1500	60	MDWS-60P	78751	73.6
1800	72	MDWS-72P	78752	80.6
2100	84	MDWS-84P	78753	87.6
2400	96	MDWS-96P	79064	94.7

Lead time: 1 working day

Replacement ConShear™ DW Blades (Color Identification: Black)

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	CDWB24	75884	5.8
750	30	CDWB30	75885	7.0
900	36	CDWB36	75886	8.3
1050	42	CDWB42	75887	9.5
1200	48	CDWB48	75888	10.8
1350	54	CDWB54	75889	12.0
1500	60	CDWB60	75890	13.2
1800	72	CDWB72	75891	15.7
2100	84	CDWB84	76942	18.4
2400	96	CDWB96	79062	21.0

Actual blade width is belt width +100mm (+4"). Lead time: 1 working day
ConShear DW Blades are black for easy identification.

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 100mm (4"). The extra length ensures the water is removed from the belt.
- Pole Length: Belt width plus 1500mm (60") for cleaners up to 1500mm (60"), belt width plus 1350mm (54") for cleaners over 1500mm (60"). For longer requirements, see Accessories - Pole Extender Kit (page 133).
- 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 (page 133).

U.S. Patent No. D482,508S

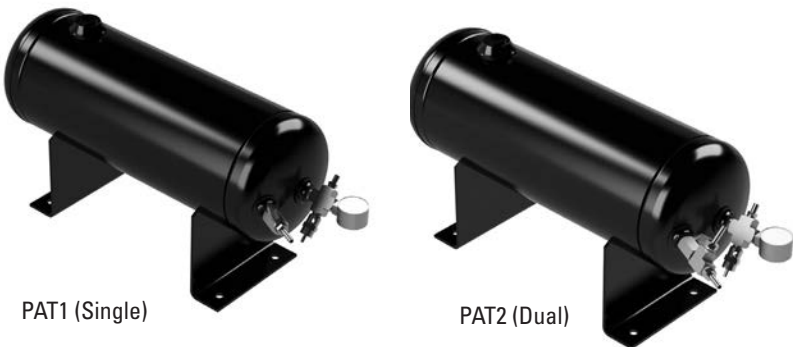


Product Ordering Information

Line Connections
for Portable Air Tensioner

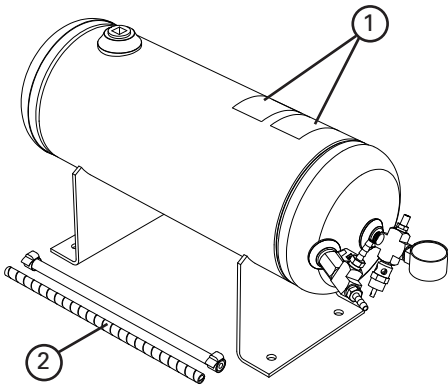
Air Tanks

ORDERING NUMBER	ITEM CODE	WT. KG.
PAT1	78684	5.9
PAT2	78685	5.9

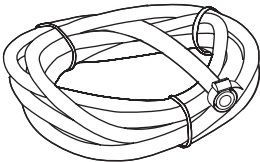


Replacement Parts List

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	Tank Label Kit	PATLK	78791	0.04
2	Tank Hose Kit (incl. 1 ea. 10' hose and 1' poly spiral wrap, 2 hose clamps)	PATHK	78794	0.7



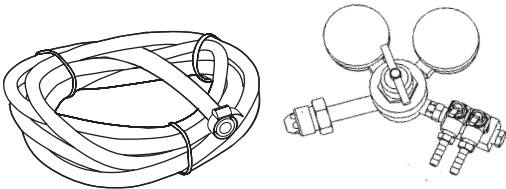
- Product Notes:
- For use with PAT cleaner assemblies and PAT control box.
 - Single for applications with one cleaner, double for applications with two cleaners.
 - 150# pop-off valve for safe pressurizing/charging of Air Tank.
 - ASME construction.



Air Line Connection
for Site-Accessible Air

ORDERING NUMBER	ITEM CODE	WT. KG.
PATHK*	78794	0.7

* incl. 10' hose, 1' poly spiral wrap, 2 hose clamps



Nitrogen Tank Connection for
Site-Provided Nitrogen Tank

ORDERING NUMBER	ITEM CODE	WT. KG.
PANK*	78799	2.3

* incl. Nitrogen Regulator, 10' hose, 2 hose clamps

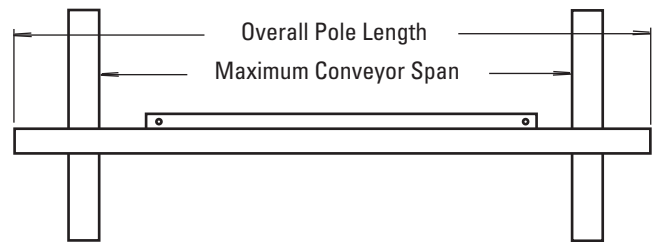
Specifications & Guidelines

MDWS Secondary Cleaner DryWipe for Removing Water

Pole Length Specifications*

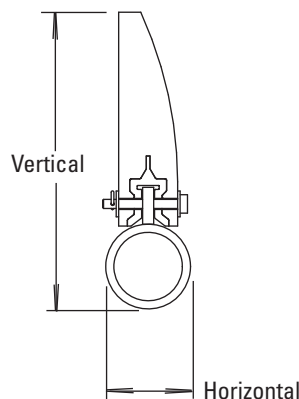
CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.	mm	in.
600	24	700	28	2100	84	1700	68
750	30	850	34	2250	90	1850	74
900	36	1000	40	2400	96	2000	80
1050	42	1150	46	2550	102	2150	86
1200	48	1300	52	2700	108	2300	92
1350	54	1450	58	2850	114	2450	98
1500	60	1600	64	3000	120	2600	104
1800	72	1900	76	3150	126	2900	116
2100	84	2200	88	3450	138	3200	128
2400	96"	2500	100	3750	150	3500	140

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 750mm (30") of extended pole length. (page 133).
Pole Diameter - 73mm (2-7/8")



Clearance Guidelines for Installation

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



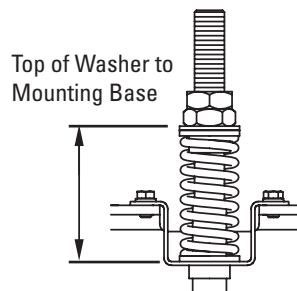
SST Tensioner Spring Length Chart

Blade Width		White Spring		Silver Spring		Black Spring		Gold Spring	
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
450	18	86	3 3/8	102	4	N/A	N/A	N/A	N/A
600	24	79	3 1/8	98	3 7/8	N/A	N/A	N/A	N/A
750	30	73	2 7/8	95	3 3/4	N/A	N/A	N/A	N/A
900	36	N/A	N/A	95	3 3/4	98	3 7/8	N/A	N/A
1050	42	N/A	N/A	92	3 5/8	95	3 3/4	N/A	N/A
1200	48	N/A	N/A	89	3 1/2	92	3 5/8	N/A	N/A
1350	54	N/A	N/A	86	3 3/8	92	3 5/8	95	3 3/4
1500	60	N/A	N/A	83	3 1/4	89	3 1/2	95	3 3/4
1800	72	N/A	N/A	N/A	N/A	86	3 3/8	92	3 5/8
2100	84	N/A	N/A	N/A	N/A	79	3 1/8	89	3 1/2
2400	96	N/A	N/A	N/A	N/A	N/A	N/A	86	3 3/8
2700	108	N/A	N/A	N/A	N/A	N/A	N/A	89	3 1/2
3000	120	N/A	N/A	N/A	N/A	N/A	N/A	86	3 3/8

Shading indicates preferred spring option

PAT Pressure Chart

Blade Width		Psi
mm	in.	
450	18"	15#
600	24"	19#
750	30"	23#
900	36"	27#
1050	42"	31#
1200	48"	35#
1350	54"	39#
1500	60"	43#
1800	72"	51#
2100	84"	59#
2400	96"	67#



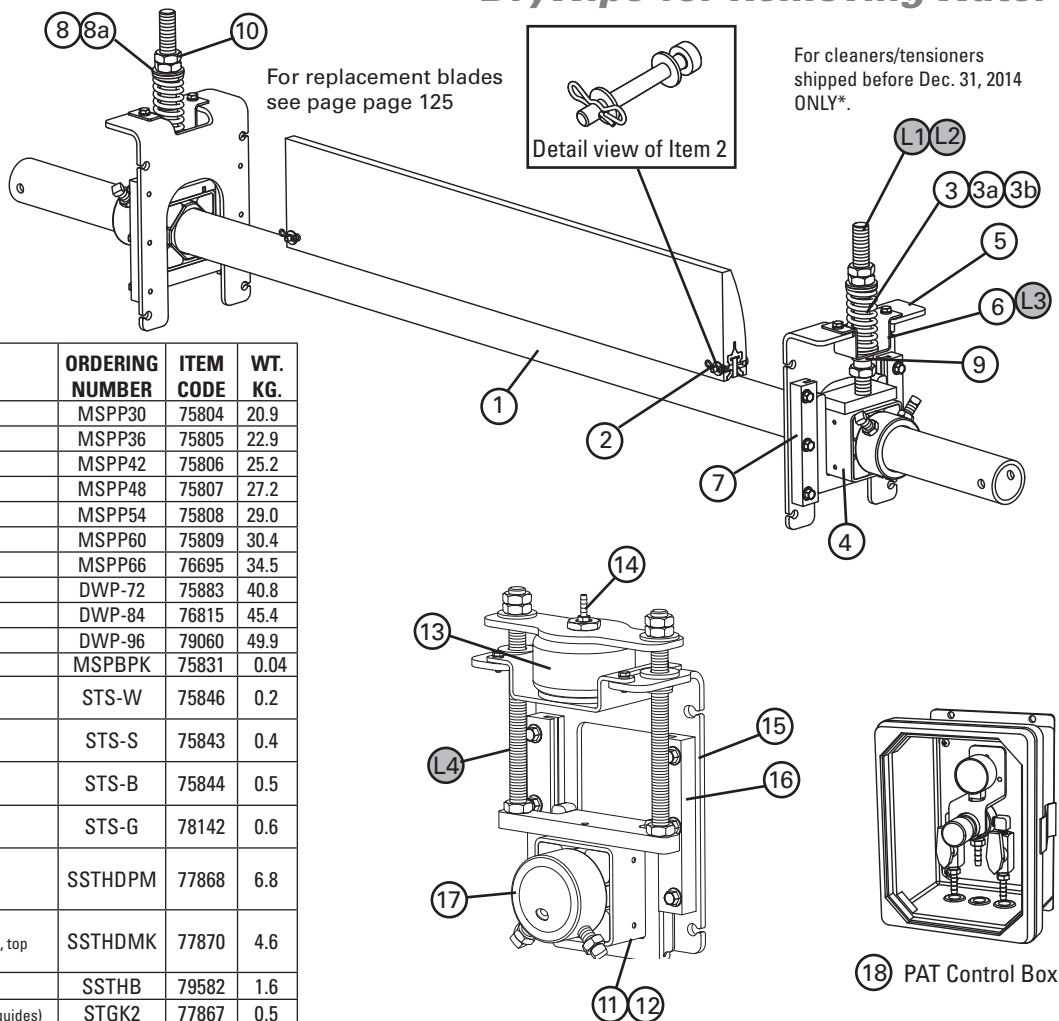
Specifications:

- Maximum Belt Speed 5m/s (1000 FPM)
- Temperature Rating -35°C to 82°C (-30°F to 180°F)
- Usable Blade Wear Length 113mm (4-1/2")
- Blade Height 185mm (7-1/4")
- Blade Polyurethane with UHMW additive (softer durometer to squeegee water off and additive to enhance blade life)
- Available for Belt Widths..... 600 to 2400 mm (24" to 96")
Other sizes available upon request.
- CEMA Cleaner Classification Class 4

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. KG.
1	600mm (24") Pole	MSP30	75804	20.9
	750mm (30") Pole	MSP36	75805	22.9
	900mm (36") Pole	MSP42	75806	25.2
	1050mm (42") Pole	MSP48	75807	27.2
	1200mm (48") Pole	MSP54	75808	29.0
	1350mm (54") Pole	MSP60	75809	30.4
	1500mm (60") Pole	MSP66	76695	34.5
	1800mm (72") Pole	DWP-72	75883	40.8
	2100mm (84") Pole	DWP-84	76815	45.4
	96 (2400mm) Pole	DWP-96	79060	49.9
2	Blade Pin Kit* (1 ea.)	MSPBPK	75831	0.04
3	Tension Spring - White (1 ea.) for belts 450 - 750mm (18" - 30")	STS-W	75846	0.2
3a	Tension Spring - Silver (1 ea.) for belts 900 - 1500mm (36" - 60")	STS-S	75843	0.4
3b	Tension Spring - Black (1 ea.) for belts 1800 - 2100mm (72" - 84")	STS-B	75844	0.5
3c	Tension Spring - Gold (1 ea.) for belts 2400mm (96")	STS-G	78142	0.6
4	HD Torsion Pole Mount* (1 ea.) (includes adjusting rod, 3 nuts & sleeve) (See 8 & 8a for bushings)	SSTHDP	77868	6.8
5	SST HD Mounting Base Kit* (includes 1 mounting base, 2 slide guides, top hat bracket & bottom bushing)	SSTHDMK	77870	4.6
6	SST Hat Bracket (pair)	SSTHB	79582	1.6
7	SST Slide Guide Kit* (incl. 2 slide guides)	STGK2	77867	0.5
8	SST Bushing Kit - White/Silver (includes 2 bushings)	SSTBK-W	76636	0.04
8a	SST Bushing Kit - Black/Gold (includes 2 bushings)	SSTBK-B	76637	0.04
9	SST Lower Bushing Kit (pair)	SSTLBK	79493	0.04
10	Jam Nut Kit SST Tensioner	JNK-C	79893	0.1
-	HD Spring Tensioner* - White (includes 2 each items 3, 4, 5 & 8) for belts 450 - 750mm (18" - 30")	SST2HD-W	77879	27.5
-	HD Spring Tensioner* - Silver (includes 2 each items 3a, 4, 5 & 8) for belts 900 - 1500mm (36" - 60")	SST2HD-S	77880	27.9
-	HD Spring Tensioner* - Black (includes 2 each items 3b, 4, 5 & 8a) for belts 1800 - 2100mm (72" - 84")	SST2HD-B	77881	28.1
-	HD Spring Tensioner* - Gold (includes 2 each items 3c, 4, 5 & 8a) for belts 2400mm (96")	SST2HD-G	79041	28.4

*Hardware Included

Legacy Replacement Parts for Tensioners shipped prior to Dec. 31, 2014*

L1	Adjusting Rod Kit (includes 1 rod, 2 nuts, 1 bushing, 1 washer) for belts 600 - 1500mm (24" - 60")	STAK	75847	1.3
L2	HD Adjusting Rod Kit (includes 1 rod, 2 nuts, 1 HD bushing, 1 washer) for belts 1800 - 2100mm (72" - 84")	STAKHD	75892	1.4
L3	Legacy SST Hat Channel Kit	SSTHK	79070	0.7
L4	SAT2 Adjusting Rod Kit	SAT2AK	78733	2.3
-	SST Tensioner Bushing Update Kit (includes 2 lower bushings, 2 sleeves, 2 nuts)	SST-BUK	76943	0.1

Secondary Air Tensioner 2 Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
11	SAT2 w/PAT Control Box	SAT2PAT	78735	19.7
12	SAT2 w/o Control Box	SAT2NCB	78703	18.6
13	SAT Air/Water Bag Kit	SATB	76083	2.3
14	SAT 3mm Hose Barb Kit	SATHB	76084	0.04
15	SAT2 Mounting Base Kit	SAT2MK	78704	5.3
16	ST Slide Guide Kit	STGK2	77867	0.5
17	SAT2 Torsion Pole Mount (incl. threaded rods & 6 nuts)	SAT2PM	78732	5.0
18	PAT Control Box 100psi	PACB100	79656	5.0

Lead time: 1 working day

U.S. Patent No. D482,508S

Spring Tensioner Selection Chart

CLEANER SIZE	77879 SST2HD-W	77880 SST2HD-S	77881 SST2HD-B	79041 SST2HD-G
MDWS 600 - 750mm (24" - 30")	X			
MDWS 900 - 1500mm (36" - 60")		X		
MDWS 1800 - 2100mm (72" - 84")			X	
MDWS 2400mm (96")				X

Product Ordering Information

Motorized Brush Cleaner

Motorized Brush Cleaner with 208-230/460VAC 3-Phase Motor

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
in.	mm			
18	450	MBC-18	79494	62.0
24	600	MBC-24	79495	66.5
30	750	MBC-30	79496	68.1
36	900	MBC-36	79497	71.0
42	1050	MBC-42	79498	73.8
48	1200	MBC-48	79499	81.2
54	1350	MBC-54	79500	84.3
60	1500	MBC-60	79501	87.1
72	1800	MBC-72	79502	93.0
84	2100	MBC-84	79503	98.7

Lead time: 1 working day



Motorized Brush Cleaner

Motorized Brush Cleaner with 575V 3-Phase Motor

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
in.	mm			
18	450	MBC-18-575V	79914	62.0
24	600	MBC-24-575V	79915	66.5
30	750	MBC-30-575V	79916	68.1
36	900	MBC-36-575V	79917	71.0
42	1050	MBC-42-575V	79918	73.8
48	1200	MBC-48-575V	79919	81.2
54	1350	MBC-54-575V	79920	84.3
60	1500	MBC-60-575V	79921	87.1
72	1800	MBC-72-575V	79922	93.0
84	2100	MBC-84-575V	79923	98.7

Lead time: 1 working day

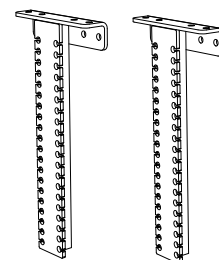
Replacement Brushes

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	MBRD-18	79514	4.4
600	24	MBRD-24	79515	6.1
750	30	MBRD-30	79516	7.8
900	36	MBRD-36	79517	9.3
1050	42	MBRD-42	79518	10.8
1200	48	MBRD-48	79519	12.2
1350	54	MBRD-54	79520	13.9
1500	60	MBRD-60	79521	15.4
1800	72	MBRD-72	79522	18.6
2100	84	MBRD-84	79523	21.5

Lead time: 1 working day

Optional Mounting Brackets (Pair)

ORDERING NUMBER	ITEM CODE	WT. KG.
MBCDBK	79536	28.9



Product Notes:

- Spins opposite the belt direction for optimal cleaning.
- Uniquely patterned bristles aid in reducing material buildup and clogging.
- Adjustable tensioners allow easy brush-to-belt adjustment as the bristles wear.
- Works on mechanically spliced or vulcanized belts.

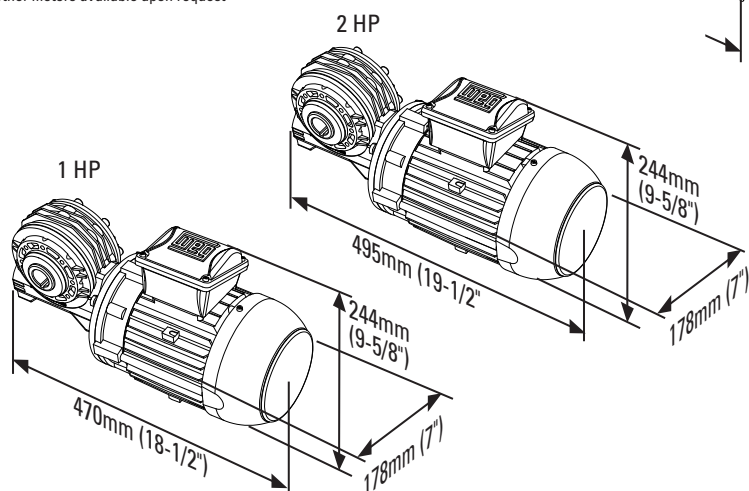
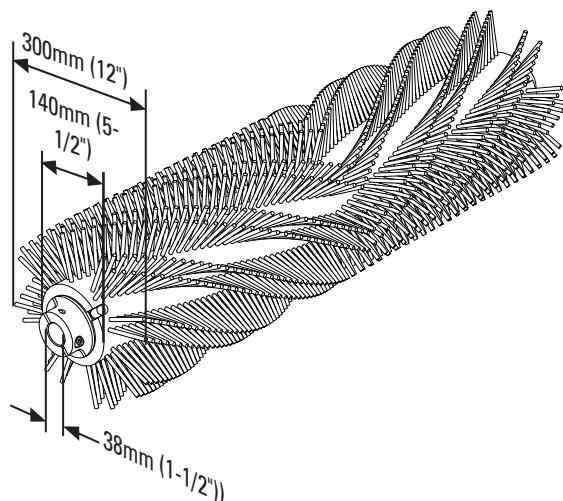
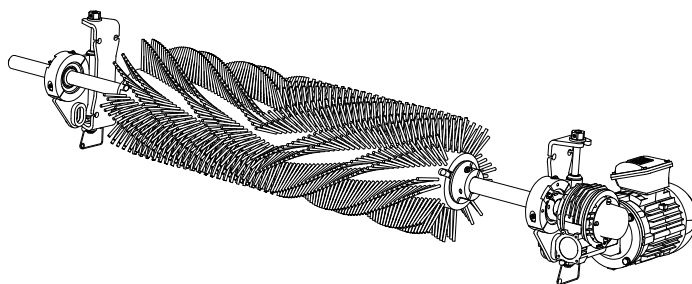
Specifications & Guidelines

Motorized Brush Cleaner

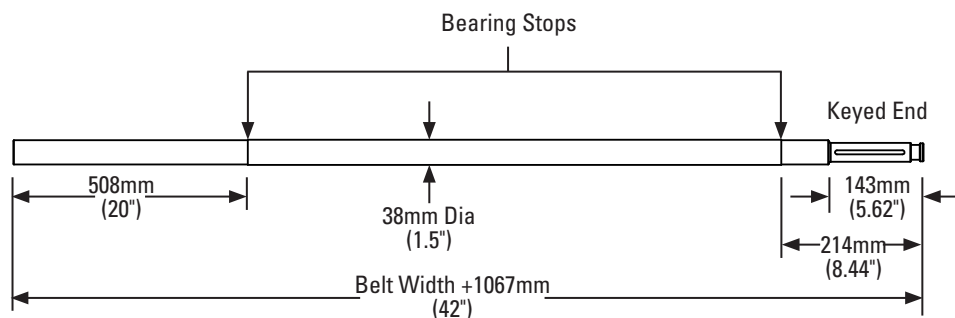
Specifications

Belt Speed	Up to 700 fpm (3.5M/sec)
Vertical and Horizontal Clearance	12" (305mm)
Temperature Range	-20°F to 180°F (-30°C to 82°C)
Maximum Chevron or Cleat Height	1/2" (13mm)
Bristle Length	3-1/4" (83mm)
Overall Diameter	12" (305mm)
Shaft Length	Belt Width plus 1067mm (42")
Shaft Diameter	1-1/2" (38mm)
Motor Voltage and HP Options	208-230/460VAC 3 Phase*
	1 HP - cleaners 450-1050mm (18-42")
	2 HP - cleaners 1200-2100mm (48-84")
	575V 3 Phase*
	1 HP - cleaners 450-900mm (18-36")
	2 HP - cleaners 1050-2100mm (42-84")
CEMA Cleaner Rating	Class 4

*Other motors available upon request



Shaft Measurements

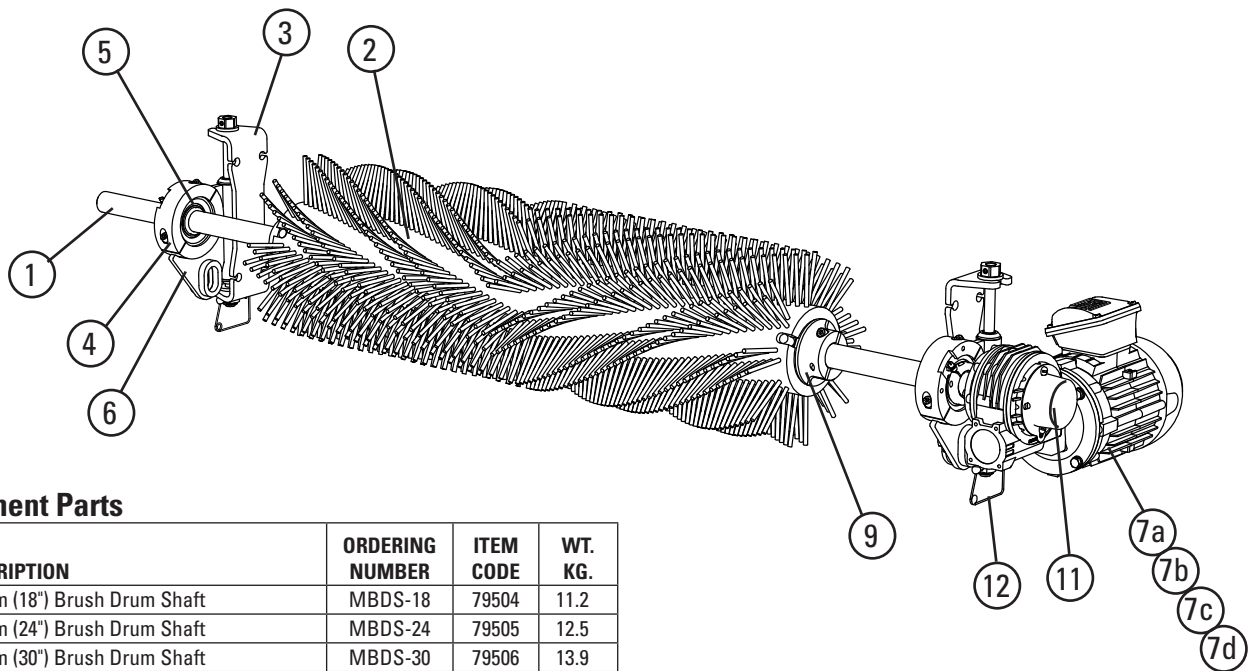


Product Notes:

- Spins opposite the belt direction for optimal cleaning.
- Uniquely patterned bristles aid in reducing material buildup and clogging.
- Adjustable tensioners allow easy brush-to-belt adjustment as the bristles wear.
- Works on mechanically spliced or vulcanized belts.

Replacement Parts

Motorized Brush Cleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	450mm (18") Brush Drum Shaft	MBDS-18	79504	11.2
	600mm (24") Brush Drum Shaft	MBDS-24	79505	12.5
	750mm (30") Brush Drum Shaft	MBDS-30	79506	13.9
	900mm (36") Brush Drum Shaft	MBDS-36	79507	15.2
	1050mm (42") Brush Drum Shaft	MBDS-42	79508	16.6
	1200mm (48") Brush Drum Shaft	MBDS-48	79509	17.9
	1350mm (54") Brush Drum Shaft	MBDS-54	79510	19.3
	1500mm (60") Brush Drum Shaft	MBDS-60	79511	20.6
	1800mm (72") Brush Drum Shaft	MBDS-72	79512	23.4
	2100mm (84") Brush Drum Shaft	MBDS-84	79513	26.1
2	450mm (18") Replacement Brush Drum	MBRD-18	79514	4.4
	600mm (24") Replacement Brush Drum	MBRD-24	79515	6.1
	750mm (30") Replacement Brush Drum	MBRD-30	79516	7.8
	900mm (36") Replacement Brush Drum	MBRD-36	79517	9.3
	1050mm (42") Replacement Brush Drum	MBRD-42	79518	10.8
	1200mm (48") Replacement Brush Drum	MBRD-48	79519	12.2
	1350mm (54") Replacement Brush Drum	MBRD-54	79520	13.9
	1500mm (60") Replacement Brush Drum	MBRD-60	79521	15.4
	1800mm (72") Replacement Brush Drum	MBRD-72	79522	18.6
	2100mm (84") Replacement Brush Drum	MBRD-84	79523	21.5
3	Brush Mounting Base* (1)	MBCMK	79524	2.1
4	Brush Bearing Clamp* (1)	MBCBC	79525	0.9
5	Brush Cleaner Bearings (2)	MBCB	79526	3.3
6	Brush Bearing Mount* (1)	MBCBM	79528	4.4
7a	Gearmotor Assy, 1 HP for belts up to 1050mm (42")	MBCM-1	79529	24.9
7b	Gearmotor Assy, 2 HP for belts 1200mm (48") and up	MBCM-2	79530	29.5
7c	Gearmotor Assy, 1 HP 575V for belts up to 900mm (36")	MBCM-575-1	79924	24.9
7d	Gearmotor Assy, 2 HP 575V for belts 1050mm (42") and up	MBCM-575-2	79925	29.5
8	Brush Cleaner Torque Arm* (1)	MBCTA	79531	1.1
9	Brush Locks* (2)	MBCBL	79532	4.3
10	Brush Motor Key Kit (1)	MBCMCK	79533	0.1
11	MBC Shaft End Cap* (1)	MBCEC	79534	0.04
12	Tensioner Lock Pins (2)	STLP	79535	0.1
13	Brush Cleaner Drop Brackets* (2)	MBCDBK	79536	13.1
-	Brush Cleaner Adjusting Bracket (1) (incl. bearing and 1 ea. items 3,4,6,&12)	MBADB	79527	8.2

*Hardware Included
Lead time: 1 working day

Product Ordering Information

Chevron
Belt Cleaner

Chevron Belt Cleaner

BELT WIDTH		DRUM WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
450	18	450	18	CBC18	76668	33.6
600	24	600	24	CBC24	76669	37.1
750	30	750	30	CBC30	76670	41.2
900	36	900	36	CBC36	76671	45.2
1050	42	1050	42	CBC42	76672	48.8
1200	48	1200	48	CBC48	76673	52.8
1350	54	1350	54	CBC54	76674	56.4
1500	60	1500	60	CBC60	76675	60.4
1800	72	1800	72	CBC72	90762	68.0
2100	84	2100	84	CBC84	90763	75.7

Lead time: 1 working day

Shaded items are made to order.

Lead time: 3 working days

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	450mm (18") Drum Shaft	CBCS18	90537	6.8
	600mm (24") Drum Shaft	CBCS24	90538	7.7
	750mm (30") Drum Shaft	CBCS30	90539	8.6
	900mm (36") Drum Shaft	CBCS36	90540	9.4
	1050mm (42") Drum Shaft	CBCS42	90541	10.3
	1200mm (48") Drum Shaft	CBCS48	90542	11.2
	1350mm (54") Drum Shaft	CBCS54	90543	12.0
	1500mm (60") Drum Shaft	CBCS60	90544	12.8
	1800mm (72") Drum Shaft	CBCS72	90554	15.4
	2100mm (84") Drum Shaft	CBCS84	90555	18.0
2	Chevron Pillow Block*	CPB	76692	0.5
3	450mm (18") Repl Drum w/Fingers*	CRDF18	90631	11.3
	600mm (24") Repl Drum w/Fingers*	CRDF24	90632	14.1
	750mm (30") Repl Drum w/Fingers*	CRDF30	90633	17.2
	900mm (36") Repl Drum w/Fingers*	CRDF36	90634	20.4
	1050mm (42") Repl Drum w/Fingers*	CRDF42	90635	23.1
	1200mm (48") Repl Drum w/Fingers*	CRDF48	90636	26.3
	1350mm (54") Repl Drum w/Fingers*	CRDF54	90637	29.0
	1500mm (60") Repl Drum w/Fingers*	CRDF60	90638	32.2
	1800mm (72") Repl Drum w/Fingers*	CRDF72	90639	38.1
	2100mm (84") Repl Drum w/Fingers*	CRDF84	90640	44.0
4	3" (75mm) Replacement Finger Ring	CBC3R	90641	1.1
5	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	5.9
6	Adjusting Bracket Kit* (1 ea.)	PAB	75513	0.7

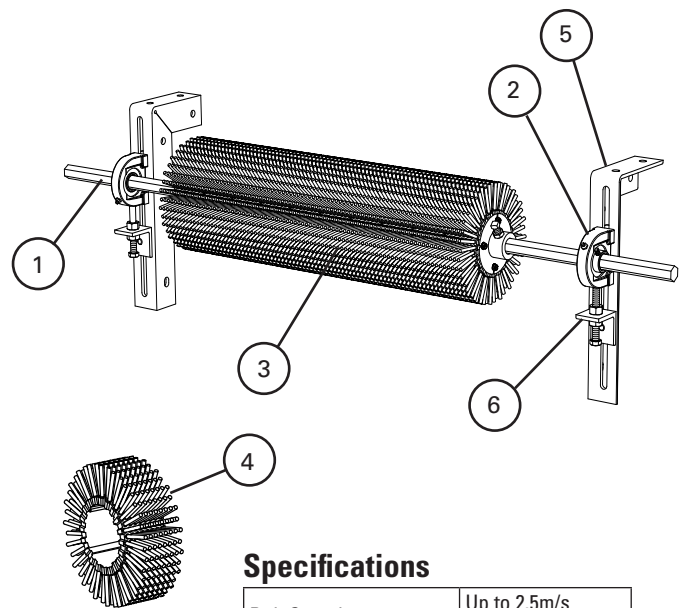
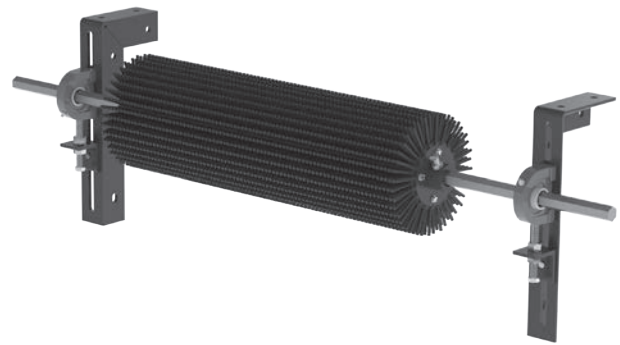
*Hardware Included Lead time: 1 working day

Shaded items are made to order.

Lead time: 3 working days

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.
- Finger rings can be replaced individually or all at once by replacing the drum.



Specifications

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

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)

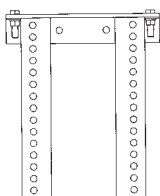
- For mounting precleaners on open head pulleys.
- Weld on both sides of pulley and bolt on steel plates.
- For use with MSP, MMP, MHP, MHCP



76537

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

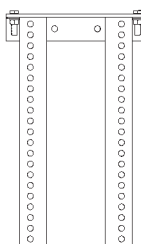
- For use with Mounting Bars to mount cleaners on open head pulleys.
- For use with MSP, MMP, MHP, MHCP



76071

Standard Mounting Bracket Kit

- For MHS/MDWS secondary cleaner installs.



76072

Long Mounting Bracket Kit

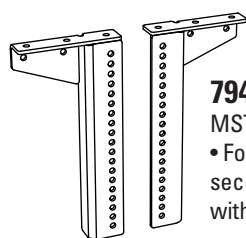
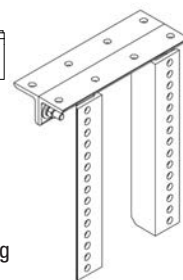
- For installations that require extra length legs.



76073

Optional Top Angle Kit

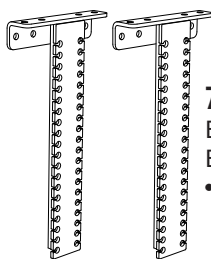
- Used with both standard and long mounting bracket kits for additional mounting options.



79434

MST Drop Bracket Kit

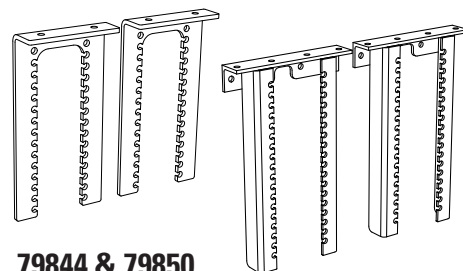
- For installs of secondary cleaners with MST tensioners.



79536

Brush Cleaner Drop Bracket Kit

- For brush cleaner installations that require extra length legs.



79844 & 79850

Y-Type SD & HD Drop Bracket Kits

- For Y-Type cleaner installations that require extra length legs.

Optional Mounting Kits

(includes 2 brackets/bars)

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Standard Mounting Bracket Kit *	SSTSMB	76071	15.6
Long Mounting Bracket Kit *	SSTLMB	76072	19.7
Optional Top Angle Kit *	SSTOTA	76073	4.8
Optional Mounting Bar Kit *	MMBK	75830	8.8
Mounting Plate Kit (incl. 2 plates)	MMPK	76537	63.5
MST Drop Brackets (2)	MSTDB	79434	12.6
Brush Cleaner Drop Brackets (2)	MBCDBK	79536	13.1
Y-Type Standard Duty Drop Brackets (2)	YSTDBK	79844	8.9
Y-Type Heavy Duty Drop Brackets (2)	YSTDDBK	79850	14.6

*Hardware Included

Lead time: 1 working day

Pole Extender Kit

(includes 2 pole extenders)

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
73mm (2-7/8") Pole Extender Kit	MAPEK	76024	9.9
60mm (2-3/8") Pole Extender Kit	RAPEK	77423	8.2

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

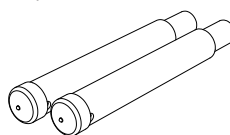
Lead time: 1 working day

Specs and Notes:

- Standard brackets are 330mm W x 394mm L (13"x15-1/2").
- Long brackets are 330mm W x 564mm L (13"x21-1/2").
- Mounting bars are 38mm W x 400mm L (1-1/2"x16") with (4) 5/8-11 tapped holes.
- Mounting plates are 400mm W x 800mm L (16"x32") with (4) 16mm (5/8") holes.

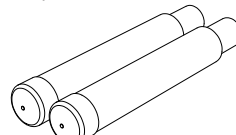
77423

2-3/8" Pole Extender Kit



76024

2-7/8" Pole Extender Kit



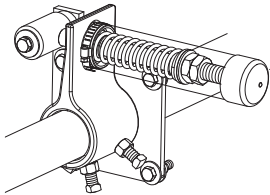
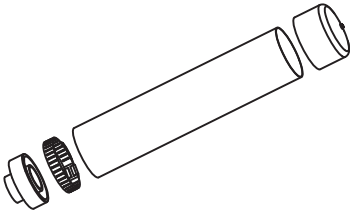
Product Ordering Information

Spring Tensioner Accessories

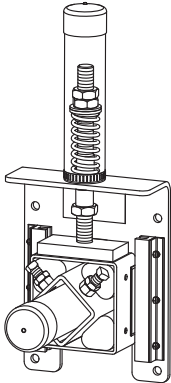
Spring Covers

ORDERING NUMBER	ITEM CODE	WT. KG.
SPG-CVR-A	77387	0.1
SPG-CVR-B	77388	0.1
SPG-CVR-C	77389	0.1
SPG-CVR-D	77390	0.2
SPG-CVR-E	77391	0.2
SPG-CVR-F	77392	0.1
SPG-CVR-G	77393	0.1
SPG-CVR-H	77741	0.1

Includes 1 spring cover
Lead time: 1 working day



Spring cover on
Precleaner tensioner



Spring cover on
Secondary cleaner
tensioner

Spring Cover Selection Chart

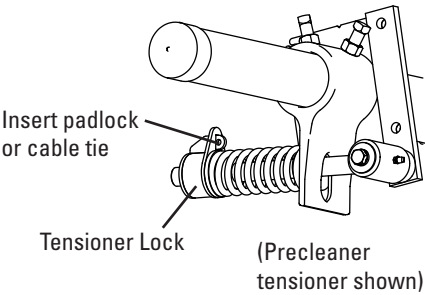
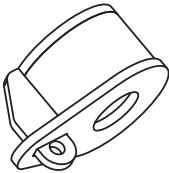
TENSIONER	SPRING COVER REQ'D
EST-P	77387
EST-S	77387
EST-B	77388
QMT-P	77389
QMT-W	77390
QMT-G	77391
QMT-S	77391
PST-R	77391
PST-W	77390
PST-S	77390
SST-W	77392
SST-S	77392
SST-B	77393
SST-G	77392
UST-P	77387
UST-S	77387
UST-W	77390
CST-W	77741
CST-S	77741
CST-B	77741
CST-G	77741

Tensioner Lock*

Designed to prevent tampering or unauthorized retensioning of the cleaner.

ORDERING NUMBER	ITEM CODE	WT. KG.
TEN-LOCK-KIT	77443	0.2

*For MSP, MMP, MHP, MHCP, H-Type Precleaners and MSS, MHS, MDWS Secondary Cleaners
Includes 1 tensioner lock
Lead time: 1 working day



Patent pending

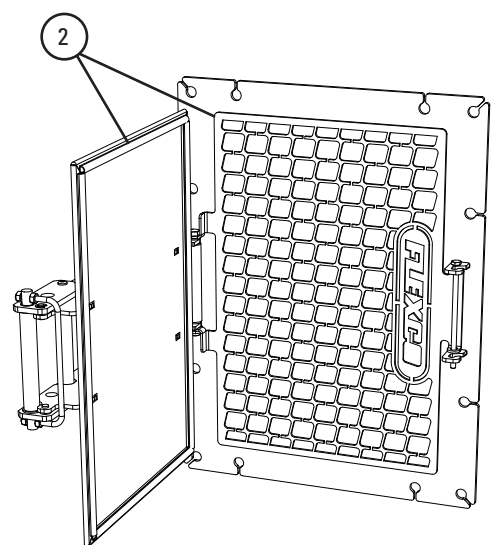
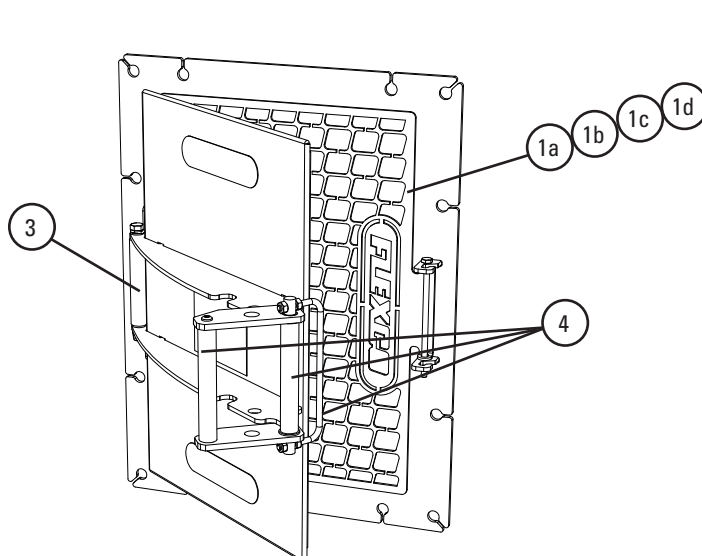
Product Ordering Information

Inspection Door

Inspection Doors

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Inspection Door 300 x 300mm (12" x 12")*	INDR-1212	79303	8.7
Inspection Door 300 x 450mm (12" x 18")*	INDR-1218	79304	10.7
Inspection Door 450 x 600mm (18" x 24")*	INDR-1824	79305	16.0
Inspection Door 600 x 600mm (24" x 24")*	INDR-2424	79306	19.4
Inspection Door w/Screen 300 x 300mm (12" x 12")*	INDR-1212S	79307	9.6
Inspection Door w/Screen 300 x 450mm (12" x 18")*	INDR-1218S	79308	11.8
Inspection Door w/Screen 450 x 600mm (18" x 24")*	INDR-1824S	79309	18.0
Inspection Door w/Screen 600 x 600mm (24" x 24")*	INDR-2424S	79310	21.9

*Hardware included



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1a	Inspection Door Screen 300 x 300mm (12" x 12")*	IDSC-1212	79311	0.9
1b	Inspection Door Screen 300 x 450mm (12" x 18")*	IDSC-1218	79312	1.1
1c	Inspection Door Screen 450 x 600mm (18" x 24")*	IDSC-1824	79313	2.0
1d	Inspection Door Screen 600 x 600mm (24" x 24")*	IDSC-2424	79314	2.5
2	Replacement Seal - 1.5M (5')**	IDSEAL	79315	0.04
3	Replacement Hinge	IDHINGE	79316	0.1
4	Replacement Latch (incl. bolt, bushings & nut)	IDLATCH	79317	1.1

*Hardware included

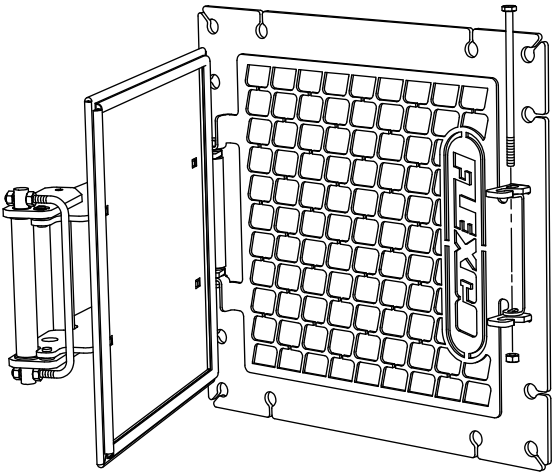
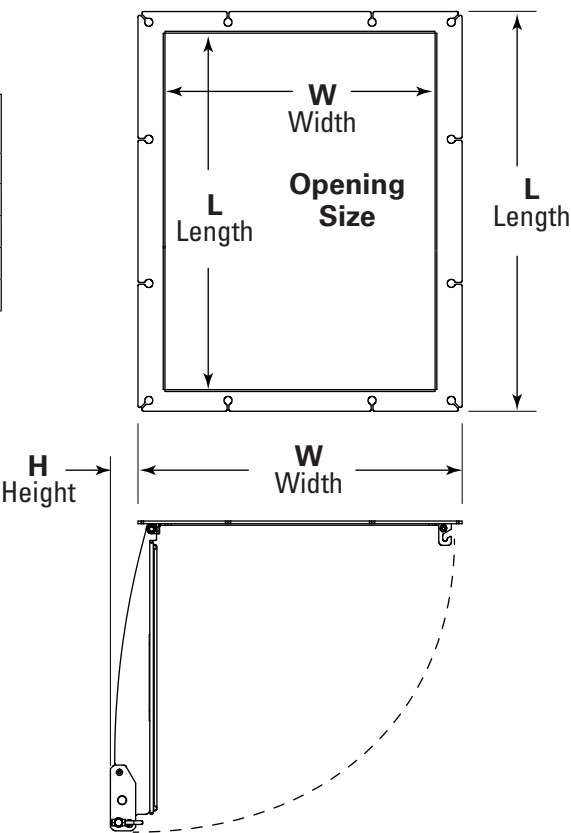
**One 1.5M (5') length of seal is needed for 300 x 300mm (12" x 12") and 300 x 450mm (12" x 18") doors or screens, and two 1.5M (5') lengths are needed for 450 x 600mm (18" x 24") and 600 x 600mm (24" x 24") doors or screens. Double if replacing seal on both door and screen.

Specifications & Guidelines

Inspection Door

Inspection Door Specifications

Door (Opening) Size (Width, Length)		Outer Dimensions (Width, Length)		Height	
mm	in.	mm	in.	mm	in.
300 W x 300 L	12 W x 12 L	415 W x 400 L	16-5/16 W x 15-3/4 L	90	3-7/16
300 W x 450 L	12 W x 18 L	415 W x 555 L	16-5/16 W x 21 3/4 L	90	3-7/16
450 W x 600 L	18 W x 24 L	570 W x 705 L	22-5/16 W x 27 3/4 L	90	3-7/16
600 W x 600 L	24 W x 24 L	720 W x 705 L	28-5/16 W x 27 3/4 L	90	3-7/16



Screen (Optional)

Screen serves as a guard that helps keep hands and tools from being placed into the chute/enclosure, but still allows visual access. Screen is hinged on the same side as the door and bolted in place on the other side so it does not require full removal for accessing the chute/ enclosure. A wrench is required to remove the bolt that holds the screen in place as a safety feature. (Holes are sized per ANSI B11 and ISO 1819.)

- Specifications:

 - Temperature Rating-55°C to 175°C (-70°F to 350°F)

Product Ordering Information

Water Spray Pole Systems Belt Cleaner Accessories

Spray Pole Kits*

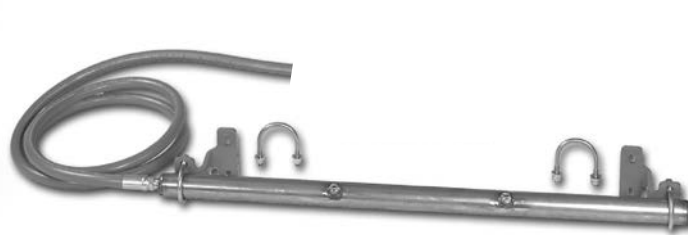
Standard & Heavy-Duty

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	SPK18	74709	10.4
600	24	SPK24	74710	10.4
750	30	SPK30	74711	10.9
900	36	SPK36	74712	10.9
1050	42	SPK42	74713	11.6
1050	42	SPKHD42	74952	12.0
1200	48	SPK48	74714	11.8
1200	48	SPKHD48	74953	12.2
1350	54	SPK54	74715	12.2
1350	54	SPKHD54	74954	12.7
1500	60	SPK60	74716	12.7
1500	60	SPKHD60	74955	13.2
1800	72	SPK72	74717	13.6
1800	72	SPKHD72	74718	14.5
2100	84	SPKHD84	74719	15.4
2400	96	SPKHD96	74720	16.3
3000	120	SPKHD120	74721	18.1

*Includes Spray Pole, Mounting Brackets, and 10' (3M) Hose. Standard-duty is for use on P-Type®, R-Type®, U-Type® 450 - 1500mm (18" - 60"), and EZS2 cleaners; Heavy-duty is for use on H-Type®, U-Type® 1800 - 2400mm (72" - 96"), and MSS, MHS, and MDWS cleaners.

Other sizes available upon request.

Lead time: 1 working day



Spray Pole



Spray Pole Control Panel

Replacement Parts

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Standard Spray Pole Mounting Kit	SPMK2	75578	1.6
HD Spray Pole Mounting Kit	SPMK3	75579	1.7
SP Ball Valve	SPBV	74742	0.3
SP Y Strainer	SPYS	74743	0.7
SP Pressure Regulator	SPPR	74744	0.5
SP Hose 10 ft	SPH10	74745	1.3
Spray Pole Nozzle	SPN	74746	0.04
Spray Pole Gauge	SPG	74747	0.2
SP SS Pipe Nipple	SPPN	74748	0.04

Lead time: 1 working day

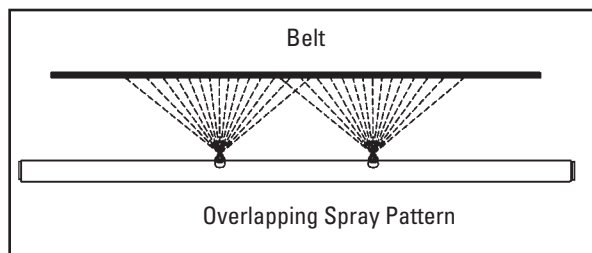
Control Assembly

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
SP Control Panel with Regulator, Strainer and Pressure Gauge	SPCP	74734	7.5

Lead time: 1 working day

Spray Nozzles Per Cleaner Size

mm	450	600	750	900	1050	1200	1350	1500	1800	2100	2400	3000
in.	18	24	30	36	42	48	54	60	72	84	96	120
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 300mm (12") centers.
- Delivers 3.7 liters (.98 gallons) per minute at 414 kPa (60 psi).
- Generally will affect moisture content of material by less than ½%.
- Maximum inlet pressure is 2069 kPa (300 psi).
- Typical pressure setting is 276-414 kPa (40-60 psi).

Product Ordering Information

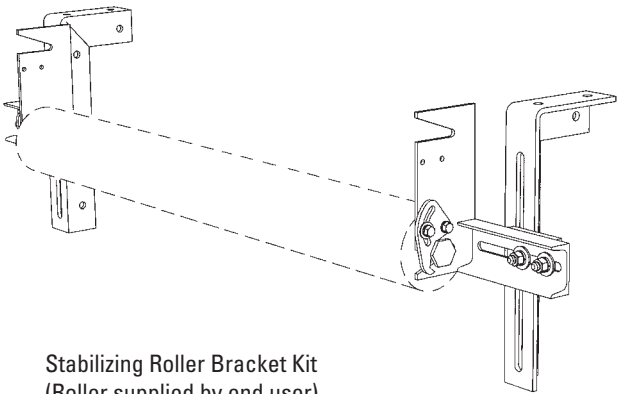
Stabilizing Rollers and Kits Belt Cleaner Accessories

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. KG.
Stabilizing Roller Bracket Kit	SRBK	74941	15.4

*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

Live-Shaft Hold-Down Roll Belt Cleaner Accessories

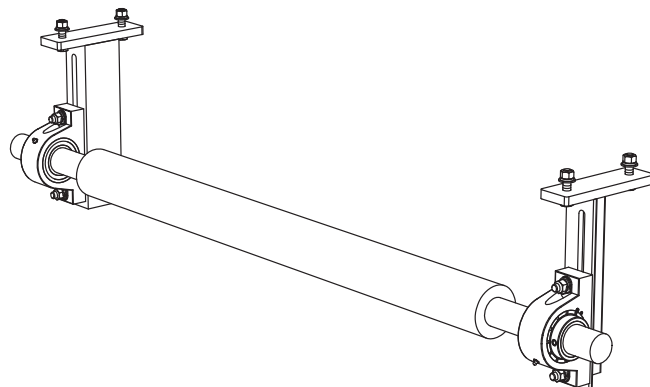
Live-Shaft Hold-Down Roll

BELT WIDTH		ROLL DIAMETER		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
600	24	114	4 1/2	HDR24	79010	72.1
750	30	114	4 1/2	HDR30	79011	76.7
900	36	114	4 1/2	HDR36	79012	81.6
1050	42	114	4 1/2	HDR42	79013	86.2
1200	48	114	4 1/2	HDR48	79014	112.9
1350	54	114	4 1/2	HDR54	79015	115.7
1500	60	114	4 1/2	HDR60	79016	120.2
1800	72	127	5	HDRS72*	79017	256.3
2100	84	127	5	HDRS84*	79018	279.0

Includes roller bracket kit

*1800 and 2100mm (72" and 84") feature solid roll

Lead time: 1 working day



Replacement Roll

BELT WIDTH		ROLL DIAMETER		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
600	24	114	4 1/2	HDRR24	79019	51.7
750	30	114	4 1/2	HDRR30	79020	56.2
900	36	114	4 1/2	HDRR36	79021	61.2
1050	42	114	4 1/2	HDRR42	79022	65.8
1200	48	114	4 1/2	HDRR48	79023	92.5
1350	54	114	4 1/2	HDRR54	79024	95.3
1500	60	114	4 1/2	HDRR60	79025	99.8
1800	72	127	5	HDRRS72*	79026	235.9
2100	84	127	5	HDRRS84*	79027	258.5

*1800 and 2100mm (72" and 84") feature solid roll

Lead time: 1 working day

Roller Bracket Kit*

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Hold Down Roll Bracket Kit - 600mm to 1500mm (24" to 60")	HDRBK	79009	20.4
HD Hold Down Roll Bracket Kit - 1800mm to 2100mm (72" to 84")	HDRBK-HD	79072	20.4

*Includes Left and Right Bracket

Lead time: 1 working day

Add-On Grease Hose Extension Kit

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Grease Hose Extension Kit incl. 2 ea. 406mm (16") hose w/fittings and tie-downs	HDRGEK	79236	0.5

Lead time: 1 working day

Specifications:

- Overall Roll Length..... Belt Width +150mm (6")
- Overall Shaft Length..... Belt Width +750mm (30")
- Shaft Diameter 600 - 1050mm (24" - 42") - 49mm (1-15/16") diameter
1200 - 1500mm (48" - 60") - 62mm (2-7/16") diameter
1800 - 2100mm (72" - 84") - 75mm (2-15/16") diameter
- Shaft Construction..... 600 - 1500mm (24" - 60") - 1045 CD
1800-2100mm (72" - 84") - turned from solid 4140 round stock

Product Notes:

- For use in applications with belt cup or belt flap.
- By preventing these issues secondary cleaner performance and blade/tip life is enhanced.

Product Ordering Information

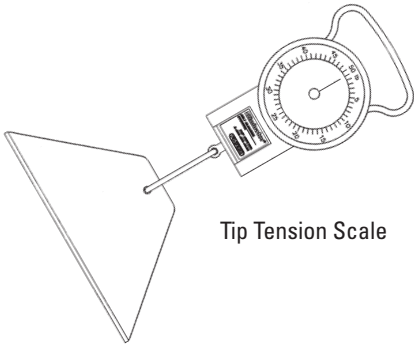
Optional Installation Tools

Tip Tension Scale

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

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
H Tip Tension Scale	HTTS	74141	0.04

Lead time: 1 working day



Tip Tension Scale

Spring Tension Chart

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

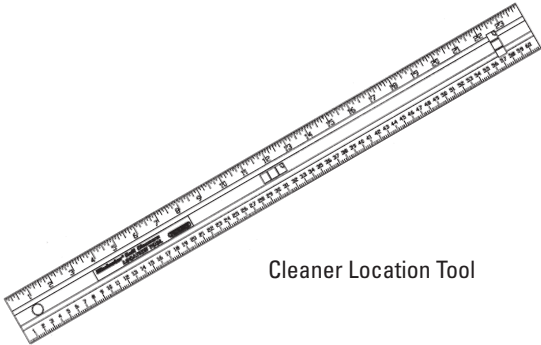
For installation and for retensioning blades during maintenance.

Cleaner Location Tool

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

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Location Tool	ELT	74774	0.1

Length - 600mm (24")
Lead time: 1 working day



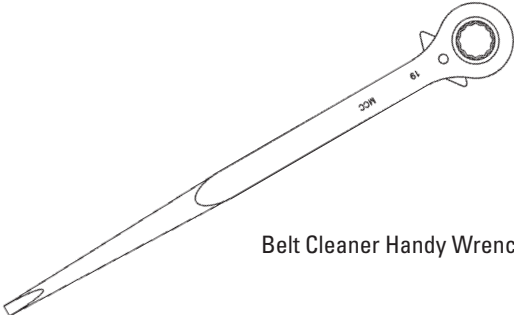
Cleaner Location Tool

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. KG.
Belt Cleaner Handy Wrench	HW-BC	74100	0.5

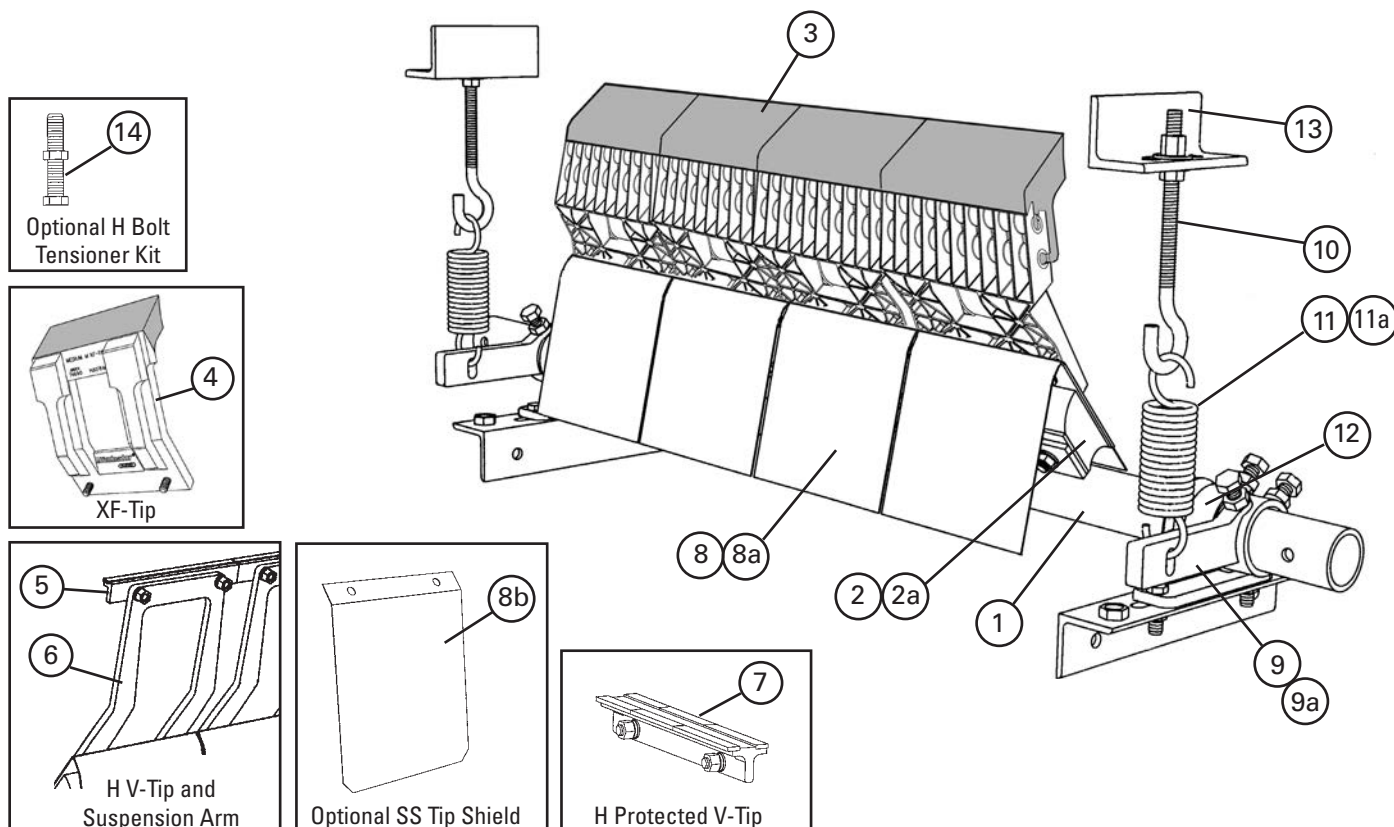
Lead time: 1 working day



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. KG.
1	450mm (18") Pole	HP-18	78990	10.4
	600mm (24") Pole	HP-24	78991	12.2
	750mm (30") Pole	HP-30	78992	13.2
	900mm (36") Pole	HP-36	78993	15.0
	1050mm (42") Pole	HP-42	78994	19.5
	1200mm (48") Pole	HP-48	78995	21.3
	1350mm (54") Pole	HP-54	78996	24.0
	1500mm (60") Pole	HP-60	78997	26.8
	1800mm (72") Pole	HP-72	78998	29.9
2	H2 XF-Tip Cushion* (for HXF2 & HV Tips)	HXFC2	75902	1.8
2a	H2 F-Tip Cushion* (for SS HXF2 & SS HV Tips)	HFC2	75901	1.8
3	HXF2-Tip Extra Small*	HXF2-SS	75979	1.4
	HXF2-Tip Small*	HXF2-S	75980	1.5
	HXF2-Tip Medium*	HXF2-M	75981	1.7
	HXF2-Tip Large*	HXF2-L	75982	1.9
4	H XF-Tip Extra Small*	HXF8SS	74307	1.5
	H XF-Tip Small*	HXF8S	74689	1.7
	H XF-Tip Medium*	HXF8M	74690	1.9
	H XF-Tip Large*	HXF8L	74691	2.0
5	H V-Tip (for vulcanized belts only)	HVT8-S/S	75419	0.5
6	H SSS Suspension Arm*	HSA8SSS	75565	0.2
	H SS Suspension Arm*	HSA8SS	73047	0.2
	H S Suspension Arm*	HSA8S	73048	0.5
	H M Suspension Arm*	HSA8M	73049	0.7
	H L Suspension Arm*	HSA8L	73063	0.9
	H LL Suspension Arm*	HSA8LL	73064	1.1
7	H Protected V-Tip* (for vulcanized belts only)	HVPT	73631	1.2

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
8	H Polysshield	HPS8	73050	0.2
8a	H SS Cushion Shield	HSSCS	74772	0.3
8b	H SS Tip Shield	HSSTS	74771	0.2
9	H Adjusting Arm Repair Kit* (includes 1 adjusting arm)	HAR-K	78786	2.7
9a	H HD Adjusting Arm Repair Kit* (includes 1 adjusting arm)	HDARK	74550	3.6
10	J-Bolt Kit* (includes 1 ea.)	STJK	74417	0.3
11	Tension Spring (includes 1 ea.) for 450mm (18")	STTS	74419	0.6
11a	HD Tension Spring (includes 1 ea.) for sizes 600 - 1800mm (24" - 72")	HDTTS	74502	0.9
12	Pole Lock (includes 1 ea.)	EZP1PL	75641	0.5
13	Spring Tensioner J-Bolt Mount (incl. 1 ea.)	STJM	74775	1.4
-	H Mounting/J-Bolt Kit - Single (incl. 1 ea. items 9,10,11,12,13 and 2 ea. bracket/bearing)	H-MK1	78987	9.1
-	H Mounting/J-Bolt Kit - Dual (incl. 2 ea. items 9,10,11,12,13 and bracket/bearing)	H-MK2	78801	11.1
-	Spring Tension Kit - Single (incl. 1 ea. items 10,11, & 13 and 2 ea. item 12)	STKS	74505	3.1
-	Spring Tension Kit - Dual (includes 2 ea. items 10,11,12 & 13)	STKD	74504	5.1
-	Spring Tension Kit HS - Single (incl. 1 ea. items 10,11a, & 13 and 2 ea. item 12)	STKHSS	74313	3.6
-	Spring Tension Kit HS - Dual (includes 2 ea. items 10,11a,12 & 13)	STKHSD	74316	7.3
14	H Bolt Tensioner Kit (includes 2 adjusting bolts & 2 jam nuts)	HBTK	74776	0.2

*Hardware included

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

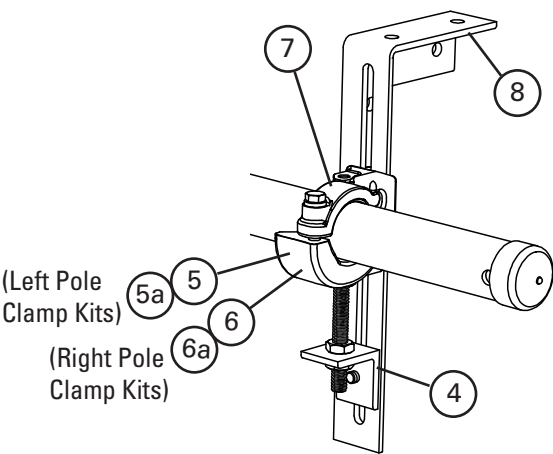
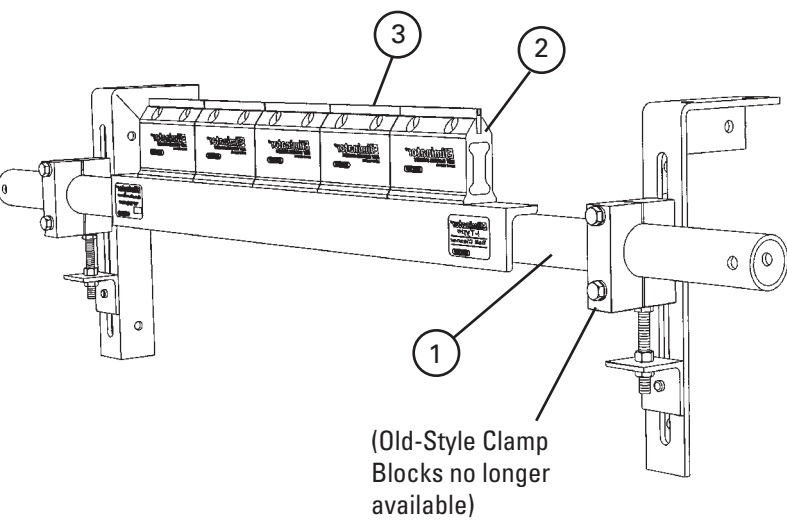
Lead time: 1 working day

Shaded items are made to order.

Lead time: 10 working days

Product Ordering Information

I-Type™ Legacy Belt Cleaner Parts



I-Type™ Replacement Parts

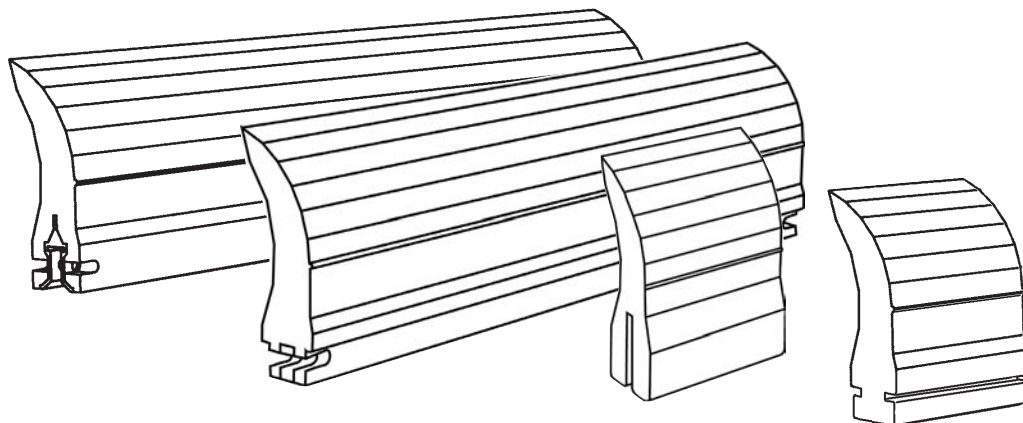
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	450mm (18") Pole	EZS2P18	75652	11.3
	600mm (24") Pole	EZS2P24	75653	12.7
	750mm (30") Pole	EZS2P30	75654	13.6
	900mm (36") Pole	EZS2P36	75655	15.4
	1050mm (42") Pole	EZS2P42	75656	16.3
	1200mm (48") Pole	EZS2P48	75657	17.7
	1350mm (54") Pole	EZS2P54	75658	19.1
	1500mm (60") Pole	EZS2P60	75659	34.9
	1800mm (72") Pole	EZS2P72	75660	40.4
2	I Standard Cushion*	ISC	74534	1.0
3	I C-Tip* (for mechanically spliced and vulcanized belts)	ICT6	74535	0.3
4	Adjusting Bracket Kit (1 Right and 1 Left)	PAB	75513	0.7
5	Pole Clamp Kit LEFT* (1 ea.) (incl. item 7) (for sizes 450 - 1350mm (18" - 54"))	CCKL	79224	3.1
5a	HD Pole Clamp Kit LEFT* (1 ea.) (incl. item 7a) for sizes 1500 - 1800mm (60" - 72")	CCKHDL	79225	3.9
6	Pole Clamp Kit RIGHT* (1 ea.) (incl. item 7) for sizes 450 - 1350mm (18" - 54")	CCKR	79228	3.1
6a	HD Pole Clamp Kit RIGHT* (1 ea.) (incl. item 7a) for sizes 1500 - 1800mm (60" - 72")	CCKHDR	79229	3.9
7	Cradle Clamp Top Strap (1 ea.) for use on L or R Pole Clamp Kit	CCKTS	79232	0.5
7a	HD Cradle Clamp Top Strap (1 ea.) for use on L or R HD Pole Clamp Kit	CCKHDTS	79233	0.8
8	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	5.9
—	Cradle Clamp Mounting Kit* for sizes 450 - 1350mm (18" - 54") (incl. 1 ea. Items 5, 6, & 8, 2 ea. Items 4 & 7)	CCMK	78919	15.0
—	HD Cradle Clamp Mounting Kit* for sizes 1500 - 1800mm (60" - 72") (incl. 1 ea. Items 5a, 6a, & 8, 2 ea. Items 4 & 7a)	CCMKHD	78920	16.6

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

New Style Clamp Block

Part Number Cross-Reference Guide

ConShear™ Replacement Blades for OEM Belt Cleaners



ConShear™ Blade Technology

The patented polyurethane 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 polyurethane 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 144 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 144 for proper blade installation and tensioning instructions.

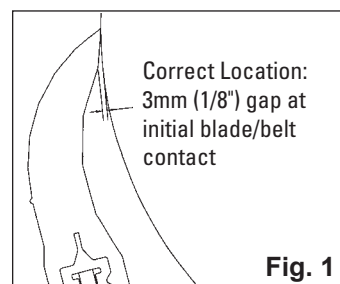
Installation and Tensioning Tips

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.

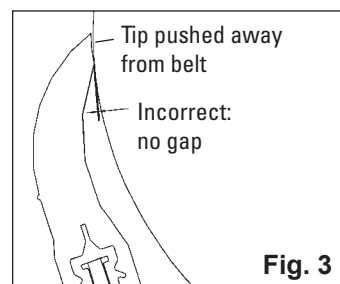
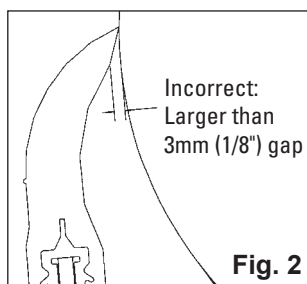
Correct Location:

When blade contact is made against the head pulley (prior to tensioning) there should be a 1.5mm (1/16") to 3mm (1/8") gap at the bottom of the blade face (Fig. 1).



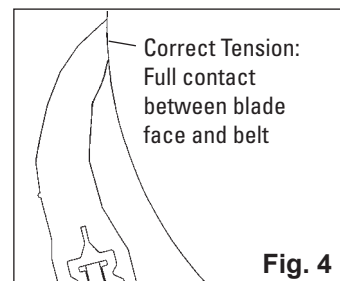
Possible Problems:

- **Pole location too far out** - The initial blade/belt contact gap will be larger than 3mm (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).

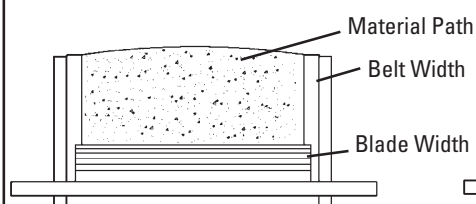


The "Material Path" Option

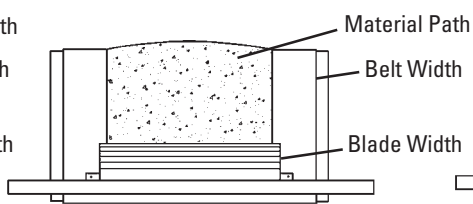
For optimal cleaning and reduced blade retensioning, the cleaner blade width should be sized to fit the material path of the belt. The material path is typically the center 2/3 of the belt width. Choosing a blade only slightly wider than the material path can decrease differential blade wear which reduces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

Match blade width to belt's material path

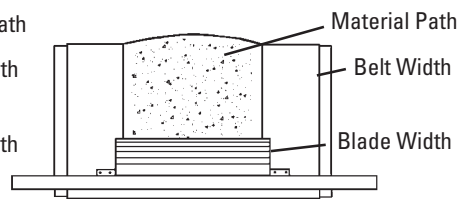
Belt Width Minus 50mm (2")



Belt Width Minus 200mm (8")



Belt Width Minus 350mm (14")



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 mm	ACTUAL BLADE LENGTH mm	MARTIN® QC #1® PART NUMBER	MARTIN® PIT VIPER™ PART NUMBER	ORDERING NUMBER	CONShear™ ITEM CODE	WT. KG.
300	250	32773-1211	PV1211100R	CRB10	75628	2.1
450	400	32773-1811	PV1811160R	CRB16	75629	3.3
600	550	32773-2411	PV2411220R	CRB22	75630	4.6
750	700	32773-3011	PV3011280R	CRB28	75631	5.8
900	850	32773-3611	PV3611340R	CRB34	75632	7.0
1050	1000	32773-4211	PV4211400R	CRB40	75633	8.3
1200	1150	32773-4811	PV4811460R	CRB46	75634	9.5
1350	1300	32773-5411	PV5411520R	CRB52	75635	10.8
1500	1450	32773-6011	PV6011580R	CRB58	75636	12.0
1800	1750	32773-7211	PV7211700R	CRB70	75773	14.5

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	0.04

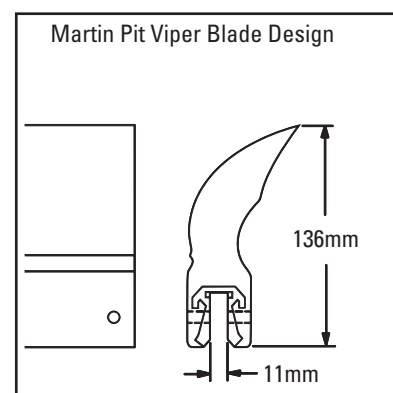
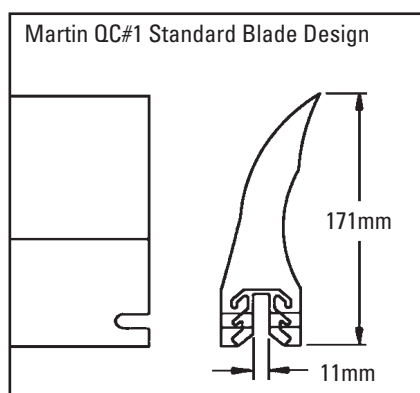
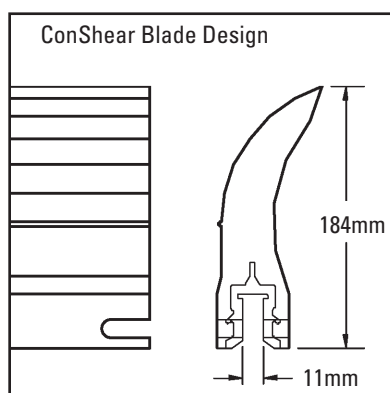
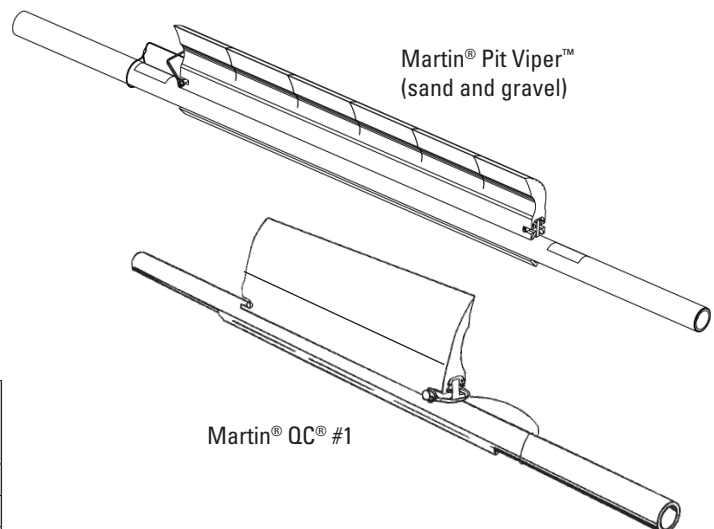
Lead time: 1 working day

Specifications

SLOT WIDTH	POLE PLATE THICKNESS	CONShear™ BLADE HEIGHT	QC#1 BLADE HEIGHT
11mm	8mm	184mm	171mm

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Martin® QC™ #1	71 cm	19.4 cm²	592.0 cm³
Martin® Pit Viper™	71 cm	27.1 cm²	758.7 cm³
ConShear™	71 cm	35.2 cm²	993.5 cm³



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 mm	ACTUAL BLADE LENGTH mm	MARTIN® PART NUMBER	ORDERING NUMBER	CONSHEAR™ ITEM CODE	WT. KG.
450	300	35381-1811	RBQC1HD-12	75985	2.5
600	450	35381-2411	RBQC1HD-18	75986	3.8
750	600	35381-3011	RBQC1HD-24	75987	5.0
900	750	35381-3611	RBQC1HD-30	75988	6.3
1050	900	35381-4211	RBQC1HD-36	75989	7.5
1200	1050	35381-4811	RBQC1HD-42	75990	8.8
1350	1200	35381-5411	RBQC1HD-48	75991	10.0
1500	1350	35381-6011	RBQC1HD-54	75992	11.2
1800	1650	35381-7211	RBQC1HD-66	75993	13.8

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

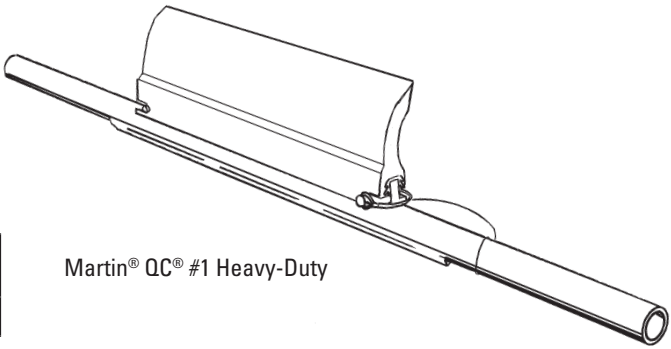
Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. KG.
RB38BP	79481	0.1

Lead time: 1 working day

Specifications

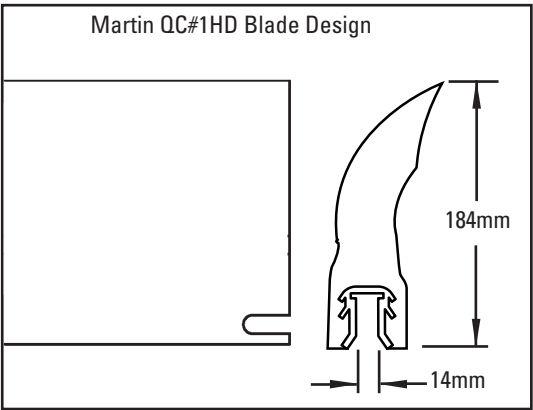
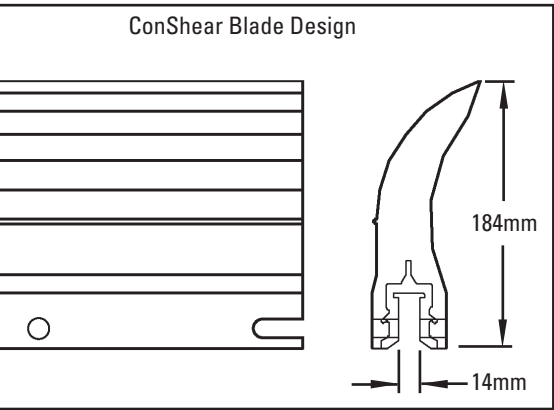
SLOT WIDTH	POLE PLATE THICKNESS	CONSHEAR BLADE HEIGHT	QC#1HD BLADE HEIGHT
14mm	13mm	184mm	184mm



Martin® QC® #1 Heavy-Duty

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Martin® QC™ #1 HD	71 cm	43.0 cm²	1201.3 cm³
ConShear™	71 cm	35.5 cm²	993.5 cm³



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 Martin® QB® #1 Blades

Ordering Information

BELT WIDTH	ACTUAL BLADE LENGTH	MARTIN® PART NUMBER	ORDERING NUMBER	CONSHEAR™ ITEM CODE	WT. KG.
450	16"	39344-1811160R	RBQB1-16/400	90935	3.3
600	18"	39344-2411180R	RBQB1-18/450	90936	3.7
	22"	39344-2411220R	RBQB1-22/550	90937	4.6
750	24"	39344-3011240R	RBQB1-24/600	90938	5.0
	28"	39344-3011280R	RBQB1-28/700	90939	5.8
900	30"	39344-3611300R	RBQB1-30/750	90940	6.2
	34"	39344-3611340R	RBQB1-34/850	90941	7.0
1050	36"	39344-4211360R	RBQB1-36/900	90942	7.5
	40"	39344-4211400R	RBQB1-40/1000	90943	8.3
1200	42"	39344-4811420R	RBQB1-42/1050	90944	8.7
	46"	39344-4811460R	RBQB1-46/1150	90945	9.5
1350	48"	39344-5411480R	RBQB1-48/1200	90946	9.9
	52"	39344-5411520R	RBQB1-52/1300	90947	10.8
1500	54"	39344-6011540R	RBQB1-54/1350	90948	11.2
	58"	39344-6011580R	RBQB1-58/1450	90949	12.0
1650	60"	39344-6611600R	RBQB1-60/1500	90950	12.4
1800	64"	39344-7211640R	RBQB1-64/1600	90951	13.2
	70"	39344-7211700R	RBQB1-70/1750	90952	14.5
1950	72"	39344-7811720R	RBQB1-72/1800	90953	14.9

Lead time: 1 working day

Replacement Blade Clamp

ORDERING NUMBER	ITEM CODE	WT. KG.
QB1PCK	90954	2.2

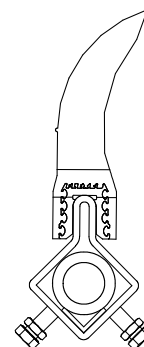
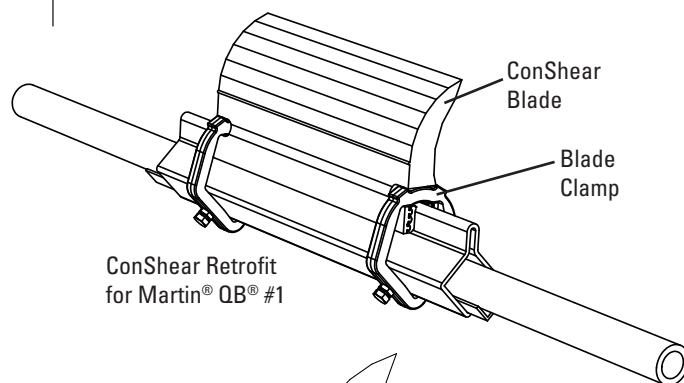
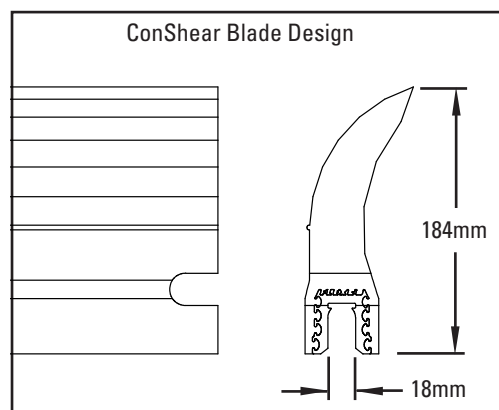
Lead time: 1 working day

Specifications

SLOT WIDTH	CONSHEAR BLADE HEIGHT	QB#1 BLADE HEIGHT
18mm	184mm	165mm

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Martin® QB™ #1	711mm	.14605m ²	4.1m ³
ConShear™	711mm	.1397m ²	3.9m ³



U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.
Martin® and QB® #1 are registered trademarks of Martin Engineering, Neponset, IL.

Part Number Cross-Reference Guide

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

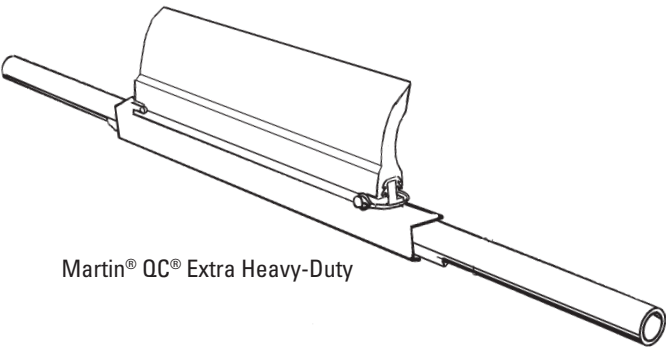
BELT WIDTH		BLADE WIDTH		MARTIN QC XHD PART NUMBER	ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.				
600	24	450	18	35897-2411	TRB18	76485	9.5
750	30	600	24	35897-3011	TRB24	76486	12.7
900	36	750	30	35897-3611	TRB30	76487	15.9
1050	42	900	36	35897-4211	TRB36	76488	19.1
1200	48	1050	42	35897-4811	TRB42	76489	22.2
1350	54	1200	48	35897-5411	TRB48	76490	25.4
1500	60	1350	54	35897-6011	TRB54	76491	28.6
1650	66	1500	60	35897-6611	TRB60	76492	31.8
1800	72	1650	66	35897-7211	TRB66	76493	34.9
1950	78	1800	72	35897-7811	TRB72	76494	39.5
2100	84	1950	78	35897-8411	TRB78	76697	41.3
2250	90	2100	84	35897-9011	TRB84	77047	44.5
2400	96	2250	90	35897-9611	TRB90	77048	47.6

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. KG.
MMPBPK	76466	0.4

Lead time: 1 working day



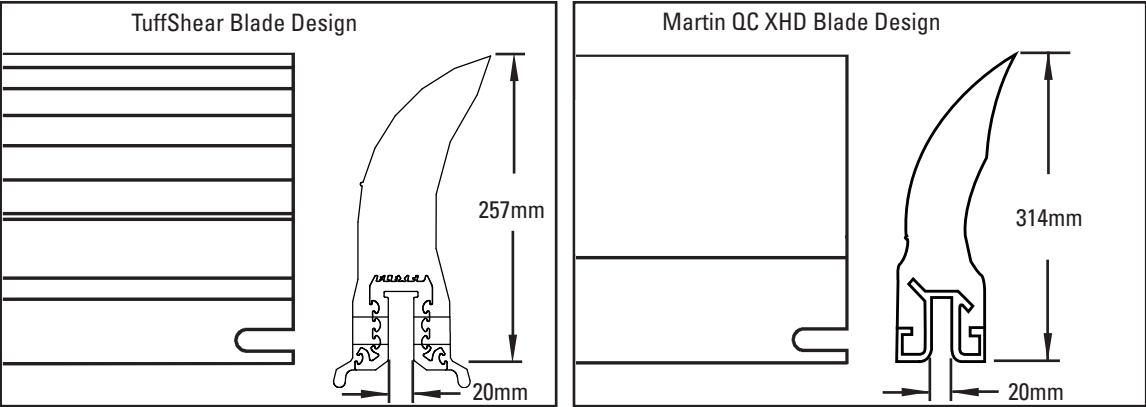
Martin® QC® Extra Heavy-Duty

Specifications

SLOT WIDTH	POLE PLATE THICKNESS	TUFFSHEAR BLADE HEIGHT	QC XHD BLADE HEIGHT
20mm	19mm	57mm	314mm

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Martin® QC™ XHD	76 cm	110.0 cm ²	3292.3 cm ³
TuffShear™	76 cm	503.2 cm ²	2340.0 cm ³



U.S. Patent No. D482,508S
TuffShear™ 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

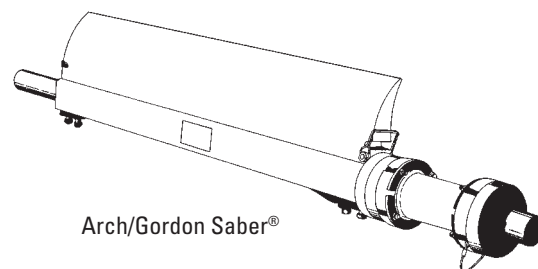
Cross-Reference for Replacement of Arch-Gordon Saber® Primary Blades

Ordering Information

BELT WIDTH mm	ACTUAL BLADE LENGTH mm	ARCH/GORDON PART NUMBER	ORDERING NUMBER	CONShear™ ITEM CODE	WT. KG.
450	400	MRBSB000180000	RBAGS-16	75995	3.3
450	450	MRBSB00018F000	RBAGS-18	76967	3.7
600	550	MRBSB000240000	RBAGS-22	75996	4.6
600	600	MRBSB00024F000	RBAGS-24	76968	5.0
750	700	MRBSB000300000	RBAGS-28	75997	5.8
750	750	MRBSB00030F000	RBAGS-30	76969	6.2
900	850	MRBSB000360000	RBAGS-34	75998	7.0
900	900	MRBSB00036F000	RBAGS-36	76970	7.5
1050	1000	MRBSB000420000	RBAGS-40	75999	8.3
1050"	1050	MRBSB00042F000	RBAGS-42	76971	8.7
1200	1150	MRBSB000480000	RBAGS-46	76028	9.5
1200	1200	MRBSB00048F000	RBAGS-48	76972	9.9
1350	1300	MRBSB000540000	RBAGS-52	76029	10.8
1350	1350	MRBSB00054F000	RBAGS-54	76973	11.2
1500	1450	MRBSB000600000	RBAGS-58	76030	12.0
1500	1500	MRBSB00060F000	RBAGS-60	76974	12.4
1800	1750	MRBSB000720000	RBAGS-70	76031	14.5
1800	1800	MRBSB00072F000	RBAGS-72	76975	14.9
2100	2100	MRBSB00084F000	RBAGS-84	76976	17.4

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

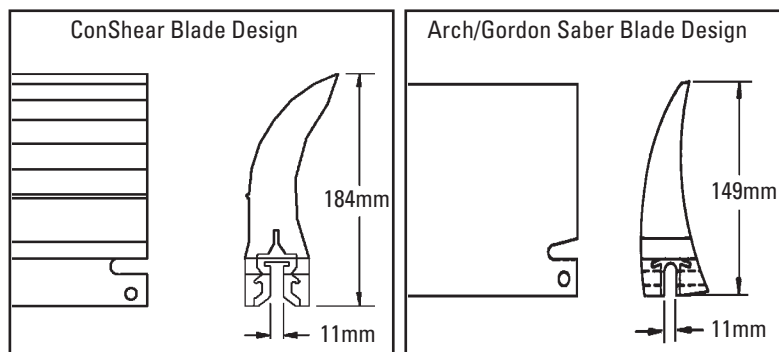
ORDERING NUMBER	ITEM CODE	WT. LBS.
EZP1BP	75642	0.04

Lead time: 1 working day

ConShear-LS for Arch/Gordon Mini-Saber Blades

BELT WIDTH		BLADE WIDTH		ARCH/GORDON PART NUMBER	ORDERING NUMBER	CONSSHEAR-LS ITEM CODE	WT. KG.
mm	in.	mm	in.				
450	18	400	16	MRBMN00018	RBAGM-16	77106	1.5
600	24	550	22	MRBMN00024	RBAGM-22	77107	2.1
750	30	700	28	MRBMN00030	RBAGM-28	77108	2.6
900	36	850	34	MRBMN00036	RBAGM-34	77109	3.2
1050	42	1000	40	MRBMN00042	RBAGM-40	77110	3.8
1200	48	1150	46	MRBMN00048	RBAGM-46	77111	4.4

Additional sizes are available upon request. Call for pricing.



Specifications

SLOT WIDTH	POLE PLATE THICKNESS	CONShear BLADE HEIGHT	SABER BLADE HEIGHT
11mm	9mm	184mm	149mm

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Arch/Gordon Saber®	71 cm	19.7 cm ²	553.0 cm ³
ConShear™	71 cm	35.5 cm ²	993.5 cm 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 mm	ACTUAL BLADE LENGTH mm	ARCH/GORDON PART NUMBER	ARCH/GORDON OLD PART NUMBER	ORDERING NUMBER	CONSHEAR™ ITEM CODE	WT. KG.
450	400	MRBCM00018	SCM-016-18	RBAGSCM-16	76572	3.3
600	550	MRBCM00024	SCM-016-24	RBAGSCM-22	76573	4.6
750	700	MRBCM00030	SCM-016-30	RBAGSCM-28	76574	5.8
900	850	MRBCM00036	SCM-016-36	RBAGSCM-34	76575	7.0
1050	1000	MRBCM00042	SCM-016-42	RBAGSCM-40	76576	8.3
1200	1150	MRBCM00048	SCM-016-48	RBAGSCM-46	76577	9.5
1350	1300	MRBCM00054	SCM-016-54	RBAGSCM-52	76578	10.8
1500	1450	MRBCM00060	SCM-016-60	RBAGSCM-58	76579	12.0
1800	1750	MRBCM00072	SCM-016-72	RBAGSCM-70	76581	14.5

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

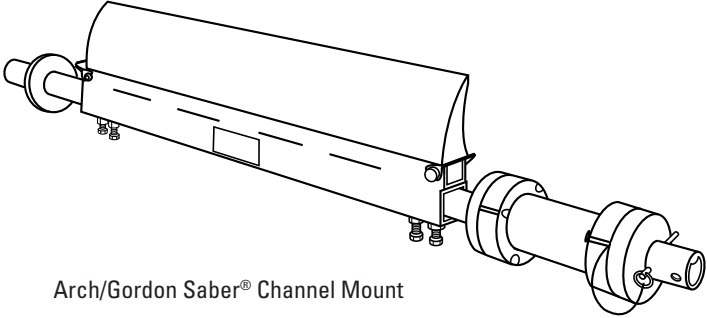
Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. KG
EZP1BP	75642	0.04

Lead time: 1 working day

Specifications

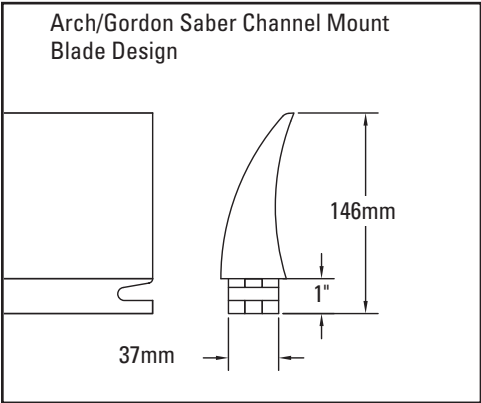
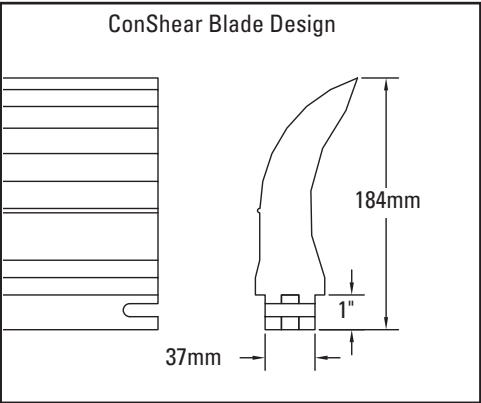
BASE WIDTH	CONSHEAR BLADE HEIGHT	CHANNEL MOUNT BLADE HEIGHT
37mm	184	146mm



Arch/Gordon Saber® Channel Mount

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Arch/Gordon Saber® Channel Mount	71 cm	19.7 cm²	553.0 cm³
ConShear™	71 cm	35.5 cm²	993.5 cm³



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 Superior Exterra® Blades

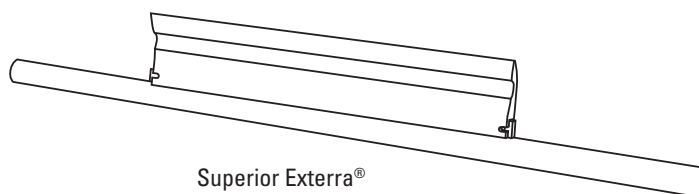
Ordering Information

BELT WIDTH mm	ACTUAL BLADE LENGTH mm	SUPERIOR EXTERRA® PART NUMBER	ORDERING NUMBER	CONSHEAR™ ITEM CODE	WT. KG.
300	250	07-00540	RBSE-10	79861	2.1
450	400	07-00541	RBSE-16	79862	3.3
600	550	07-00542	RBSE-22	79863	4.6
750	700	07-00543	RBSE-28	79864	5.8
900	850	07-00544	RBSE-34	79865	7.0
1050	1000	07-00545	RBSE-40	79866	8.3
1200	1150	07-00546	RBSE-46	79867	9.5
1350	1300	07-00547	RBSE-52	79868	10.8
1500	1450	07-00549	RBSE-58	79869	12.0
1650	1600	07-00548	RBSE-64	79870	13.3
1800	1750	07-00550	RBSE-70	79871	14.5

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

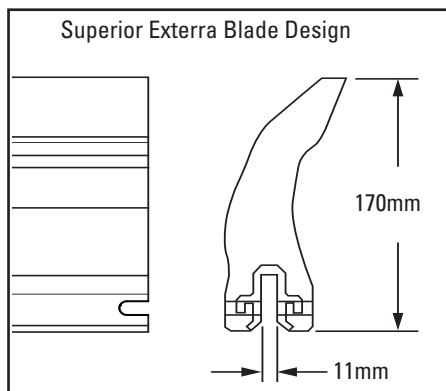
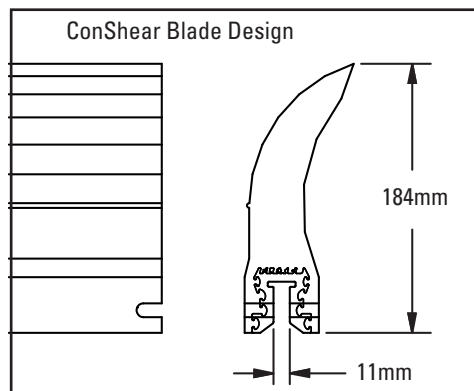
NOTE: Blade coverage is 2 inches less than belt width.

Lead time: 3 working days



Specifications

SLOT WIDTH	POLE PLATE THICKNESS	CONSHEAR BLADE HEIGHT	EXTERRA BLADE HEIGHT
11mm	9mm	184mm	170mm



U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.

Exterra® is a registered trademark of Superior Industries, Inc. Morris, MN

Part Number Cross-Reference Guide

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

Ordering Information

BELT WIDTH mm	ACTUAL BLADE LENGTH mm	ASGCO® PART NUMBER	ORDERING NUMBER	CONShear™ ITEM CODE	WT. KG.
450	450	ASG-SK4-18A	RBAS4-18	76032	3.8
600	600	ASG-SK4-24A	RBAS4-24	76033	5.0
750	750	ASG-SK4-30A	RBAS4-30	76034	6.3
900	900	ASG-SK4-36A	RBAS4-36	76035	7.5
1050	1050	ASG-SK4-42A	RBAS4-42	76036	8.8
1200	1200	ASG-SK4-48A	RBAS4-48	76037	10.0
1350	1350	ASG-SK4-54A	RBAS4-54	76038	11.2
1500	1500	ASG-SK4-60A	RBAS4-60	76039	12.5
1800	1800	ASG-SK4-72A	RBAS4-72	76040	15.0

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. KG.
RB38BP	79481	0.1

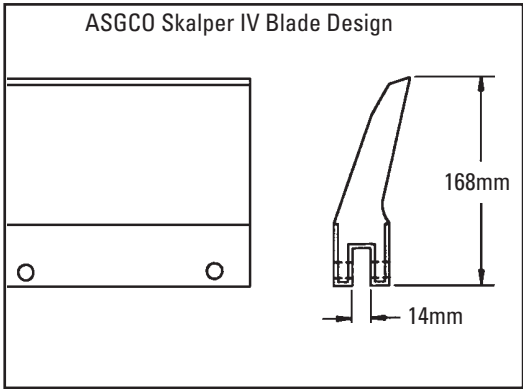
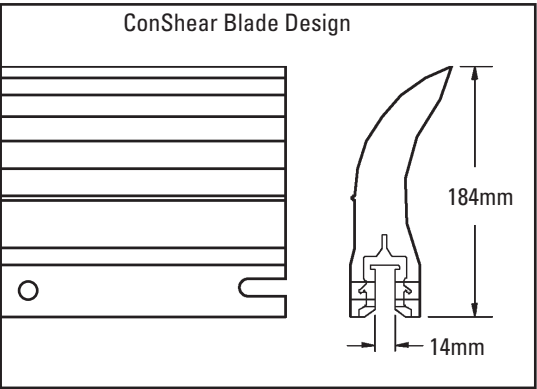
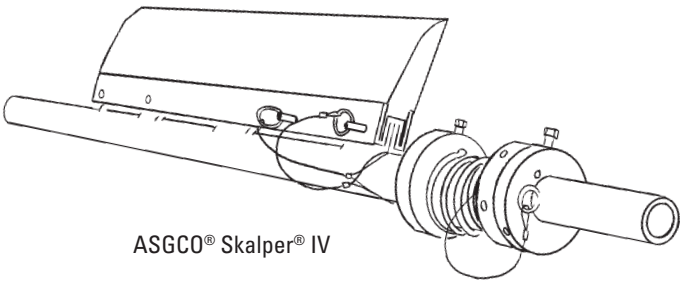
Lead time: 1 working day

Specifications

SLOT WIDTH	POLE PLATE THICKNESS	CONShear BLADE HEIGHT	SKALPER BLADE HEIGHT
14mm	13mm	184mm	168mm

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross- section)	Usable BLADE VOLUME
ASGCO® Skalper® IV	71 cm	21.2 cm ²	594.1 cm ³
ConShear™	71 cm	35.5 cm ²	993.5 cm 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 mm	ACTUAL BLADE LENGTH mm	ARGONICS PART NUMBER	ORDERING NUMBER	CONShear™ ITEM CODE	WT. KG.
300	250	CP-RE-10-G83	RBAER-10	76041	2.1
450	400	CP-RE-16-G83	RBAER-16	76042	3.3
600	550	CP-RE-22-G83	RBAER-22	76043	4.6
750	700	CP-RE-28-G83	RBAER-28	76044	5.8
900	850	CP-RE-34-G83	RBAER-34	76045	7.0
1050	1000	CP-RE-40-G83	RBAER-40	76046	8.3
1150	1100	CP-RE-44-G83	RBAER-44	76655	9.1
1200	1150	CP-RE-46-G83	RBAER-46	76047	9.5
1350	1300	CP-RE-52-G83	RBAER-52	76048	10.8
1500	1450	CP-RE-58-G83	RBAER-58	76049	12.0
1800	1750	CP-RE-70-G83	RBAER-70	76050	14.5

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. KG.
RB38BP	79481	0.1

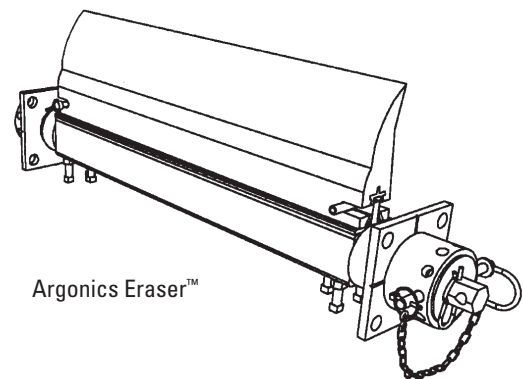
Lead time: 1 working day

Specifications

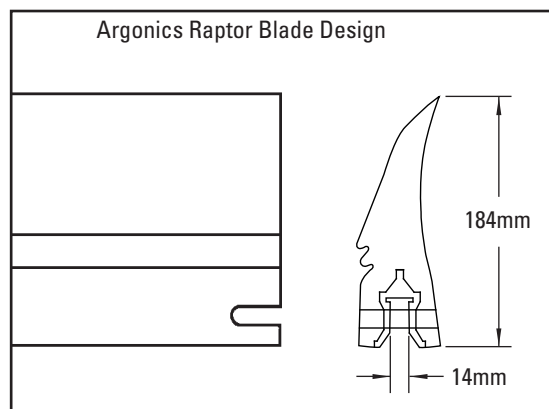
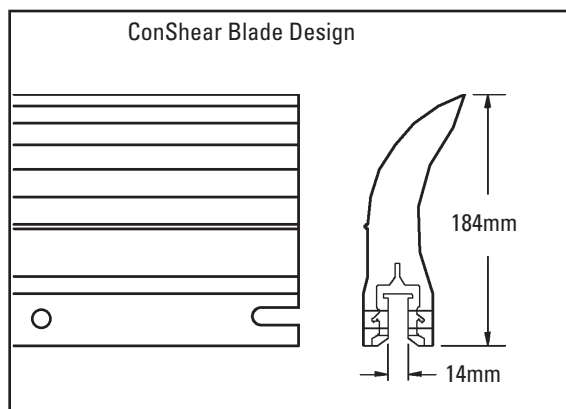
SLOT WIDTH	POLE PLATE THICKNESS	CONShear BLADE HEIGHT	RAPTOR BLADE HEIGHT
14mm	13mm	184mm	184mm

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Argonics™ Raptor™	71 cm	27.4 cm ²	767.7 cm ³
ConShear™	71 cm	35.5 cm ²	993.5 cm 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	SA PART NUMBER	ORDERING NUMBER	CONSHEAR™ ITEM CODE	WT. KG.
152mm	ABC90	RB6SA	76570	1.4

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

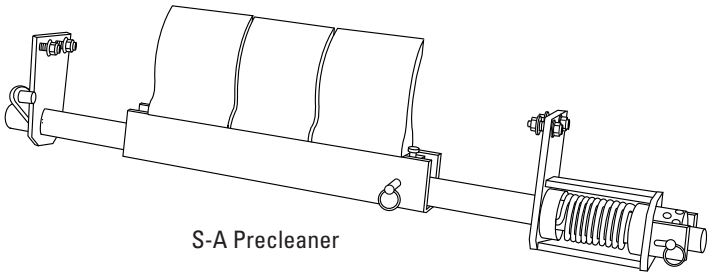
Cleaner Blades Required Per Belt Width

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

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

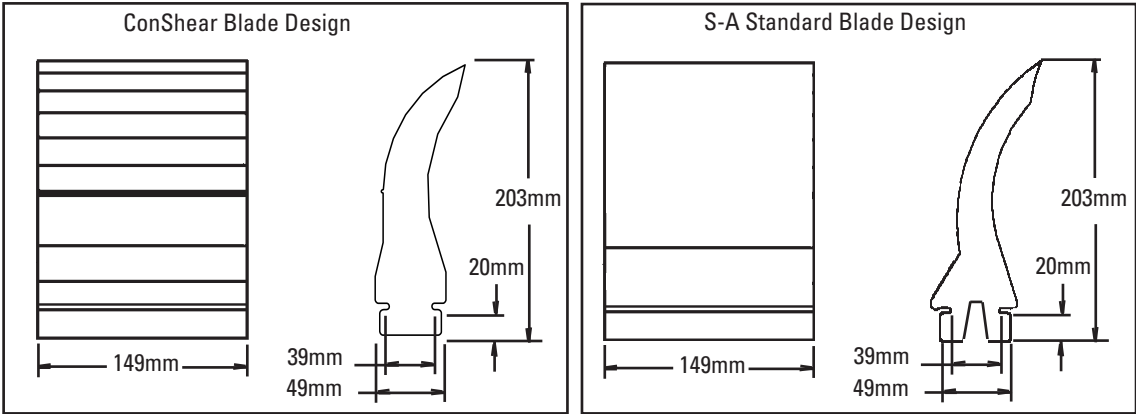
Specifications

BASE WIDTH	BASE HEIGHT	CONSHEAR BLADE HEIGHT	S-A BLADE HEIGHT
49mm	20mm	203mm	203mm



Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
S-A Metso/Trellex	15 cm	25.0 cm ²	147.1 cm ³
ConShear™	15 cm	35.5 cm ²	213.0 cm 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	MARTIN® PART NUMBER	ORDERING NUMBER	CONShear™ ITEM CODE	WT. KG.
152mm	27987-C	RB6DH	76571	1.5

Lead time: 1 working day

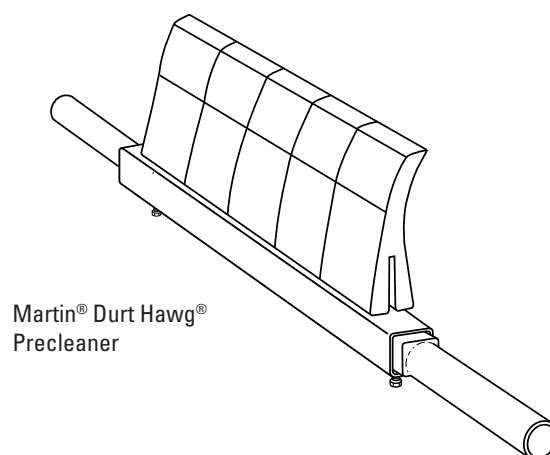
Cleaner Blades Required Per Belt Width

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

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

Specifications

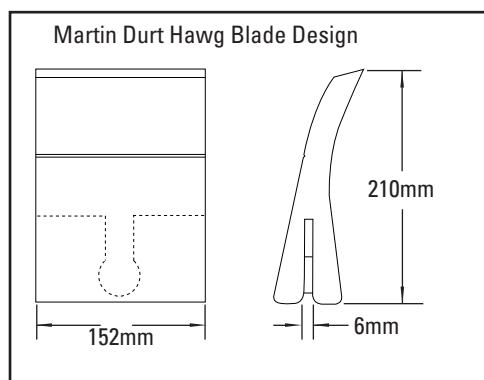
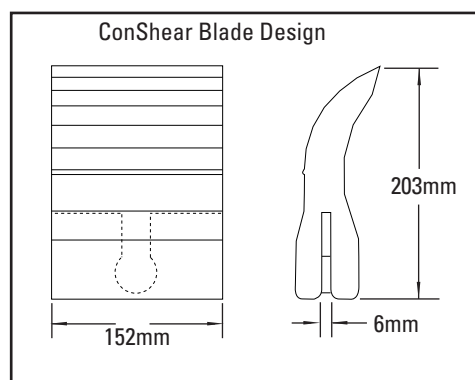
SLOT WIDTH	CONShear BLADE HEIGHT	DURT HAWG BLADE HEIGHT
6mm	203mm	210mm



Martin® Durt Hawg®
Precleaner

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Martin® Durt Hawg	15 cm	24.5 cm ²	143.2 cm ³
ConShear™	15 cm	35.5 cm ²	213.0 cm 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.

Part Number Cross-Reference Guide

Cross-Reference for Replacement of Martin® Durt Tracker® Precleaner Blades SD 6

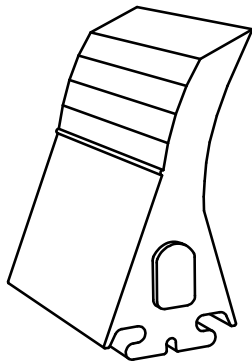
Ordering Information

BLADE WIDTH	ORDERING NUMBER	ITEM CODE	WT. KG.
152mm (6")	RBDT-6C	90614	1.5

Lead time: 1 working day

Specifications

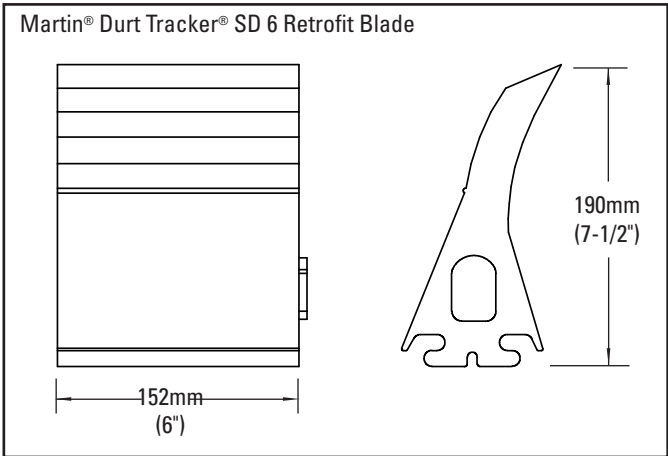
BLADE TYPE	BLADE WIDTH	BLADE HEIGHT
SD 6	152mm (6")	190mm (7 1/2")



Martin® Durt Tracker®
Replacement Blade

Usable Blade Volume

BLADE TYPE	BLADE WIDTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Martin® Durt Tracker® SD 6 Retrofit Blade	152mm (6")	.00239m ² (3.7 in ²)	.00037m ³ (22.3 in ³)



Martin® and Durt Tracker® are registered trademarks of Martin Engineering, Neponset, IL.

Part Number Cross-Reference Guide

Cross-Reference for Replacement of Martin® Durt Tracker® XHD Precleaner Blades XHD 6.5 & XHD 13

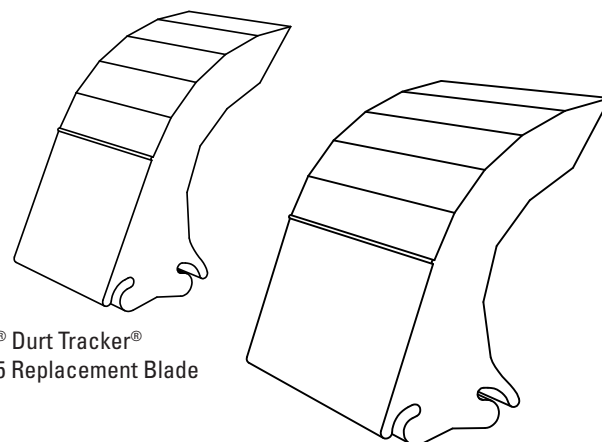
Ordering Information

BLADE WIDTH	ORDERING NUMBER	ITEM CODE	WT. KG.
165mm (6.5")	RBDTXHD-6.5C	77517	2.9
330mm (13")	RBDTXHD-13C	90615	5.9

Lead time: 1 working day

Specifications

BLADE TYPE	BLADE WIDTH	BLADE HEIGHT
XHD 6.5	165mm (6.5")	241mm (9 1/2")
XHD 13	330mm (13")	

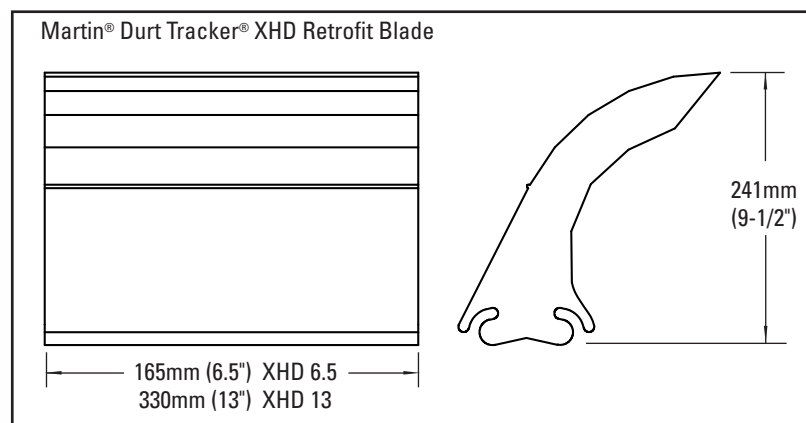


Martin® Durt Tracker®
XHD 6.5 Replacement Blade

Martin® Durt Tracker®
XHD 13 Replacement Blade

Usable Blade Volume

BLADE TYPE	BLADE WIDTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Martin® Durt Tracker® XHD 6.5 Retrofit Blade	165mm (6.5")	.00781m ² (12.1 in ²)	.00128m ³ (78 in ³)
Martin® Durt Tracker® XHD 13 Retrofit Blade	330mm (13")		.00256m ³ (156 in ³)



Martin® and Durt Tracker® are registered trademarks of Martin Engineering, Neponset, IL.

Product Ordering Information

V-Plow

V-Plow*

SIZE	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
	mm	in.			
Extra Small	450-600	18-24	CBV-XS	81959	24.0
Small	750-900	30-36	CBV-S	81960	29.5
Medium	1050-1200	42-48	CBV-M	81961	33.6
Large	1350-1500	54-60	CBV-L	81962	38.1
72"	1800	72	CBV-1800	81963	68.0
84"	2100	84	CBV-2100	81964	79.4
96"	2400	96	CBV-2400	81965	90.7

*Use next larger size for belt widths between ranges.

Lead time: 1 working day

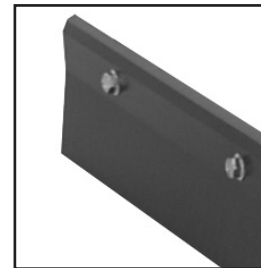


Replacement Blade Kits**

SIZE	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
	mm	in.			
Extra Small	450-600	18-24	VBK-XS	73190	2.0
Small	750-900	30-36	VBK-S	73191	2.7
Medium	1050-1200	42-48	VBK-M	73192	3.4
Large	1350-1500	54-60	VBK-L	73193	4.1
72"	1800	72	VBK-72	74457	5.9
84"	2100	84	VBK-84	74458	6.8
96"	2400	96	VBK-96	74459	7.7

**Kit includes blades and replacement blade bolts.

Lead time: 1 working day



Optional Polyurethane Blade Kits**

Typically provides 3 to 5 times longer wear life.

SIZE	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
	mm	in.			
Extra Small	450-600	18-24	VUBK-XS	75570	2.4
Small	750-900	30-36	VUBK-S	75571	3.6
Medium	1050-1200	42-48	VUBK-M	75572	4.8
Large	1350-1500	54-60	VUBK-L	75573	5.9
72"	1800	72	VUBK-72	75574	7.2
84"	2100	84	VUBK-84	75575	8.4
96"	2400	96	VUBK-96	75576	9.5

**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. KG.
	mm	in.			
Small	450-750	18-30	RDP1-S	81363	20.4
Medium	900-1050	36-42	RDP1-M	81364	25.4
Large	1200-1500	48-60	RDP1-L	81365	31.8
Extra Large	1800-2100	72-84	RDP1-XL	81366	43.5

*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. KG.
	mm	in.			
Small	450-750	18-30	RDPBK-S	74699	1.8
Medium	900-1050	36-42	RDPBK-M	74700	2.5
Large	1200-1500	48-60	RDPBK-L	74701	3.8
Extra Large	1800-2100	72-84	RDPBK-XL	74702	5.4

**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.

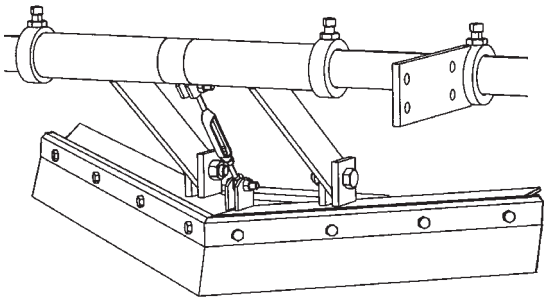
Specifications & Guidelines

V-Plow & Diagonal Plow

V-Plow Belt Width Specifications

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

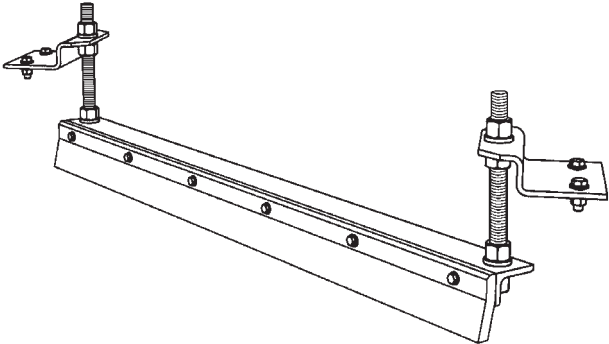
Use next larger size for belt widths between ranges.



Diagonal Plow Belt Width Specifications

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

Use next larger size for belt widths between ranges.

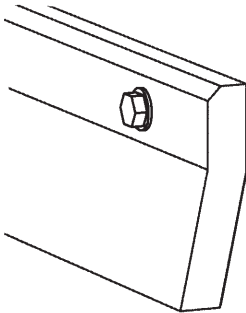


Application Guidelines

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

V-Plow & Diagonal Plow Blade Specifications

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



Replacement Parts Lists

V-Plow & Diagonal Plow

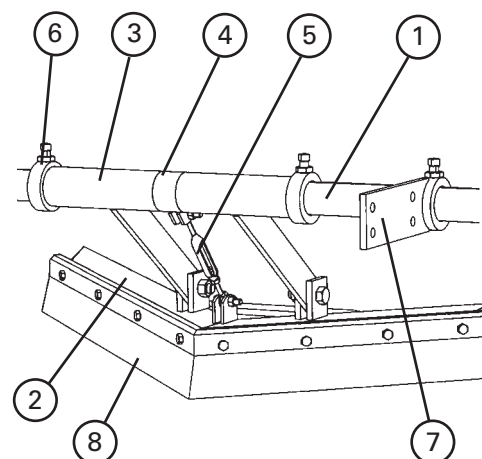
Replacement Parts - V-Plow

REF	DESCRIPTION	BELT WIDTH (Min-Max)		ORDERING NUMBER	ITEM CODE	WT. KG.
		mm	in.			
1	V-Plow Pole XS	450-600	18-24	VPXS	73400	5.9
	V-Plow Pole S	750-900	30-36	VPS	73408	6.8
	V-Plow Pole M	1050-1200	42-48	VPM	73409	8.2
	V-Plow Pole L	1350-1500	54-60	VPL	73410	9.5
	V-Plow Pole 72	1800	72	VP72	74395	10.9
	V-Plow Pole 84	2100	84	VP84	74396	12.2
	V-Plow Pole 96	2400	96	VP96	74397	13.6
2	V-Plow Mainframe XS	450-600	18-24	VMFXS	73535	5.4
	V-Plow Mainframe S	750-900	30-36	VMFS	73549	6.8
	V-Plow Mainframe M	1050-1200	42-48	VMFM	74037	10.0
	V-Plow Mainframe L	1350-1500	54-60	VMFL	74038	12.7
	V-Plow Mainframe 72	1800	72	VMF72	74398	15.9
	V-Plow Mainframe 84	2100	84	VMF84	74399	19.1
	V-Plow Mainframe 96	2400	96	VMF96	74440	22.7
3	VP Main Linkage Kit* (1 ea.)			VMLK	74982	2.3
4	VP Center Sleeve			VCS	73533	0.5
5	V-Plow Adjuster Kit*			VAK	76416	0.2
6	VP Stop Collar* (1 ea.)			VSC	74983	0.5
7	VP Mounting Bracket Kit* (1 ea.)			VMBK	73399	2.3
REPLACEMENT BLADE KITS**						
8	Replacement Blade Kit XS	450-600	18-24	VBK-XS	73190	2.0
	Replacement Blade Kit S	750-900	30-36	VBK-S	73191	2.7
	Replacement Blade Kit M	1050-1200	42-48	VBK-M	73192	3.4
	Replacement Blade Kit L	1350-1500	54-60	VBK-L	73193	4.1
	Replacement Blade Kit 72	1800	72	VBK-72	74457	5.9
	Replacement Blade Kit 84	2100	84	VBK-84	74458	6.8
	Replacement Blade Kit 96	2400	96	VBK-96	74459	7.7

*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

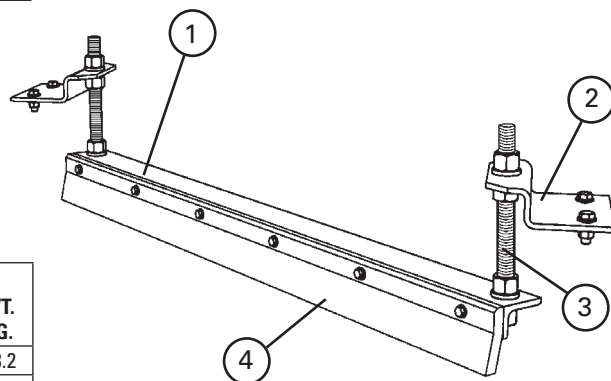
Replacement Parts - Diagonal Plow

REF	DESCRIPTION	BELT WIDTH (Min-Max)		ORDERING NUMBER	ITEM CODE	WT. KG.
		mm	in.			
1	Small Plow Frame	450-750	18-30	RDPF-S	75566	8.2
	Medium Plow Frame	900-1050	36-42	RDPF-M	75567	11.9
	Large Plow Frame	1200-1500	48-60	RDPF-L	75568	17.4
	Extra Large Plow Frame	1800-2100	72-84	RDPF-XL	75569	27.5
2	Mounting Bracket Kit* (1 ea.)			RDPMBK	74698	2.8
3	Mounting Shaft Kit* (1 ea.)			RDPMSK	74705	1.6
REPLACEMENT BLADE KITS**						
4	Small Plow Blade Kit	450-750	18-30	RDPBK-S	74699	1.8
	Medium Plow Blade Kit	900-1050	36-42	RDPBK-M	74700	2.5
	Large Plow Blade Kit	1200-1500	48-60	RDPBK-L	74701	3.8
	Extra Large Plow Blade Kit	1800-2100	72-84	RDPBK-XL	74702	5.4

*Hardware included

**Kit includes blades and replacement blade bolts.

Lead time: 1 working day



Specifications & Guidelines

Flexco Slider/Impact Beds

Easy Solution for Load Zone Problems

- Complete load zone offering with slider beds through impact beds for up to 100 kg-m (750 ft-lbs) of force.
- No specifying trough angle; each bed is adjustable for 20°, 35° and 45° trough settings (ships at 35° setting).
- Low-profile installation. Because EZ Series beds feature trough wings that are adjustable, they lay flat during installation, providing more clearance.
- Full UHMW slider bars included on outside bar to provide proper sealing and long life.
- 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 belt travel.
- All beds are manufactured for mounting holes belt width +225mm (9"), per CEMA. For wider structure, contact Customer Service for special quote.

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

Roller Size and CEMA Rating

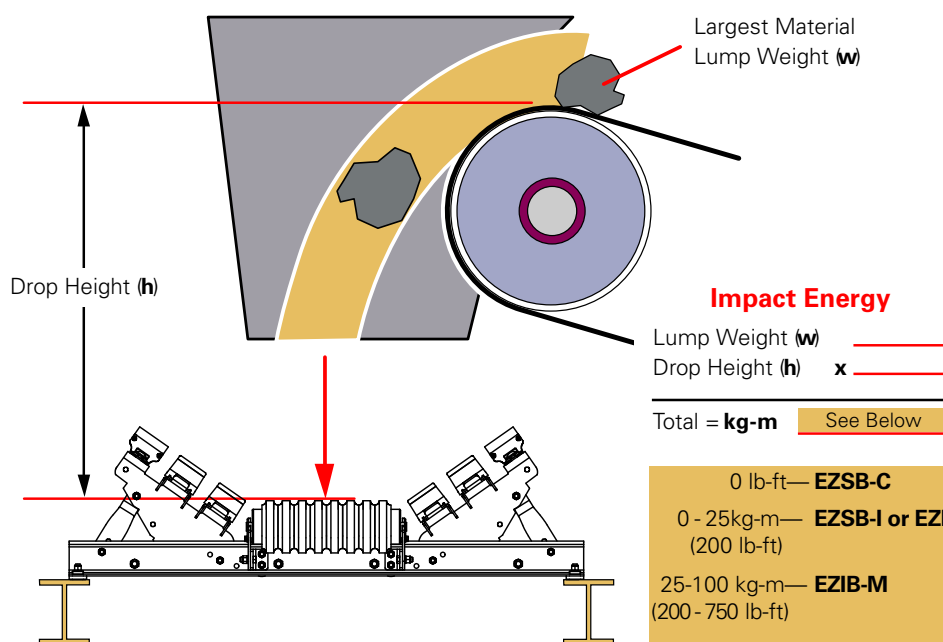
125mm (5") ☐ 150mm (6") ☐

CEMA C ☐ D ☐ E ☐

Belt Width: _____

Bed Length: 1.2M (4') ☐ 1.5M (5') ☐

Impact Energy Calculation Chart



Product Ordering Information

EZSB-C
Flexco Slider Beds



Flexco Slider Bed (for non-impact areas)

BELT WIDTH		TONNAGE RATING (ton/hr)	4' (1.2M) LENGTH			1.5M (5') LENGTH		
mm	in.		ORDERING NUMBER	ITEM CODE	WT. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
600	24	—	EZSB24-4C	78855	110.7	EZSB24-5C	78863	118.4
750	30	—	EZSB30-4C	78856	119.4	EZSB30-5C	78864	126.9
900	36	—	EZSB36-4C	78857	131.1	EZSB36-5C	78865	138.6
1050	42	—	EZSB42-4C	78858	162.7	EZSB42-5C	78866	173.7
1200	48	—	EZSB48-4C	78859	175.0	EZSB48-5C	78867	186.2
1350	54	—	EZSB54-4C	78860	206.4	EZSB54-5C	78868	221.4
1500	60	—	EZSB60-4C	78861	217.1	EZSB60-5C	78869	232.1
1800	72	—	EZSB72-4C	78862	232.7	EZSB72-5C	78870	247.6

Lead time: 1 working day

Product Notes:

- CEMA D construction
- No need to specify troughing angle—designed to adjust to 20°, 35°, 45°.
- Designed for containment in the load zone, but not intended for impact zones.
- Slider bars are solid 25mm (1") UHMW providing longer wear life and consistent load zone sealing.
- Product ships with two rollers. Additional rollers can be added by purchasing an EZRMK and the appropriate corresponding roller.



Adjustable Idler Set

(for placement in between 3 or more beds or in transitions;
Adjusts from 10 - 45° in 5° increments)

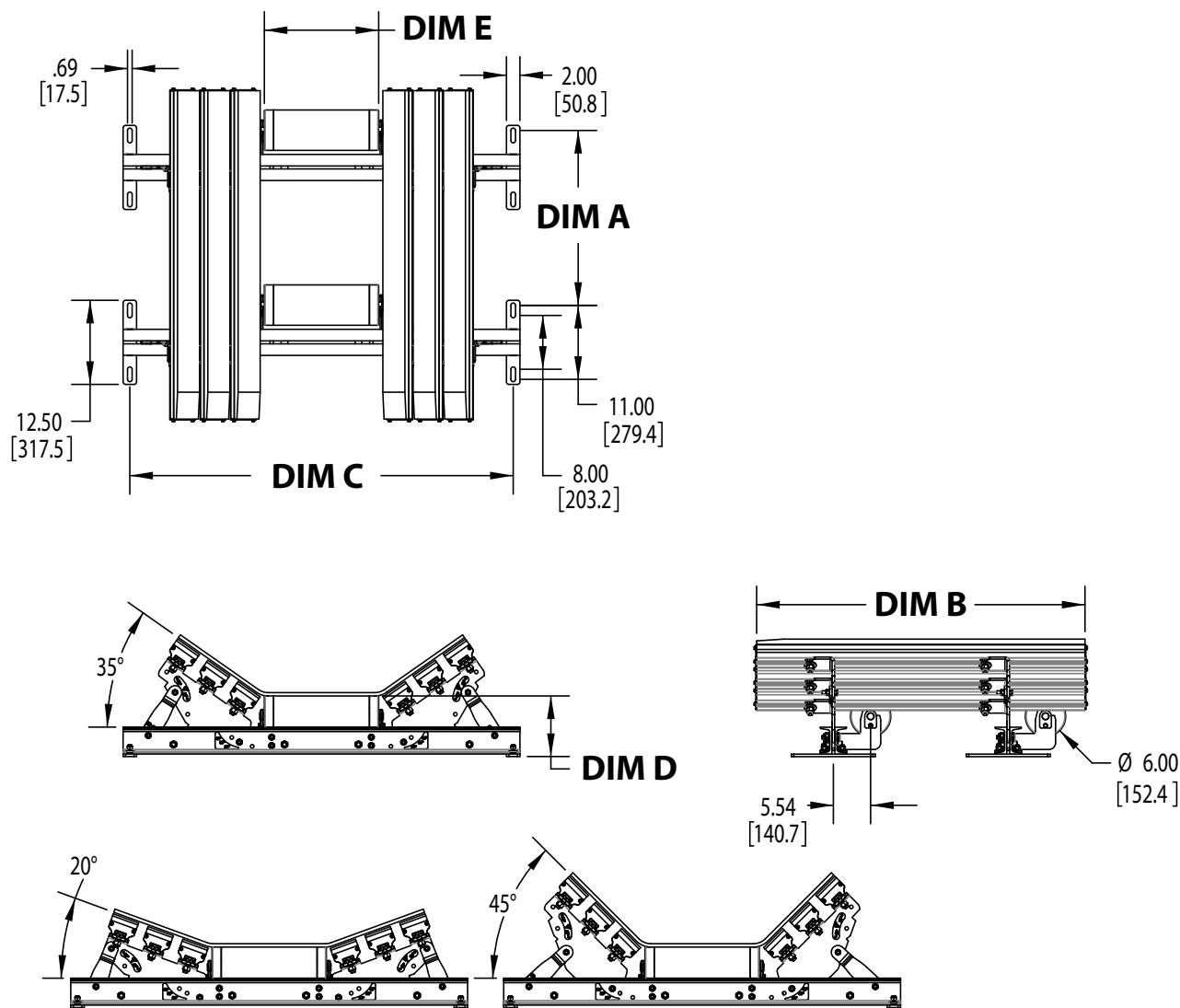
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	EZAI-24	79000	36.2
750	30	EZAI-30	79001	40.8
900	36	EZAI-36	79002	45.7
1050	42	EZAI-42	79003	49.9
1200	48	EZAI-48	79004	55.9
1350	54	EZAI-54	79005	60.1
1500	60	EZAI-60	79006	64.1
1800	72	EZAI-72	79007	74.2

Lead time: 1 working day

U.S. Patent pending

Specifications and Guidelines

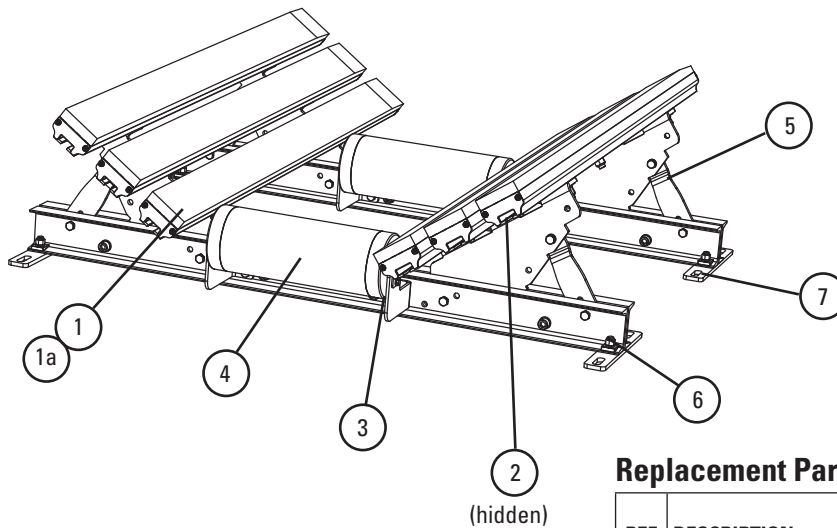
EZSB-C Flexco Slider Beds



Bed Length 1.4M (4')				Bed Length 1.5M (5')											
Dim A		Dim B		Dim A		Dim B									
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
660.4	26	1240	48.82	863.6	34	1500	59.06	600	24	838	33	229	9	229	9
								750	30	991	39	229	9	279	11
								900	36	1143	45	229	9	330	13
								1050	42	1295	51	229	9	381	15
								1200	48	1448	57	229	9	432	17
								1350	54	1600	63	235	9.25	483	19
								1500	60	1753	69	235	9.25	533	21
								1800	72	2057	81	241	9.5	635	25

Replacement Parts List

EZSB-C
Flexco Slider Beds



Shim Requirements

IMPACT BED SIZE	CEMA C OR D, 125mm (5") Idlers	CEMA C OR D, 150mm (6") IDLERS
600 - 900mm (24"-36")	Shim idler up 12.5mm (.5")	No Kits Required
1050 - 1800mm 42" - 72"	No Kits Required	Use (1) SHIM-KITL; Shim up 12.5mm (.5")

IMPACT BED SIZE	CEMA E, 150mm (6") IDLERS	CEMA E, 175mm (7") IDLERS
900 - 1500mm 36" - 60"	Use (3) SHIM-KITL; Shim up 37.5mm (1.5")	Use (4) SHIM-KITL; Shim up 50mm (2")
1800mm 72"	Use (4) SHIM-KITL; Shim up 50mm (2")	Use (5) SHIM-KITL; Shim up 62.5mm (2.5")

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	Slider Bar, 1.2M (4')	SB4	78789	9.1
1a	Slider Bar, 1.5M (5')	SB5	78790	10.9
2	Bar Bolt Kit (incl. 1 ea. 15mm (5/8") carriage bolt, square washer, flat washer, lock washer, Nylock nut)	IBBK	76928	0.2
3	Slider Roll Mount Kit *	EZRMK	78952	2.3
4	Roller 600mm (24")	N6D3T-24-9-A45	26107	4.1
	Roller 750mm (30")	N6D3T-30-11-A45	26108	4.8
	Roller 900mm (36")	N6D3T-36-13-A45	26109	5.6
	Roller 1050mm (42")	N6D3T-42-15-A45	26110	6.3
	Roller 1200mm (48")	N6D3T-48-17-A45	26111	7.3
	Roller 1350mm (54")	N6D3T-54-19-A45	26112	7.7
	Roller 1500mm (60")	N6D3T-60-21-A45	26113	8.2
	Roller 1800mm (72")	N6D3T-72-25-A45	26114	9.8
5	Wing Plate Kit 600mm (24") *	EZWPK-24	78970	7.7
	Wing Plate Kit 750mm (30") *	EZWPK-30	78971	7.9
	Wing Plate Kit 900mm (36") *	EZWPK-36	78972	9.6
	Wing Plate Kit 1050mm (42") *	EZWPK-42	78973	11.9
	Wing Plate Kit 1200mm (48") *	EZWPK-48	78974	13.7
	Wing Plate Kit 1350mm (54") *	EZWPK-54	78975	16.1
	Wing Plate Kit 1500mm (60") *	EZWPK-60	78976	17.7
	Wing Plate Kit 1800mm (72") *	EZWPK-72	78977	21.2
6	Cross Stringer Kit 600mm (24") *	EZCSK-24	78978	22.3
	Cross Stringer Kit 750mm (30") *	EZCSK-30	78979	25.6
	Cross Stringer Kit 900mm (36") *	EZCSK-36	78980	28.9
	Cross Stringer Kit 1050mm (42") *	EZCSK-42	78981	32.1
	Cross Stringer Kit 1200mm (48") *	EZCSK-48	78982	35.6
	Cross Stringer Kit 1350mm (54") *	EZCSK-54	78983	38.9
	Cross Stringer Kit 1500mm (60") *	EZCSK-60	78984	42.2
7	Cross Stringer Kit 1800mm (72") *	EZCSK-72	78985	45.0
	Shim Kit Light Duty (incl. 4 shims)	SHIM-KITL	77548	6.2

*Hardware Included
Lead time: 1 working day

Replacement Quantities for EZSB-C

mm	600	750	900	1050	1200	1350	1500	1800
in.	24	30	36	42	48	54	60	72
ROLLS REQUIRED	2	2	2	2	2	2	2	2
BARS REQUIRED	4	4	4	6	6	8	8	8
SLIDER	4	4	4	6	6	8	8	8
BAR BOLT KITS REQUIRED	8	8	8	12	12	16	16	16

U.S. Patent pending

Product Ordering Information

EZSB-I

Flexco Slider Beds

with Impact Rolls



Flexco Slider Bed with Impact Rolls
(for impact zones with less than 200 lb-ft energy)

BELT WIDTH		TONNAGE RATING (ton/hr)	4' (1.2M) LENGTH			1.5M (5') LENGTH		
mm	in.		ORDERING NUMBER	ITEM CODE	WT. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
600	24	3500	EZSB24-4I	78871	125.6	EZSB24-5I	78879	133.4
750	30	3500	EZSB30-4I	78872	136.1	EZSB30-5I	78880	143.8
900	36	4100	EZSB36-4I	78873	149.7	EZSB36-5I	78881	157.5
1050	42	4500	EZSB42-4I	78874	184.7	EZSB42-5I	78882	196.4
1200	48	4500	EZSB48-4I	78875	198.2	EZSB48-5I	78883	210.0
1350	54	4500	EZSB54-4I	78876	233.1	EZSB54-5I	78884	248.9
1500	60	4500	EZSB60-4I	78877	246.3	EZSB60-5I	78885	262.1
1800	72	4500	EZSB72-4I	78878	265.8	EZSB72-5I	78886	281.3

Lead time: 1 working day

Product Notes:

- CEMA D construction
- No need to specify troughing angle—designed to adjust to 20°, 35°, 45°.
- Outermost trough bar features 25mm (1") solid UHMW slider bar to provide longer wear life and consistent load zone sealing where impact is not present.



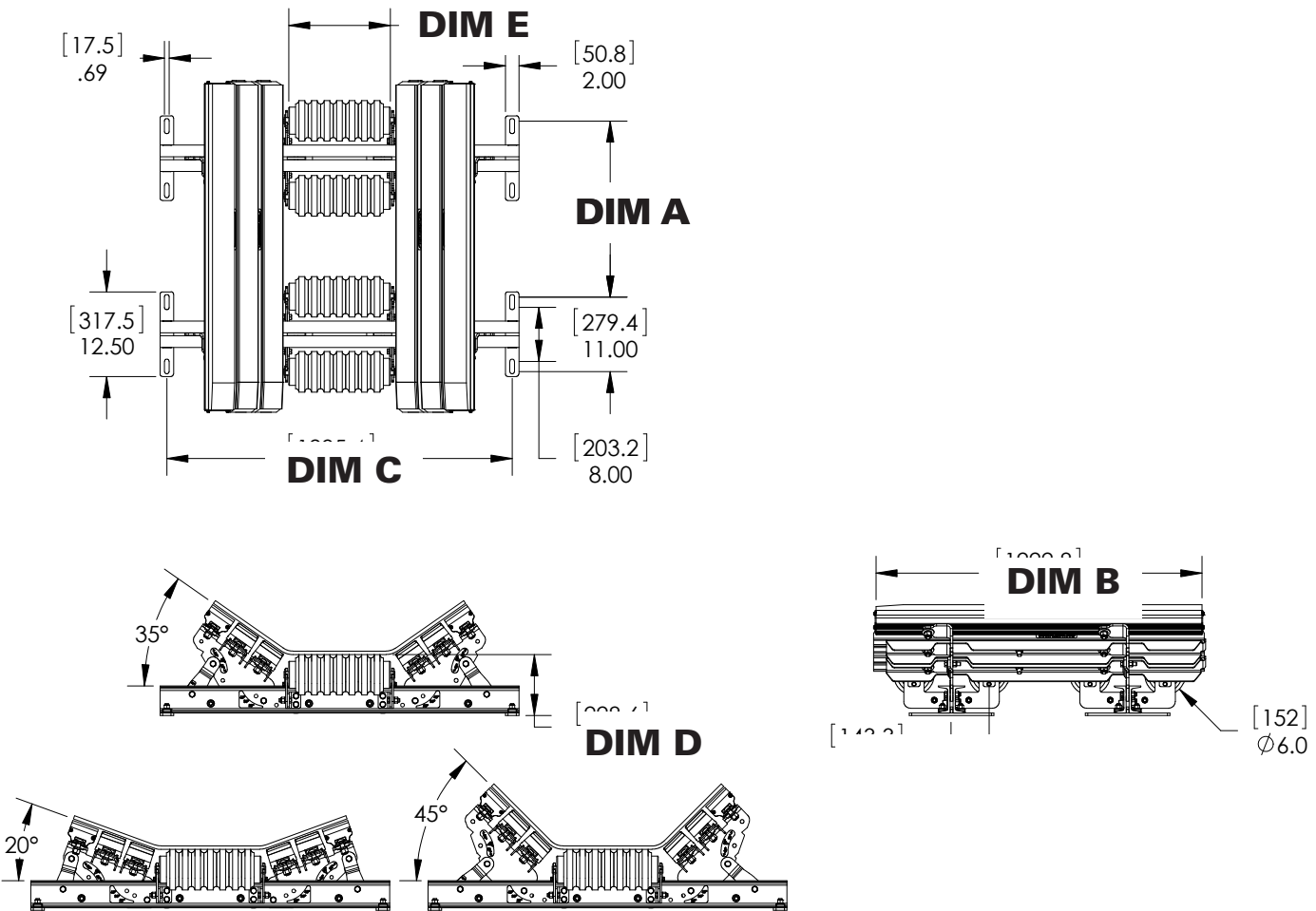
Adjustable Idler Set with Impact Rolls
(for placement in between 3 or more beds or in transitions;
Adjusts from 10 - 45° in 5° increments)

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	EZAI-24I	79091	40.8
750	30	EZAI-30I	79092	45.4
900	36	EZAI-36I	79093	50.2
1050	42	EZAI-42I	79094	54.4
1200	48	EZAI-48I	79095	60.5
1350	54	EZAI-54I	79096	64.6
1500	60	EZAI-60I	79097	68.6
1800	72	EZAI-72I	79098	78.7

Lead time: 1 working day

Specifications and Guidelines

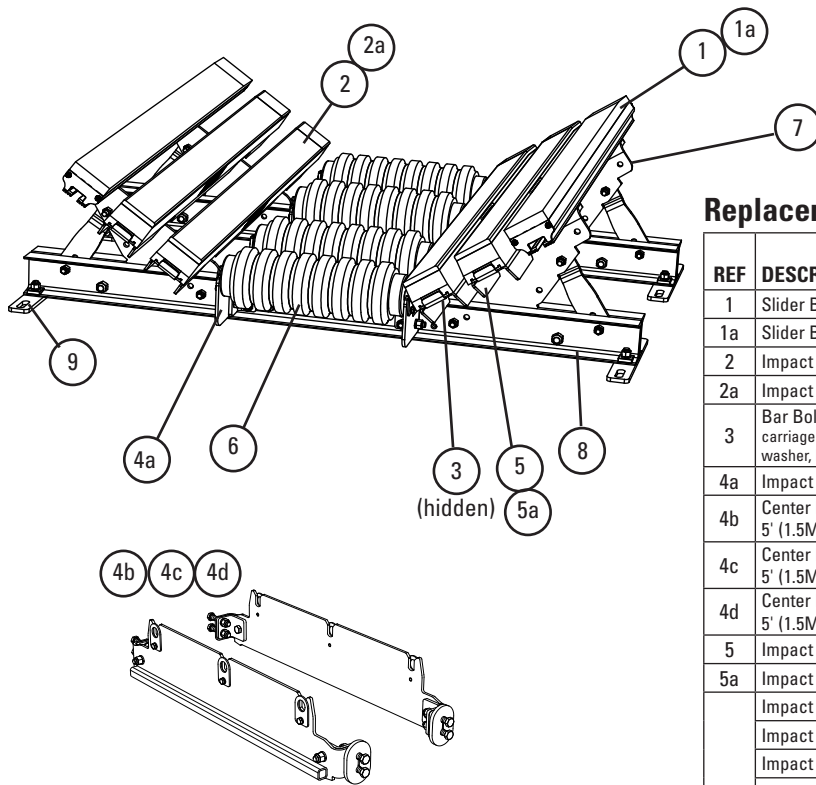
EZSB-I *Flexco Slider Beds* *with Impact Rolls*



Bed Length 1.4M (4')				Bed Length 1.5M (5')				Bed Width		Dim C		Dim D		Dim E	
Dim A		Dim B		Dim A		Dim B									
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
660.4	26	1222.8	48.14	863.6	34	1482.9	58.38	600	24	838	33	229	9	229	9
								750	30	991	39	229	9	279	11
								900	36	1143	45	229	9	330	13
								1050	42	1295	51	229	9	381	15
								1200	48	1448	57	229	9	432	17
								1350	54	1600	63	235	9.25	483	19
								1500	60	1753	69	235	9.25	533	21
								1800	72	2057	81	241	9.5	635	25

Replacement Parts List

EZSB-I Flexco Slider Beds with Impact Rolls



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	Slider Bar, 1.2M (4')	SB4	78789	9.1
1a	Slider Bar, 1.5M (5')	SB5	78790	10.9
2	Impact Bar, 1.2M (4')	IB4	76926	7.7
2a	Impact Bar, 1.5M (5')	IB5	76927	9.5
3	Bar Bolt Kit (incl. 1 ea. 15mm (5/8") carriage bolt, square washer, flat washer, lock washer, Nylock nut)	IBBK	76928	0.2
4a	Impact Roll Mount Kit*	EZIRMK	79318	6.8
4b	Center Roll Mount Kit for 5' (1.5M) x 24-48" (600-1200mm)**	EZCRMK24-48	90434	19.7
4c	Center Roll Mount Kit for 5' (1.5M) x 54-60" (1350-1500mm)**	EZCRMK54-60	90261	19.7
4d	Center Roll Mount Kit for 5' (1.5M) x 72" (1800mm)**	EZCRMK72	90262	19.8
5	Impact Bar Support - L1.2M (4')*	EZBS-L4	78953	7.3
5a	Impact Bar Support - L 1.5M (5')*	EZBS-L5	78954	9.3
6	Impact Roll 600mm (24")	NI6D3T-24-9-A45	26184	4.6
	Impact Roll 750mm (30")	NI6D3T-30-11-A45	26185	5.4
	Impact Roll 900mm (36")	NI6D3T-36-13-A45	26186	6.3
	Impact Roll 1050mm (42")	NI6D3T-42-15-A45	26187	7.3
	Impact Roll 1200mm (48")	NI6D3T-48-17-A45	26188	8.1
	Impact Roll 1350mm (54")	NI6D3T-54-19-A45	26189	9.0
	Impact Roll 1500mm (60")	NI6D3T-60-21-A45	26190	9.8
	Impact Roll 1800mm (72")	NI6D3T-72-25-A45	26191	11.6
7	Wing Plate Kit 600mm (24")*	EZWPK-24	78970	7.7
	Wing Plate Kit 750mm (30")*	EZWPK-30	78971	7.9
	Wing Plate Kit 900mm (36")*	EZWPK-36	78972	9.6
	Wing Plate Kit 1050mm (42")*	EZWPK-42	78973	11.9
	Wing Plate Kit 1200mm (48")*	EZWPK-48	78974	13.7
	Wing Plate Kit 1350mm (54")*	EZWPK-54	78975	16.1
	Wing Plate Kit 1500mm (60")*	EZWPK-60	78976	17.7
	Wing Plate Kit 1800mm (72")*	EZWPK-72	78977	21.2
8	Cross Stringer Kit 600mm (24")*	EZCSK-24	78978	22.3
	Cross Stringer Kit 750mm (30")*	EZCSK-30	78979	25.6
	Cross Stringer Kit 900mm (36")*	EZCSK-36	78980	28.9
	Cross Stringer Kit 1050mm (42")*	EZCSK-42	78981	32.1
	Cross Stringer Kit 1200mm (48")*	EZCSK-48	78982	35.6
	Cross Stringer Kit 1350mm (54")*	EZCSK-54	78983	38.9
	Cross Stringer Kit 1500mm (60")*	EZCSK-60	78984	42.2
	Cross Stringer Kit 1800mm (72")*	EZCSK-72	78985	45.0
9	Shim Kit Light Duty (incl. 4 shims)	SHIM-KITL	77548	6.2

Lead time: 1 working day

*Hardware Included **1.5M (5') beds come with 5 impact rolls

§ 4' beds require 2 ea item 4a;

5' beds require 1 ea item 4a and 1 ea item 4b, 4c or 4d as needed for bed length.

Shim Requirements

IMPACT BED SIZE	CEMA C OR D, 125mm (5") Idlers	CEMA C OR D, 150mm (6") IDLERS
600 - 900mm 24" - 36"	Shim idler up 12.5mm (.5")	No Kits Required
1050 - 1800mm 42" - 72"	No Kits Required	Use (1) SHIM-KITL; Shim up 12.5mm (.5")

IMPACT BED SIZE	CEMA E, 150mm (6") IDLERS	CEMA E, 175mm (7") IDLERS
900 - 1500mm 36" - 60"	Use (3) SHIM-KITL; Shim up 37.5mm (1.5")	Use (4) SHIM-KITL; Shim up 50mm (2")
1800mm 72"	Use (4) SHIM-KITL; Shim up 50mm (2")	Use (5) SHIM-KITL; Shim up 62.5mm (2.5")

Replacement Quantities for EZSB-I

mm	600	750	900	1050	1200	1350	1500	1800
in.	24	30	36	42	48	54	60	72
ROLLS REQUIRED	4	4	4	4	4	4	4	4
BARS REQUIRED	SLIDER	2	2	2	2	2	2	2
	IMPACT	2	2	2	4	4	6	6
BAR BOLT KITS REQUIRED	10	10	10	16	16	22	22	22
BAR SUPPORTS REQUIRED	2	2	2	4	4	6	6	6

U.S. Patent pending

Product Ordering Information

EZIB-L **Flexco Impact Beds** *All Bars - Light Duty*



Flexco Slider Bed Impact Bars - Light Duty

BELT WIDTH		TONNAGE RATING (ton/hr)	4' (1.2M) LENGTH			1.5M (5') LENGTH		
mm	in.		ORDERING NUMBER	ITEM CODE	WT. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
600	24	3500	EZIB24-4L	78887	138.0	EZIB24-5L	78895	153.7
750	30	3500	EZIB30-4L	78888	145.6	EZIB30-5L	78896	161.3
900	36	4100	EZIB36-4L	78889	174.5	EZIB36-5L	78897	194.2
1050	42	5200	EZIB42-4L	78890	206.1	EZIB42-5L	78898	229.7
1200	48	5800	EZIB48-4L	78891	235.1	EZIB48-5L	78899	262.8
1350	54	7000	EZIB54-4L	78892	267.2	EZIB54-5L	78900	298.8
1500	60	7600	EZIB60-4L	78893	295.7	EZIB60-5L	78901	331.1
1800	72	8100	EZIB72-4L	78894	327.3	EZIB72-5L	78902	366.8

Lead time: 1 working day

Product Notes:

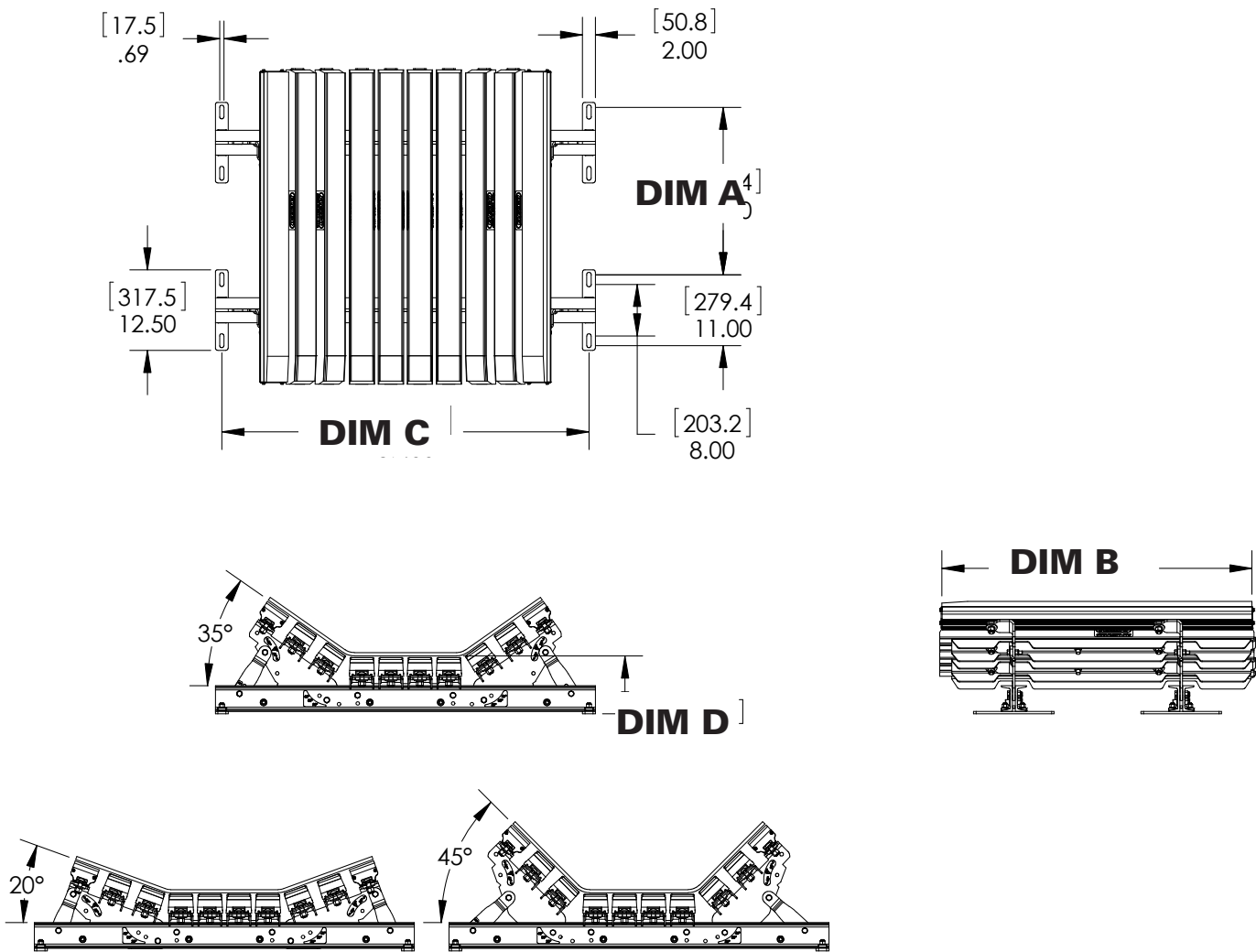
- CEMA D construction
- No need to specify troughing angle—designed to adjust to 20°, 35°, 45°.
- Outermost trough bar features 25mm (1") solid UHMW slider bar to provide longer wear life and consistent load zone sealing where impact is not present.

Specifications and Guidelines

EZIB-L

Flexco Impact Beds

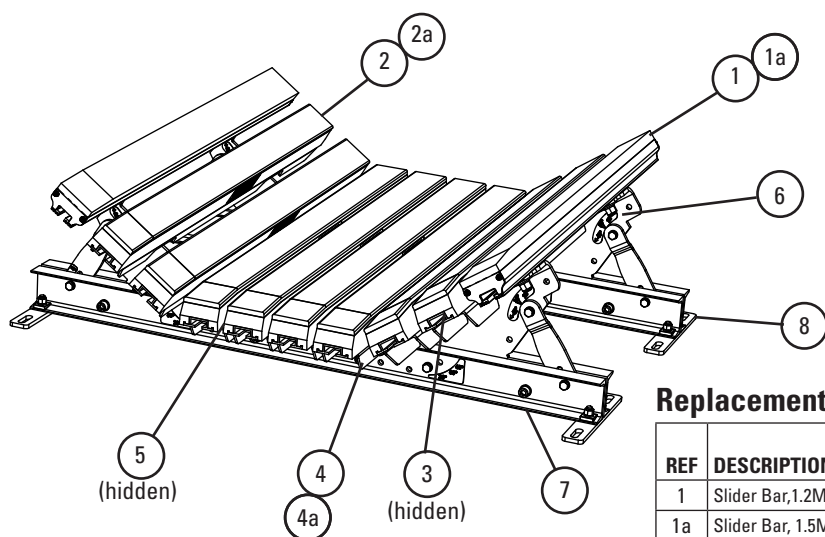
All Bars - Light Duty



Bed Length 1.4M (4')				Bed Length 1.5M (5')				Bed Width		Dim C		Dim D	
Dim A		Dim B		Dim A		Dim B							
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
660.4	26	1222.8	48.14	863.6	34	1482.9	58.38	600	24	838	33	229	9
								750	30	991	39	229	9
								900	36	1143	45	229	9
								1050	42	1295	51	229	9
								1200	48	1448	57	229	9
								1350	54	1600	63	235	9.25
								1500	60	1753	69	235	9.25
								1800	72	2057	81	241	9.5

Replacement Parts List

EZIB-L
Flexco Impact Beds
All Bars - Light Duty



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	Slider Bar, 1.2M (4')	SB4	78789	9.1
1a	Slider Bar, 1.5M (5')	SB5	78790	10.9
2	Impact Bar, 1.2M (4')	IB4	76926	7.7
2a	Impact Bar, 1.5M (5')	IB5	76927	9.5
3	Bar Bolt Kit (incl. 1 ea. 15mm (5/8") carriage bolt, square washer, flat washer, lock washer, Nylock nut)	IBBK	76928	0.2
4	Impact Bar Support - L1.2M (4') *	EZBS-L4	78953	7.3
4a	Impact Bar Support - L 1.5M (5') *	EZBS-L5	78954	9.3
5	Center Bar Mount Kit 600mm (24") *	EZBMK-24	78944	2.4
	Center Bar Mount Kit 750mm (30") *	EZBMK-30	78945	2.6
	Center Bar Mount Kit 900mm (36") *	EZBMK-36	78946	3.4
	Center Bar Mount Kit 1050mm (42") *	EZBMK-42	78947	3.6
	Center Bar Mount Kit 1200mm (48") *	EZBMK-48	78948	4.4
	Center Bar Mount Kit 1350mm (54") *	EZBMK-54	78949	4.8
	Center Bar Mount Kit 1500mm (60") *	EZBMK-60	78950	5.6
	Center Bar Mount Kit 1800mm (72") *	EZBMK-72	78951	6.6
6	Wing Plate Kit 600mm (24") *	EZWPK-24	78970	7.7
	Wing Plate Kit 750mm (30") *	EZWPK-30	78971	7.9
	Wing Plate Kit 900mm (36") *	EZWPK-36	78972	9.6
	Wing Plate Kit 1050mm (42") *	EZWPK-42	78973	11.9
	Wing Plate Kit 1200mm (48") *	EZWPK-48	78974	13.7
	Wing Plate Kit 1350mm (54") *	EZWPK-54	78975	16.1
	Wing Plate Kit 1500mm (60") *	EZWPK-60	78976	17.7
	Wing Plate Kit 1800mm (72") *	EZWPK-72	78977	21.2
7	Cross Stringer Kit 600mm (24") *	EZCSK-24	78978	22.3
	Cross Stringer Kit 750mm (30") *	EZCSK-30	78979	25.6
	Cross Stringer Kit 900mm (36") *	EZCSK-36	78980	28.9
	Cross Stringer Kit 1050mm (42") *	EZCSK-42	78981	32.1
	Cross Stringer Kit 1200mm (48") *	EZCSK-48	78982	35.6
	Cross Stringer Kit 1350mm (54") *	EZCSK-54	78983	38.9
	Cross Stringer Kit 1500mm (60") *	EZCSK-60	78984	42.2
	Cross Stringer Kit 1800mm (72") *	EZCSK-72	78985	45.0
8	Shim Kit Light Duty (incl. 4 shims)	SHIM-KITL	77548	6.2

*Hardware Included
Lead time: 1 working day

Shim Requirements

IMPACT BED SIZE	CEMA C OR D, 125mm (5") Idlers	CEMA C OR D, 150mm (6") IDLERS
600 - 900mm 24" - 36"	Shim idler up 12.5mm (.5")	No Kits Required
1050 - 1800mm 42" - 72"	No Kits Required	Use (1) SHIM-KITL; Shim up 12.5mm (.5")

IMPACT BED SIZE	CEMA E, 150mm (6") IDLERS	CEMA E, 175mm (7") IDLERS
900 - 1500mm 36" - 60"	Use (3) SHIM-KITL; Shim up 37.5mm (1.5")	Use (4) SHIM-KITL; Shim up 50mm (2")
1800mm 72"	Use (4) SHIM-KITL; Shim up 50mm (2")	Use (5) SHIM-KITL; Shim up 62.5mm (2.5")

Replacement Quantities for EZIB-L

mm		600	750	900	1050	1200	1350	1500	1800
in.		24	30	36	42	48	54	60	72
BARS REQUIRED	SLIDER	2	2	2	2	2	2	2	2
	IMPACT	4	4	5	7	8	10	11	12
BAR BOLT KITS REQUIRED		16	16	19	25	28	34	37	40
BAR SUPPORTS REQUIRED		4	4	5	7	8	10	11	12

U.S. Patent pending

Product Ordering Information

EZIB-M **Flexco Impact Beds** *All Bars - Medium Duty*



Flexco Slider Bed Impact Bars - Medium Duty

BELT WIDTH		TONNAGE RATING (ton/hr)	1.2M (4') LENGTH			1.5M (5') LENGTH		
mm	in.		ORDERING NUMBER	ITEM CODE	WT. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
600	24	8,100	EZIB24-4M	78903	185.7	EZIB24-5M	78911	205.3
750	30	8,100	EZIB30-4M	78904	197.1	EZIB30-5M	78912	216.6
900	36	9,500	EZIB36-4M	78905	214.7	EZIB36-5M	78913	234.3
1050	42	12,200	EZIB42-4M	78906	269.9	EZIB42-5M	78914	297.4
1200	48	13,600	EZIB48-4M	78907	305.2	EZIB48-5M	78915	336.7
1350	54	16,300	EZIB54-4M	78908	343.8	EZIB54-5M	78916	379.3
1500	60	17,600	EZIB60-4M	78909	361.1	EZIB60-5M	78917	396.6
1800	72	19,000	EZIB72-4M	78910	382.9	EZIB72-5M	78918	461.0

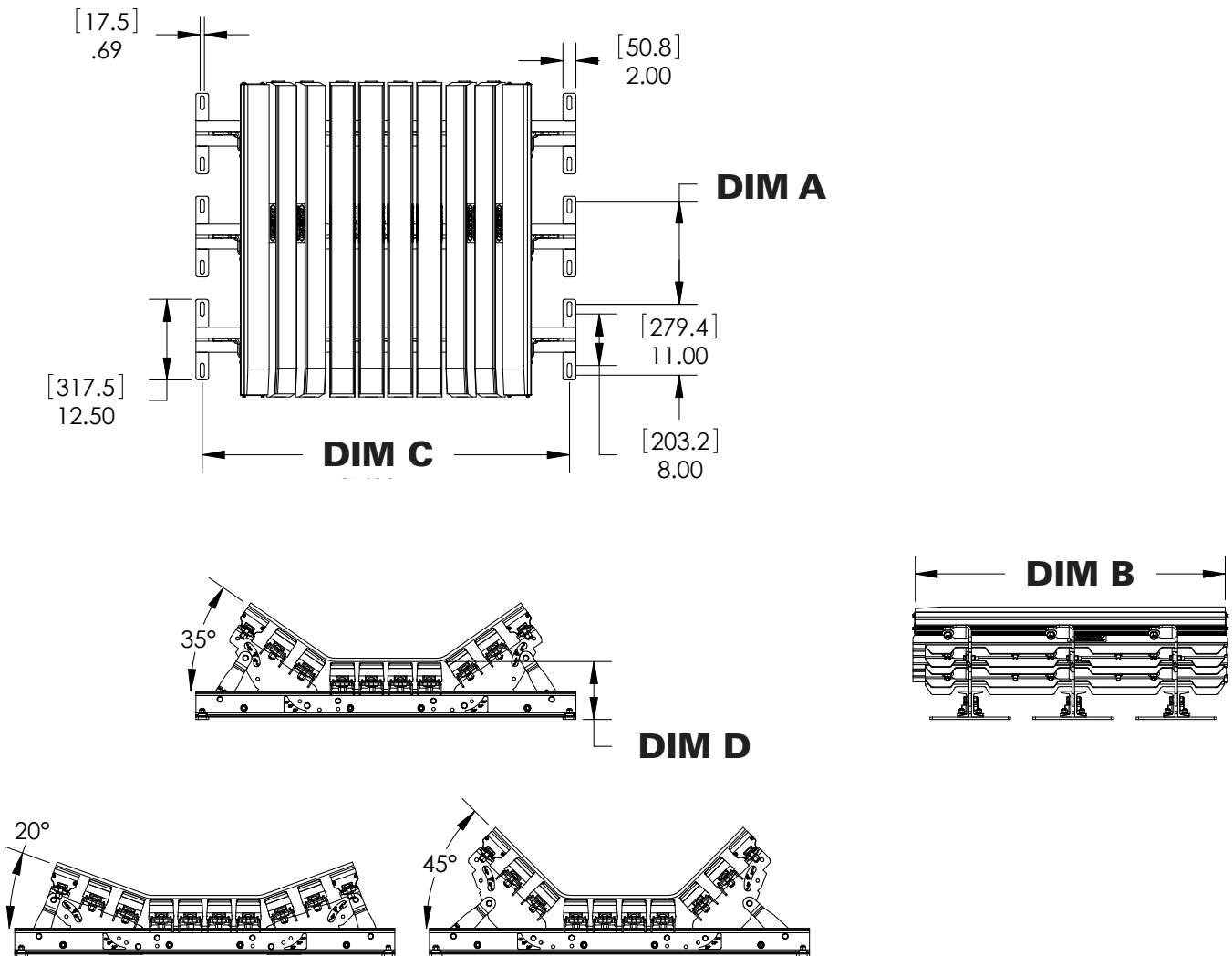
Lead time: 1 working day

Product Notes:

- CEMA D construction
- No need to specify troughing angle—designed to adjust to 20°, 35°, 45°.
- Outermost trough bar features 25mm (1") solid UHMW slider bar to provide longer wear life and consistent load zone sealing where impact is not present.

Specifications and Guidelines

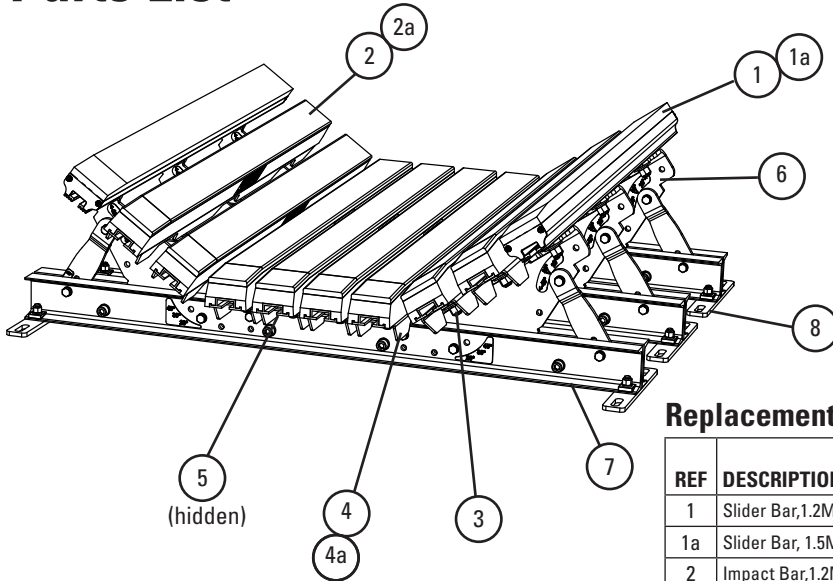
EZIB-M
Flexco Impact Beds
All Bars - Medium Duty



Bed Length 1.4M (4')				Bed Length 1.5M (5')									
Dim A		Dim B		Dim A		Dim B							
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
406.4	16	1222.8	48.14	558.8	22	1482.9	58.38	600	24	838	33	229	9
								750	30	991	39	229	9
								900	36	1143	45	229	9
								1050	42	1295	51	229	9
								1200	48	1448	57	229	9
								1350	54	1600	63	235	9.25
								1500	60	1753	69	235	9.25
								1800	72	2057	81	241	9.5

Replacement Parts List

EZIB-M Flexco Impact Beds All Bars - Medium Duty



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	Slider Bar, 1.2M (4')	SB4	78789	9.1
1a	Slider Bar, 1.5M (5')	SB5	78790	10.9
2	Impact Bar, 1.2M (4')	IB4	76926	7.7
2a	Impact Bar, 1.5M (5')	IB5	76927	9.5
3	Bar Bolt Kit (incl. 1 ea. 15mm (5/8") carriage bolt, square washer, flat washer, lock washer, Nylock nut)	IBBK	76928	0.2
4	Impact Bar Support - M1.2M (4') *	IBS-M4	76931	7.7
4a	Impact Bar Support - M1.5M (5') *	IBS-M5	76932	9.6
5	Center Bar Mount Kit 600mm (24") *	EZBMK-24	78944	2.4
	Center Bar Mount Kit 750mm (30") *	EZBMK-30	78945	2.6
	Center Bar Mount Kit 900mm (36") *	EZBMK-36	78946	3.4
	Center Bar Mount Kit 1050mm (42") *	EZBMK-42	78947	3.6
	Center Bar Mount Kit 1200mm (48") *	EZBMK-48	78948	4.4
	Center Bar Mount Kit 1350mm (54") *	EZBMK-54	78949	4.8
	Center Bar Mount Kit 1500mm (60") *	EZBMK-60	78950	5.6
	Center Bar Mount Kit 1800mm (72") *	EZBMK-72	78951	6.6
6	Wing Plate Kit 600mm (24") *	EZWPK-24	78970	7.7
	Wing Plate Kit 750mm (30") *	EZWPK-30	78971	7.9
	Wing Plate Kit 900mm (36") *	EZWPK-36	78972	9.6
	Wing Plate Kit 1050mm (42") *	EZWPK-42	78973	11.9
	Wing Plate Kit 1200mm (48") *	EZWPK-48	78974	13.7
	Wing Plate Kit 1350mm (54") *	EZWPK-54	78975	16.1
	Wing Plate Kit 1500mm (60") *	EZWPK-60	78976	17.7
	Wing Plate Kit 1800mm (72") *	EZWPK-72	78977	21.2
7	Cross Stringer Kit 600mm (24") *	EZCSK-24	78978	22.3
	Cross Stringer Kit 750mm (30") *	EZCSK-30	78979	25.6
	Cross Stringer Kit 900mm (36") *	EZCSK-36	78980	28.9
	Cross Stringer Kit 1050mm (42") *	EZCSK-42	78981	32.1
	Cross Stringer Kit 1200mm (48") *	EZCSK-48	78982	35.6
	Cross Stringer Kit 1350mm (54") *	EZCSK-54	78983	38.9
	Cross Stringer Kit 1500mm (60") *	EZCSK-60	78984	42.2
	Cross Stringer Kit 1800mm (72") *	EZCSK-72	78985	45.0
8	Shim Kit Medium Duty (incl. 4 shims)	SHIM-KITM	77549	9.3

*Hardware Included

Lead time: 1 working day

Shim Requirements

IMPACT BED SIZE	CEMA C OR D, 125mm (5") Idlers	CEMA C OR D, 150mm (6") IDLERS
600 - 900mm 24" - 36"	Shim idler up 12.5mm (.5")	No Kits Required
1050 - 1800mm 42" - 72"	No Kits Required	Use (1) SHIM-KITM; Shim up 12.5mm (.5")

IMPACT BED SIZE	CEMA E, 150mm (6") IDLERS	CEMA E, 175mm (7") IDLERS
900 - 1500mm 36" - 60"	Use (3) SHIM-KITM; Shim up 37.5mm (1.5")	Use (4) SHIM-KITM; Shim up 50mm (2")
1800mm 72"	Use (4) SHIM-KITM; Shim up 50mm (2")	Use (5) SHIM-KITM; Shim up 62.5mm (2.5")

Replacement Quantities for EZIB-M

mm		600	750	900	1050	1200	1350	1500	1800
in.		24	30	36	42	48	54	60	72
BARS REQUIRED	SLIDER	2	2	2	2	2	2	2	2
	IMPACT	4	4	5	7	8	10	11	12
BAR BOLT KITS REQUIRED		26	26	31	41	46	56	61	66
BAR SUPPORTS REQUIRED		4	4	5	7	8	10	11	12

Product Ordering Information

MSB Modular Slider Beds with Impact Rolls

Modular Slider Bed with Impact Rolls

(for impact zones with less than 25 kg-m energy)

BELT WIDTH		TONNAGE RATING (ton/hr)	600mm (2') SECTIONS		
mm	in.		ORDERING NUMBER	ITEM CODE	WT. KG.
600	24	3500	MSB24-2I	79979	111.9
750	30	3500	MSB30-2I	79980	119.5
900	36	4100	MSB36-2I	79981	135.1
1050	42	4500	MSB42-2I	79982	169.3
1200	48	4500	MSB48-2I	79983	178.4
1350	54	4500	MSB54-2I	79984	223.7
1500	60	4500	MSB60-2I	79985	233.1
1800	72	4500	MSB72-2I	79986	243.1

Lead time: 1 working day



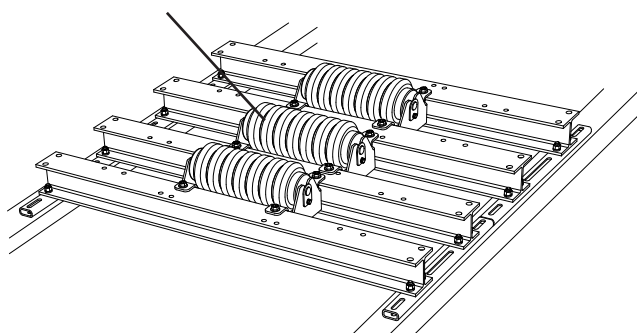
Add-on Impact Roller Kit

(for placement between 2 beds to reduce the space between impact rollers)

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	MSB24RMK	79991	7.7
750	30	MSB30RMK	79992	8.4
900	36	MSB36RMK	79993	9.2
1050	42	MSB42RMK	79994	9.9
1200	48	MSB48RMK	79995	10.9
1350	54	MSB54RMK	79996	11.3
1500	60	MSB60RMK	79997	11.8
1800	72	MSB72RMK	79998	13.4

Lead time: 1 working day

Add-on Impact Roller installed between 2 Modular Slider Beds

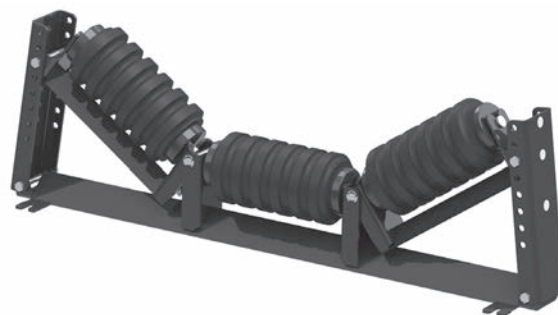


Adjustable Idler Set with Impact Rolls

(for placement between multiple beds or in transitions; Adjusts from 10° - 45° in 5° increments)

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	EZAI-24I	79091	40.8
750	30	EZAI-30I	79092	45.4
900	36	EZAI-36I	79093	50.2
1050	42	EZAI-42I	79094	54.4
1200	48	EZAI-48I	79095	60.5
1350	54	EZAI-54I	79096	64.6
1500	60	EZAI-60I	79097	68.6
1800	72	EZAI-72I	79098	78.7

Lead time: 1 working day



Product Notes:

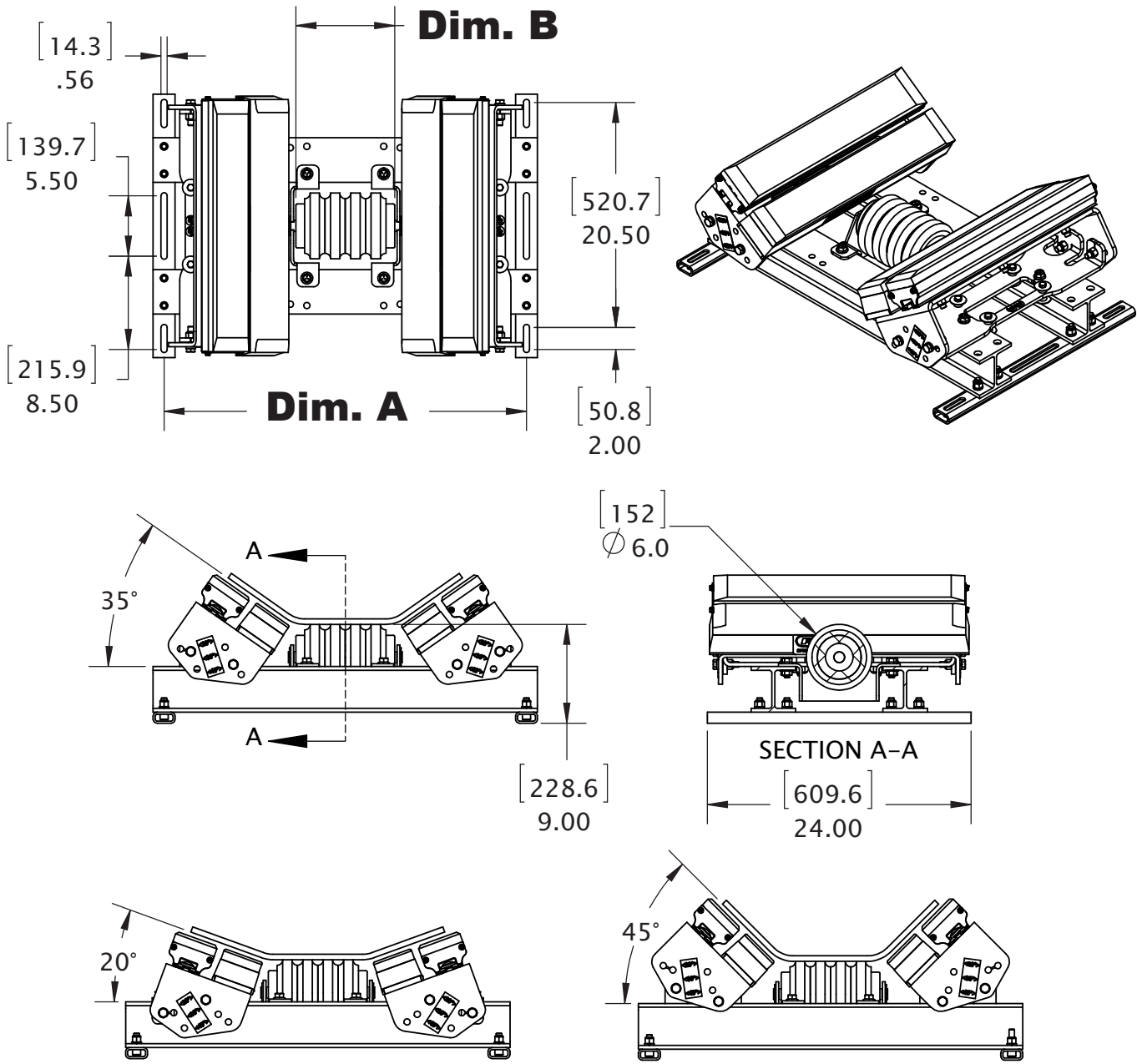
- Modular design accommodates any length of load zone
- CEMA D construction
- No need to specify troughing angle—designed to adjust to 20°, 35°, 45°
- All bars feature 25mm (1") solid UHMW
- With removal of a few bolts, the wings and center sections slide out for service
- Optional add-on roller to join two beds and reduce the space between idlers from every 600mm (24") to every 300mm (12").

Specifications and Guidelines

MSB

Modular Slider Beds

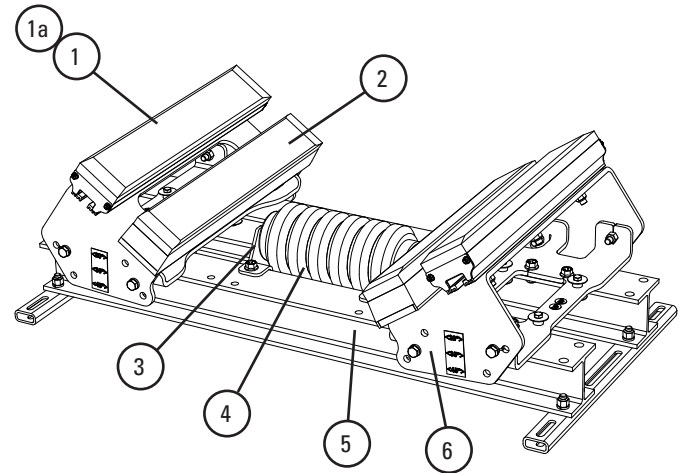
with Impact Rolls



Bed Width	Dim A	Dim B
600mm (24")	838.2mm (33")	228.6mm (9")
750mm (30")	990.6mm (39")	279.4mm (11")
900mm (36")	1143mm (45")	330.2mm (13")
1050mm (42")	1295.4mm (51")	381mm (15")
1200mm (48")	1447.8mm (57")	431.8mm (17")
1350mm (54")	1600.2mm (63")	482.6mm (19")
1500mm (60")	1752.6mm (69")	533.4mm (21")
1800mm (72")	2057.4mm (81")	635mm (25")

Replacement Parts List

MSB Modular Slider Beds with Impact Rolls



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG..
1	Slider Bar, 600mm (2')	SB2	79970	4.5
1a	Slider Bar with Hardware, 600mm (2')	SB2F	79988	4.9
2	Impact Bar, 2' (600mm)	MIB2-1U	79379	8.9
2a	Impact Bar with Hardware, 600mm (2')	MIB2-1UF	79908	9.1
3	Roller Mount Kit *	MSBRMK	79987	3.6
4	Impact Roll 600mm (24")	NI6D3T-24-9-A45	26184	4.6
	Impact Roll 750mm (30")	NI6D3T-30-11-A45	26185	5.4
	Impact Roll 900mm (36")	NI6D3T-36-13-A45	26186	6.3
	Impact Roll 1050mm (42")	NI6D3T-42-15-A45	26187	7.3
	Impact Roll 1200mm (48")	NI6D3T-48-17-A45	26188	8.1
	Impact Roll 1350mm (54")	NI6D3T-54-19-A45	26189	9.0
	Impact Roll 1500mm (60")	NI6D3T-60-21-A45	26190	9.8
	Impact Roll 1800mm (72")	NI6D3T-72-25-A45	26191	11.6
5	Cross Stringer Kit 600mm (24")*	MIB24CSK	90237	39.3
	Cross Stringer Kit 750mm (30")*	MIB30CSK	90238	45.2
	Cross Stringer Kit 900mm (36")*	MIB36CSK	90239	51.0
	Cross Stringer Kit 1050mm (42")*	MIB42CSK	90240	56.9
	Cross Stringer Kit 1200mm (48")*	MIB48CSK	90241	62.8
	Cross Stringer Kit 1350mm (54")*	MIB54CSK	90242	69.7
	Cross Stringer Kit 1500mm (60")*	MIB60CSK	90243	75.6
	Cross Stringer Kit 1800mm (72")*	MIB72CSK	90244	88.3
6	Wing Plate Kit 600mm (24")*	MIB24WPK	90245	17.6
	Wing Plate Kit 750mm (30")*	MIB30WPK	90246	18.1
	Wing Plate Kit 900mm (36")*	MIB36WPK	90247	22.5
	Wing Plate Kit 1050mm (42")*	MIB42WPK	90248	27.1
	Wing Plate Kit 1200mm (48")*	MIB48WPK	90249	28.3
	Wing Plate Kit 1350mm (54")*	MIB54WPK	90250	38.0
	Wing Plate Kit 1500mm (60")*	MIB60WPK	90251	39.3
	Wing Plate Kit 1800mm (72")*	MIB72WPK	90252	42.1
-	Shim Kit (incl. 4 shims)	SHIM-KITMOD	79989	5.4

*Hardware Included

Shim Requirements

IMPACT BED SIZE	CEMA C OR D, 125mm (5") Idlers	CEMA C OR D, 150mm (6") IDLERS
600-900mm (24"-36")	Use (1) shim kit; Shim idler up 13mm (.5")	No shim
1050-1800mm (42"-72")	No shim	Use (1) shim kit; Shim bed up 13mm (.5")
IMPACT BED SIZE	CEMA E, 150mm (6") Idlers	CEMA E, 175mm (7") IDLERS
900-1500mm (36"-60")	Use (3) shim kits; Shim bed up 38mm (1.5")	Use (4) shim kits; Shim bed up 2" (50mm)
1800mm (72")	Use (4) shim kits; Shim bed up 50mm (2")	Use (5) shim kits; Shim bed up 64mm (2.5")

Replacement Quantities for MSB

mm		600	750	900	1050	1200	1350	1500	1800
in.		24	30	36	42	48	54	60	72
BARS REQUIRED	SLIDER	2	2	2	2	2	2	2	2
	IMPACT	2	2	2	4	4	6	6	6

Product Ordering Information

MIB
Modular Impact Beds
All Bars

Modular Impact Bed

(for impact zones with less than 200 kg-m energy)

BELT WIDTH		TONNAGE RATING (ton/hr)	300mm (2') LENGTH		
mm	in.		ORDERING NUMBER	ITEM CODE	WT. KG.
600	24	12800	MIB24-2H	79971	130.6
750	30	12800	MIB30-2H	79972	137.8
900	36	14900	MIB36-2H	79973	165.6
1050	42	19200	MIB42-2H	79974	199.1
1200	48	21300	MIB48-2H	79975	219.7
1350	54	25600	MIB54-2H	79976	264.8
1500	60	27700	MIB60-2H	79977	285.5
1800	72	29900	MIB72-2H	79978	316.7

Lead time: 1 working day



Adjustable Idler Set with Impact Rolls

(for placement between multiple beds or in transitions;
Adjusts from 10 - 45° in 5° increments)

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
in.	mm			
24	600	EZAI-24I	79091	40.8
30	750	EZAI-30I	79092	45.4
36	900	EZAI-36I	79093	50.2
42	1050	EZAI-42I	79094	54.4
48	1200	EZAI-48I	79095	60.5
54	1350	EZAI-54I	79096	64.6
60	1500	EZAI-60I	79097	68.6
72	1800	EZAI-72I	79098	78.7

Lead time: 1 working day

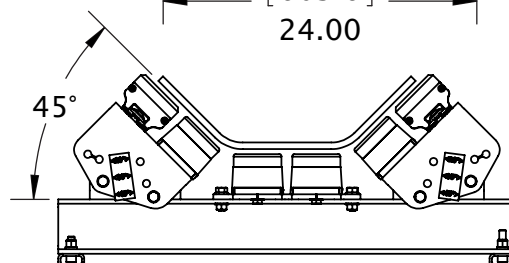
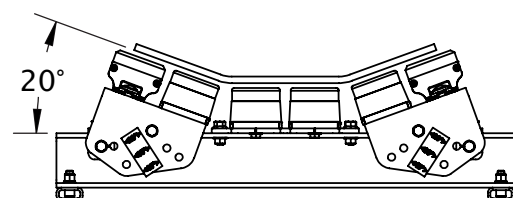
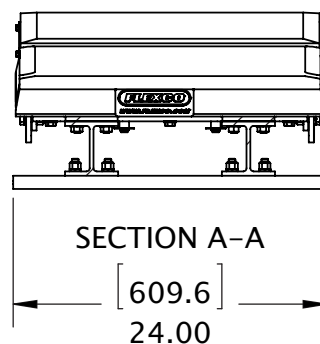
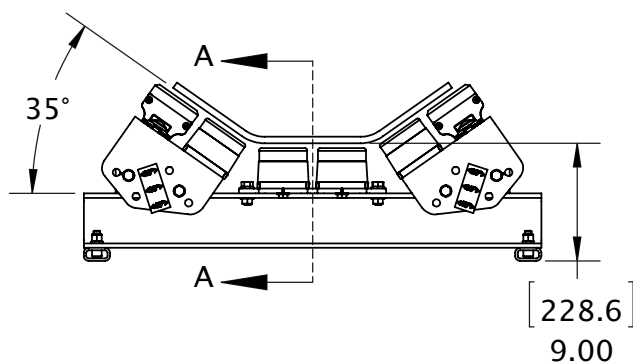
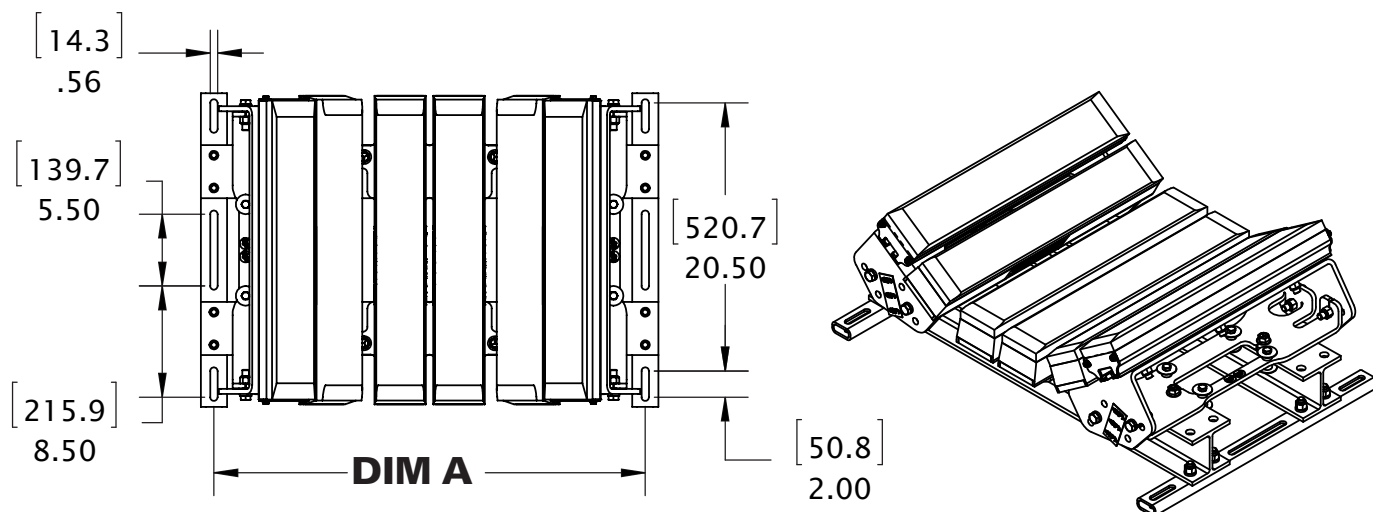


- ### Product Notes:

 - Modular design accomodates any length of load zone
 - CEMA D construction
 - No need to specify troughing angle—designed to adjust to 20°, 35°, 45°
 - All bars feature 25mm (1") solid UHMW
 - With removal of a few bolts, the wings and center sections slide out for service

Specifications and Guidelines

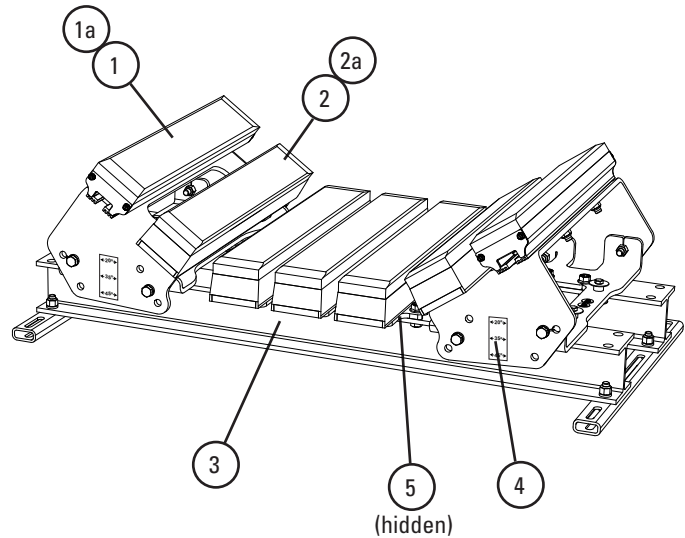
MIB
Modular Impact Beds
All Bars



Bed Width	Dim A
600mm (24")	838.2mm (33")
750mm (30")	990.6mm (39")
900mm (36")	1143mm (45")
1050mm (42")	1295.4mm (51")
1200mm (48")	1447.8mm (57")
1350mm (54")	1600.2mm (63")
1500mm (60")	1752.6mm (69")
1800mm (72")	2057.4mm (81")

Replacement Parts List

MIB Modular Impact Beds All Bars



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	Slider Bar, 600mm (2')	SB2	79970	4.5
1a	Slider Bar with Hardware, 600mm (2')	SB2F	79988	4.9
2	Impact Bar, 2' (600mm)	MIB2-1U	79379	8.9
2a	Impact Bar with Hardware, 600mm (2')	MIB2-1UF	79908	9.1
3	Cross Stringer Kit 600mm (24")*	MIB24CSK	90237	39.3
	Cross Stringer Kit 750mm (30")*	MIB30CSK	90238	45.2
	Cross Stringer Kit 900mm (36")*	MIB36CSK	90239	51.0
	Cross Stringer Kit 1050mm (42")*	MIB42CSK	90240	56.9
	Cross Stringer Kit 1200mm (48")*	MIB48CSK	90241	62.8
	Cross Stringer Kit 1350mm (54")*	MIB54CSK	90242	69.7
	Cross Stringer Kit 1500mm (60")*	MIB60CSK	90243	75.6
	Cross Stringer Kit 1800mm (72")*	MIB72CSK	90244	88.3
4	Wing Plate Kit 600mm (24")*	MIB24WPK	90245	17.6
	Wing Plate Kit 750mm (30")*	MIB30WPK	90246	17.6
	Wing Plate Kit 900mm (36")*	MIB36WPK	90247	18.1
	Wing Plate Kit 1050mm (42")*	MIB42WPK	90248	22.5
	Wing Plate Kit 1200mm (48")*	MIB48WPK	90249	27.1
	Wing Plate Kit 1350mm (54")*	MIB54WPK	90250	28.3
	Wing Plate Kit 1500mm (60")*	MIB60WPK	90251	38.0
	Wing Plate Kit 1800mm (72")*	MIB72WPK	90252	39.3
5	Center Plate Kit 600mm (24")*	MIB24CPK	90253	9.3
	Center Plate Kit 750mm (30")*	MIB30CPK	90254	9.3
	Center Plate Kit 900mm (36")*	MIB36CPK	90255	12.2
	Center Plate Kit 1050mm (42")*	MIB42CPK	90256	13.6
	Center Plate Kit 1200mm (48")*	MIB48CPK	90257	16.8
	Center Plate Kit 1350mm (54")*	MIB54CPK	90258	17.5
	Center Plate Kit 1500mm (60")*	MIB60CPK	90259	20.6
	Center Plate Kit 1800mm (72")*	MIB72CPK	90260	24.6
-	Shim Kit (incl. 4 shims)	SHIM-KITMOD	79989	5.4

*Hardware Included

Shim Requirements

IMPACT BED SIZE	CEMA C OR D, 125mm (5") Idlers	CEMA C OR D, 150mm (6") IDLERS
600-900mm (24"-36")	Use (1) shim kit; Shim idler up 13mm (.5")	No shim
1050-1800mm (42"-72")	No shim	Use (1) shim kit; Shim idler up 13mm (.5")
IMPACT BED SIZE	CEMA E, 150mm (6") Idlers	CEMA E, 175mm (7") IDLERS
900-1500mm (36"-60")	Use (3) shim kits; Shim bed up 38mm (1.5")	Use (4) shim kits; Shim bed up 50mm (2")
1800mm (72")	Use (4) shim kits; Shim bed up 50mm (2")	Use (5) shim kits; Shim bed up 64mm (2.5")

Replacement Quantities for MIB

mm		600	750	900	1050	1200	1350	1500	1800
in.		24	30	36	42	48	54	60	72
BARS REQUIRED	SLIDER	2	2	2	2	2	2	2	2
	IMPACT	4	4	5	7	8	10	11	12

Specifications & Guidelines

DRX™ Impact Beds

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.

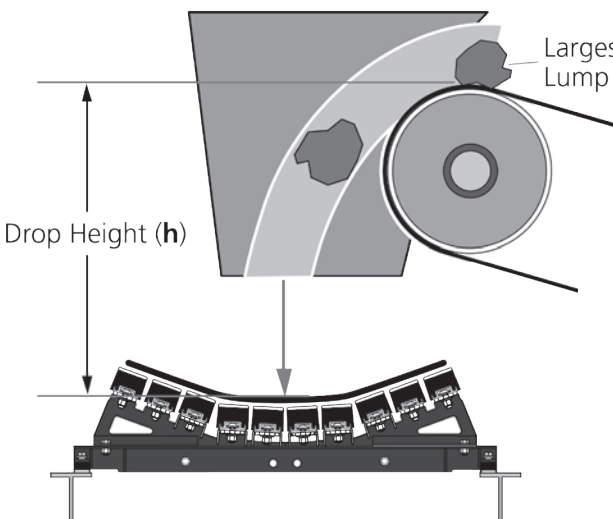
Unique Impact Bar Supports protect the impact bars from damage, extending service life. An Anti-Migratory Tab on each support secures the bar and prevents it from sliding in the direction of the belt.

Other Features and Benefits

- Uses exclusive anti-spin square washers. Allows use of carriage bolts to secure impact bars instead of expensive T bolts.

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

Impact Energy Calculation Chart



Drop Height (h)

Largest Material Lump Weight (w)

Impact Energy

Lump Weight (w) _____

Drop Height (h) x _____

Total = lb-ft _____ See Below

Up to 25 kg-m (200 lb-ft)—DRX200
25 to 100 kg-m (200 to 750 lb-ft)—DRX750
100 to 200 kg-m (750 to 1500 lb-ft)—DRX1500
200 to 400 kg-m (1500 to 3000 lb-ft)—DRX3000



Roller Size and CEMA Rating

125mm (5") ☐ 150mm (6") ☐

CEMA C ☐ D ☐ E ☐

Belt Width _____

Troughing Angle: 20° ☐ 35° ☐

Bed Length: 1.2M (4') ☐ 1.5M (5') ☐

Product Ordering Information

DRX200 Impact Beds

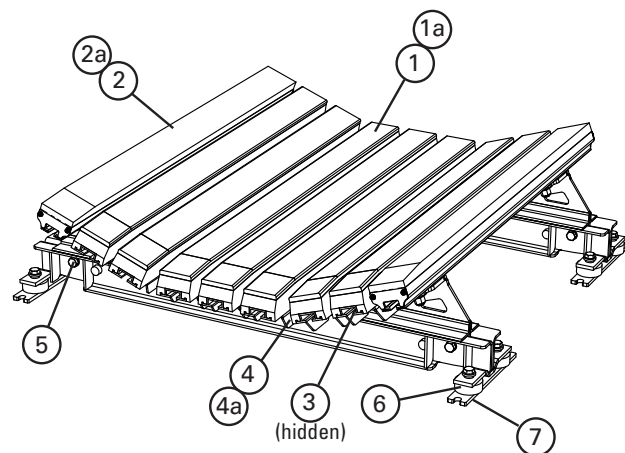
DRX200 CEMA D construction

BELT WIDTH		TONNAGE RATING (ton/hr)	1.2M (4') BEDS, 20° TROUGH			1.2M (4') BEDS, 35° TROUGH		
mm	in.		ORDERING NUMBER	ITEM CODE	WT. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
600	24	3500	RDRXL-24-420	81251	117.9	RDRXL-24-435	81253	117.9
750	30	3500	RDRXL-30-420	81255	127.9	RDRXL-30-435	81257	127.9
900	36	4100	RDRXL-36-420	81259	146.5	RDRXL-36-435	81261	146.5
1050	42	5200	RDRXL-42-420	81263	186.9	RDRXL-42-435	81265	186.9
1200	48	5800	RDRXL-48-420	81267	196.4	RDRXL-48-435	81269	196.4
1350	54	7000	RDRXL-54-420	81271	225.9	RDRXL-54-435	81273	225.9
1500	60	7600	RDRXL-60-420	81275	246.3	RDRXL-60-435	81277	246.3
1800	72	8100	RDRXL-72-420	81279	279.0	RDRXL-72-435	81281	279.0

Lead time: 2 weeks

BELT WIDTH		TONNAGE RATING (ton/hr)	1.5M (5') BEDS, 20° TROUGH			1.5M (5') BEDS, 35° TROUGH		
mm	in.		ORDERING NUMBER	ITEM CODE	WT. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
600	24	3500	RDRXL-24-520	81252	131.5	RDRXL-24-535	81254	131.5
750	30	3500	RDRXL-30-520	81256	141.1	RDRXL-30-535	81258	141.1
900	36	4100	RDRXL-36-520	81260	161.9	RDRXL-36-535	81262	161.9
1050	42	5200	RDRXL-42-520	81264	208.2	RDRXL-42-535	81266	208.2
1200	48	5800	RDRXL-48-520	81268	217.7	RDRXL-48-535	81270	217.7
1350	54	7000	RDRXL-54-520	81272	251.3	RDRXL-54-535	81274	251.3
1500	60	7600	RDRXL-60-520	81276	273.1	RDRXL-60-535	81278	273.1
1800	72	8100	RDRXL-72-520	81280	308.0	RDRXL-72-535	81282	308.0

Lead time: 2 weeks



* Belt width + 229mm (9") = Structure width

Impact Bed Size	Cema C or D, 127mm (5") IDLERS	CEMA C or D, 152mm (6") IDLERS
DRX200: 600 - 750mm	Shim idler up 13mm	No Kits Required
DRX200: 1050 - 1800mm	No Kits Required	Use (1) SHIM-KITL; Shim up 13mm

Impact Bed Size	CEMA E, 152mm (6") IDLERS	CEMA E, 178 (7") IDLERS
DRX200: 900 - 1500mm	Use (3) SHIM-KITL; Shim up 38mm	Use (4) SHIM-KITL; Shim up 50mm
DRX200: 1800mm	Use (4) SHIM-KITL; Shim up 50mm	Use (5) SHIM-KITL; Shim up 64mm

U.S. Patent No. 7,815,040

Product Notes:

- Rated for impacts up to 25 kg-m (200 lb-ft)
- Rated for belt speeds up to 5m/s (1000 fpm)
- Slide out serviceability
- Velocity Reduction Technology provides multiple points of protection
- Alternative trough angles or picking idler profiles available by special quote

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	Impact Bar, 1.2M (4')	IB4	76926	7.7
1a	Impact Bar, 1.5M (5')	IB5	76927	9.6
2	Slider Bar, 1.2M (4')	SB4	78789	9.1
2a	Slider Bar, 1.5M (5')	SB5	78790	10.9
3	Impact Bar Bolt Kit incl. (1) ea 16mm (5/8") carriage bolt, square washer, flat washer, lock washer, Nylock nut	IBBK	76928	0.2
4	Impact Bar Support - L 1.2M (4') incl. (1) ea bar support, carriage bolt, square washer, lock washer, Nylock nut	IBS-L4	76929	7.6
4a	Impact Bar Support - L 1.5M (5') incl. (1) ea bar support, carriage bolt, square washer, lock washer, Nylock nut	IBS-L5	76930	9.5
5	Sliding Support Arm Bolt Kit incl. (2) 50mm (2") bolts, (2) lock washers, (2) Nylock nuts	ISABK-LMH	77529	0.9
6	Isolation Mount Kit	IMK	76936	1.7
7	DRX200 Shim Kit (incl. 4 shims)	SHIM-KITL	77548	6.2

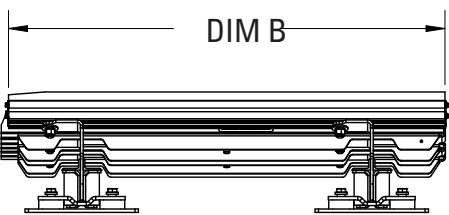
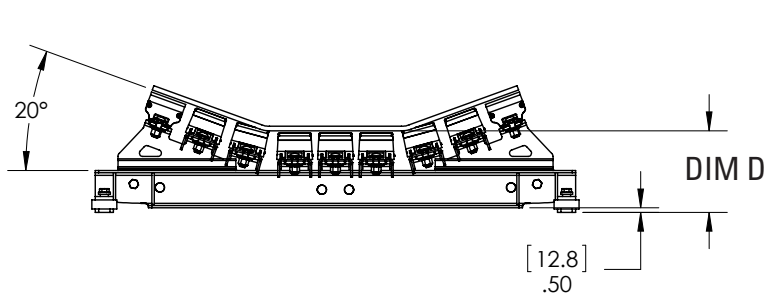
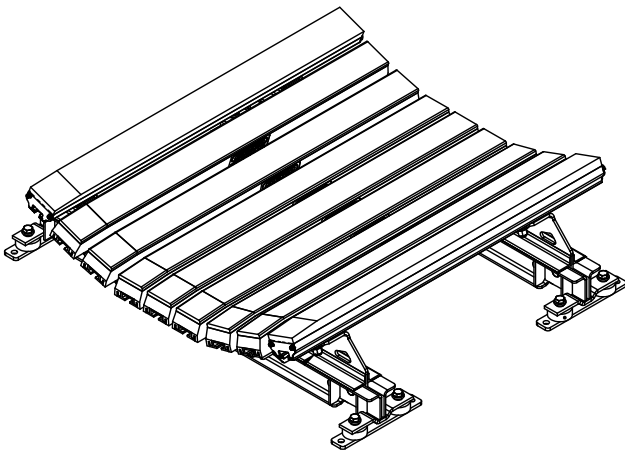
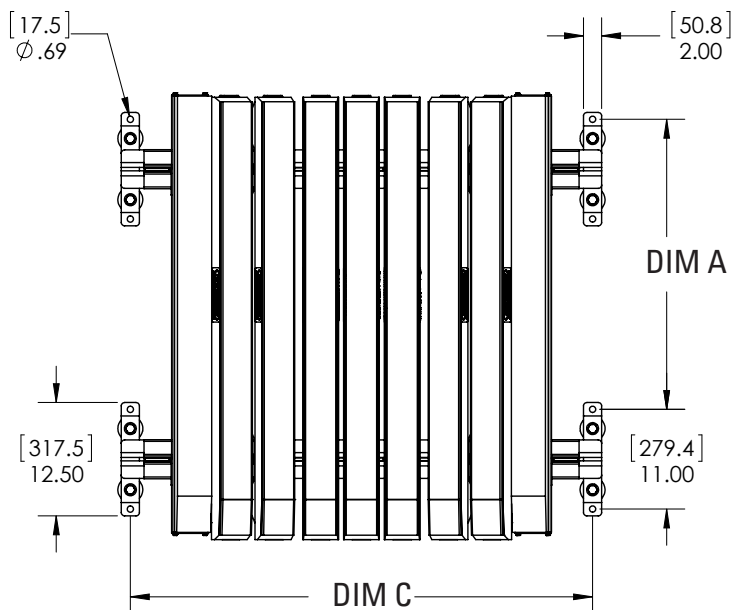
Lead time: 1 working day

Replacement Bars, Bar Supports and Bolt Kits Required per Belt Width - DRX200

mm	600	750	900	1050	1200	1350	1500	1800
in.	24	30	36	42	48	54	60	72
Slider Bars Required	2	2	2	2	2	2	2	4
Impact Bars Required	4	4	5	7	8	10	11	12
Impact Bar Supports Required	4	4	5	7	8	10	11	12
Impact Bar Bolt Kits Required	16	16	19	25	28	34	37	44

Specifications and Guidelines

DRX200
Impact Beds



Bed Length 1.4M (4')				Bed Length 1.5M (5')				Bed Width		Dim C		Dim D	
Dim A		Dim B		Dim A		Dim B							
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
812.8	32	1222.8	48.14	1117.6	44	1482.9	58.38	600	24	838	33	229	9
								750	30	991	39	229	9
								900	36	1143	45	229	9
								1050	42	1295	51	229	9
								1200	48	1448	57	229	9
								1350	54	1600	63	235	9.25
								1500	60	1753	69	235	9.25
								1800	72	2057	81	241	9.5

Product Ordering Information

DRX750 Impact Beds

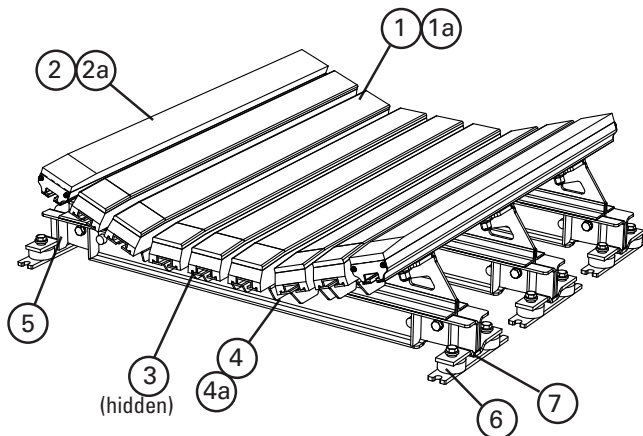
DRX750 CEMA D construction

BELT WIDTH		TONNAGE RATING (ton/hr)	1.2M (4') BEDS, 20° TROUGH			1.2M (4') BEDS, 35° TROUGH		
mm	in.		ORDERING NUMBER	ITEM CODE	WT. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
600	24	8,100	RDRXM-24-420	81283	165.6	RDRXM-24-435	81285	165.6
750	30	8,100	RDRXM-30-420	81287	180.1	RDRXM-30-435	81289	180.1
900	36	9,500	RDRXM-36-420	81291	211.8	RDRXM-36-435	81293	211.8
1050	42	12,200	RDRXM-42-420	81295	268.5	RDRXM-42-435	81297	268.5
1200	48	13,600	RDRXM-48-420	81299	282.6	RDRXM-48-435	81301	282.6
1350	54	16,300	RDRXM-54-420	81303	319.3	RDRXM-54-435	81305	319.3
1500	60	17,600	RDRXM-60-420	81307	353.3	RDRXM-60-435	81309	353.3
1800	72	19,000	RDRXM-72-420	81311	406.4	RDRXM-72-435	81313	406.4

Lead time: 2 weeks

BELT WIDTH		TONNAGE RATING (ton/hr)	1.5M (5') BEDS, 20° TROUGH			1.5M (5') BEDS, 35° TROUGH		
mm	in.		ORDERING NUMBER	ITEM CODE	WT. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
600	24	8,100	RDRXM-24-520	81284	182.8	RDRXM-24-535	81286	182.8
750	30	8,100	RDRXM-30-520	81288	197.3	RDRXM-30-535	81290	197.3
900	36	9,500	RDRXM-36-520	81292	233.1	RDRXM-36-535	81294	233.1
1050	42	12,200	RDRXM-42-520	81296	297.6	RDRXM-42-535	81298	297.6
1200	48	13,600	RDRXM-48-520	81300	311.6	RDRXM-48-535	81302	311.6
1350	54	16,300	RDRXM-54-520	81304	352.4	RDRXM-54-535	81306	352.4
1500	60	17,600	RDRXM-60-520	81308	390.5	RDRXM-60-535	81310	390.5
1800	72	19,000	RDRXM-72-520	81312	446.8	RDRXM-72-535	81314	446.8

Lead time: 2 weeks



*Belt width + 229mm (9") = Structure width

Impact Bed Size	Cema C or D, 127mm (5") IDLERS	CEMA C or D, 152mm (6") IDLERS
DRX200: 600 - 750mm	Shim idler up 13mm	No Kits Required
DRX200: 1050 - 1800mm	No Kits Required	Use (1) SHIM-KITL; Shim up 13mm

Impact Bed Size	CEMA E, 152mm (6") IDLERS	CEMA E, 178 (7") IDLERS
DRX200: 900 - 1500mm	Use (3) SHIM-KITL; Shim up 38mm	Use (4) SHIM-KITL; Shim up 50mm
DRX200: 1800mm	Use (4) SHIM-KITL; Shim up 50mm	Use (5) SHIM-KITL; Shim up 64mm

U.S. Patent No. 7,815,040

Product Notes:

- Rated for impacts up to 100 kg-m (750 lb-ft)
- Rated for belt speeds up to 5m/s (1000 fpm)
- Slide out serviceability
- Velocity Reduction Technology provides multiple points of protection
- Alternative trough angles or picking idler profiles available by special quote

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	Impact Bar, 1.2M (4')	IB4	76926	7.7
1a	Impact Bar, 1.5M (5')	IB5	76927	9.6
2	Slider Bar, 1.2M (4')	SB4	78789	9.1
2a	Slider Bar, 1.5M (5')	SB5	78790	10.9
3	Impact Bar Bolt Kit (incl. (1) ea 16mm (5/8") carriage bolt, square washer, flat washer, lock washer, Nylock nut)	IBBK	76928	0.2
4	Impact Bar Support -M 1.2M (4') (incl. (1) bar support, (2) ea carriage bolt, square washer, lock washer, Nylock nut)	IBS-M4	76931	7.7
4a	Impact Bar Support -M 1.5M (5') (incl. (1) bar support, (2) ea carriage bolt, square washer, lock washer, Nylock nut)	IBS-M5	76932	9.6
5	Sliding Support Arm Bolt Kit (incl. (2) 50mm (2") bolts, (2) lock washers, (2) Nylock nuts)	ISABK-LMH	77529	0.9
6	Isolation Mount Kit	IMK	76936	1.7
7	DRX750 Shim Kit (incl. 6 shims)	SHIM-KITM	77549	9.3

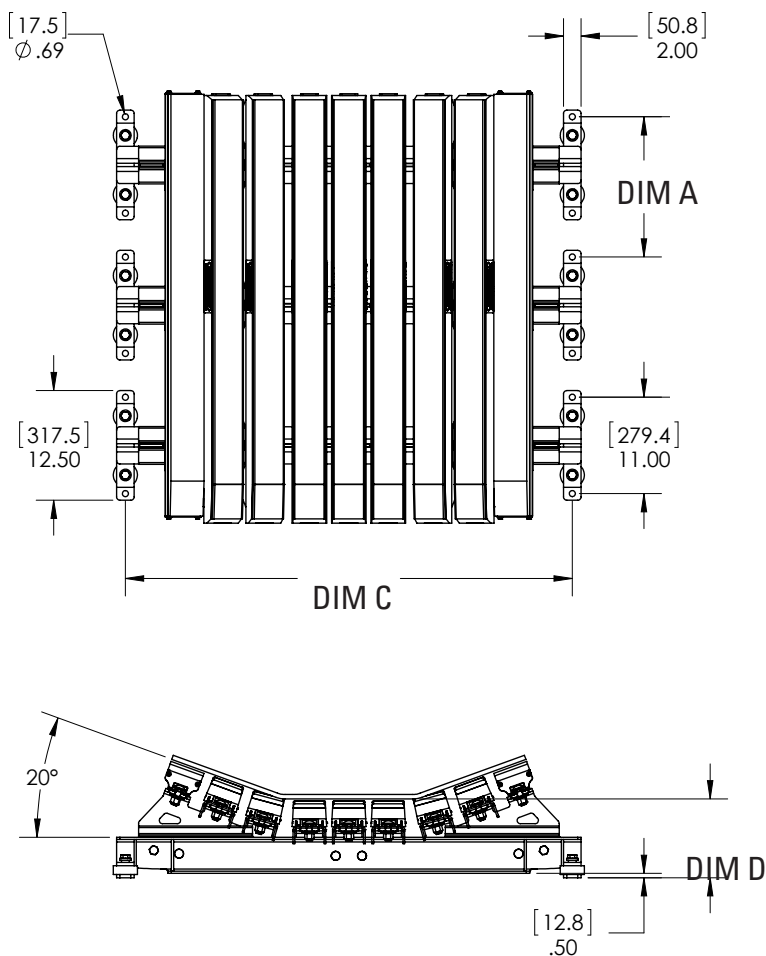
Lead time: 1 working day

Replacement Bars, Bar Supports and Bolt Kits Required per Belt Width - DRX750

mm	600	750	900	1050	1200	1350	1500	1800
in.	24	30	36	42	48	54	60	72
Slider Bars Required	2	2	2	2	2	2	2	4
Impact Bars Required	4	4	5	7	8	10	11	12
Impact Bar Supports Required	4	4	5	7	8	10	11	12
Impact Bar Bolt Kits Required	26	26	31	41	46	56	61	72

Specifications and Guidelines

DRX750
Impact Beds



Bed Length 1.4M (4')				Bed Length 1.5M (5')									
Dim A		Dim B		Dim A		Dim B							
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
406.4	16	1222.8	48.14	558.8	22	1482.9	58.38	600	24	838	33	229	9
								750	30	991	39	229	9
								900	36	1143	45	229	9
								1050	42	1295	51	229	9
								1200	48	1448	57	229	9
								1350	54	1600	63	235	9.25
								1500	60	1753	69	235	9.25
								1800	72	2057	81	241	9.5

Product Ordering Information

DRX1500 Impact Beds

DRX1500 CEMA D construction

BELT WIDTH		TONNAGE RATING (ton/hr)	1.2M (4') BEDS, 20° TROUGH			1.2M (4') BEDS, 35° TROUGH		
mm	in.		ORDERING NUMBER	ITEM CODE	WT. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
600	24	12,800	RDRXH-24-420	81315	228.2	RDRXH-24-435	81317	228.2
750	30	12,800	RDRXH-30-420	81319	247.2	RDRXH-30-435	81321	247.2
900	36	14,900	RDRXH-36-420	81323	284.9	RDRXH-36-435	81325	284.9
1050	42	19,200	RDRXH-42-420	81327	365.6	RDRXH-42-435	81329	365.6
1200	48	21,300	RDRXH-48-420	81331	384.2	RDRXH-48-435	81333	384.2
1350	54	25,600	RDRXH-54-420	81335	443.2	RDRXH-54-435	81337	443.2
1500	60	27,700	RDRXH-60-420	81339	483.5	RDRXH-60-435	81341	483.5
1800	72	29,900	RDRXH-72-420	81343	548.8	RDRXH-72-435	81345	548.8

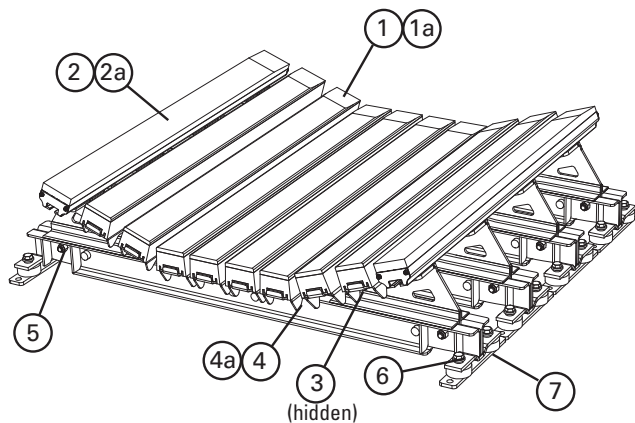
Lead time: 2 weeks

Product Notes:

- Rated for impacts up to 200 kg-m (1500 lb-ft)
- Rated for belt speeds up to 5m/s (1000 fpm)
- Slide out serviceability
- Velocity Reduction Technology provides multiple points of protection
- Alternative trough angles or picking idler profiles available by special quote

BELT WIDTH		TONNAGE RATING (ton/hr)	1.5M (5') BEDS, 20° TROUGH			1.5M (5') BEDS, 35° TROUGH		
mm	in.		ORDERING NUMBER	ITEM CODE	WT. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
600	24	12,800	RDRXH-24-520	81316	253.1	RDRXH-24-535	81318	253.1
750	30	12,800	RDRXH-30-520	81320	272.6	RDRXH-30-535	81322	272.6
900	36	14,900	RDRXH-36-520	81324	313.9	RDRXH-36-535	81326	313.9
1050	42	19,200	RDRXH-42-520	81328	406.4	RDRXH-42-535	81330	406.4
1200	48	21,300	RDRXH-48-520	81332	425.0	RDRXH-48-535	81334	425.0
1350	54	25,600	RDRXH-54-520	81336	491.7	RDRXH-54-535	81338	491.7
1500	60	27,700	RDRXH-60-520	81340	535.7	RDRXH-60-535	81342	535.7
1800	72	29,900	RDRXH-72-520	81344	605.1	RDRXH-72-535	81346	605.1

Lead time: 2 weeks



* Belt width + 229mm (9") = Structure width

Impact Bed Size	Cema C or D, 127mm (5") IDLERS	CEMA C or D, 152mm (6") IDLERS
DRX200: 600 - 750mm	Shim idler up 13mm	No Kits Required
DRX200: 1050 - 1800mm	No Kits Required	Use (1) SHIM-KITL; Shim up 13mm

Impact Bed Size	CEMA E, 152mm (6") IDLERS	CEMA E, 178 (7") IDLERS
DRX200: 900 - 1500mm	Use (3) SHIM-KITL; Shim up 38mm	Use (4) SHIM-KITL; Shim up 50mm
DRX200: 1800mm	Use (4) SHIM-KITL; Shim up 50mm	Use (5) SHIM-KITL; Shim up 64mm

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	Impact Bar, 1.2M (4')	IB4	76926	7.7
1a	Impact Bar, 1.5M (5')	IB5	76927	9.6
2	Slider Bar, 1.2M (4')	SB4	78789	9.1
2a	Slider Bar, 1.5M (5')	SB5	78790	10.9
3	Impact Bar Bolt Kit incl. (1) ea 16mm (5/8") carriage bolt, square washer, flat washer, lock washer, Nylock nut	IBBK	76928	0.2
4	Impact Bar Support -H 1.2M (4') incl. (1) bar support, (2) ea carriage bolt, square washer, lock washer, Nylock nut	IBS-H4	76933	7.5
4a	Impact Bar Support -H 1.5M (5') incl. (1) bar support, (2) ea carriage bolt, square washer, lock washer, Nylock nut	IBS-H5	76934	9.5
5	Sliding Support Arm Bolt Kit incl. (2) 50mm (2") bolts, (2) lock washers, (2) Nylock nuts	ISABK-LMH	77529	0.9
6	Isolation Mount Kit	IMK	76936	1.7
7	DRX1500 Shim Kit (incl. 8 shims)	SHIM-KITH	77550	12.3

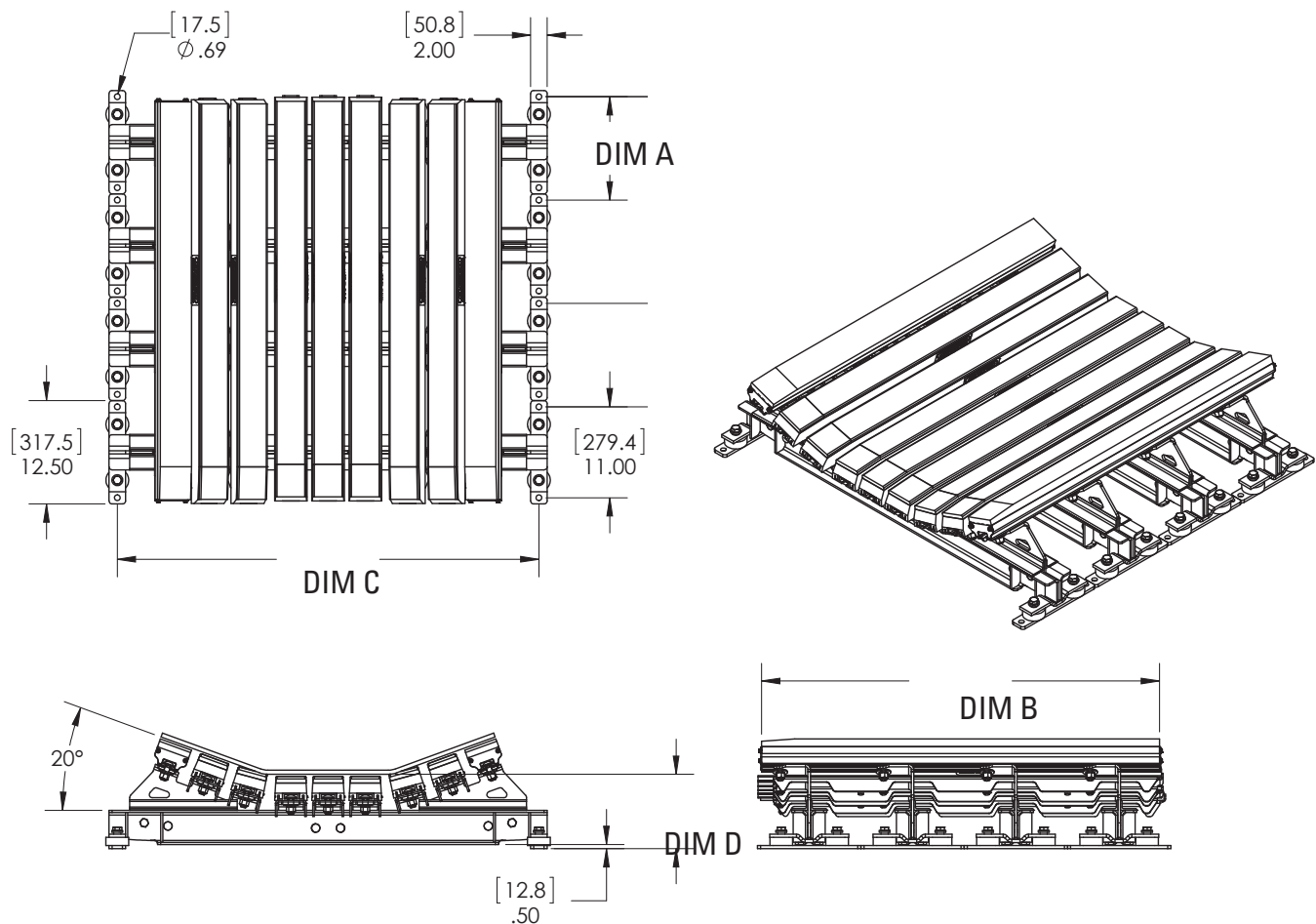
Lead time: 1 working day

Replacement Bars and Bolt Kits Required per Belt Width - DRX1500

mm	600	750	900	1050	1200	1350	1500	1800
in.	24	30	36	42	48	54	60	72
Slider Bars Required	2	2	2	2	2	2	2	4
Impact Bars Required	4	4	5	7	8	10	11	12
Impact Bar Supports Required	4	4	5	7	8	10	11	12
Impact Bar Bolt Kits Required	32	32	38	50	56	68	74	88

Specifications and Guidelines

DRX1500 Impact Beds



Bed Length 1.4M (4')				Bed Length 1.5M (5')									
Dim A		Dim B		Dim A		Dim B							
mm	in.	in.	mm	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
317.5	12.5	48.14	1222.8	406.4	16	1482.9	58.38	600	24	838	33	229	9
								750	30	991	39	229	9
								900	36	1143	45	229	9
								1050	42	1295	51	229	9
								1200	48	1448	57	229	9
								1350	54	1600	63	235	9.25
								1500	60	1753	69	235	9.25
								1800	72	2057	81	241	9.5

Product Ordering Information

DRX3000 Dynamic Beds

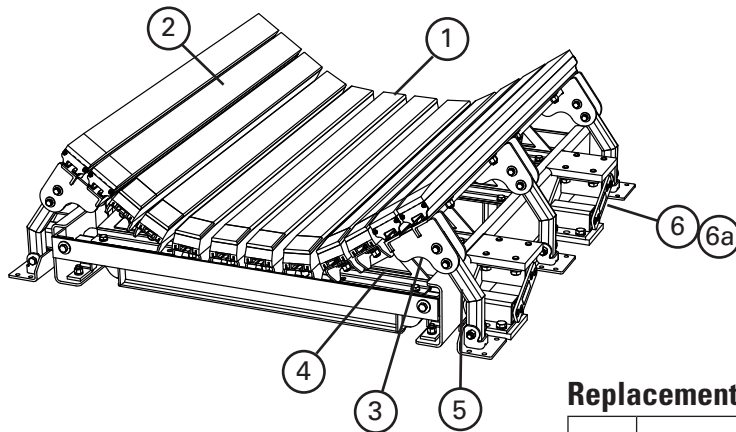
DRX3000 CEMA E construction

BELT WIDTH		TONNAGE RATING (ton/hr)	1.5M (5') BEDS, 20° TROUGH			1.5M (5') BEDS, 35° TROUGH		
mm	in.		ORDERING NUMBER	ITEM CODE	WT. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
1050	42	28,700	DRXD-42-520	76912	612.8	DRXD-42-535	76919	612.8
1200	48	31,900	DRXD-48-520	76913	638.2	DRXD-48-535	76920	638.2
1350	54	38,300	DRXD-54-520	76914	711.2	DRXD-54-535	76921	711.2
1500	60	41,500	DRXD-60-520	76915	760.2	DRXD-60-535	76922	760.2
1800	72	44,700	DRXD-72-520	76916	951.6	DRXD-72-535	76923	951.6
2100	84	51,100	DRXD-84-520	76917	1025.6	DRXD-84-535	76924	1025.6
2400	96	63,900	DRXD-96-520	76918	1183.4	DRXD-96-535	76925	1183.4

Lead time: 4 weeks

Product Notes:

- For extreme impact applications up to 400 kg-m (3000 lb-ft) (lump size x drop height).
- Rated for belt speeds up to 5m/s (1000 fpm)
- Impact Energy Absorbers compress up to 75mm (3") to absorb extreme impact energy to minimize damaging forces and protect the belt.
- Alternative trough angles or picking idler profiles available by special quote



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	Impact Bar, 1.5M (5') (13mm {1/2"} UHMW)	IB5	76927	9.6
2	Slider Bar, 1.5M (5')	SB5	78790	10.9
3	Impact Bar Bolt Kit incl. (1) ea 16mm (5/8") carriage bolt, square washer, flat washer, lock washer, Nylock nut	IBBK	76928	0.2
4	Impact Bar Support - D 1.5M (5') incl. (1) bar support, (2) ea carriage bolt, square washer, lock washer, Nylock nut	IBS-D5	77530	9.5
5	Sliding Support Arm Bolt Kit incl. (4) 38mm (1-1/2") bolts, (2) 50mm (2") bolts, (6) lock washers, (6) Nylock nuts	ISABK	76935	0.9
6	Impact Energy Absorber 42-60	IEA-42-60	76937	19.1
6a	Impact Energy Absorber 72-96	IEA-72-96	76938	29.9

Lead time: 1 working day

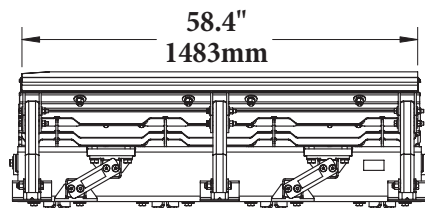
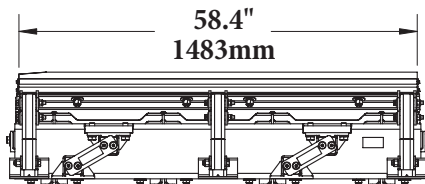
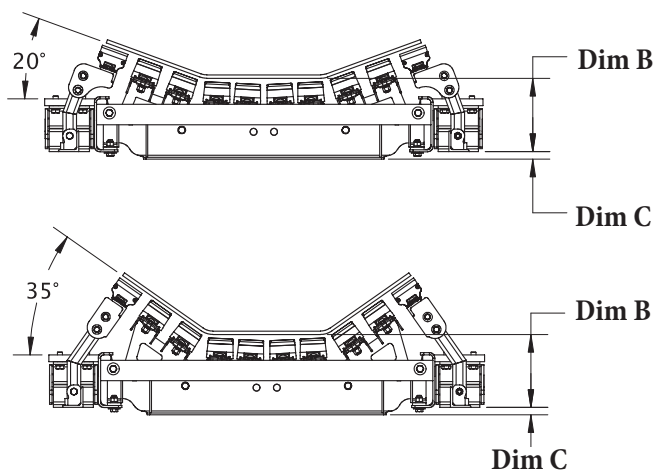
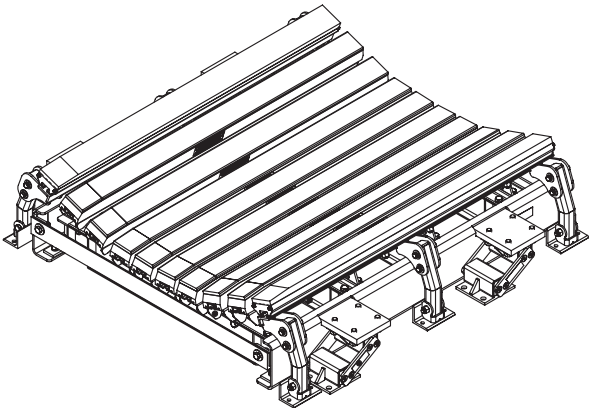
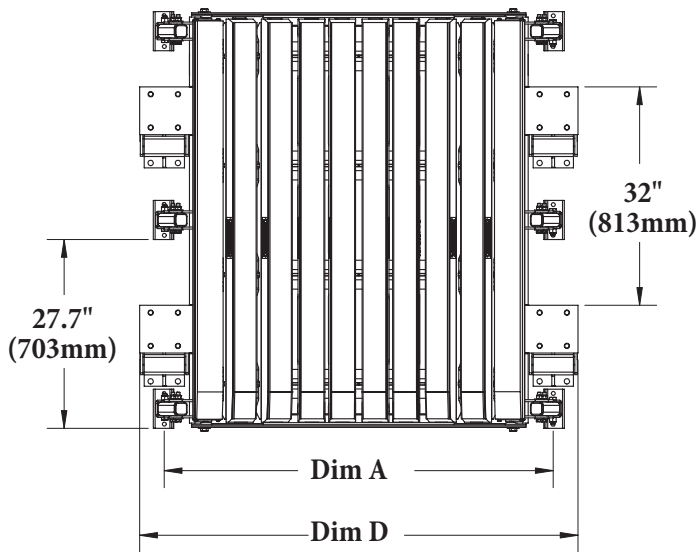
* Belt width + 9" = Structure width

Replacement Bars and Bolt Kits Required per Belt Width - DRX3000

mm	1050	1200	1350	1500	1800	2100	2400
in.	42	48	54	60	72	84	96
Slider Bars Required	2	2	4	4	4	4	4
Impact Bars Required	8	8	8	9	12	12	16
Impact Bar Supports Required	8	8	8	9	12	12	16
Impact Bar Bolt Kits Required	56	56	64	70	88	88	112

Specifications and Guidelines

DRX3000
Dynamic Beds



Bed Width		Dim A		Dim B		Dim C		Dim D	
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
1050	42	1295.4	51	273	10.75	27.7	1.09	1479.6	58.25
1200	48	1447.8	57	273	10.75	27.7	1.09	1632.0	64.25
1350	54	1600.2	63	273	10.75	27.7	1.09	1784.4	70.25
1500	60	1752.6	69	273	10.75	27.7	1.09	1936.8	76.25
1800	72	2057.4	81	292.1	11.50	29.1	1.15	2292.4	90.25
2100	84	2362.2	93	298.5	11.75	29.1	1.15	2597.2	102.25
2400	96	2667.0	105	298.5	11.75	29.1	1.15	2902.0	114.25

Product Ordering Information

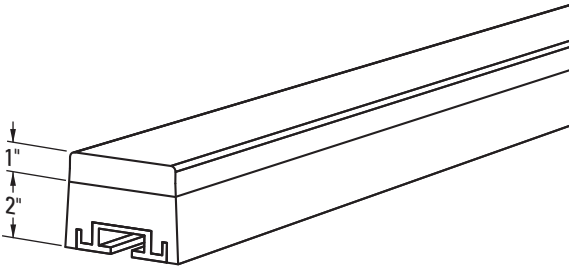
DRX™ Impact Beds Optional Parts and Tools

Impact Bars with 1" UHMW

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

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1.4M (4') Impact Bar with 25mm (1") UHMW	IB4-1U	76965	7.7
1.5M (5') Impact Bar with 25mm (1") UHMW	IB5-1U	76966	9.6

Lead time: 1 working day



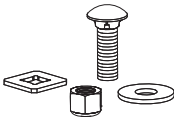
Impact Bar with 1" UHMW Cover

Impact Bar Bolt Kit for Other OEM Impact Beds*

13mm (1/2") carriage bolt, square washer, flat washer and Nylock nut to mount DRX Impact Bars on other OEM beds that use 13mm (1/2") T-bolts. Count cross stringers on OEM bed (example: 3 cross stringers require 3 Bolt Kits per impact bar)

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
OEM Impact Bar Bolt Kit	OIBBK	76950	0.2

*Kit includes 1 ea. bolt, square washer, flat washer and Nylock nut.
Lead time: 1 working day



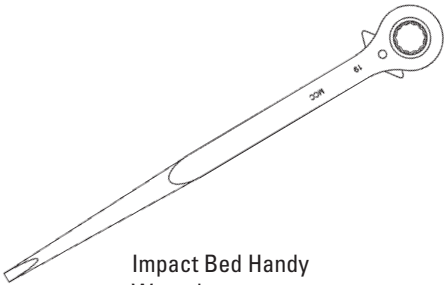
Optional Impact Bar Bolt Kit

Impact Bed Handy Wrench

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

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Impact Bed Handy Wrench	HW-IMPB	76939	0.7

Lead time: 1 working day



Impact Bed Handy Wrench

Selection Guidelines

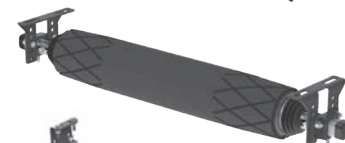
Belt Tracking Products

MODEL	APPLICATION RANGE
Belt Positioner™	Return side only, 140 n/mm (800 PIW) max tension on Small, Medium and Large; 210 n/mm (1200 PIW) max tension on Extra Large. Also works on reversing belts.
PTEZ™	Medium-duty belts up to 280 n/mm (1600 PIW) max tension. Also works on reversing belts. Belt width 450 - 1200mm (18"-48").
PT Smart™	Medium-duty belts up to 280 n/mm (1600 PIW) max tension. Belt width 1050 - 2100mm (42" - 84"). Belt thickness 25mm (1") maximum.
HD PTEZ™	Medium-duty belts up to 420 n/mm (2400 PIW) max tension. Belt widths + 229mm (9") idler. Belt thickness 25mm (1") maximum. Also works on reversing belts.
PT Max™	Heavy-duty belts up to 525 n/mm (3000 PIW) max. Generally 19mm to 25mm thick (3/4" to 1") Belt width 600 - 1500mm (24" - 60")
HD PT Max™	Heavy-duty belts up to 1050 n/mm (6000 PIW) max tension. Belt width 1350 - 2100mm (54" - 84")

Belt Positioner™



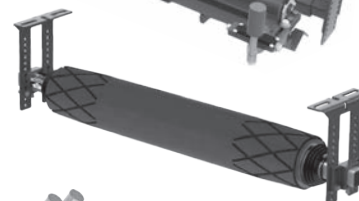
PTEZ™



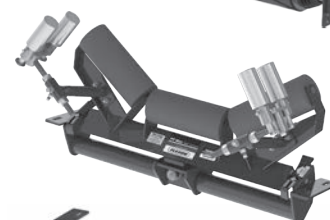
PT Smart™
Standard



HD PTEZ™



PT Max™
Top Side



PT Max™
Return Side



Conveyor Criteria	Belt Positioner™	PTEZ™	Heavy Duty PTEZ™	PT Smart™	PT Max™	Heavy Duty PT Max™	Super Duty PT Max™
Top side mistracking	No	No	No	No	Yes	Yes	Yes
Return side mistracking	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Reversing	Yes	Yes	Yes	No	No	No	No
Belt mistracking to one side	Better	Better	Better	Better	Better	Better	Better
Belt mistracking to both sides	Acceptable	Better	Better	Best	Best	Best	Best
Inconsistent tracking problem	Good	Better	Better	Best	Best	Best	Best
Belt is cupped (heavy)	Best ‡	Better‡	Better‡	Better	Better	Better	Better
Belt has edge damage	Best	Best	Best	Good	Good	Good	Good
Ease of Installation	Best	Better	Better	Good	Good	Good	Good
Belt has low running tension (150-300 PIW)	Good	Good	Good	Good	Good	N/A	N/A
Belt has medium running tension (300-1600 PIW)	Better	Better	Better	Better	Best	Best	Best
Belt has high running tension (1600+ PIW)	N/A	N/A	N/A	N/A	Better	Best	Best
Approx. "upstream" effect*Δ	15 M (50')	6 M (20')	6 M (20')	6 M (20')	15 M (50')	15 M (50')	15 M (50')
Approx. "downstream" effect*Δ	15 M (50')	30 - 36 M (100' - 120')	30 - 36 M (100' - 120')	36 - 45 M (120' - 150')	45 - 61 M (150' - 200')	45 - 61 M (150' - 200')	45 - 61 M (150' - 200')

‡ Installed on the clean side of the return belt

* Typical results; actual results may vary

Δ Disc idlers have the potential to reduce these numbers



Belt Positioners with Rubber Rollers

SIZE	BELT WIDTH (Min-Max)		POSITIONER WIDTH (Min-Max)		ORDERING NUMBER	ITEM CODE	WT. KG.
	mm	in.	mm	in.			
Small	18-24	450-600	24-34	600-850	RBP1R-S	90646	8.4
Medium	30-48	750-1200	34-56	850-1400	RBP1R-M	90647	10.2
Large	54-72	1350-1800	56-83	1400-2075	RBP1R-L	90648	13.0
Extra Large	72-96	1800-2400	72-120	1800-3000	RBP1R-XL	90649	25.2

Use next larger size for belt widths between ranges.
NOTE: Idler Rollers on sizes S, M and L are 125mm (5") diameter and rated CEMA D.
Idler Rollers on the XL size are 150mm (6") 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. KG.
	mm	in.	mm	in.			
Small	18-24	450-600	24-34	600-850	RBP1S-S	74558	9.7
Medium	30-48	750-1200	34-56	850-1400	RBP1S-M	74559	11.7
Large	54-72	1350-1800	56-83	1400-2075	RBP1S-L	74560	15.1
Extra Large	72-96	1800-2400	72-120	1800-3000	RBP1S-XL	74561	27.6

Lead time: 1 working day

Product Notes:

- The Positioner should be centered between two standard return rollers. For general applications—standard belts up to 1800mm (72"): position the unit no closer than .9M (3') to a return roller and no farther than 1.8M (6').
- 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.

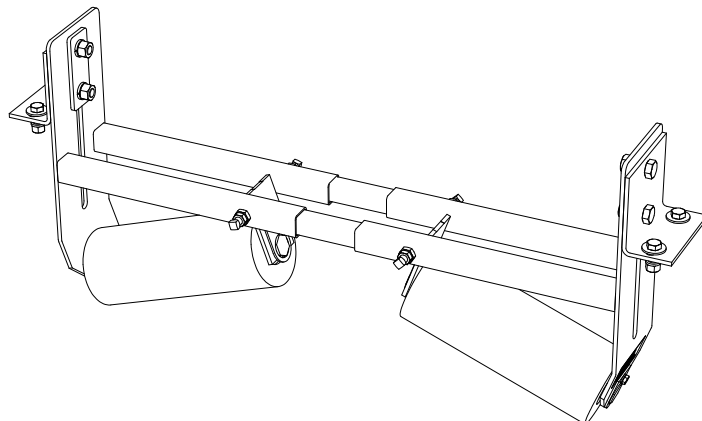
Specifications & Guidelines

Belt Positioner™

Belt Width Specifications

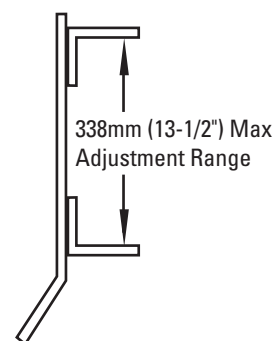
SIZE	BELT WIDTH (Min-Max)		POSITIONER WIDTH (Min-Max)	
	mm	in.	mm	in.
Small	450-600	18-24	600-850	24-34
Medium	750-1200	30-48	850-1400	34-56
Large	1350-1800	54-72	1400-2075	56-83
Extra Large	1800-2400	72-96	1800-3000	72-120

Use next larger size for belt widths between ranges.



Application Guidelines

- Belt Splice Mechanically Fastened/Vulcanized
- Belt Speed 5m/s (1000 FPM)
- Belt Direction Reversing



Roller Specifications

SPECIFICATION	Rubber	Steel
Material	STEEL and 3/8" RUBBER	STEEL
Durometer	60	N/A
Rating	CEMA D (XL is CEMA E)	CEMA D (XL is CEMA E)
Bearings	6305 Sealed Ball Bearing	6305 Sealed Ball Bearing
Shaft Diameter	25mm (1")	25mm (1")
Wall Thickness	9 Gauge (.148) (XL - 6mm [1/4"])	9 Gauge (.148) (XL - 6mm [1/4"])
Specific Gravity	Over 1	Over 1
Working Temperature	-20° to 104° C -4° to 220° F	-20° to 104° C -4° to 220° F
Grease & Chemical Resistance	Good	Good
Sticky Material Performance	Excellent	Good

Roller Dimensions

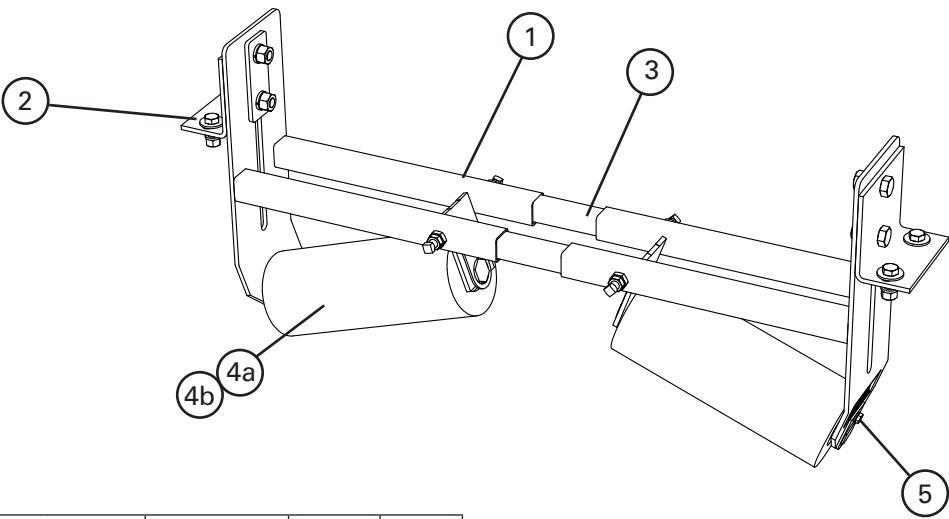
SIZE	LENGTH		DIAMETER	
	mm	in.	mm	in.
Small	225	9	125	5
Medium	325	13	125	5
Large	475	19	125	5
Extra Large	525	21	150	6

Product Notes:

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

Replacement Parts List

Belt Positioner™



Replacement Parts

REF	DESCRIPTION	BELT WIDTH (Min-Max)		ORDERING NUMBER	ITEM CODE	WT. KG.
		mm	in.			
1	Small Frame Kit* (1 ea.)	450-600	18-24	RBPFK-S	75522	5.7
	Medium Frame Kit* (1 ea.)	750-1200	30-48	RBPFK-M	75523	6.6
	Large Frame Kit* (1ea.)	1350-1800	54-72	RBPFK-L	75524	8.8
	Extra Large Frame Kit* (1 ea.)	1800-2400	72-96	RBPFK-XL	75525	12.9
2	Mounting Bracket Kit* (1 ea.)			RBPMBK	75526	2.7
3	Small Inner Tube (1 ea.)	450-600	18-24	RBPIT-S	75527	1.4
	Medium Inner Tube (1 ea.)	750-1200	30-48	RBPIT-M	75528	2.0
	Large Inner Tube (1 ea.)	1350-1800	54-72	RBPIT-L	75529	2.9
	Extra Large Inner Tube (1 ea.)	1800-2400	72-96	RBPIT-XL	75530	4.1

* Hardware included
Lead time: 1 working day

Replacement Rollers

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
4a	Small Rubber Roller	RBPRR-S	90650	3.6
	Medium Rubber Roller	RBPRR-M	90651	5.0
	Large Rubber Roller	RBPRR-L	90652	7.0
	Extra Large Rubber Roller	RBPRR-XL	90653	12.6
4b	Small Steel Roller	RBPSR-S	74562	5.5
	Medium Steel Roller	RBPSR-M	74563	7.5
	Large Steel Roller	RBPSR-L	74564	10.5
	Extra Large Steel Roller	RBPSR-XL	74565	16.6
5	Roller Retainer Kit *	RBPRET	73163	0.2

Idler rollers on sizes S, M and L are 125mm (5") diameter and rated CEMA D.
Idler rollers on the XL size are 150mm (6") diameter and rated CEMA E.
*Roller Retainer Kit not required for XL rollers (SDX style).

Lead time: 1 working day

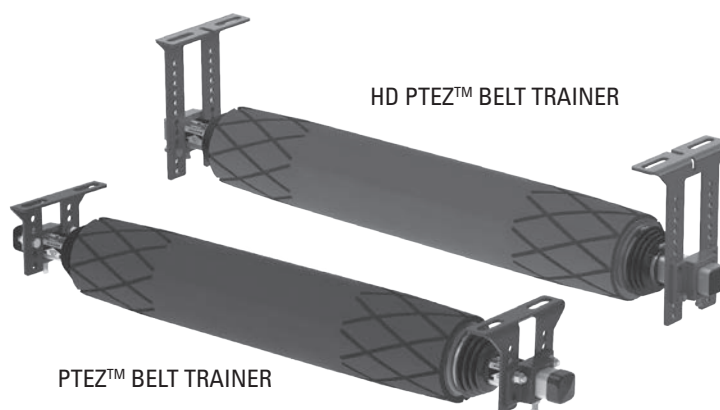
Product Ordering Information

PTEZ™
Belt Trainer

PTEZ™ Belt Trainer

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
in.	mm			
18	450	PTEZ-18	90265	54.4
24	600	PTEZ-24	90266	59.0
30	750	PTEZ-30	90267	63.5
36	900	PTEZ-36	90268	68.0
42	1050	PTEZ-42	90269	72.6
48	1200	PTEZ-48	90270	77.1

Lead time: 1 working day



HD PTEZ™ Belt Trainer

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
in.	mm			
42	1050	PTEZHD-42/1050	90616	103.4
48	1200	PTEZHD-48/1200	90617	114.3
54	1350	PTEZHD-54/1350	90618	126.6
56	1400	PTEZHD-56/1400	90795	129.3
60	1500	PTEZHD-60/1500	90619	136.6
64	1600	PTEZHD-64/1600	90796	143.8
72	1800	PTEZHD-72/1800	90620	158.3
80	2000	PTEZHD-80/2000	90797	173.3
84	2100	PTEZHD-84/2100	90621	180.5

Lead time: 1 working day

HD PTEZ™ UG Belt Trainer

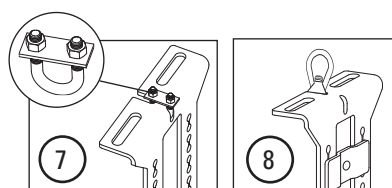
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
in.	mm			
42	1050	PTEZHD-42/1050-UG	90798	104.3
48	1200	PTEZHD-48/1200-UG	90799	115.2
54	1350	PTEZHD-54/1350-UG	90800	126.6
60	1500	PTEZHD-60/1500-UG	90801	137.4
72	1800	PTEZHD-72/1800-UG	90802	159.2

Lead time: 1 working day

Product Notes:

- Simple adjustable mounting brackets ensure quick and accurate installation.
- Urethane roller cover ensures long-lasting performance.
- Works in multiple applications, yet economical. Single-direction and reversing belts. Wet or dry conditions. Belts with edge damage or wear. Belts mistracking to one or both sides.
- Easy ordering and installation. Enhanced to meet instant demands for training solutions, the PTEZ is available on a one-working-day lead time. The simple brackets and component construction also ensure a quick and easy installation.
- Uses tapered and patterned roller to activate the trainer movement. Pivot influences direction while Tilt increases the tension on the mistracked side—the result is two forces quickly moving the belt back to center.
- Works with mechanically fastened or vulcanized belts.

Replacement Parts List

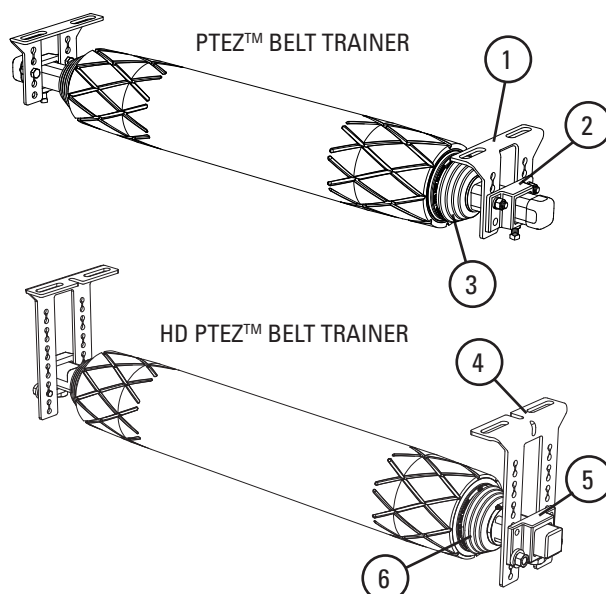


PTEZ™ Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	PTEZ Mounting Bracket Kit (2 ea.)	PTEZMB	90351	3.6
2	PTEZ Pole Bracket Kit (2 ea.)	PTEZPB	90352	2.7
3	PTEZ Dust Cover Kit (2 ea.)	PTEZDC	90353	0.5
4	PTEZ HD Mount Bracket Kit (2 ea.)	PTEZHD-MBK	90803	8.6
5	PTEZ HD Pole Bracket Kit (2 ea.)	PTEZHD-PBK	90804	3.6
6	PTEZ HD Dust Cover Kit (2 ea.)	PTEZHD-DCK	90805	0.5
7	PTEZ HD Wire Rope Bolt Kit (2 ea.)	PTEZHD-WRBK	90806	0.5
8	PTEZ HD J Bolt Bracket Kit (2 ea.)	PTEZHD-JBBK	90807	0.9

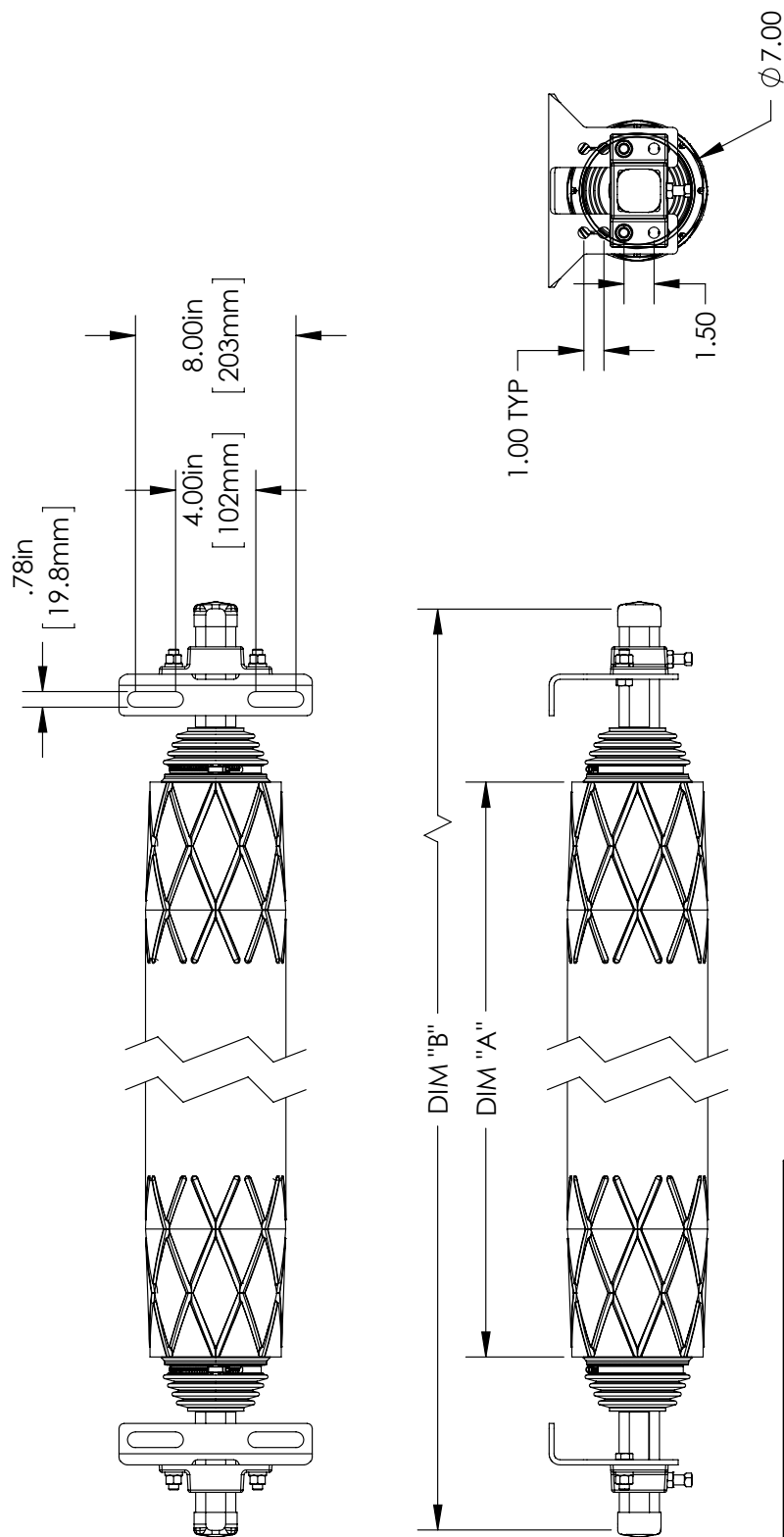
Lead time: 1 working day

*Bracket set for 1 roller



Specifications & Guidelines

PTEZ™
Belt Trainer

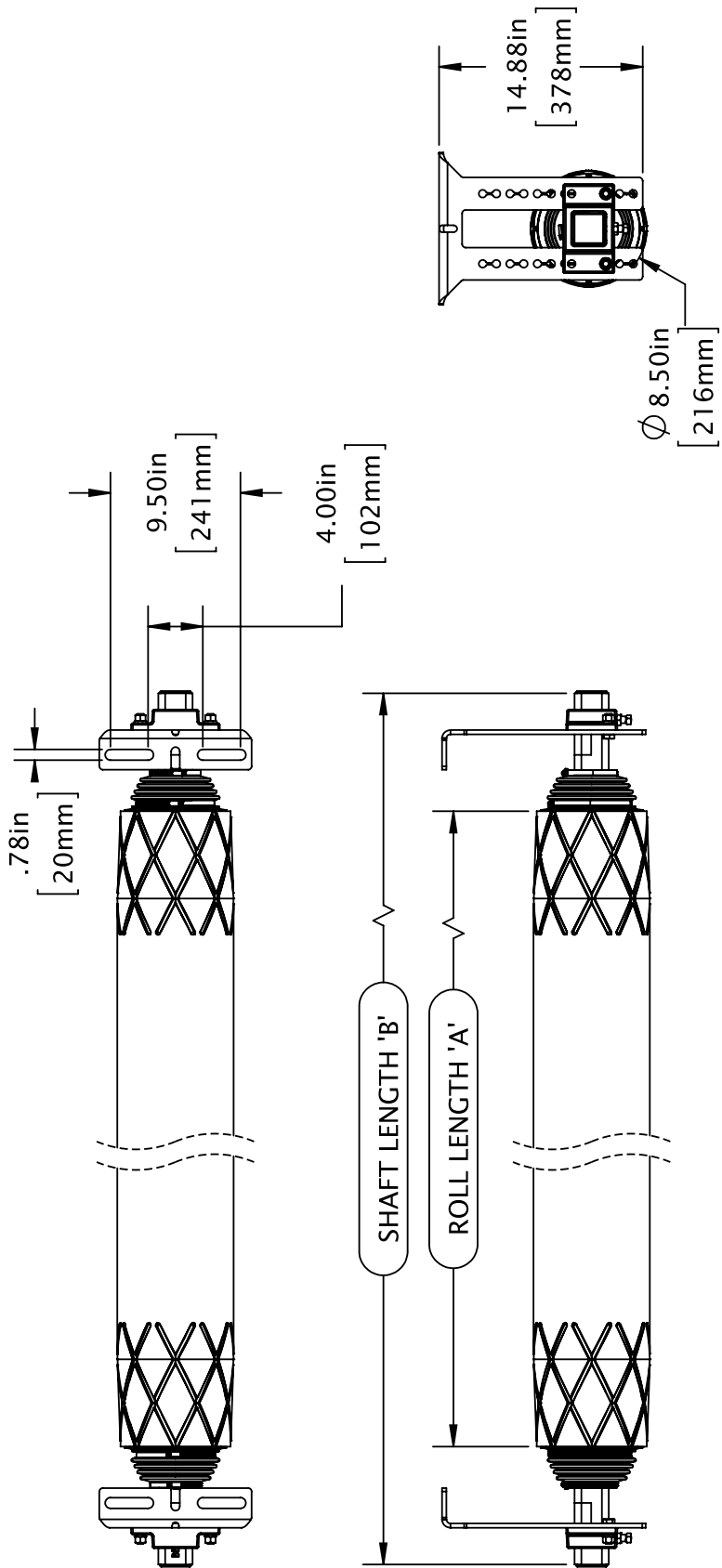


PART NUMBER	BELT WIDTH	DIM "A"	DIM "B"
90265	18"	18.75" [476mm]	36" [914mm]
90266	24"	24.75" [629mm]	42" [1067mm]
90267	30"	30.75" [781mm]	48" [1219mm]
90268	36"	36.75" [933mm]	54" [1372mm]
90269	42"	42.75" [1086mm]	60" [1524mm]
90270	48"	48.75" [1238mm]	66" [1676mm]

Specifications & Guidelines

HD PTEZ™
Belt Trainer

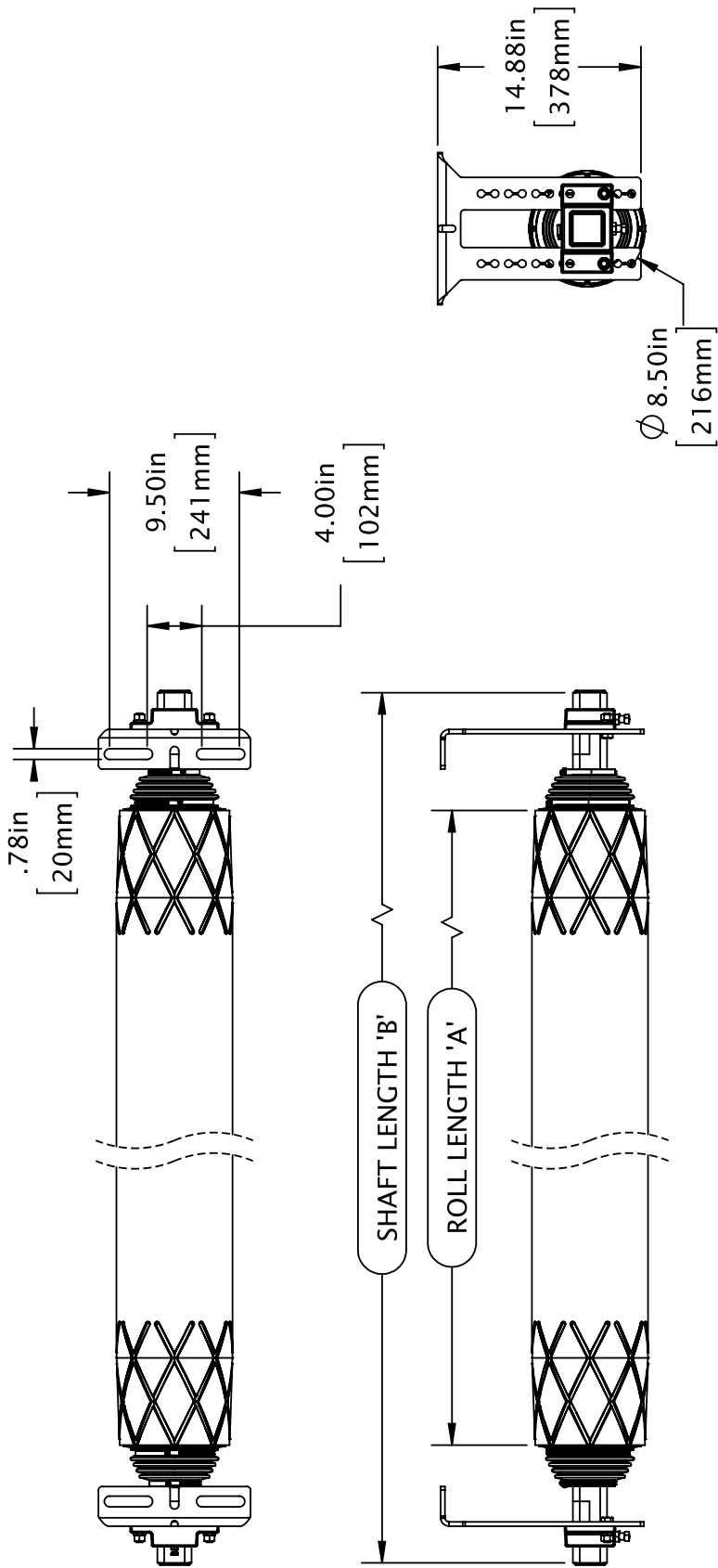
SPECIFICATIONS					
BELT WIDTH (in)	ROLL LENGTH 'A' (mm)	ROLL LENGTH 'A' (in)	SHAFT LENGTH 'B' (mm)	ORDER NUMBER	ITEM CODE
42	1050	42.75	1086	PTEZ HD-42	90616
48	1200	48.75	1238	PTEZ HD-48	90617
54	1350	54.75	1391	PTEZ HD-54	90618
56	1400	56.75	1441	PTEZ HD-56	90795
60	1500	60.75	1543	PTEZ HD-60	90619
64	1600	64.75	1645	PTEZ HD-64	90796
72	1800	72.75	1848	PTEZ HD-72	90620
80	2000	80.75	2051	PTEZ HD-80	90797
84	2100	84.75	2153	PTEZ HD-84	90621



Specifications
& Guidelines

HD PTEZ™ Underground
Belt Trainer

SPECIFICATIONS					
BELT WIDTH (in)	ROLL LENGTH 'A' (mm)	ROLL LENGTH 'A' (in)	SHAFT LENGTH 'B' (mm)	ORDER NUMBER	ITEM CODE
42	1050	42.75	1086	PTEZ HD-42	90616
48	1200	48.75	1238	PTEZ HD-48	90617
54	1350	54.75	1391	PTEZ HD-54	90618
56	1400	56.75	1441	PTEZ HD-56	90795
60	1500	60.75	1543	PTEZ HD-60	90619
64	1600	64.75	1645	PTEZ HD-64	90796
72	1800	72.75	1848	PTEZ HD-72	90620
80	2000	80.75	2051	PTEZ HD-80	90797
84	2100	84.75	2153	PTEZ HD-84	90621



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	WT. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.						
450	18	PTS-18R	77664	54.9	PTS-RR21	77680	10.0
600	24	PTS-24R	77665	64.0	PTS-RR27	77681	12.2
750	30	PTS-30R	77666	69.9	PTS-RR33	77682	14.6
900	36	PTS-36R	77667	76.7	PTS-RR39	77683	16.3
1050	42	PTS-42R	77668	84.4	PTS-RR45	77684	18.8
1200	48	PTS-48R	77669	89.4	PTS-RR51	77685	20.4
1350	54	PTS-54R	77670	95.3	PTS-RR57	77686	21.5
1500	60	PTS-60R	77671	101.6	PTS-RR63	77687	24.0
1800	72	PTS-72R	77672	109.8	PTS-RR75	77689	25.9

Lead time: 1 working day



PT SMART
UNDERGROUND STRUCTURE
BELT TRAINER
(Roller Included)

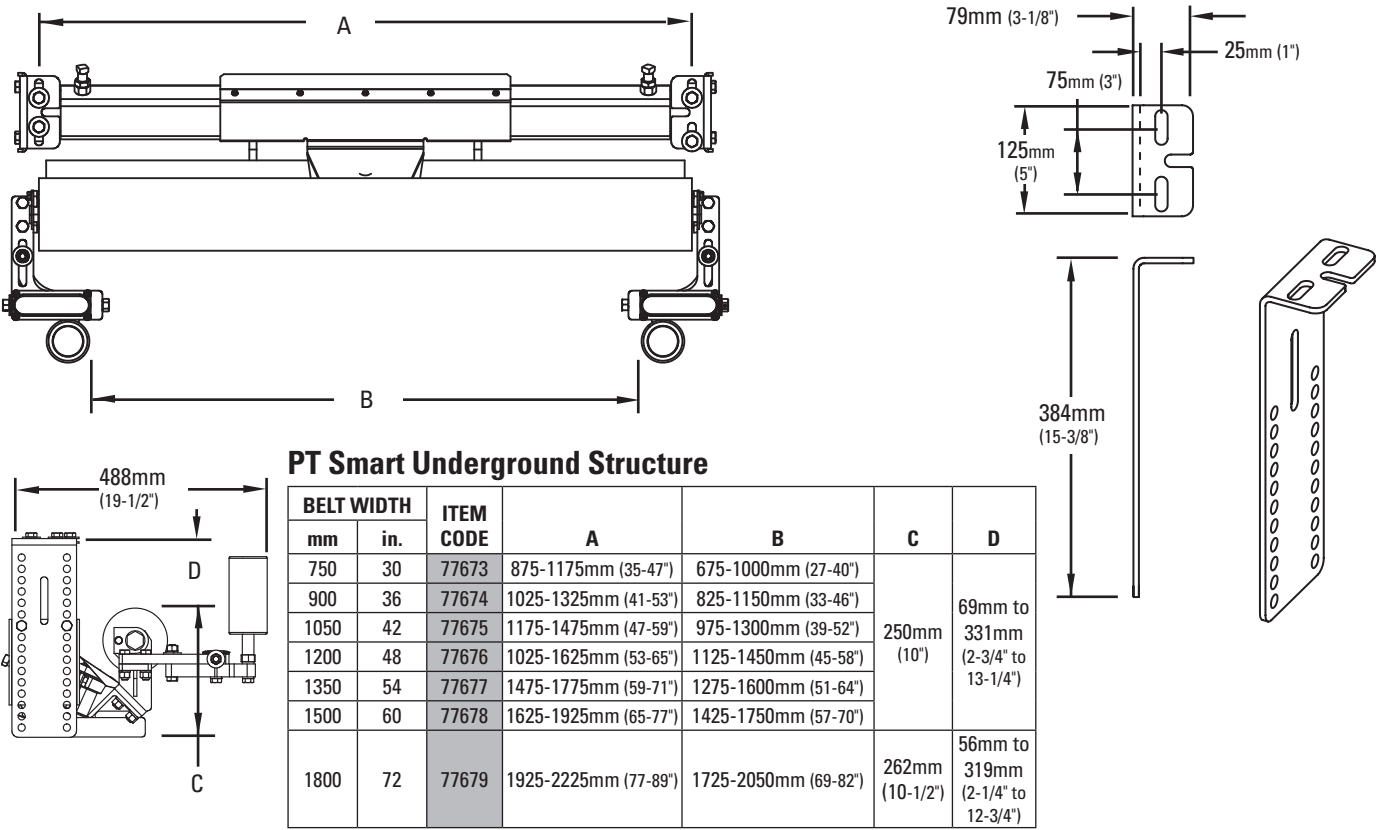
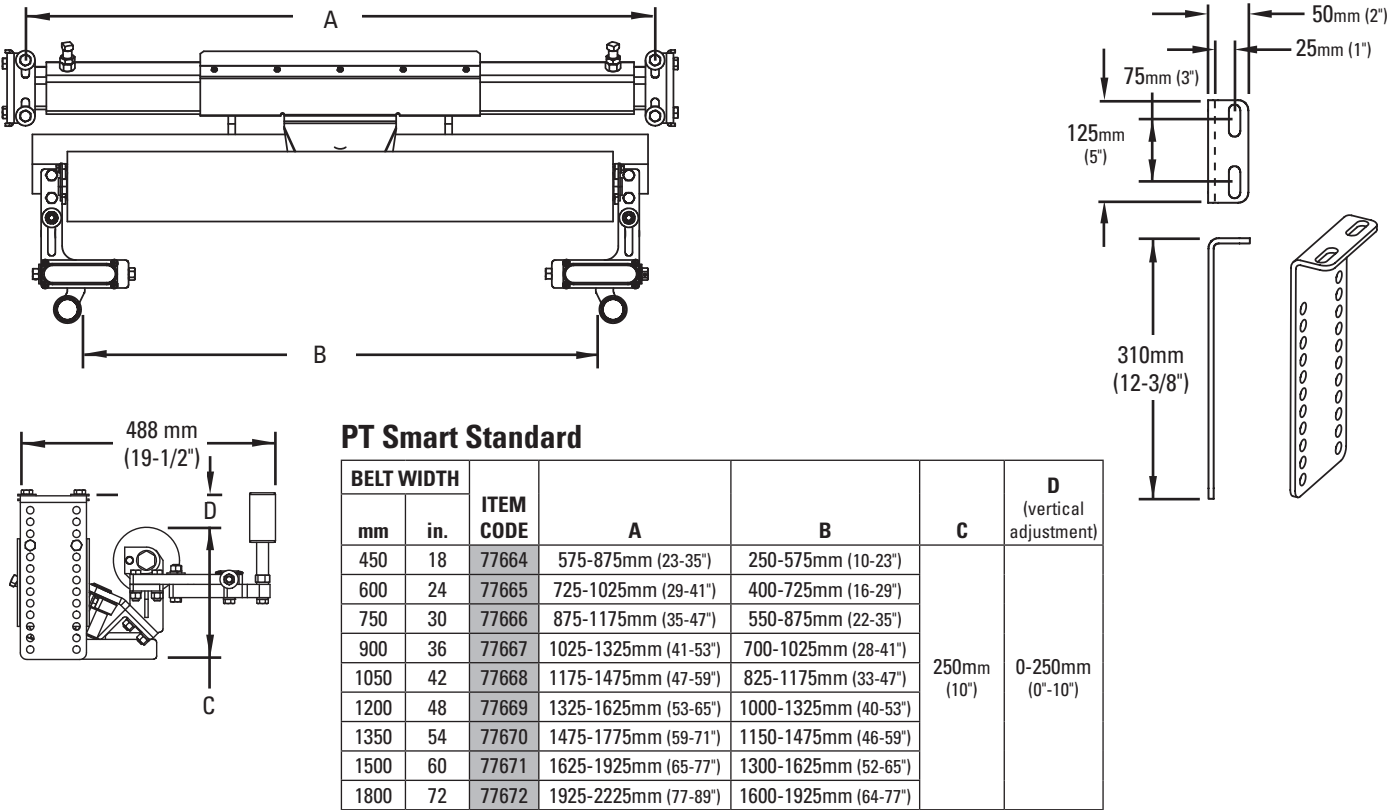
PT Smart™ Underground Structure Belt Trainer

BELT TRAINER COMPLETE					REPLACEMENT ROLLERS		
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.	ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.						
750	30	PTS-30R-UG	77673	78.9	PTS-RR39	77683	16.3
900	36	PTS-36R-UG	77674	85.3	PTS-RR45	77684	18.8
1050	42	PTS-42R-UG	77675	88.9	PTS-RR51	77685	20.4
1200	48	PTS-48R-UG	77676	94.3	PTS-RR57	77686	21.5
1350	54	PTS-54R-UG	77677	99.8	PTS-RR63	77687	24.0
1500	60	PTS-60R-UG	77678	115.7	PTS-RR69	77688	25.9
1800	72	PTS-72R-UG	77679	120.2	PTS-RR81	77690	36.7

Lead time: 1 working day

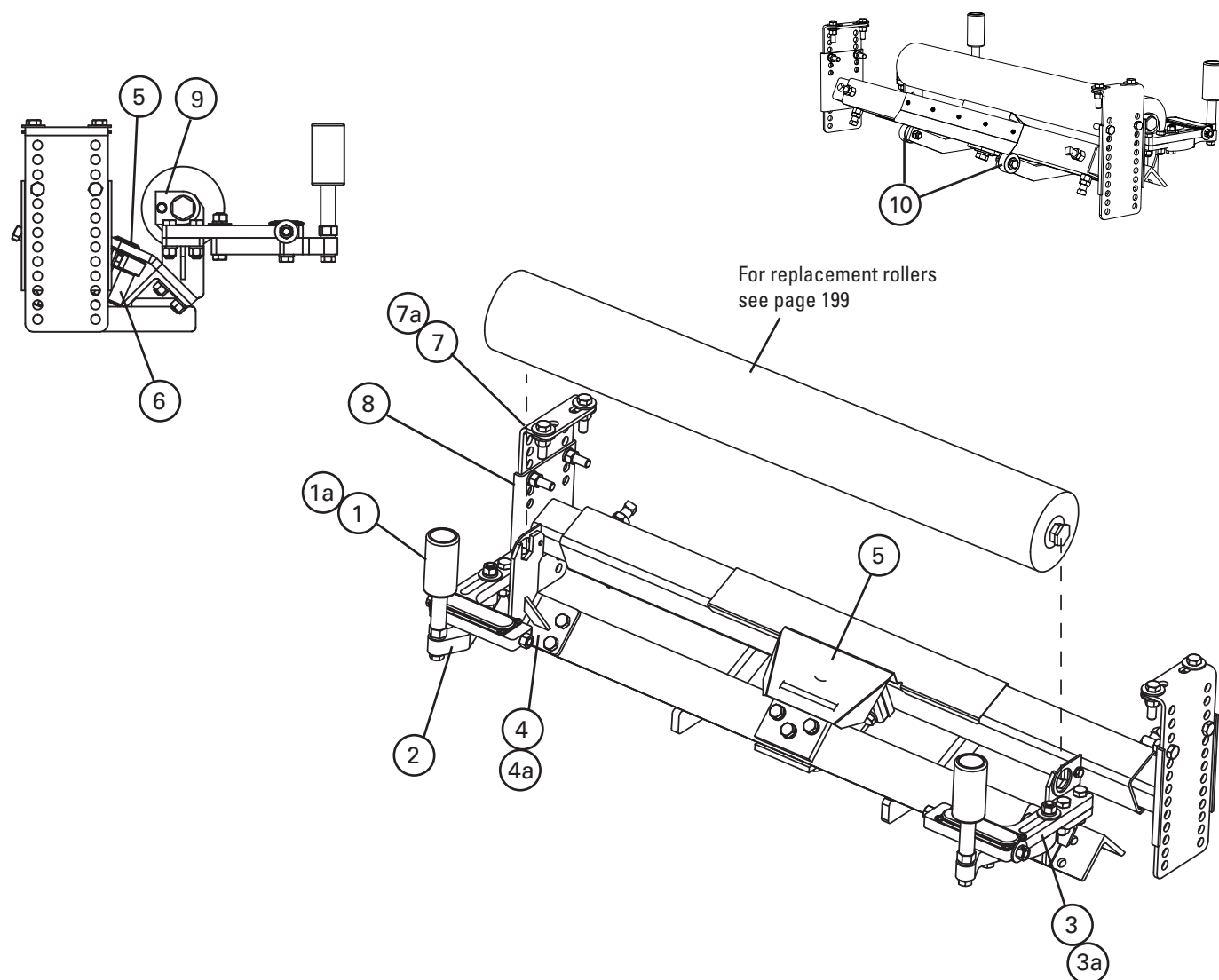
Specifications
& Guidelines

PT Smart
Belt Trainer



Replacement Parts List

**PT Smart
Belt Trainer**



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	PTS STD Sensor Roller (2")	PTS-SR	77691	1.6
1a	PTS HD Sensor Roller (3")	PTS-HDSR	77692	5.4
2	PTS Sensor Arm Kit (incl. 1 ea.)	PTS-SAK	77694	1.1
3	PTS RH Sensor Adjuster Assy	PTS-RHSAA	77755	2.1
3a	PTS LH Sensor Adjuster Assy	PTS-LHSAA	77756	2.1
4	PTS Idler Bracket Kit (incl. L & R)	PTS-IBK	77696	2.7
4a	PTS HD Idler Bracket Kit (incl. L & R)	PTS-HIBK	77697	2.8
5	PTS Pivot Shield	PTS-PS	77698	0.8
6	PTS Pivot Assy (Axle and housing)	PTS-PA	77699	3.1
7	PTS Mounting Bracket Kit	PTS-MBK	77700	4.0
7a	PTS Mounting Bracket Kit U/G	PTS-MBKUG	77701	5.2
8	PTS Extending Bracket Kit (incl. L & R)	PTS-EBK	77702	5.9
9	Roller Retainer Kit	RBPRET	73163	0.5
10	Delrin Roll Kit (2 kits plus hardware)	PTS-DRK	90100	0.7
-	Wire Mount Kit (not pictured)	PTS-WMK	78767	5.2

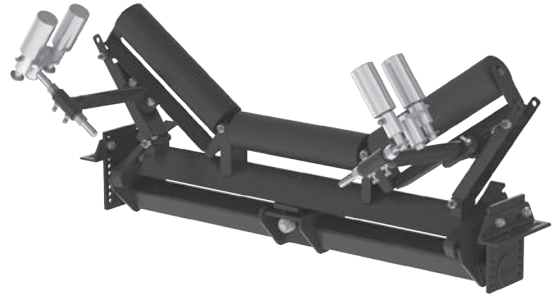
*Hardware included
Lead time: 1 working day

Product Ordering Information

PT Max™ Adjustable Belt Trainer

PT Max™ Adjustable Top Side

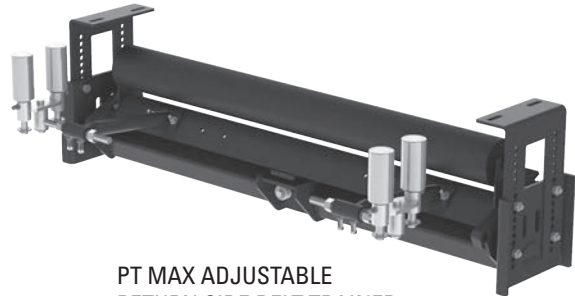
VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
	in.	mm			
Standard	36	900	PTMA36T	90362	161.0
	42	1050	PTMA42T	90363	170.1
	48	1200	PTMA48T	90364	183.7
	54	1350	PTMA54T	90365	192.8
	60	1500	PTMA60T	90366	201.8
Heavy-Duty	54	1350	PTMAHD54T	90377	229.0
	60	1500	PTMAHD60T	90378	240.4
	72	1800	PTMAHD72T	90379	276.7
	84	2100	PTMAHD84T	90380	303.9



PT MAX™ ADJUSTABLE
TOP SIDE BELT TRAINER

PT Max Adjustable Return Side

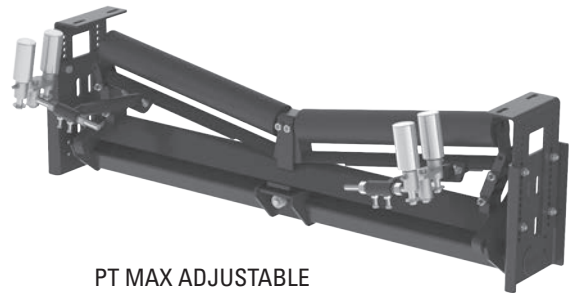
VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
	in.	mm			
Standard	36	900	PTMA36R	90367	154.2
	42	1050	PTMA42R	90368	170.1
	48	1200	PTMA48R	90369	179.2
	54	1350	PTMA54R	90370	188.2
	60	1500	PTMA60R	90371	195.0
Heavy-Duty	54	1350	PTMAHD54R	90381	235.9
	60	1500	PTMAHD60R	90382	244.9
	72	1800	PTMAHD72R	90383	279.0
	84	2100	PTMAHD84R	90384	301.6



PT MAX ADJUSTABLE
RETURN SIDE BELT TRAINER

PT Max Adjustable V-Return

VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
	in.	mm			
Standard	36	900	PTMA36VR	90372	195.0
	42	1050	PTMA42VR	90373	204.1
	48	1200	PTMA48VR	90374	215.5
	54	1350	PTMA54VR	90375	224.6
	60	1500	PTMA60VR	90376	235.9
Heavy-Duty	54	1350	PTMAHD54VR	90385	276.7
	60	1500	PTMAHD60VR	90386	288.0
	72	1800	PTMAHD72VR	90387	328.9
	84	2100	PTMAHD84VR	90388	349.3



PT MAX ADJUSTABLE
V-RETURN BELT TRAINER

	Lead time: 1 working day
	Lead time: 15 working days

Product Ordering Information

PT Max™ Belt Trainer (Mild Steel)

PT Max™ Top Side

VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
	mm	in.			
Standard	600	24	PTM24T	75583	127.0
	750	30	PTM30T	74885	133.8
	900	36	PTM36T	74886	140.6
	1050	42	PTM42T	74887	147.4
	1200	48	PTM48T	74888	154.2
	1350	54	PTM54T	74889	161.0
	1500	60	PTM60T	74890	167.8
Heavy-Duty	1350	54	PTMHD54T	74891	176.9
	1500	60	PTMHD60T	74892	186.0
	1800	72	PTMHD72T	74893	195.0
	2100	84	PTMHD84T	74894	204.1
Super-Duty	1800	72	PTMSD72T	74895	375.6
	2100	84	PTMSD84T	74896	397.7
	2400	96	PTMSD96T	74897	419.8
	3000	120	PTMSD120T	74898	464.0



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

PT Max Return Side

VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
	mm	in.			
Standard	600	24	PTM24R	75584	117.9
	750	30	PTM30R	74899	124.7
	900	36	PTM36R	74900	131.5
	1050	42	PTM42R	74901	138.3
	1200	48	PTM48R	74902	145.1
	1350	54	PTM54R	74903	152.0
	1500	60	PTM60R	74904	158.8
Heavy-Duty	1350	54	PTMHD54R	74905	165.6
	1500	60	PTMHD60R	74906	174.6
	1800	72	PTMHD72R	74907	183.7
	2100	84	PTMHD84R	74908	192.8
Super-Duty	1800	72	PTMSD72R	74909	450.3
	2100	84	PTMSD84R	74910	476.8
	2400	96	PTMSD96R	74911	503.3
	3000	120	PTMSD120R	74912	556.2



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

PT Max V-Return

VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
	mm	in.			
Standard	600	24	PTM24VR	79669	136.1
	750	30	PTM30VR	79670	142.9
	900	36	PTM36VR	79671	149.7
	1050	42	PTM42VR	79672	156.5
	1200	48	PTM48VR	79673	163.3
	1350	54	PTM54VR	79674	170.1
	1500	60	PTM60VR	79675	176.9
Heavy-Duty	1350	54	PTMHD54VR	79665	186.0
	1500	60	PTMHD60VR	79666	195.0
	1800	72	PTMHD72VR	79667	204.1
	2100	84	PTMHD84VR	79668	213.2
Super-Duty	1800	72	PTMSD72VR	90051	424.1
	2100	84	PTMSD84VR	90052	449.1
	2400	96	PTMSD96VR	90053	474.0
	3000	120	PTMSD120VR	90054	523.9



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

All items are made to order.

Lead time: 15 working days (after data sheets are approved)

Lead time: 25 working days (after data sheets are approved)

Product Ordering Information

Stainless Steel PT Max™ Belt Trainer

PT Max™ Top Side

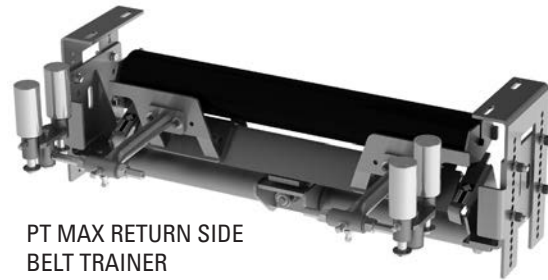
VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	mm	in.			
Standard	600	24	PTM24T-S/S	90001	137.2
	750	30	PTM30T-S/S	90002	144.5
	900	36	PTM36T-S/S	90003	151.9
	1050	42	PTM42T-S/S	90004	159.2
	1200	48	PTM48T-S/S	90005	166.6
	1350	54	PTM54T-S/S	90006	173.9
	1500	60	PTM60T-S/S	90007	181.3
Heavy-Duty	1350	54	PTMHD54T-S/S	90008	191.1
	1500	60	PTMHD60T-S/S	90009	200.9
	1800	72	PTMHD72T-S/S	90010	210.6
	2100	84	PTMHD84T-S/S	90011	220.4
Super-Duty	1800	72	PTMSD72T-S/S	90034	405.6
	2100	84	PTMSD84T-S/S	90035	429.5
	2400	96	PTMSD96T-S/S	90036	453.4
	3000	120	PTMSD120T-S/S	90037	501.1



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

PT Max Return Side

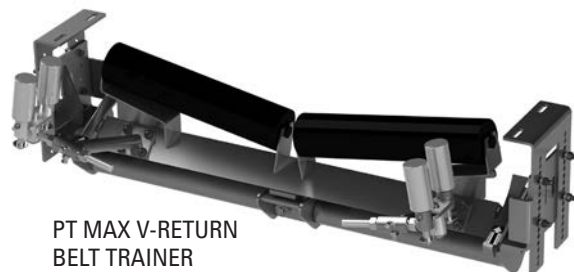
VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	mm	in.			
Standard	600	24	PTM24R-S/S	90012	161.7
	750	30	PTM30R-S/S	90013	166.6
	900	36	PTM36R-S/S	90014	171.5
	1050	42	PTM42R-S/S	90015	181.3
	1200	48	PTM48R-S/S	90016	186.2
	1350	54	PTM54R-S/S	90017	196.0
	1500	60	PTM60R-S/S	90018	205.7
Heavy-Duty	1350	54	PTMHD54R-S/S	90019	249.8
	1500	60	PTMHD60R-S/S	90020	254.7
	1800	72	PTMHD72R-S/S	90021	284.1
	2100	84	PTMHD84R-S/S	90022	298.8
Super-Duty	1800	72	PTMSD72R-S/S	90038	486.3
	2100	84	PTMSD84R-S/S	90039	514.9
	2400	96	PTMSD96R-S/S	90040	543.5
	3000	120	PTMSD120R-S/S	90041	600.7



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

PT Max V-Return

VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	mm	in.			
Standard	600	24	PTM24VR-S/S	90023	151.9
	750	30	PTM30VR-S/S	90024	156.8
	900	36	PTM36VR-S/S	90025	161.7
	1050	42	PTM42VR-S/S	90026	171.5
	1200	48	PTM48VR-S/S	90027	176.4
	1350	54	PTM54VR-S/S	90028	181.3
	1500	60	PTM60VR-S/S	90029	191.1
Heavy-Duty	1350	54	PTMHD54VR-S/S	90030	230.2
	1500	60	PTMHD60VR-S/S	90031	235.1
	1800	72	PTMHD72VR-S/S	90032	274.3
	2100	84	PTMHD84VR-S/S	90033	293.9
Super-Duty	1800	72	PTMSD72VR-S/S	90042	458.0
	2100	84	PTMSD84VR-S/S	90043	485.0
	2400	96	PTMSD96VR-S/S	90044	511.9
	3000	120	PTMSD120VR-S/S	90045	565.8



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

All items are made to order.

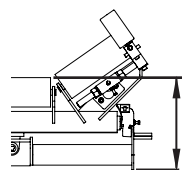
Lead time: 25 working days (after data sheets are approved)

Specifications & Guidelines

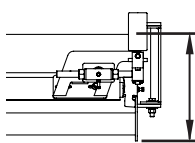
PT Max
Belt Trainer

Top of Roller to Bottom of PT Max Minimum Clearance Needed

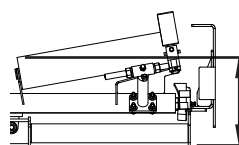
ROLL DIAMETER		TOPSIDE						RETURN SIDE						V-RETURN					
		Standard		Heavy-Duty		Super-Duty		Standard		Heavy-Duty		Super-Duty		Standard		Heavy-Duty		Super-Duty	
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
127	5	406	16	432	17	570	22.25	432	17	457	18	580	22.75	406	16	432	17	570	22.25
152	6	432	17	457	18	590	23.25	457	18	483	19	600	23.75	432	17	457	18	590	23.25
178	7	457	18	483	19	620	24.25	483	19	508	20	630	24.75	457	18	483	19	620	24.25



Topside Clearance



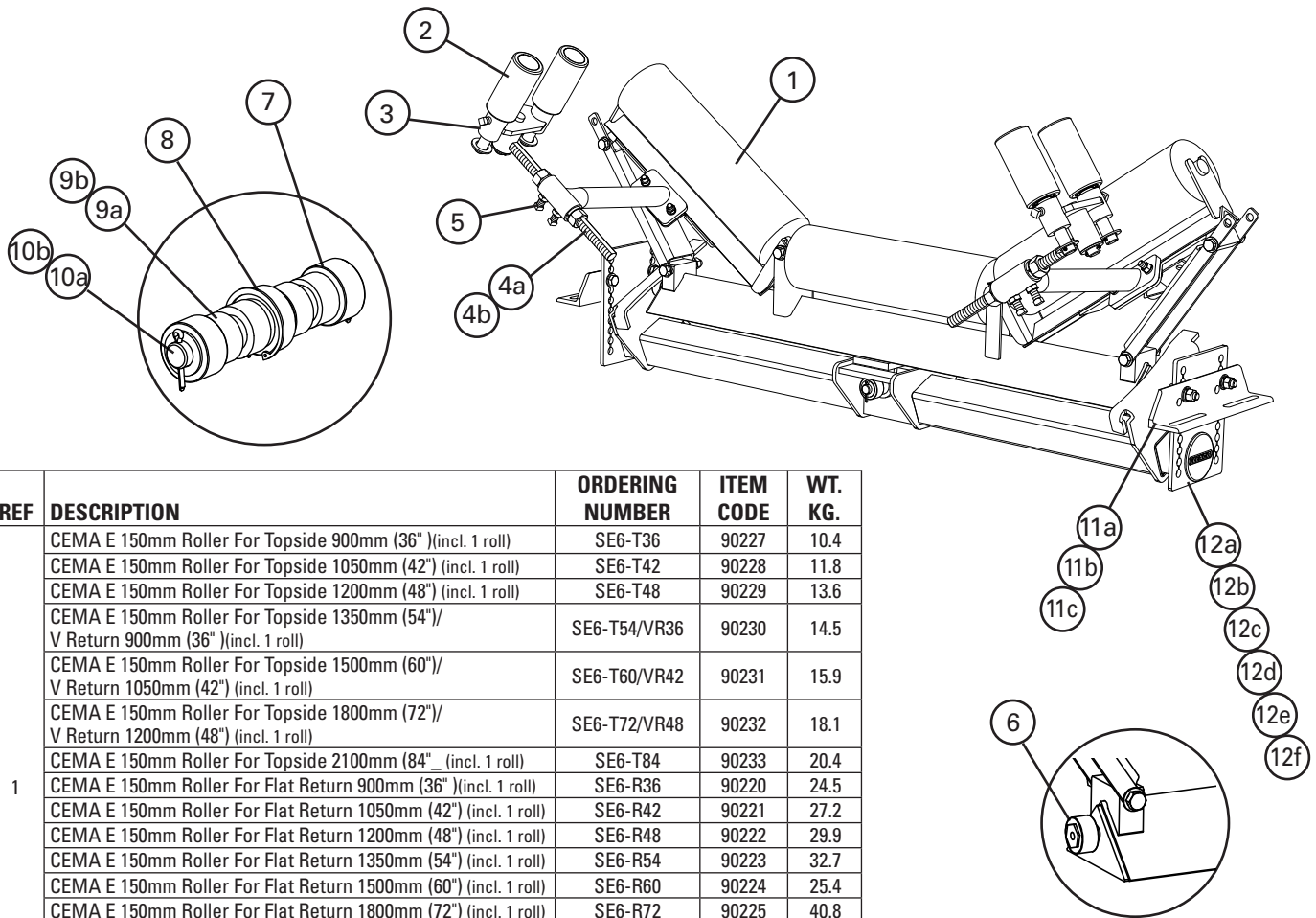
Return Side Clearance



V-Return Clearance

Replacement Parts List

PT Max™ Adjustable Belt Trainer

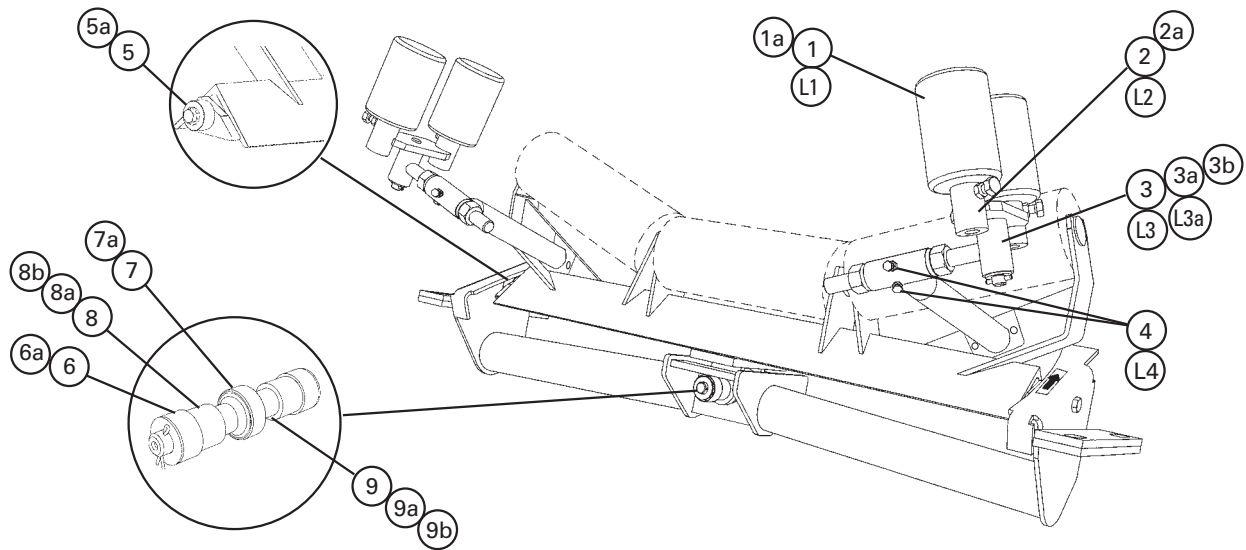


REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	CEMA E 150mm Roller For Topside 900mm (36") (incl. 1 roll)	SE6-T36	90227	10.4
	CEMA E 150mm Roller For Topside 1050mm (42") (incl. 1 roll)	SE6-T42	90228	11.8
	CEMA E 150mm Roller For Topside 1200mm (48") (incl. 1 roll)	SE6-T48	90229	13.6
	CEMA E 150mm Roller For Topside 1350mm (54")/ V Return 900mm (36") (incl. 1 roll)	SE6-T54/VR36	90230	14.5
	CEMA E 150mm Roller For Topside 1500mm (60")/ V Return 1050mm (42") (incl. 1 roll)	SE6-T60/VR42	90231	15.9
	CEMA E 150mm Roller For Topside 1800mm (72")/ V Return 1200mm (48") (incl. 1 roll)	SE6-T72/VR48	90232	18.1
	CEMA E 150mm Roller For Topside 2100mm (84") (incl. 1 roll)	SE6-T84	90233	20.4
	CEMA E 150mm Roller For Flat Return 900mm (36") (incl. 1 roll)	SE6-R36	90220	24.5
	CEMA E 150mm Roller For Flat Return 1050mm (42") (incl. 1 roll)	SE6-R42	90221	27.2
	CEMA E 150mm Roller For Flat Return 1200mm (48") (incl. 1 roll)	SE6-R48	90222	29.9
	CEMA E 150mm Roller For Flat Return 1350mm (54") (incl. 1 roll)	SE6-R54	90223	32.7
	CEMA E 150mm Roller For Flat Return 1500mm (60") (incl. 1 roll)	SE6-R60	90224	25.4
	CEMA E 150mm Roller For Flat Return 1800mm (72") (incl. 1 roll)	SE6-R72	90225	40.8
	CEMA E 150mm Roller For Flat Return 2100mm (84") (incl. 1 roll)	SE6-R84	90226	46.3
	CEMA E 150mm Roller For V Return 1350mm (54") (incl. 1 roll)	SE6-VR54	90234	19.5
	CEMA E 150mm Roller For V Return 1500mm (60") (incl. 1 roll)	SE6-VR60	90235	21.3
	CEMA E 150mm Roller For V Return 1800mm (72") (incl. 1 roll)	SE6-VR72	90236	24.5
	CEMA E 150mm Roller For V Return 2100mm (84") (incl. 1 roll)	SE6-VR84	90319	25.9
2	Sensor Roller 2.0* (75mm/3" solid roller)(1 ea.)	MSR2	79378	3.2
3	Swivel Mount Kit 2.0*	PMSMK2	79380	2.5
4a	PT Max Adjusting Arm Kit	PTMAAK	90194	2.7
4b	PT Max Adjusting Arm Kit Heavy Duty	PTMAAKHD	90195	4.1
5	Frame Arm Screw Kit (incl. 4 screws and 4 jam nuts)	PTMAFASK	90196	0.5
6	Outer Roller Kit (incl. 2 rollers, roller thimbles, and bolts, nuts, and washers)	PTMAORK	90197	0.5
7	Center Roller Kit (incl. 2 rollers, 2 washers, and 2 cotter pins)	MCRK	74923	0.5
8	Center Bearing	MCB	74925	0.8
9a	Center Shaft Spacer Kit (incl. 2 spacers)	MCSK	74927	0.1
9b	Center Shaft Spacer Kit Heavy Duty (incl. 2 spacers)	MCSKHD	74928	0.2
10a	Center Shaft	MCS	74930	1.8
10b	Center Shaft Heavy Duty	MCSHD	74931	5.9
11a	Frame Mount Kit Topside	PTMAFMKT	90185	6.6
11b	Frame Mount Kit Flat/V Return	PTMAFMKR	90186	19.0
11c	Frame Mount Kit Flat/V Return Heavy Duty	PTMAFMKHDR	90187	22.4
12a	Extender Kit Topside	PTMAEKT	90188	15.4
12b	Extender Kit Topside Heavy Duty	PTMAEKHDT	90191	22.6
12c	Extender Kit Flat Return	PTMAEKR	90189	25.9
12d	Extender Kit Flat Return Heavy Duty	PTMAEKHDR	90192	39.2
12e	Extender Kit V Return	PTMAEKVR	90190	34.5
12f	Extender Kit V Return Heavy Duty	PTMAEKHDVR	90193	50.8
-	Center Bearing Kit (incl. 1 ea. Items 7, 8, 9a, and 10a)	MCBK	76025	3.6
-	Center Bearing Kit Heavy Duty (incl. 1 ea. Items 7, 8, 9b, and 10b)	MCBKHD	76026	7.7

*Hardware included Lead time: 1 working day

Replacement Parts List

PT Max™
Belt Trainer (Mild Steel)



Replacement Parts

REF	DESCRIPTION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.	
		mm	in.				
1	Sensor Roller 2.0* (3" solid roller) (1 ea.)	750-2100	30-84	MSR2	79378	3.2	For PT Max Units Shipped after March 17, 2014 ONLY. See below for legacy replacement parts.
1a	Sensor Roller Super Duty* (1 ea.)	1800-3000	72-120	MSRSD	75587	4.5	
2	Swivel Mount Kit 2.0*	750-2100	30-84	PMSMK2	79380	2.5	
2a	Swivel Mount Kit Super Duty*	1800-3000	72-120	PMSMKSD	74917	3.4	
3	Adjusting Arm Kit 2.0*	750-1500	30-60	MAK2	79381	3.6	
3a	Adjusting Arm Kit Heavy Duty 2.0*	1350-2100	54-84	MAKHD2	79382	6.7	
3b	Adjusting Arm Kit Super Duty*	1800-3000	72-120	MAKSD	74920	9.5	
4	Frame Arm Set Screw Kit HD (incl. 2 set screws and 2 jam nuts)	750-3000	30-120	MFASKHD	79571	0.4	
5	Outer Roller Kit* (incl. 2 rollers, roller thimbles and bolts, nuts and washers)	750-2100	30-84	MORK	74921	1.2	
5a	Outer Roller Kit Super Duty* (incl. 2 rollers, roller thimbles and bolts, nuts and washers)	1800-3000	72-120	MORKSD	74922	1.8	
6	Center Roller Kit* (incl. 2 rollers, 2 washers, and 2 cotter pins)	750-2100	30-84	MCRK	74923	0.5	
6a	Center Roller Kit Super Duty* (incl. 2 rollers, 2 washers, and 2 cotter pins)	1800-3000	72-120	MCRKSD	74924	0.8	
7	Center Bearing*	750-2100	30-84	MCB	74925	0.8	
7a	Center Bearing Super Duty*	1800-3000	72-120	MCBSD	74926	1.4	
8	Center Shaft Spacer Kit (incl. 2 spacers)	750-1500	30-60	MCSK	74927	0.1	
8a	Center Shaft Spacer Kit Heavy Duty (incl. 2 spacers)	1350-2100	54-84	MCSKHD	74928	0.2	
8b	Center Shaft Spacer Kit Super Duty (incl. 2 spacers)	1800-3000	72-120	MCSKSD	74929	1.1	
9	Center Shaft	750-1500	30-60	MCS	74930	1.8	
9a	Center Shaft Heavy Duty	1350-2100	54-84	MCSHD	74931	5.9	
9b	Center Shaft Super Duty	1800-3000	72-120	MCSSD	74932	6.6	
-	Center Bearing Kit (incl. 1 ea. items 6, 7, 8, 9)	750-1500	30-60	MCBK	76025	3.6	
-	Center Bearing Kit Heavy Duty (incl. 1 ea. items 6, 7, 8a, 9a)	1350-2100	54-84	MCBKHD	76026	7.7	
-	Center Bearing Kit Super Duty (incl. 1 ea. items 6a, 7a, 8b, 9b)	1800-3000	72-120	MCBKSD	76027	8.6	

*Hardware included Shaded items are made to order.

Lead time: 1 working day

Lead time: 15 working days

Note: All replacement parts offered are common to all three PT Max models: Top Side, Return Side, and V-Return.

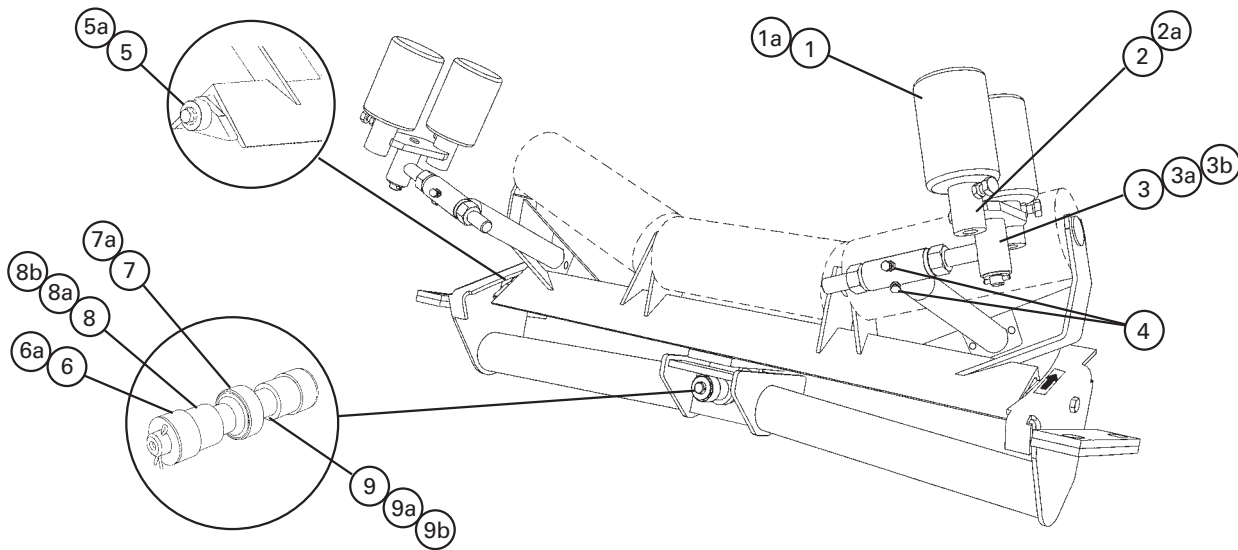
Legacy Replacement Parts - For PT Max Units Shipped Prior to March 17, 2014

REF	DESCRIPTION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
		mm	in.			
L1	Sensor Roller* (3" solid roller) (1 ea.)	750-2100	30-84	MSR	74914	3.2
L2	Swivel Mount Kit*	750-2100	30-84	PMSMK	74916	2.5
L3	Adjusting Arm Kit*	750-1500	30-60	MAK	74918	3.6
L3a	HD Adjusting Arm Kit*	1350-2100	54-84	MAKHD	74919	6.7
L4	Frame Arm Set Screw Kit (incl. 2 set screws and 2 jam nuts)	750-3000	30-120	MFASK	75531	0.4

*Hardware included
Lead time: 1 working day

Replacement Parts List

Stainless Steel PT Max™ Belt Trainer



Replacement Parts

REF	DESCRIPTION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
		mm	in.			
1	Sensor Roller 2.0* (3" solid roller) (1 ea.)	750-2100	30-84	MSR-S/S	90046	3.4
1a	Sensor Roller Super Duty	1800-3000	72-120	MSRSD-S/S	90055	4.9
2	Swivel Mount Kit 2.0*	750-2100	30-84	PMSMK-S/S	90047	2.7
2a	Swivel Mount Kit Super Duty*	1800-3000	72-120	PMSMKSD-S/S	90056	3.7
3	Adjusting Arm Kit 2.0*	750-1500	30-60	MAK-S/S	90048	3.9
3a	Adjusting Arm Kit Heavy Duty 2.0*	1350-2100	54-84	MAKHD-S/S	90049	7.2
3b	Adjusting Arm Kit Super Duty*	1800-3000	72-120	MAKSD-S/S	90057	10.3
4	Frame Arm Set Screw Kit HD (incl. 2 set screws and 2 jam nuts)	750-3000	30-120	MFASK-S/S	90050	0.4
5	Outer Roller Kit* (incl. 2 rollers, roller thimbles and bolts, nuts and washers)	750-2100	30-84	MORK	74921	1.2
5a	Outer Roller Kit Super Duty* (incl. 2 rollers, roller thimbles and bolts, nuts and washers)	1800-3000	72-120	MORKSD	74922	1.8
6	Center Roller Kit* (incl. 2 rollers, 2 washers, and 2 cotter pins)	750-2100	30-84	MCRK	74923	0.5
6a	Center Roller Kit Super Duty* (incl. 2 rollers, 2 washers, and 2 cotter pins)	1800-3000	72-120	MCRKSD	74924	0.8
7	Center Bearing*	750-2100	30-84	MCB	74925	0.8
7a	Center Bearing Super Duty*	1800-3000	72-120	MCBSD	74926	1.4
8	Center Shaft Spacer Kit (incl. 2 spacers)	750-1500	30-60	MCSK	74927	0.1
8a	Center Shaft Spacer Kit Heavy Duty (incl. 2 spacers)	1350-2100	54-84	MCSKHD	74928	0.2
8b	Center Shaft Spacer Kit Super Duty (incl. 2 spacers)	1800-3000	72-120	MCSKSD	74929	1.1
9	Center Shaft	750-1500	30-60	MCS	74930	1.8
9a	Center Shaft Heavy Duty	1350-2100	54-84	MCSHD	74931	5.9
9b	Center Shaft Super Duty	1800-3000	72-120	MCSSD	74932	6.6
-	Center Bearing Kit (incl. 1 ea. items 6, 7, 8, 9)	750-1500	30-60	MCBK	76025	3.6
-	Center Bearing Kit Heavy Duty (incl. 1 ea. items 6, 7, 8a, 9a)	1350-2100	54-84	MCBKHD	76026	7.7
-	Center Bearing Kit Super Duty (incl. 1 ea. items 6a, 7a, 8b, 9b)	1800-3000	72-120	MCBKSD	76027	8.6

*Hardware included

Shaded items are made to order.

Lead time: 1 working day

Lead time: 15 working days

Note: All replacement parts offered are common to all three PT Max models: Top Side, Return Side, and V-Return.

Product Ordering Information

Standard Urethane Skirting

Standard Urethane Skirting with 35° Chamfer* - 7.6 M (25')

Height		Thickness		Length		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in	mm	in	m	ft			
100	4	10	3/8	7.6	25	SKPU-4X3/8X25	91288	9.6
100	4	12	1/2	7.6	25	SKPU-4X1/2X25	91289	12.8
100	4	16	5/8	7.6	25	SKPU-4X5/8X25	91290	16.0
100	4	19	3/4	7.6	25	SKPU-4X3/4X25	91291	19.2
100	4	25	1	7.6	25	SKPU-4X1X25	91292	25.6
150	6	10	3/8	7.6	25	SKPU-6X3/8X25	91298	14.4
150	6	12	1/2	7.6	25	SKPU-6x1/2x25	90283	8.2
150	6	16	5/8	7.6	25	SKPU-6X5/8X25	91299	24.0
150	6	20	25/32	7.6	25	SKPU-6x3/4x25	90284	12.4
150	6	25	1	7.6	25	SKPU-6X1X25	91300	38.4
200	8	10	3/8	7.6	25	SKPU-8X3/8X35	91304	19.2
200	8	12	1/2	7.6	25	SKPU-6x1/2x25	90285	12.0
200	8	16	5/8	7.6	25	SKPU-8X5/8X35	91305	32.0
200	8	20	25/32	7.6	25	SKPU-6x3/4x25	90286	18.1
200	8	25	1	7.6	25	SKPU-8X1X25	91306	51.2
250	10	10	3/8	7.6	25	SKPU-10X3/8X25	91310	24.0
250	10	12	1/2	7.6	25	SKPU-10X1/2X25	91311	32.0
250	10	16	5/8	7.6	25	SKPU-10X5/8X25	91312	40.0
250	10	19	3/4	7.6	25	SKPU-10X3/4X25	91313	48.0
250	10	25	1	7.6	25	SKPU-10X1X25	91314	64.0
300	12	10	3/8	7.6	25	SKPU-12X3/8X25	91320	28.8
300	12	12	1/2	7.6	25	SKPU-12X1/2X25	91321	38.4
300	12	16	5/8	7.6	25	SKPU-12X5/8X25	91322	48.0
300	12	19	3/4	7.6	25	SKPU-12X3/4X25	91323	57.6
300	12	25	1	7.6	25	SKPU-12X1X35	91234	76.7

Standard Urethane Skirting with 35° Chamfer* - 15.2 M (50')

Height		Thickness		Length		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in	mm	in	m	ft			
100	4	10	3/8	15.2	50	SKPU-4X3/8X50	91293	19.2
100	4	12	1/2	15.2	50	SKPU-4X1/2X50	91294	25.6
100	4	16	5/8	15.2	50	SKPU-4X5/8X50	91295	32.0
100	4	19	3/4	15.2	50	SKPU-4X3/4X50	91296	38.4
100	4	25	1	15.2	50	SKPU-4X1X50	91297	51.2
150	6	10	3/8	15.2	50	SKPU-6X3/8X50	91301	28.8
150	6	12	1/2	15.2	50	SKPU-6X1/2X50	91222	38.4
150	6	16	5/8	15.2	50	SKPU-6X5/8X50	91302	48.0
150	6	19	3/4	15.2	50	SKPU-6X3/4X50	91223	57.6
150	6	25	1	15.2	50	SKPU-6X1X50	91303	76.7
200	8	10	3/8	15.2	50	SKPU-8X3/8X50	91307	38.4
200	8	12	1/2	15.2	50	SKPU-8X1/2X50	91224	51.2
200	8	16	5/8	15.2	50	SKPU-8X5/8X50	91308	64.0
200	8	19	3/4	15.2	50	SKPU-8X3/4X50	91225	76.7
200	8	25	1	15.2	50	SKPU-8X1X50	91309	102.3
250	10	10	3/8	15.2	50	SKPU-10X3/8X50	91315	48.0
250	10	12	1/2	15.2	50	SKPU-10X1/2X50	91316	64.0
250	10	16	5/8	15.2	50	SKPU-10X5/8X50	91317	80.0
250	10	19	3/4	15.2	50	SKPU-10X3/4X50	91318	96.0
250	10	25	1	15.2	50	SKPU-10X1X50	91319	127.9
300	12	10	3/8	15.2	50	SKPU-12X3/8X50	91325	57.6
300	12	12	1/2	15.2	50	SKPU-12X1/2X50	91326	76.7
300	12	16	5/8	15.2	50	SKPUT-12X5/8X50	91327	95.9
300	12	19	3/4	15.2	50	SKPU-12X3/4/50	91328	115.1
300	12	25	1	15.2	50	SKPU-12X1X50	91329	153.5

*Please contact Flexco for pricing and availability



Product Notes:

- Urethane skirting offers a more wear-resistant material than typical rubber, often providing as much as 3-4 times the wear life in similar applications. The lower coefficient of friction reduces strain on the system.
- Works with Flexco series of skirt clamps that offer simple serviceability: RMC1/ PAL-Pak, Flex-Lok, and Flex-Seal.
- Uses soft durometer (65A) urethane with exceptional tear resistance to ensure a good seal and long belt life.
- 7.6M (25') roll size ensures easy transportation, while the 35° chamfer eliminates typical skirting break-in period.
- Suitable for most applications: single direction or reversing belts, wet or dry conditions, old or new belts, vulcanised or mechanically-spliced systems.
- Rated for temperatures from -30°C to 82°C (-20°F to 180°F)

 Stock items (non-shaded) refer to (*) for specific lead time, if not specified, standard lead time applies.

 Non-stock items (shaded) please contact Flexco for dispatch options and lead times.

Product Ordering Information

RMC1 Skirt Clamps

RMC1 Skirt Clamps*

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Skirt Clamp	CRMC1	81980	5.3
LS Skirt Clamp	CRMC1-LS	81981	4.7
Skirt Clamp Bulk‡	RMC1-BULK	75833	5.3

*Includes two clamp plates (Standard or LS - Limited Space), two clamp pins, and one 1.2M (4') clamp bar.
‡ Minimum order of 50 pieces for Bulk Pack pricing.
Skirt board and rubber not included.
Skirt Rubber Thickness Range: 8mm to 19mm (5/16" to 3/4").
Lead time: 1 working day



RMC1 Skirt Clamp (Standard)



Anti-Vibration Clamp Pins

PAL PAKs

The Pick-A-Length (PAL) PAK contains 2 clamp plates and 2 clamp pins. You supply the clamp bar (25mm x 25mm x 3mm) (1" x 1" x 1/8") angle to your required length.

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

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
PAL PAK	CRMC1-PP	81982	3.0
LS PAL PAK	CRMC1-LS	81981	2.4
Bolt-On PAL PAK	CRMC1-BPP	81984	2.9
Bolt-On LS PAL PAK	CRMC1-LSBPP	81985	2.4

Lead time: 1 working day



PAL PAK (Standard)

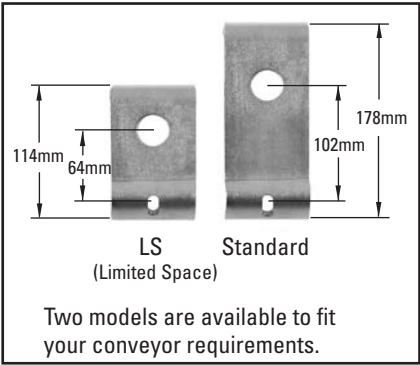


Bolt-On PAL PAK (Standard)

Replacement Parts

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Clamp Pin	RMC1-CP	75819	0.5
Bolt-On Clamp Pin	RMC1-BCP	76414	0.5
Clamp Plate	RMC1-PL	75821	1.0
LS Clamp Plate	RMC1LS-PL	75835	0.7
Clamp Bar	RMC1-CB	75820	1.8

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 2M (6.6') clamp runner, 4 clamp plates, 4 clamp pins and one 2M (6.6') restraining bar.

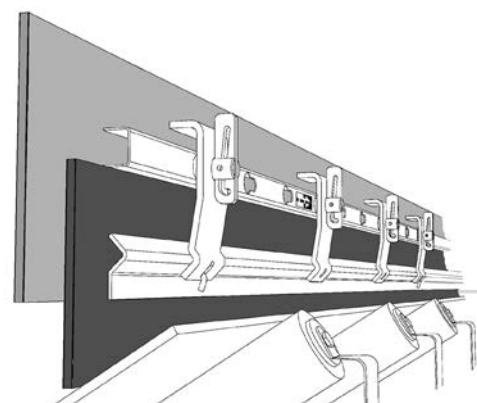
Skirt board and rubber not included.

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Skirt Clamp	FLSC-I	71053	14.1
Skirt Clamp Bulk ‡	FLSC-I-BULK	71054	14.1
REPLACEMENT PARTS			
Clamp Runner - 2M (6.6 ft.)	FL-RPI	71059	3.3
Clamp Pin	FL-CP-I	71141	0.9
Restraining Bar - 2M (6.6 ft.)	FL-RBI	71061	5.1

‡ Minimum order of 50 pieces for Bulk Pack pricing.

Skirt Rubber Thickness Range: 8 - 25mm (5/16" - 1")

Lead time: 1 working day



Standard

Mini Flex-Lok™ Skirt Clamp

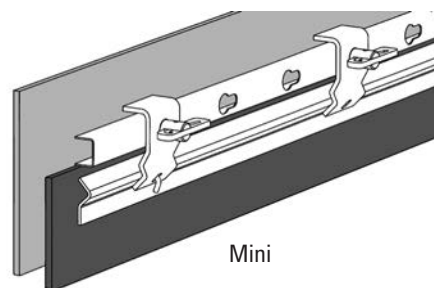
One Mini Skirt Clamp includes one 1.8M (6') clamp runner, 3 mini clamp plates, 3 clamp pins and one 1.8M (6') restraining bar. Skirt board and rubber not included.

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Mini Skirt Clamp	FLSCM-I	71055	12.5
Mini Skirt Clamp Bulk ‡	FLSCM-I-BULK	71100	12.5
REPLACEMENT PARTS			
Clamp Runner - 1.8M (6 ft.)	FL-RPI	71058	3.3
Mini Clamp Plate	FLM-PC	71140	0.7
Clamp Pin	FL-CP-I	71141	0.9
Restraining Bar - 1.8M (6 ft.)	FL-RBI	71060	5.1

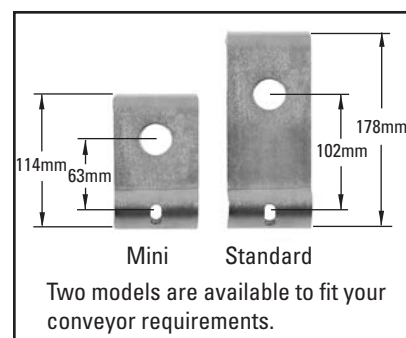
‡ Minimum order of 50 pieces for Bulk Pack pricing.

Skirt Rubber Thickness Range: 8 - 16mm (5/16" - 5/8")

Lead time: 1 working day



Mini



Stainless Steel* Flex-Lok™ Skirt Clamp

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

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
SS Skirt Clamp	FLSC-ISS	75778	11.3
REPLACEMENT PARTS			
SS Clamp Plate	FL-PC-ISS	71168	0.9
Clamp Pin	FL-CP-ISS	71164	0.9

Lead time: 1 working day



Anti-Vibration Clamp Pins
(Standard)

SERVICE MAINTENANCE

- Inspection - Periodically inspect the clearance between the skirt rubber and the belt. If this gap is more than 6mm (1/4") 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.

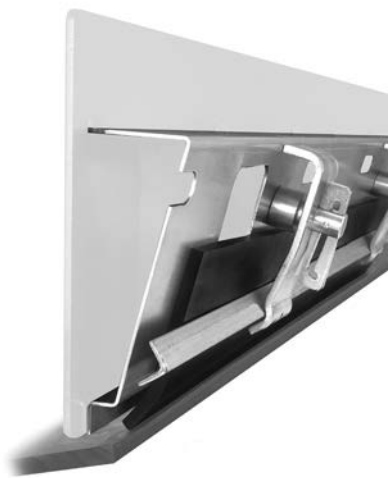
Product Ordering Information

Flex-Seal™ Skirt System

Flex-Seal™ Skirt System*

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Flex-Seal Skirt System	RMC2-FS-1	76558	13.4
Flex-Seal Skirt System Bulk ‡	RMC2	77330	13.4

‡ Minimum order of 50 pieces for Bulk Pack pricing.
*Includes angle plate, one Bolt-On PAL PAK, and one 1.2M (4') clamp bar.
Skirt board and rubber not included.
Skirt Rubber Thickness Range: 8mm to 19mm (5/16" to 3/4").
Lead time: 1 working day



Replacement Parts

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Angle Plate	CRMC2-SSAPK	81996	8.6
Bolt-On PAL PAK*	CRMC1-BPP	81984	2.9
Clamp Bar	CRMC1-CB	81990	1.8

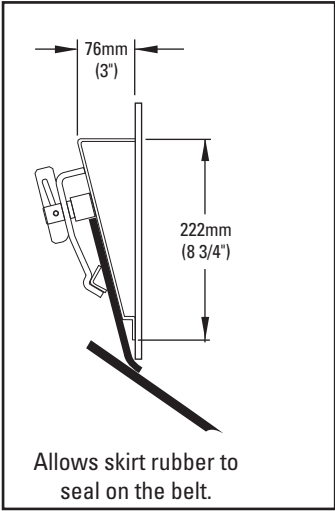
*Includes two bolt-on clamp pins and two clamp plates.
Lead time: 1 working day



Bolt-On PAL PAK

Specifications

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



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

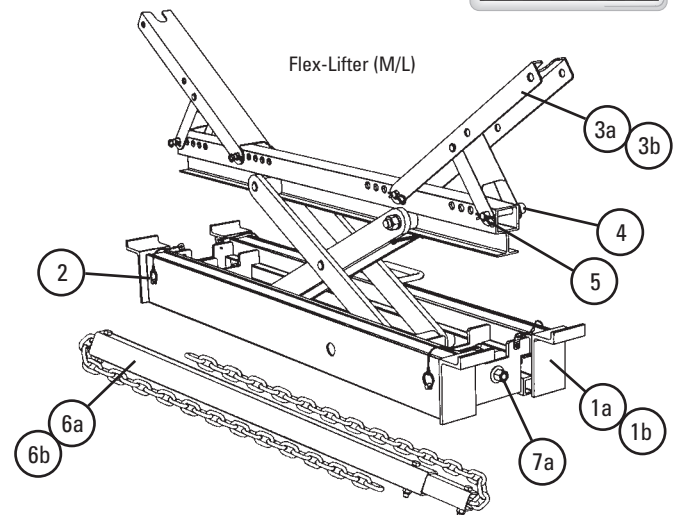


Flex-Lifter™ Conveyor Belt Lifter

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

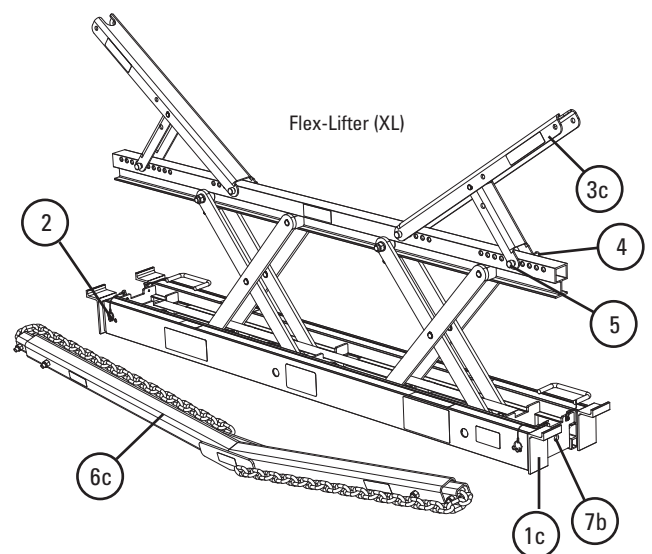
DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Medium Flex-Lifter 900 - 1500 mm (36" - 60") incl. return bar	FL-M	76469	39.5
Large Flex-Lifter 1200 - 1800 mm (48" - 72") incl. return bar	FL-L	76470	54.9
XL Flex-Lifter 1800 - 2400 mm (72" - 96") does not incl. return bar	FL-XL	76983	68.9
Flex-Lifter Cart	FLCK	77729	9.1

Lifts troughed or flat belts.
Lead time: 1 working day



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1a	Extension Leg - Medium	FLEL-M	76472	1.4
1b	Extension Leg - Large	FLEL-L	76473	1.7
1c	Extension Leg Kit- XL (includes 2 ext. legs)	FLELK-XL	76986	5.9
2	Extension Leg Pin (with lanyard)	FLELP	76474	0.04
3a	Trough Wing - Medium (with brace)	FTW-M	76476	0.5
3b	Trough Wing - Large (with brace)	FTW-L	76477	0.7
3c	Trough Wing - XL (with brace)	FTW-XL	76985	1.9
4	Retainer Pin Pack (includes 4 pins)	FLRP	76478	0.5
5	Retainer Clip Pack (includes 4 clips)	FLCP	76479	0.04
6a	Return Lift Bar - Medium	FLRLB-M	76482	8.3
6b	Return Lift Bar - Large	FLRLB-L	76481	18.1
6c	V-Return Lift Bar - XL	FLVRL-XL	76984	28.6
7a	Shear Pin Kits - Medium/Large	FL-PKIT-ML	77250	0.1
7b	Shear Pin Kits - XL	FL-PKIT-XL	77251	0.2

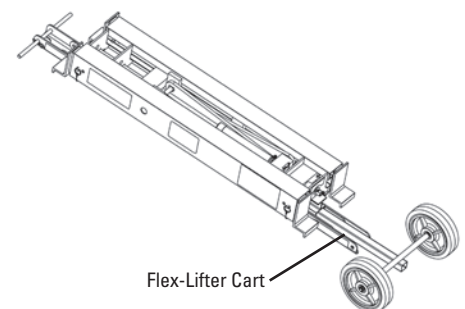


Safe Lifting Capacity

Height		Max. Weight			
		Medium/Large		XL	
mm	in.	kg.	lbs.	kg.	lbs.
0-25	0-1	225	500	500	1100
25-50	1-2	450	1000	815	1800
50-75	2-3	675	1500	1140	2500
75-100	3-4	900	2000	1450	3200
100-125	4-5	1150	2500	1680	3700
125-150	5-6	1350	3000	2090	4600
150-175	6-7	1600	3500	2400	5300
>175	>7	1800	4000	2725	6000

Aluminum Content Flex-Lifter

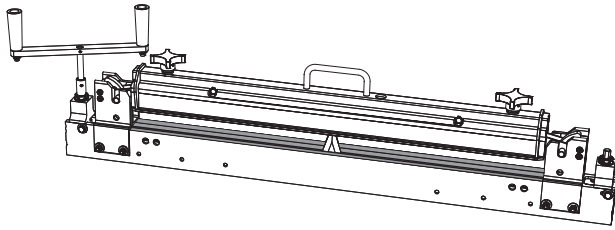
ALUMINUM ALLOY TYPE	PERCENT	
	Mg Magnesium	Ti Titanium
4043	0.05%	0.2%
5356	5.5%	0.2%
6005	0.6%	0.1%
6061	1.0%	0.0%
6063	0.7%	0.0%
7075	2.5%	0.0%



U.S. Patent No. 7,810,788

Product Ordering Information

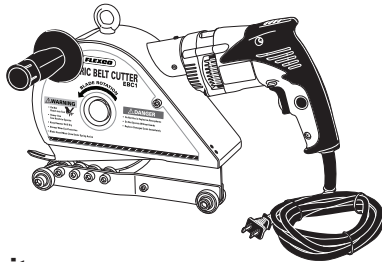
Flexco® Belt Maintenance Tools Belt Cutters and Clamps



900 Series* Belt Cutter

DESCRIPTION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
	mm	in.			
Cutter Complete for belts up to 38mm (1.5")	600	24	900924	04200	15.4
	900	36	900936	04143	17.9
	1200	48	900948	04144	21.8
	1500	60	900960	04145	24.5
* Patent Pending	1800	72	900972	04146	27.4
	2130	84	900984	04147	39.0
Replacement Blade Kit			900CBK	04149	0.1
Drive Handle Assembly				04140	0.9

Lead time: 1 working day



Cutting Capacity

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

Far-Pul® HD® Belt Clamps

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

DESCRIPTION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
	mm	in.			
Belt Clamp Complete includes: 4 Belt Clamp Bars and 4 Belt Clamp Scissors	Up to 750	Up to 30	LSHD30	30393	35.8
	Up to 900	Up to 36	LSHD36	30394	39.5
	Up to 1050	Up to 42	LSHD42	30395	41.3
	Up to 1200	Up to 48	LSHD48	30396	44.5
	Up to 1350	Up to 54	LSHD54	30397	46.7
	Up to 1500	Up to 60	LSHD60	30398	49.9
	Up to 1800	Up to 72	LSHD72	30399	54.9
750mm Belt Clamp Bar Set*	Up to 750	Up to 30	LSHDB30-2	30418	9.1
900mm Belt Clamp Bar Set*	Up to 900	Up to 36	LSHDB36-2	30414	10.4
1050mm Belt Clamp Bar Set*	Up to 1050	Up to 42	LSHDB42-2	30421	11.8
1200mm Belt Clamp Bar Set*	Up to 1200	Up to 48	LSHDB48-2	30423	13.6
1350mm Belt Clamp Bar Set*	Up to 1350	Up to 54	LSHDB54-2	30424	15.0
1500mm Belt Clamp Bar Set*	Up to 1500	Up to 60	LSHDB60-2	30430	16.3
1800mm Belt Clamp Bar Set*	Up to 1800	Up to 72	LSHDB72-2	30408	18.1
Steel Belt Clamp Scissor - Each			LSHDS	30392	4.8
Belt Locator Pin - includes Washer and Locking Nut			LSHDLP	30400	0.1
Retaining Pin Kit			LSHD-RPK	30390	0.9
Clamp Bar Screw			LSHDCBS	30373	0.5

*Includes 2 Bars per Set
Lead time: 1 working day

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

Aluminum Content 900 Series Belt Cutter

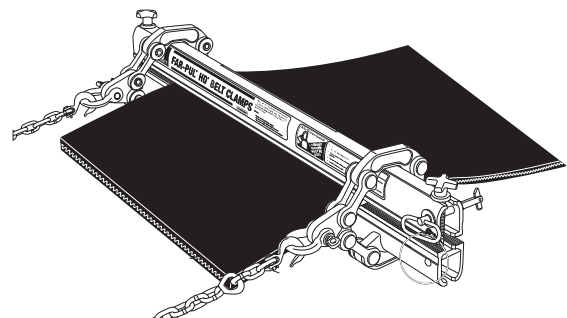
ALUMINUM ALLOY TYPE	PERCENT	
	Mg Magnesium	Ti Titanium
6005	0.6%	0.1%
6061	1.0%	0.0%
7075	2.5%	0.0%

Electric Belt Cutter

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Electric Belt Cutter (for belts up to 1" thick)	EBC1	30001	13.4
Electric Belt Cutter (for belts up to 2" thick)	EBC2	30002	18.1
Replacement Blade for EBC1	EBC1-B	30003	0.9
Replacement Blade for EBC2	EBC2-B	30004	1.3
Replacement Electric Hammer Drill for EBC1	EBC1-DR	30005	3.4
Replacement Electric Hammer Drill for EBC2	EBC2-DR	30006	5.5
Replacement Eyebolt for EBC1 & EBC2	EBC-EB	30007	0.4
Replacement Handle for EBC1 & EBC2	EBC-H	30008	0.2

Cordless Electric Belt Cutter

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Cordless Electric Belt Cutter (for belts up to 25mm (1") thick)	CEBC1	30018	13.2
Cordless Electric Belt Cutter (for belts up to 50mm (2") thick)	CEBC2	30019	17.9



Aluminum Content Far-Pul® HD®

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

Product Ordering Information

Flex-Lag®
Rubber Pulley Lagging

Flex-Lag® Light Duty Rubber*

PATTERN	THICKNESS		LENGTH		MATERIAL	ORDERING NUMBER	ITEM CODE
	mm	in.	m	ft.			
Light Duty	7.5	1/4	3.3	11	SBR	7.5NLD3.3/11	71077
Light Duty	7.5	1/4	3.3	11	Nitrile	7.5WLD3.3/11	71076

Flex-Lag® Roll Lagging - SBR Rubber**

PATTERN	THICKNESS		LENGTH		ORDERING NUMBER	ITEM CODE
	mm	in.	m	ft.		
Diamond	10	3/8	6.5	21	10ND6.5/21	71002
Diamond	12	1/2	6.5	21	12ND6.5/21	71004
Diamond	15	5/8	6.5	21	15ND6.5/21	71006
Diamond	20	3/4	6.5	21	20ND6.5/21	71008
Diamond	25	1	6.5	21	25ND6.5/21	71152
Plain	10	3/8	6.5	21	10NP6.5/21	71010
Plain	12	1/2	6.5	21	12NP6.5/21	71012
Plain	15	5/8	6.5	21	15NP6.5/21	71017
Plain	20	3/4	6.5	21	20NP6.5/21	71021
Plain	25	1	6.5	21	25NP6.5/21	71163
Diamond Ceramic	12	1/2	6.5	21	12NDC6.5/21	71155
Medium Ceramic	15	5/8	6.5	21	CLMN6.5/21-15	62216

Flex-Lag® Roll Lagging - FRAS Rubber**

PATTERN	THICKNESS		LENGTH		ORDERING NUMBER	ITEM CODE
	mm	in.	m	ft.		
Diamond	10	3/8	6.5	21	10FRD6.5/21	71014
Diamond	12	1/2	6.5	21	12FRD6.5/21	71016
Diamond	15	5/8	6.5	21	15FRD6.5/21	71018
Diamond	20	3/4	6.5	21	20FRD6.5/21	71019
Plain	10	3/8	6.5	21	10FRP6.5/21	71020
Plain	12	1/2	6.5	21	12FRP6.5/21	71022
Plain	15	5/8	6.5	21	15FRP6.5/21	71015
Plain	20	3/4	6.5	21	20FRP6.5/21	72129
Diamond Ceramic	12	1/2	6.5	21	12FRDC6.5/21	71159
Medium Ceramic	15	5/8	6.5	21	CLMFR6.5/21-15	61319

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

Ordering Number Key: **N** - SBR, **FR** - FRAS, **P** - Plain, **D** - Diamond, **DC** - Diamond Ceramic, **LD** - Light Duty

Strip Selection Chart

Pulley Diameter		Strips Req'd	Pulley Diameter		Strips Req'd
mm	in.		in.	mm	
320-381	12.6-15.0	6	42.6-45.0	1083-1145	18
382-445	15.1-17.5	7	45.1-47.5	1146-1210	19
446-510	17.6-20.0	8	47.6-50.1	1211-1273	20
511-573	20.1-22.5	9	50.2-52.6	1274-1336	21
574-636	22.6-25.0	10	52.7-55.1	1337-1400	22
637-700	25.1-27.5	11	55.2-57.6	1403-1463	23
701-764	27.6-30.0	12	57.7-60.1	1466-1527	24
765-827	30.1-32.5	13	60.2-62.6	1529-1590	25
828-891	32.6-35.0	14	62.7-65.1	1593-1654	26
892-955	35.1-37.5	15	65.2-67.6	1656-1717	27
956-1018	37.6-40.0	16	67.7-70.1	1720-1781	28
1019-1082	40.1-42.5	17	70.2-72.6	1783-1844	29

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

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

Shaded items are made to order.
Lead time: 8 -10 weeks

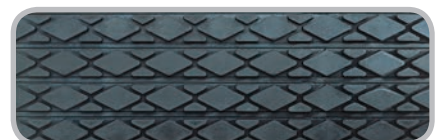
Light Duty Lagging



Diamond Ceramic Lagging



Diamond Grooved Lagging



Plain Grooved Lagging



Specifications:

Temperature Rating

-15° C to 85° C (5°F to 185° F)

Rubber Compound

SBR (Styrene-Butadiene-Rubber)

Rubber Hardness

68 ± 3 Shore A

Ceramic Compound (Diamond Ceramic Lagging)

Aluminum Oxide (Al₂O₃)

Ceramic Hardness (Diamond Ceramic Lagging)

83 HRA Rockwell Hardness Scale A

Product Ordering Information

Flex-Lag®
Medium Ceramic Pulley Lagging

Flex-Lag® Medium Ceramic Lagging - SBR Rubber

THICKNESS		BELT WIDTH		CERAMIC LENGTH		STRIP LENGTH		DIMPLED TILE		SMOOTH TILE	
mm	in.	mm	in.	mm	in.	mm	in.	ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE
15	5/8	450	18	474	18 5/8	880	35	CLMN450/18-15	61294	CLMN450/18-15S	62052
		600	24	626	24 5/8	1032	41	CLMN600/24-15	61295	CLMN600/24-15S	62053
		750	30	779	30 5/8	1185	47	CLMN750/30-15	61296	CLMN750/30-15S	62054
		900	36	931	36 5/8	1337	53	CLMN900/36-15	61297	CLMN900/36-15S	62055
		1050	42	1082	42 5/8	1488	59	CLMN1050/42-15	61298	CLMN1050/42-15S	62056
		1200	48	1235	48 5/8	1641	65	CLMN1200/48-15	61299	CLMN1200/48-15S	62057
		1350	54	1388	54 5/8	1794	71	CLMN1350/54-15	61300	CLMN1350/54-15S	62058
		1500	60	1541	60 5/8	1947	77	CLMN1500/60-15	61301	CLMN1500/60-15S	62059
		1800	72	1842	72 5/8	2248	89	CLMN1800/72-15	61302	CLMN1800/72-15S	62060
		2100	84	2155	84 7/8	2561	101	CLMN2100/84-15	61303	CLMN2100/84-15S	62061



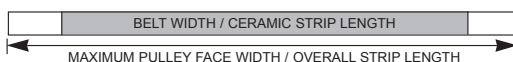
Flex-Lag® Medium Ceramic Lagging - FRAS Rubber

THICKNESS		BELT WIDTH		CERAMIC LENGTH		STRIP LENGTH		DIMPLED TILE		SMOOTH TILE	
mm	in.	mm	in.	mm	in.	mm	in.	ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE
15	5/8	450	18	474	18 5/8	880	35	CLMFR450/18-15	61308	CLMFR450/18-15S	62063
		600	24	626	24 5/8	1032	41	CLMFR600/24-15	61309	CLMFR600/24-15S	62064
		750	30	779	30 5/8	1185	47	CLMFR750/30-15	61310	CLMFR750/30-15S	62065
		900	36	931	36 5/8	1337	53	CLMFR900/36-15	61311	CLMFR900/36-15S	62066
		1050	42	1082	42 5/8	1488	59	CLMFR1050/42-15	61312	CLMFR1050/42-15S	62067
		1200	48	1235	48 5/8	1641	65	CLMFR1200/48-15	61313	CLMFR1200/48-15S	62068
		1350	54	1388	54 5/8	1794	71	CLMFR1350/54-15	61314	CLMFR1350/54-15S	62069
		1500	60	1541	60 5/8	1947	77	CLMFR1500/60-15	61315	CLMFR1500/60-15S	62070
		1800	72	1842	72 5/8	2248	89	CLMFR1800/72-15	61316	CLMFR1800/72-15S	62071
		2100	84	2155	84 7/8	2561	101	CLMFR2100/84-15	61317	CLMFR2100/84-15S	62072

FRAS (Fire Resistant Anti Static) MSHA Certification # - MSHA NO. IC-190
Ordering Number Key: **N** - SRB, **FR** - FRAS

Shaded items are made to order.
Lead time: 8 -10 weeks

CERAMIC STRIP CONFIGURATION



Strip Selection

PULLEY DIAMETER		STRIPS REQ'D	PULLEY DIAMETER		STRIPS REQ'D
mm	in.		in.	mm	
320-381	12.6-15.0	6	42.6-45.0	1083-1145	18
382-445	15.1-17.5	7	45.1-47.5	1146-1210	19
446-510	17.6-20.0	8	47.6-50.1	1211-1273	20
511-573	20.1-22.5	9	50.2-52.6	1274-1336	21
574-636	22.6-25.0	10	52.7-55.1	1337-1400	22
637-700	25.1-27.5	11	55.2-57.6	1403-1463	23
701-764	27.6-30.0	12	57.7-60.1	1466-1527	24
765-827	30.1-32.5	13	60.2-62.6	1529-1590	25
828-891	32.6-35.0	14	62.7-65.1	1593-1654	26
892-955	35.1-37.5	15	65.2-67.6	1656-1717	27
956-1018	37.6-40.0	16	67.7-70.1	1720-1781	28
1019-1082	40.1-42.5	17	70.2-72.6	1783-1844	29

Specifications:

Temperature Rating

-15° C to 85° C (5°F to 185° F)

Ceramic Compound

Aluminum Oxide (Al₂O₃)

Rubber Compound

SBR (Styrene-Butadiene-Rubber)

Ceramic Hardness

83 HRA Rockwell Hardness Scale A

Rubber Hardness

68 ± 3 Shore A

39% Ceramic Coverage

Product Notes:

- No wasted ceramic with easy-to-specify dimensions by using pulley or belt width.
- Constructed from individual ceramic tiles molded into high-durometer rubber for superior abrasion resistance.
- Horizontal grooves trap and deflect water.
- Molded ceramic buttons grip the belt's underside for positive traction and no slippage.

Product Ordering Information

Flex-Lag®
Full Ceramic Pulley Lagging

Flex-Lag® Full Ceramic Lagging - SBR Rubber

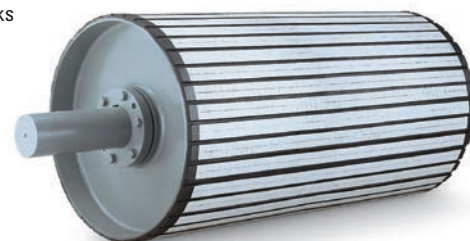
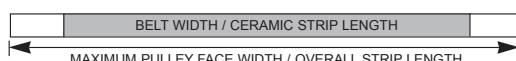
THICKNESS		BELT WIDTH		CERAMIC LENGTH		STRIP LENGTH		DIMPLED TILE		SMOOTH TILE	
mm	in.	mm	in.	mm	in.	mm	in.	ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE
12	1/2	450	18	460	18 1/2	860	34	CLN460/18.4-12	71111	CLN460/18.4-12S	79383
12	1/2	600	24	600	24	1000	40	CLN600/24-12	71112	CLN600/24-12S	79384
12	1/2	750	30	760	30 1/2	1160	46	CLN760/30.4-12	71113	CLN760/30.4-12S	79385
12	1/2	900	36	900	36	1300	52	CLN900/36-12	71115	CLN900/36-12S	79387
12	1/2	1050	42	1060	42 1/2	1500	60	CLN1060/42.4-12	71116	CLN1060/42.4-12S	79388
12	1/2	1200	48	1200	48	1600	64	CLN1200/48-12	71039	CLN1200/48-12S	79389
12	1/2	1350	54	1360	54 1/2	1800	72	CLN1360/54.4-12	71126	CLN1360/54.4-12S	79390
12	1/2	1500	60	1520	60 3/4	2000	80	CLN1520/60.8-12	71127	CLN1520/60.8-12S	79392
12	1/2	1800	72	1800	72	2300	92	CLN1800/72-12	71042	CLN1800/72-12S	79395
12	1/2	2100	84	2100	84	2600	104	CLN2100/84-12	71044	CLN2100/84-12S	79398

Flex-Lag® Full Ceramic Lagging - FRAS Rubber

THICKNESS		BELT WIDTH		CERAMIC LENGTH		STRIP LENGTH		DIMPLED TILE		SMOOTH TILE	
mm	in.	mm	in.	mm	in.	mm	in.	ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE
12	1/2	450	18	460	18 1/2	860	34	CLFR460/18.4-12	71118	CLFR460/18.4-12S	79406
12	1/2	600	24	600	24	1000	40	CLFR600/24-12	71119	CLFR600/24-12S	79407
12	1/2	750	30	760	30 1/2	1160	46	CLFR760/30.4-12	71120	CLFR760/30.4-12S	79408
12	1/2	900	36	900	36	1300	52	CLFR900/36-12	71122	CLFR900/36-12S	79410
12	1/2	1050	42	1060	42 1/2	1500	60	CLFR1060/42.4-12	71123	CLFR1060/42.4-12S	79411
12	1/2	1200	48	1200	48	1600	64	CLFR1200/48-12	71005	CLFR1200/48-12S	79412
12	1/2	1350	54	1360	54 1/2	1800	72	CLFR1360/54.4-12	A1636	CLFR1360/54.4-12S	79413
12	1/2	1500	60	1520	60 3/4	2000	80	CLFR1520/60.8-12	71009	CLFR1520/60.8-12S	79415
12	1/2	1800	72	1800	72	2300	92	CLFR1800/72-12	71079	CLFR1800/72-12S	79418
12	1/2	2100	84	2100	84	2600	104	CLFR2100/84-12	71082	CLFR2100/84-12S	79421

FRAS (Fire Resistant Anti Static) MSHA Certification # - MSHA NO. IC-190
Ordering Number Key: **N** - SBR, **FR** - FRAS

Shaded items are made to order.
Lead time: 8 - 10 weeks



Strip Selection Chart

Pulley Diameter		Strips Req'd	Pulley Diameter		Strips Req'd
mm	in.		in.	mm	
320-381	12.6-15.0	6	42.6-45.0	1083-1145	18
382-445	15.1-17.5	7	45.1-47.5	1146-1210	19
446-510	17.6-20.0	8	47.6-50.1	1211-1273	20
511-573	20.1-22.5	9	50.2-52.6	1274-1336	21
574-636	22.6-25.0	10	52.7-55.1	1337-1400	22
637-700	25.1-27.5	11	55.2-57.6	1403-1463	23
701-764	27.6-30.0	12	57.7-60.1	1466-1527	24
765-827	30.1-32.5	13	60.2-62.6	1529-1590	25
828-891	32.6-35.0	14	62.7-65.1	1593-1654	26
892-955	35.1-37.5	15	65.2-67.6	1656-1717	27
956-1018	37.6-40.0	16	67.7-70.1	1720-1781	28
1019-1082	40.1-42.5	17	70.2-72.6	1783-1844	29

Special Offerings

PRODUCT	PRICE COMPARED TO NATURAL RUBBER
15mm Thickness	+5%
20mm Thickness	+7 1/2%
25mm Thickness	+15%

Specifications:

Temperature Rating
-15° C to 85° C (5°F to 185° F)

Ceramic Compound
Aluminum Oxide (Al₂O₃)

Rubber Compound
SBR (Styrene-Butadiene-Rubber)

Ceramic Hardness
83 HRA Rockwell Hardness Scale A

Rubber Hardness
68 ± 3 Shore A

80% Ceramic Coverage

Product Ordering Information

Flex-Lag®
Adhesives and Toolbox

Flex-Lag® Adhesive/Activator/Primer

ORDERING NUMBER	DESCRIPTION	ITEM CODE	WEIGHT	VOLUME
FL-ADH-0.8	Adhesive	75017	1.6 lb. (0.7 Kg)	27.1 oz (0.8L)
FL-ACT	Activator	70186	0.1 lb. (40 g)	-
FL-PR-0.75	Primer	70189	1.6 lb. (0.7 Kg)	25.4 oz (0.75L)

Each Flex-Lag Adhesive is mixed with one Flex-Lag Activator. Refer to the usage chart below to calculate the number of cans required for your pulley. For sizes not included in the chart please contact Flexco Customer Service for assistance.



ADHESIVE 0.8L / ACTIVATOR 40g (1:1 ratio)

			Face Width																				
	mm		254	356	457	559	660	762	864	965	1067	1168	1270	1372	1473	1575	1676	1778	1880	1981	2083	2184	2286
	In.		10	14	18	22	26	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90
Pulley Diameter	203	8	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3
	305	12	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4
	406	16	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	5	5	5
	508	20	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6
	610	24	1	2	2	2	2	3	3	3	4	4	4	5	5	5	5	6	6	6	7	7	7
	711	28	1	2	2	2	3	3	3	4	4	5	5	5	6	6	6	7	7	7	8	8	8
	813	32	2	2	2	3	3	4	4	4	5	5	6	6	6	7	7	8	8	8	9	9	10
	914	36	2	2	3	3	3	4	4	5	5	6	6	7	7	8	8	8	9	9	10	10	11
	1016	40	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12
	1118	44	2	2	3	4	4	5	5	6	6	7	7	8	9	9	10	10	11	11	12	12	13
	1219	48	2	3	3	4	4	5	6	6	7	7	8	9	9	10	10	11	12	12	13	13	14
	1321	52	2	3	3	4	5	5	6	7	7	8	9	9	10	11	11	12	13	13	14	15	15
	1422	56	2	3	4	4	5	6	6	7	8	9	9	10	11	11	12	13	14	14	15	16	16
	1524	60	2	3	4	5	5	6	7	8	8	9	10	11	11	12	13	14	14	15	16	17	17

PRIMER .75L

		Face Width																				
	mm	254	356	457	559	660	762	864	965	1067	1168	1270	1372	1473	1575	1676	1778	1880	1981	2083	2184	2286
	In.	10	14	18	22	26	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90
Pulley Diameter	203	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	305	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	406	16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	508	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	610	24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	711	28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	813	32	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	914	36	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
	1016	40	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
	1118	44	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
	1219	48	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
	1321	52	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
	1422	56	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2
	1524	60	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2



Flex-Lag® Toolbox

ORDERING NUMBER	DESCRIPTION	ITEM CODE	WT. KG.
LAGGING-TB	with Power Tools	79080	14.5
LAGGING-TB2	without Power Tools	79099	9.1

Both Include:

- 7.6M (25 ft.) measuring tape
- BCP location tool
- Chalk line
- Paint brushes (3)
- Lagging stitchers (3)
- White paint marker
- HD knife and replacement blades
- Bench brush
- Deadblow hammer

LAGGING-TB Also Includes:

- Air hammer kit
- 24-grit flap disc
- Rubber buffing disc
- Grinder
- Metal grinding disc
- Oscillating tool and accessories

Product Ordering Information

Flex-Lag® Weld-On™
Rubber Pulley Lagging



Strip Selection Chart

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

Flex-Lag® Weld-on Diamond Lagging

SBR Rubber

Pulley Diameter 400 - 725mm (16" - 29")

BELT WIDTH		STRIP LENGTH		ORDERING NUMBER	ITEM CODE
mm	in.	mm	in.		
450	18	500	20	WND18-16	72169
600	24	650	26	WND24-16	72171
750	30	800	32	WND30-16	72173
900	36	950	38	WND36-16	72175
1050	42	1100	44	WND42-16	72177
1200	48	1275	51	WND48-16	72179
1350	54	1425	57	WND54-16	72181
1500	60	1575	63	WND60-16	72183
1800	72	1875	75	WND72-16	72185

SBR Rubber

Pulley Diameter 750mm+ (30" +)

BELT WIDTH		STRIP LENGTH		ORDERING NUMBER	ITEM CODE
mm	in.	mm	in.		
450	18	500	20	WND18-30	72170
600	24	650	26	WND24-30	72172
750	30	800	32	WND30-30	72174
900	36	950	38	WND36-30	72176
1050	42	1100	44	WND42-30	72178
1200	48	1275	51	WND48-30	72180
1350	54	1425	57	WND54-30	72182
1500	60	1575	63	WND60-30	72184
1800	72	1875	75	WND72-30	72186

FRAS Rubber

Pulley Diameter 400 - 725mm (16" - 29")

BELT WIDTH		STRIP LENGTH		ORDERING NUMBER	ITEM CODE
mm	in.	mm	in.		
450	18	500	20	WFRD18-16	72187
600	24	650	26	WFRD24-16	72189
750	30	800	32	WFRD30-16	72191
900	36	950	38	WFRD36-16	72193
1050	42	1100	44	WFRD42-16	72195
1200	48	1275	51	WFRD48-16	72197
1350	54	1425	57	WFRD54-16	72199
1500	60	1575	63	WFRD60-16	72201
1800	72	1875	75	WFRD72-16	72203

FRAS Rubber

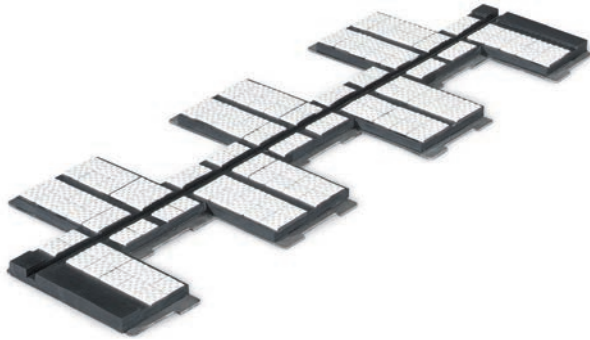
Pulley Diameter 750mm+ (30" +)

BELT WIDTH		STRIP LENGTH		ORDERING NUMBER	ITEM CODE
mm	in.	mm	in.		
450	18	500	20	WFRD18-30	72188
600	24	650	26	WFRD24-30	72190
750	30	800	32	WFRD30-30	72192
900	36	950	38	WFRD36-30	72194
1050	42	1100	44	WFRD42-30	72196
1200	48	1275	51	WFRD48-30	72198
1350	54	1425	57	WFRD54-30	72200
1500	60	1575	63	WFRD60-30	72202
1800	72	1875	75	WFRD72-30	72204

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

Product Ordering Information

Flex-Lag® Weld-On™
Ceramic Pulley Lagging



Strip Selection Chart

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

Flex-Lag® Weld-on Full Ceramic Lagging

SBR Rubber

Pulley Diameter 400 - 725mm (16" - 29")

BELT WIDTH		STRIP LENGTH		ORDERING NUMBER	ITEM CODE
mm	in.	mm	in.		
450	18	500	20	WCLN18-16	71131
600	24	650	26	WCLN24-16	71132
750	30	800	32	WCLN30-16	71133
900	36	950	38	WCLN36-16	71135
1050	42	1100	44	WCLN42-16	71137
1200	48	1275	51	WCLN48-16	71139
1350	54	1425	57	WCLN54-16	71149
1500	60	1575	63	WCLN60-16	71165
1800	72	1875	75	WCLN72-16	71151

SBR Rubber

Pulley Diameter 750mm+ (30" +)

BELT WIDTH		STRIP LENGTH		ORDERING NUMBER	ITEM CODE
mm	in.	mm	in.		
600	24	650	26	WCLN24-30	71150
750	30	800	32	WCLN30-30	71134
900	36	950	38	WCLN36-30	71136
1050	42	1100	44	WCLN42-30	71138
1200	48	1275	51	WCLN48-30	71144
1350	54	1425	57	WCLN54-30	71145
1500	60	1575	63	WCLN60-30	71146
1800	72	1875	75	WCLN72-30	71147

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04143	900936	196	30414	LSHDB36-2	196	71058	FL-RPI	193	72197	WFRD48-16	201
04144	900948	196	30418	LSHDB30-2	196	71060	FL-RBI	193	72198	WFRD48-30	201
04145	900960	196	30421	LSHDB42-2	196	71060	FL-RBI	193	72199	WFRD54-16	201
04146	900972	196	30423	LSHDB48-2	196	71076	6WLD3.3/11	197	72200	WFRD54-30	201
04147	900984	196	30424	LSHDB54-2	196	71077	6NLD3.3/11	197	72201	WFRD60-16	201
04149	900CBK	196	30430	LSHDB60-2	196	71079	CLFR1800/72-12	199	72202	WFRD60-30	201
04200	900924	196	61294	CLMN450/18-15	198	71082	CLFR2100/84-12	199	72203	WFRD72-16	201
26107	N6D3T-24-9-A45	157	61295	CLMN600/24-15	198	71100	FLSCM-I-BULK	193	72204	WFRD72-30	201
26108	N6D3T-30-11-A45	157	61296	CLMN750/30-15	198	71111	CLN460/18.4-12	199	73017	PP72	85
26109	N6D3T-36-13-A45	157	61297	CLMN900/36-15	198	71112	CLN600/24-12	199	73024	PPS6	85
26110	N6D3T-42-15-A45	157	61298	CLMN1050/42-15	198	71113	CLN760/30.4-12	199	73047	HSA8SS	64
26111	N6D3T-48-17-A45	157	61299	CLMN1200/48-15	198	71115	CLN900/36-12	199	73047	HSA8SS	66
26112	N6D3T-54-19-A45	157	61300	CLMN1350/54-15	198	71116	CLN1060/42.4-12	199	73047	HSA8SS	68
26113	N6D3T-60-21-A45	157	61301	CLMN1500/60-15	198	71118	CLFR460/18.4-12	199	73047	HSA8SS	69
26114	N6D3T-72-25-A45	157	61302	CLMN1800/72-15	198	71119	CLFR600/24-12	199	73047	HSA8SS	136
26184	NI6D3T-24-9-A45	160	61303	CLMN2100/84-15	198	71120	CLFR760/30.4-12	199	73048	HSA8S	64
26185	NI6D3T-30-11-A45	160	61308	CLMFR450/18-15	198	71122	CLFR900/36-12	199	73048	HSA8S	66
26186	NI6D3T-36-13-A45	160	61309	CLMFR600/24-15	198	71123	CLFR1060/42.4-12	199	73048	HSA8S	68
26187	NI6D3T-42-15-A45	160	61310	CLMFR750/30-15	198	71126	CLN1360/54.4-12	199	73048	HSA8S	69
26188	NI6D3T-48-17-A45	160	61311	CLMFR900/36-15	198	71127	CLN1520/60.8-12	199	73048	HSA8S	136
26189	NI6D3T-54-19-A45	160	61312	CLMFR1050/42-15	198	71131	WCLN18-16	202	73049	HSA8M	64
26190	NI6D3T-60-21-A45	160	61313	CLMFR1200/48-15	198	71132	WCLN24-16	202	73049	HSA8M	66
26191	NI6D3T-72-25-A45	160	61314	CLMFR1350/54-15	198	71133	WCLN30-16	202	73049	HSA8M	68
26714	NS6DV-18-9.625-A45	184	61315	CLMFR1500/60-15	198	71134	WCLN30-30	202	73049	HSA8M	69
26714	NS6DV-18-9.625-A45	186	61316	CLMFR1800/72-15	198	71135	WCLN36-16	202	73049	HSA8M	136
26715	NS6DV-24-12.625-A45	184	61317	CLMFR2100/84-15	198	71136	WCLN36-30	202	73050	HPS8	136
26715	NS6DV-24-12.625-A45	186	61319	CLMFR6.5/21-15	197	71137	WCLN42-16	202	73063	HSA8L	64
26716	NS6DV-30-15.625-A45	184	62052	CLMN450/18-15S	198	71138	WCLN42-30	202	73063	HSA8L	66
26716	NS6DV-30-15.625-A45	186	62053	CLMN600/24-15S	198	71139	WCLN48-16	202	73063	HSA8L	68
26717	NS6DV-36-18.625-A45	184	62054	CLMN750/30-15S	198	71140	FLM-PC	193	73063	HSA8L	136
26717	NS6DV-36-18.625-A45	186	62055	CLMN900/36-15S	198	71141	FL-CP-I	193	73064	HSA8LL	64
26718	NS6DV-42-21.625-A45	184	62056	CLMN1050/42-15S	198	71141	FL-CP-I	193	73064	HSA8LL	66
26718	NS6DV-42-21.625-A45	186	62057	CLMN1200/48-15S	198	71144	WCLN48-30	202	73064	HSA8LL	68
26719	NS6DV-48-24.625-A45	184	62058	CLMN1350/54-15S	198	71145	WCLN54-30	202	73064	HSA8LL	136
26719	NS6DV-48-24.625-A45	186	62059	CLMN1500/60-15S	198	71146	WCLN60-30	202	73131	CBV-XS	150
26720	NS6DV-54-27.625-A45	184	62060	CLMN1800/72-15S	198	71147	WCLN72-30	202	73132	CBV-S	150
26720	NS6DV-54-27.625-A45	186	62061	CLMN2100/84-15S	198	71149	WCLN54-16	202	73133	CBV-M	150
26721	NS6DV-60-30.625-A45	184	62063	CLMFR450/18-15S	198	71150	WCLN24-30	202	73134	CBV-L	150
26721	NS6DV-60-30.625-A45	186	62064	CLMFR600/24-15S	198	71151	WCLN72-16	202	90646	RBP1R-S	178
26722	NS6DV-72-36.625-A45	184	62065	CLMFR750/30-15S	198	71152	25ND6.5/21	197	90647	RBP1R-M	178
26722	NS6DV-72-36.625-A45	186	62066	CLMFR900/36-15S	198	71155	12NDC6.5/21	197	90647	RBP1R-L	178
26723	NS7DV-48-24.625-A105	184	62067	CLMFR1050/42-15S	198	71159	12FRDC6.5/21	197	90649	RBP1R-XL	178
26723	NS7EV-48-24.625-A105	186	62068	CLMFR1200/48-15S	198	71163	25NP6.5/21	197	73156	PSA150	82
26724	NS7DV-54-27.625-A105	184	62069	CLMFR1350/54-15S	198	71164	FL-CP-ISS	193	73156	PSA150	85
26724	NS7EV-54-27.625-A105	186	62070	CLMFR1500/60-15S	198	71165	WCLN60-16	202	73156	PSA150	102
26725	NS7DV-60-30.625-A105	184	62071	CLMFR1800/72-15S	198	71168	FL-PC-ISS	193	73156	PSA150	105
26725	NS7EV-60-30.625-A105	186	62072	CLMFR2100/84-15S	198	72129	20FRP6.5/21	197	73163	RBPRET	180
26726	NS7DV-72-36.625-A105	184	62216	CLMN6.5/21-15	197	72169	WND18-16	201	73163	RBPRET	183
26726	NS7EV-72-36.625-A105	186	70186	FL-ACT	200	72170	WND18-30	201	90650	RBP1R-S	180
26727	NS7DV-84-42.625-A105	184	70189	FL-PR-0.75	200	72171	WND24-16	201	90651	RBP1R-M	180
26727	NS7EV-84-42.625-A105	186	71002	10ND6.5/21	197	72172	WND24-30	201	90652	RBP1R-L	180
26728	NS7DV-96-48.625-A105	184	71004	12ND6.5/21	197	72173	WND30-16	201	90653	RBP1R-XL	180
26728	NS7EV-96-48.625-A105	186	71005	CLFR1200/48-12	199	72174	WND30-30	201	73190	VBK-XS	150
30001	EBC1	196	71006	15ND6.5/21	197	72175	WND36-16	201	73190	VBK-XS	153
30002	EBC2	196	71008	20ND6.5/21	197	72176	WND36-30	201	73191	VBK-S	150
30003	EBC1-B	196	71009	CLFR1520/60.8-12	199	72177	WND42-16	201	73191	VBK-S	153
30004	EBC2-B	196	71010	10NP6.5/21	197	72178	WND42-30	201	73192	VBK-M	150
30005	EBC1-DR	196	71012	12NP6.5/21	197	72179	WND48-16	201	73192	VBK-M	153
30006	EBC2-DR	196	71014	10FRD6.5/21	197	72180	WND48-30	201	73193	VBK-L	150
30007	EBC-EB	196	71015	15FRP6.5/21	197	72181	WND54-16	201	73193	VBK-L	153
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30019	CEBC2	196	71018	15FRD6.5/21	197	72184	WND60-30	201	73408	VPS	153
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30393	LSHD30	196	71022	12FRP6.5/21	197	72188	WFRD18-30	201	73533	VCS	153
30394	LSHD36	196	71039	CLN1200/48-12	199	72189	WFRD24-16	201	73535	VMFXS	153
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30397	LSHD54	196	71052	FLSC-I	193	72192	WFRD30-30	201	73626	PHA	105
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30399	LSHD72	196	71055	FLSCM-I	193	72194	WFRD36-30	201	73628	RSA150	88
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73628	RSA150	110	74560	RBP1S-L	178	74773	PSSS	101	74931	MCSHD		190
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74307	HXF8SS	136	74570	PC42	82	74825	HTV42SS	69	74983	VSC		153
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74389	CBV-72	150	74573	PC60	82	74829	HTV24S	69	75419	HVT8-S/S		68
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74419	STTS	118	74641	RV72	86	74889	PTM54T	187	75524	RBPFK-L		180
74419	STTS	136	74689	HXF8S	62	74890	PTM60T	187	75525	RBPFK-XL		180
74440	VMF96	153	74689	HXF8S	136	74891	PTMHD54T	187	75526	RBPMBK		180
74448	UFB18	115	74690	HXF8M	62	74892	PTMHD60T	187	75527	RBPI-T-S		180
74449	UFB24	115	74690	HXF8M	136	74893	PTMHD72T	187	75528	RBPI-T-M		180
74450	UFB30	115	74691	HXF8L	62	74894	PTMHD84T	187	75529	RBPI-T-L		180
74451	UFB36	115	74691	HXF8L	136	74895	PTMSD72T	187	75530	RBPI-T-XL		180
74452	UFB42	115	74692	RDP1-S	151	74896	PTMSD84T	187	75531	MFASK		190
74453	UFB48	115	74693	RDP1-M	151	74897	PTMSD96T	187	75565	ISA8SSS		136
74454	UFB54	115	74694	RDP1-L	151	74898	PTMSD120T	187	75566	RDPF-S		153
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74459	YBK-96	153	74701	RDPBK-L	153	74906	PTMHD60R	187	75574	YUBK-72		150
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75622	EZP1P30	18	75656	EZS2P42	73	75816	MSPPL	118	75898	PSTS-W	61
75622	EZP1P30	19	75656	EZS2P42	137	75817	RMC1	192	75898	PSTS-W	68
75623	EZP1P36	18	75657	EZS2P48	73	75819	RMC1-CP	192	75898	PSTS-W	118
75623	EZP1P36	19	75657	EZS2P48	137	75820	RMC1-CB	192	75899	PSTS-S	45
75624	EZP1P42	18	75658	EZS2P54	73	75820	RMC1-CB	194	75899	PSTS-S	53
75624	EZP1P42	19	75658	EZS2P54	137	75821	RMC1-PL	192	75899	PSTS-S	58
75625	EZP1P48	18	75659	EZS2P60	73	75830	MMBK	128	75899	PSTS-S	61
75625	EZP1P48	19	75659	EZS2P60	137	75831	MSPBPK	36	75899	PSTS-S	68
75626	EZP1P54	18	75660	EZS2P72	73	75831	MSPBPK	123	75901	HFC2	68
75626	EZP1P54	19	75660	EZS2P72	137	75832	RMC1-PP	192	75901	HFC2	136
75627	EZP1P60	18	75661	FFCK	73	75833	RMC1-BULK	192	75902	HXFC2	68
75627	EZP1P60	19	75666	EZS2MBK	73	75834	RMC1-LS	192	75902	HXFC2	136
75628	CRB10	15	75666	EZS2MBK	85	75835	RMC1LS-PL	192	75905	AWTB	45
75628	CRB10	21	75666	EZS2MBK	88	75836	RMC1-LSPP	192	75905	AWTB	53
75628	CRB10	35	75666	EZS2MBK	105	75843	STS-S	81	75905	AWTB	58
75628	CRB10	140	75666	EZS2MBK	109	75843	STS-S	91	75906	AWTMB	45
75629	CRB16	15	75666	EZS2MBK	127	75843	STS-S	99	75906	AWTMB	53
75629	CRB16	21	75666	EZS2MBK	137	75843	STS-S	100	75906	AWTMB	58
75629	CRB16	35	75771	EZP1-272	11	75843	STS-S	113	75907	AWTA	45
75629	CRB16	140	75772	EZP1P72	18	75843	STS-S	123	75907	AWTA	53
75630	CRB22	15	75772	EZP1P72	19	75844	STS-B	81	75907	AWTA	58
75630	CRB22	21	75773	CRB70	15	75844	STS-B	91	75909	AWTHK	45
75630	CRB22	35	75773	CRB70	21	75844	STS-B	99	75909	AWTHK	53
75630	CRB22	140	75773	CRB70	35	75844	STS-B	100	75909	AWTHK	58
75631	CRB28	15	75773	CRB70	140	75844	STS-B	113	75910	MHS-24	92
75631	CRB28	21	75774	EZP1-872	11	75844	STS-B	123	75911	MHS-30	92
75631	CRB28	35	75775	CRB64	15	75845	QMTS-P	18	75912	MHS-36	92
75631	CRB28	140	75775	CRB64	21	75845	QMTS-P	36	75913	MHS-42	92
75632	CRB34	15	75775	CRB64	35	75845	QMTS-P	45	75914	MHS-48	92
75632	CRB34	21	75778	FLSC-ISS	193	75845	QMTS-P	61	75915	MHS-54	92
75632	CRB34	35	75779	EZP1-818	11	75845	QMTS-P	68	75916	MHS-60	92
75632	CRB34	140	75780	EZP1-824	11	75845	QMTS-P	118	75917	MHS-72	92
75633	CRB40	15	75781	EZP1-830	11	75846	STS-W	91	75918	MHSP-24	91
75633	CRB40	21	75782	EZP1-836	11	75846	STS-W	99	75918	MHSP-24	99
75633	CRB40	35	75783	EZP1-842	11	75846	STS-W	100	75919	MHSP-30	91
75633	CRB40	140	75784	EZP1-848	11	75846	STS-W	113	75919	MHSP-30	99
75634	CRB46	15	75785	EZP1-854	11	75846	STS-W	123	75920	MHSP-36	91
75634	CRB46	21	75786	EZP1-860	11	75847	STAK	99	75920	MHSP-36	99
75634	CRB46	35	75787	MSP-224	33	75847	STAK	101	75921	MHSP-42	91
75634	CRB46	140	75788	MSP-230	33	75847	STAK	113	75921	MHSP-42	99
75635	CRB52	15	75789	MSP-236	33	75847	STAK	123	75922	MHSP-48	91
75635	CRB52	21	75790	MSP-242	33	75868	MDWS-24	120	75922	MHSP-48	99
75635	CRB52	35	75791	MSP-248	33	75869	MDWS-30	120	75923	MHSP-54	91
75635	CRB52	140	75792	MSP-254	33	75870	MDWS-36	120	75923	MHSP-54	99
75636	CRB58	15	75793	MSP-260	33	75871	MDWS-42	120	75924	MHSP-60	91
75636	CRB58	21	75794	MSP-272	33	75872	MDWS-48	120	75924	MHSP-60	99
75636	CRB58	35	75795	MSP-824	33	75873	MDWS-54	120	75925	MHSP-72	91
75636	CRB58	140	75796	MSP-830	33	75874	MDWS-60	120	75925	MHSP-72	99
75637	EZP1MPK	18	75797	MSP-836	33	75875	MDWS-72	120	75927	PFC	99
75641	EZP1PL	18	75798	MSP-842	33	75883	DWP-72	123	75927	PFC	113
75641	EZP1PL	19	75799	MSP-848	33	75884	CDWB24	120	75929	MHCP-24S	54
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75641	EZP1PL	136	75801	MSP-860	33	75886	CDWB36	120	75931	MHCP-36S	54
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75642	EZP1BP	19	75803	MSPP24	36	75888	CDWB48	120	75933	MHCP-48S	54
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75642	EZP1BP	143	75804	MSPP30	123	75890	CDWB60	120	75935	MHCP-60S	54
75642	EZP1BP	144	75805	MSPP36	36	75891	CDWB72	120	75936	MHCP-72S	54
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75959	MHCP-BCK60	56	76045	RBAER-34	147	76116	H78P54	68	76281	HVP-54L	66	
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75963	MHP-CP36	58	76049	RBAER-58	147	76125	HVP-24S	66	76285	HVP-60LL	66	
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75965	MHP-CP48	58	76069	AWTNCB	45	76127	HVP-36S	66	76287	HVP-72L	66	
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75982	HXF2-L	136	76084	SATHB	100	76170	MHS-24V	92	76303	HXF2-48L	62	
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75989	RBQC1HD-36	141	76088	HTS36	71	76175	MHS-54V	92	76308	HXF2-60L	62	
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75997	RBAGS-28	143	76094	HTSCK	73	76192	HV-24S	64	76392	MHP-EP	109	
75998	RBAGS-34	143	76096	DMTPAK	36	76193	HV-24M	64	76392	MHP-EP	113	
75999	RBAGS-40	143	76096	DMTPAK	45	76194	HV-30S	64	76393	MHCP-CH	58	
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76013	\$RR42	133	76098	DMTBK-W	38	76253	HV-42LL	64	76409	ESPRK	18	
76014	\$RR48	133	76098	DMTBK-W	45	76254	HV-48S	64	76409	ESPRK	118	
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76026	MCBKHD	190	76098	DMTBK-W	118	76260	HV-54LL	64	76413	ESS-B	18	
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78820	EZP1P60-S/S	23	78917	EZIB60-5M	164	78975	EZWPK-54	157	79021	HDRR36		134
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78841	CFG-230	20	78919	CCMK	137	78976	EZWPK-60	160	79026	HDRRS72*		134
78842	CFG-236	20	78920	CCMKHD	73	78976	EZWPK-60	163	79027	HDRRS84*		134
78843	CFG-242	20	78920	CCMKHD	105	78976	EZWPK-60	166	79033	MMP-696		39
78844	CFG-248	20	78920	CCMKHD	109	78977	EZWPK-72	157	79034	MMP-1296		39
78845	CFG-254	20	78920	CCMKHD	137	78977	EZWPK-72	160	79035	MMP-696-S/S		40
78846	CFG-260	20	78923	EZP1MPK-S/S	23	78977	EZWPK-72	163	79036	MMP-1296-S/S		40
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78857	EZSB36-4C	155	78928	CFG-842	20	78978	EZCSK-24	166	79041	SST2HD-G		99
78858	EZSB42-4C	155	78929	CFG-848	20	78979	EZCSK-30	157	79041	SST2HD-G		123
78859	EZSB48-4C	155	78930	CFG-854	20	78979	EZCSK-30	160	79042	SST2HD-G-S/S		101
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78863	EZSB24-5C	155	78935	EZP1-218W	14	78980	EZCSK-36	160	79046	MHS-96RV		95
78864	EZSB30-5C	155	78936	EZP1-224W	14	78980	EZCSK-36	163	79047	MHS-96P**		95
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78883	EZSB48-5I	158	78950	EZBMK-60	163	78985	EZCSK-72	160	79072	HDRBK-HD		134
78884	EZSB54-5I	158	78950	EZBMK-60	166	78985	EZCSK-72	163	79073	PFS-ESAC		110
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78909	EZIB60-4M	164	78973	EZWPK-42	157	79013	HDR42	134	79225	CCKHDL		137
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CRB-LS34	77092	26	CRB34	75632	35	DRXH-36-420	76882	172	DRXM-48-535	76876	170	
CRB-LS34	77092	30	CRB34	75632	140	DRXH-36-435	76898	172	DRXM-54-420	76853	170	
CRB-LS34HT	77555	26	CRB40	75633	15	DRXH-36-520	76890	172	DRXM-54-435	76869	170	
CRB-LS34HT	77555	30	CRB40	75633	21	DRXH-36-535	76906	172	DRXM-54-520	76861	170	
CRB-LS34W	77101	26	CRB40	75633	35	DRXH-42-420	76883	172	DRXM-54-535	76877	170	
CRB-LS34W	77101	30	CRB40	75633	140	DRXH-42-435	76899	172	DRXM-60-420	76854	170	
CRB-LS40	77093	26	CRB46	75634	15	DRXH-42-520	76891	172	DRXM-60-435	76870	170	
CRB-LS40	77093	30	CRB46	75634	21	DRXH-42-535	76907	172	DRXM-60-520	76862	170	
CRB-LS40HT	77556	26	CRB46	75634	35	DRXH-48-420	76884	172	DRXM-60-535	76878	170	
CRB-LS40HT	77556	30	CRB46	75634	140	DRXH-48-435	76900	172	DRXM-72-420	76855	170	
CRB-LS40W	77102	26	CRB52	75635	15	DRXH-48-520	76892	172	DRXM-72-435	76871	170	
CRB-LS40W	77102	30	CRB52	75635	21	DRXH-48-535	76908	172	DRXM-72-520	76863	170	
CRB-LS46	77094	26	CRB52	75635	35	DRXH-54-420	76885	172	DRXM-72-535	76879	170	
CRB-LS46	77094	30	CRB52	75635	140	DRXH-54-435	76901	172	DWP-72	75883	123	
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CRB-LS46HT	77557	30	CRB58	75636	21	DRXH-54-535	76909	172	DWP-96	79060	123	
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CRB-LS46W	77103	30	CRB58	75636	140	DRXH-60-435	76902	172	EBC-H	30008	196	
CRB-LS52	77095	26	CRB64	75775	15	DRXH-60-520	76894	172	EBC1	30001	196	
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FL-RBI	71060	193	HARK-S/S	77364	119	HTF236	76662	13	HV2-30M	79331	59	
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FLCK	77729	195	HDR24	79010	134	HTF260	76666	13	HV2-36M	79334	59	
FLCP	76479	195	HDR30	79011	134	HTF272	76667	13	HV2-36S	79333	59	
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FLEL-M	76472	195	HDR42	79013	134	HTS24	76086	71	HV2-42L	79339	59	
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FLRLB-M	76482	195	HDRBK-HD	79072	134	HTS54	76091	71	HV2-48L	79344	59	
FLRP	76478	195	HDRGEK	79236	134	HTS60	76092	71	HV2-48LL	79345	59	
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FLSC-ISS	75778	193	HDRR36	79021	134	HTSCK	76094	73	HV2-48SS	79341	59	
FLSCM-I	71055	193	HDRR42	79022	134	HTTS	74141	135	HV2-54L	79348	59	
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FLTW-M	76476	195	HDRR60	79025	134	HTV18SS	74821	69	HV2-54S	79346	59	
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MHCP-36P	78725	54	MHP-2448P	78677	48	MHS-30-S/S	77602	97	MHS-60ESAC	77846	110	
MHCP-36S	75931	54	MHP-2454	78671	47	MHS-30P	78737	95	MHS-60-S/S	77607	97	
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PTM60VR	79675	187	PTP72R	79275	184	PV72-ESAC	77988	102	R-CARK-C36/900	78100	107
PTM60VR-S/S	90029	188	PTPHD48R	79276	184	PV84-2ESAC	77991	102	R-CARK-C42/1050	78101	107
PTM60VR-S/S	90029	188	PTPHD54R	79277	184	PV96-2ESAC	77992	102	R-CARK-C48/1200	78102	107
PTMHD54R	74905	187	PTPHD60R	79278	184	QMT-G	76483	36	R-CARK-C54/1350	78103	107
PTMHD54R-S/S	90019	188	PTPHD72R	79279	184	QMT-G	76483	45	R-CARK-C60/1500	78104	107
PTMHD54T	74891	187	PTPHD84R	79280	184	QMT-G-S/S	77586	38	R-CARK-C72/1800	78105	107
PTMHD54T-S/S	90008	188	PTPHD96R	79281	184	QMT-G-S/S	77586	46	R-CARK-V24/600	78106	107
PTMHD54VR	79665	187	PTPK	75897	53	QMT-P	76074	36	R-CARK-V30/750	78107	107
PTMHD54VR-S/S	90030	188	PTPK	75897	58	QMT-P	76074	45	R-CARK-V36/900	78108	107
PTMHD54VR-S/S	90030	188	PTPLB	79470	186	QMT-P	76074	61	R-CARK-V42/1050	78109	107
PTMHD60R	74906	187	PTPLB-HD	79473	186	QMT-P	76074	68	R-CARK-V48/1200	78110	107
PTMHD60R-S/S	90020	188	PTS-18R	77664	181	QMT-P-S/S	77584	38	R-CARK-V54/1350	78111	107
PTMHD60T	74892	187	PTS-24R	77665	181	QMT-P-S/S	77584	46	R-CARK-V60/1500	78112	107
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PTMHD60VR-S/S	90031	188	PTS-36R	77667	181	QMT-S-S/S	79059	46	R-CARK2-C60/1500	78114	107
PTMHD60VR-S/S	90031	188	PTS-36R-UG	77674	181	QMT-W	76075	36	R-CARK2-C72/1800	78115	107
PTMHD72R	74907	187	PTS-42R	77668	181	QMT-W	76075	45	R-CARK2-C84/2100	78116	107
PTMHD72R-S/S	90021	188	PTS-42R-UG	77675	181	QMT-W	76075	61	R-CARK2-C96/2400	78117	107
PTMHD72T	74893	187	PTS-48R	77669	181	QMT-W	76075	68	R-CARK2-V120/3000	78123	107
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PTMSD72T	74895	187	PTS-RR39	77683	181	QMTBK-W	76098	118	RBAER-70	76050	147
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