

# **Product Handbook**

## **Singapore**

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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.

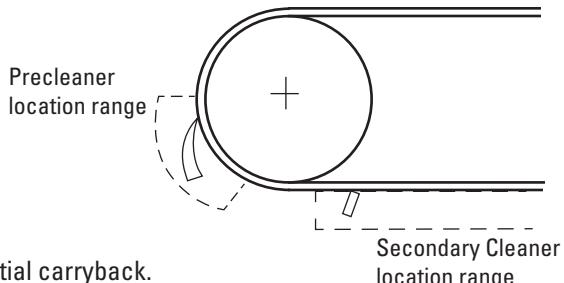
- **Improves Safety**

- 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.

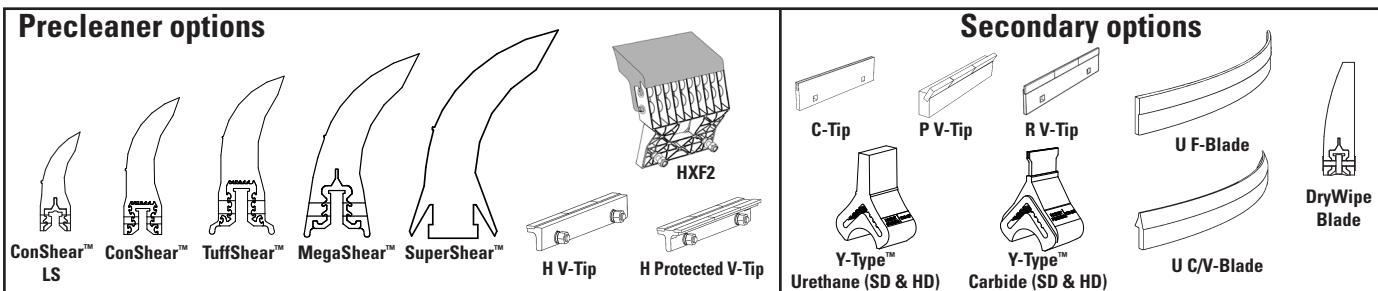
- **Specialty Cleaners**

- 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.

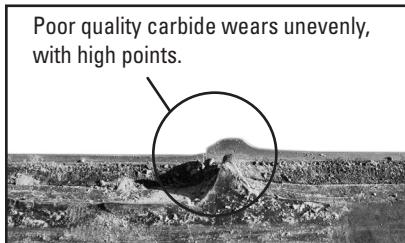


Less advanced polyurethane formulations result in blades that experience quicker wear and provide less efficient cleaning.

## 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.

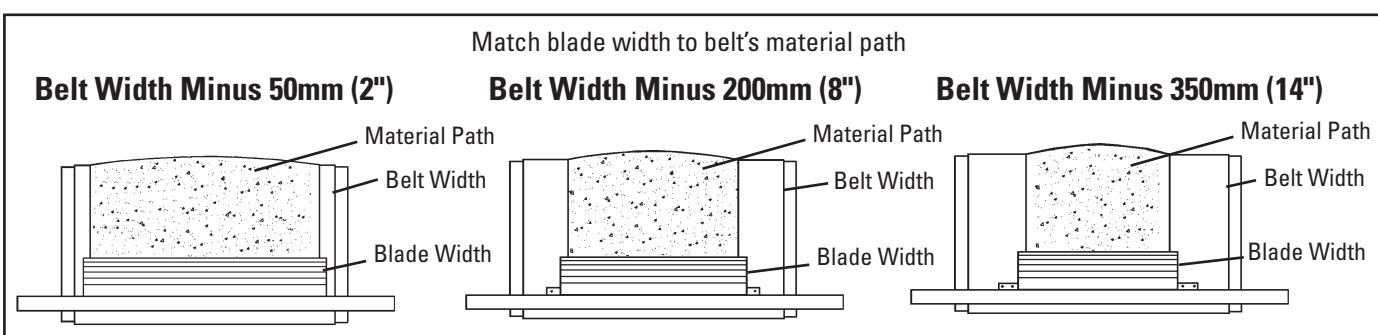
- Superior cleaning.
- Long wear.
- C-Tips/blades for mechanical splices and V-Tips/blades for vulcanized belts.



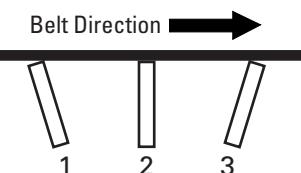
Poor quality carbide wears unevenly, with high points.

## 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)



- Aggressive** – excellent cleanability, high risk for belt damage.
- 90° to belt** – good cleaning efficiency; must have good blade relief for splices.
- 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).

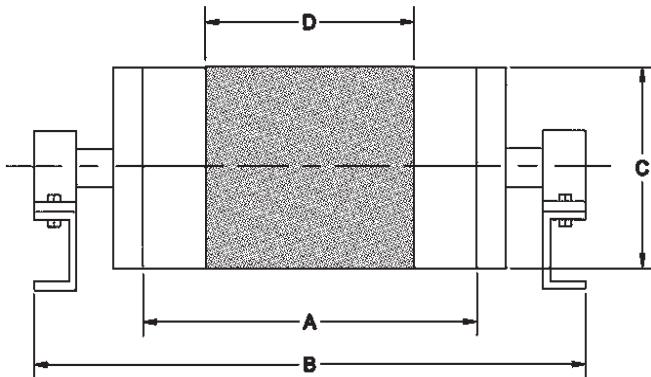
## Keys to Good Belt Cleaning

- 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")	600–2400mm (24–96")	600–2400mm (24–96")	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

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™
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)
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)
Polyurethane	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Durometer	83	93	83	83	93	83	83	93	90
Tungsten Carbide	No	No	No	No	No	No	No	No	No
Mechanical Fasteners	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	SuperShear™	UltraShear™	HXF	HXF2	H V-Tip	H Protected V-Tip	HV2 Tip	Protected HV2 Tip
Belt Speed	6m/s (1200fpm)	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 82°C (-30 to 180°F)	-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)			
Polyurethane	Yes	Yes	Yes	Yes	No	No	No	No
Durometer	90	93	84	83	N/A	N/A	N/A	N/A
Tungsten Carbide	No	No	No	No	Yes	Yes	Yes	Yes
Mechanical Fasteners	Yes	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)
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"
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)
Reversing Belts	Yes	Yes	Yes	Yes	No	No	No
Mechanical Fasteners	Yes	Yes	Yes	Yes	Yes	Yes	Yes

## SECONDARY CLEANER SPECIFICATION CHART

Application Description	MHS (C-Tip)	MHS (V-Tip)	MDWS	P-Type® (C-Tip)	P-Type (V-Tip)	U-Type® (F-Blade)	U-Type (C-Blade)
Belt Width*	600–2400mm 24–96"	600–2400mm 24–96"	600–2400mm 24–96"	900–1800mm 36–72"	900–1800mm 36–72"	450–2100mm 18–84"	450–2100mm 18–84"
Belt Speed	6m/s (1200fpm)	6m/s (1200fpm)	5m/s (1000fpm)	5m/s (1000fpm)	5m/s (1000fpm)	5m/s (1000fpm)	6.6m/s (1300fpm)
Reversing Belts	Yes	Yes	Yes	No	No	No	No
Mechanical Fasteners	Yes	No	Yes	Yes	No	Yes	Yes

## SECONDARY CLEANER SPECIFICATION CHART

Application Description	R-Type® (C-Tip)	R-Type (V-Tip)	Chevron	Brush Cleaner
Belt Width*	900–1800mm 36–72"	900–1800mm 36–72"	450–1500mm 18–60"	450–2100mm 18–84"
Belt Speed	5m/s (1000fpm)	5m/s (1000fpm)	2.5m/s (500fpm)	3.5m/s (700fpm)
Reversing Belts	Yes	Yes	Yes	No
Mechanical Fasteners	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	MDWS (DryWipe)	
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	-35 to 82°C -30 to 180°F	
Polyurethane	No	No	No	Yes	Yes	No	Yes	
Durometer	N/A	N/A	N/A	86A	83A	N/A	59	
Tungsten Carbide	Yes	Yes	Yes	No	No	Yes	No	
Works with Mechanical Fasteners	Yes	No	No	Yes	Yes	Yes	Yes	

## SECONDARY CLEANER BLADE SPECIFICATIONS

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

# Product Ordering Information

**EZP1**  
*Standard Duty 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



## Belt Width Minus 200mm (8")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
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

## 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"), 200mm (8"), or 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*

## 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



## Belt Width Minus 200mm (8")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
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"), 200mm (8"), or 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

**EZP1**  
*High Temperature Precleaner*

## Belt Width Minus 50mm (2") - Yellow Blade

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.
- Compatible with reversing belts.

U.S. Patent No. D482,508S

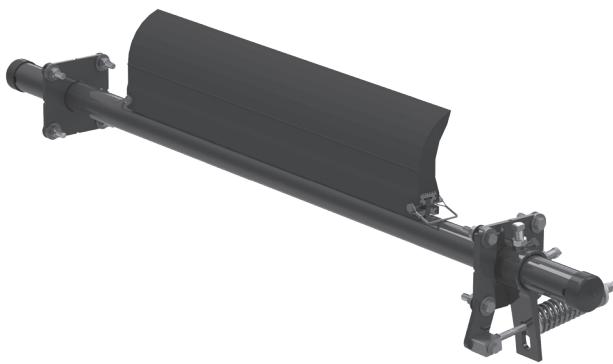
# Product Ordering Information

**EZP1**  
*Ultra High Temperature Precleaner*

## Belt Width Minus 50mm (2") - Red Blade

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



## Belt Width Minus 200mm (8") - Red Blade

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

## Belt Width Minus 350mm (14") - Red Blade

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
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"), 200mm (8"), or 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**  
*Food Grade Precleaner*

## Belt Width Minus 50mm (2") - White Blade

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



## 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.
- Compatible with reversing belts.

U.S. Patent No. D482,508S

# ConShear™ Replacement Blades

**EZP1**  
**Standard Duty Precleaner**

## ConShear™ Blades - Purple

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

## Chemical Resistant/Food Grade ConShear™ Blades - White ‡

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.

## High-Temp ConShear™ Blades - 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

## Ultra High-Temp ConShear™ Blades - Red

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
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.
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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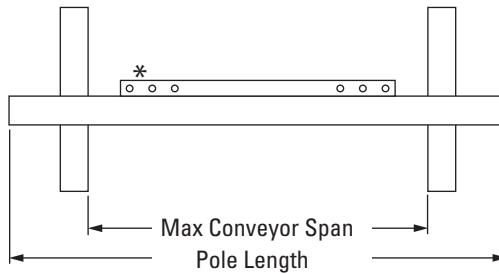
# Specifications & Guidelines

**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

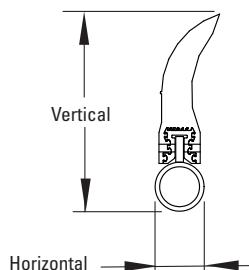
Pole Diameter - 60mm (2-3/8")



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

## Clearance Guidelines for Installation

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



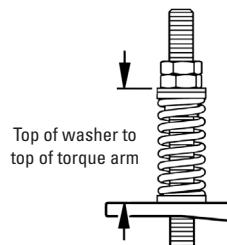
## EST Spring Length Chart

BLADE WIDTH		PURPLE SPRINGS		SILVER SPRINGS		BLACK SPRINGS	
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 mm	STANDARD in.	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



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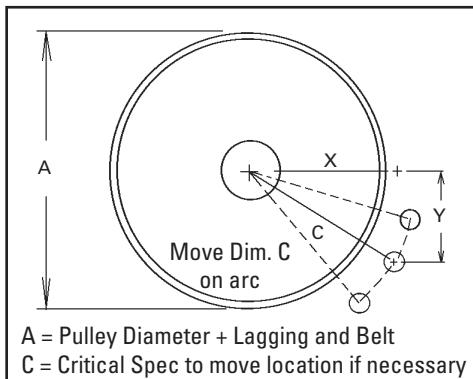
# Specifications & Guidelines

**EZP1 & EZP1T**  
Standard Duty Precleaners

## Pole Location Chart

A		X		Y		C	
mm	in	mm	in	mm	in	mm	in
250	10	74	3	230	9	242	9 1/2
275	11	92	3 3/4	230	9	248	9 3/4
300	12	108	4 3/8	230	9	254	10
325	13	131	5 3/8	230	9	265	10 1/2
350	14	146	5 7/8	230	9	273	10 3/4
375	15	166	6 3/8	230	9	284	11 1/4
400	16	179	7 1/8	230	9	291	11 1/2
425	17	195	7 7/8	230	9	301	12
450	18	207	8 1/4	230	9	309	12 1/4
475	19	223	9	230	9	320	12 3/4
500	20	235	9 3/8	230	9	329	13
525	21	249	10	230	9	339	13 1/2
550	22	266	10 3/4	230	9	352	14
575	23	283	11 3/8	230	9	365	14 1/2
600	24	299	12	230	9	377	15
625	25	314	12 5/8	230	9	390	15 1/2
650	26	330	13 1/4	230	9	402	16
675	27	346	13 7/8	230	9	415	16 1/2
700	28	360	14 3/8	230	9	427	17
725	29	374	15	230	9	439	17 1/2
750	30	389	15 5/8	230	9	452	18
775	31	403	16 1/8	230	9	464	18 1/2
800	32	417	16 3/4	230	9	477	19
825	33	432	17 1/4	230	9	489	19 1/2
850	34	446	17 7/8	230	9	501	20
875	35	460	18 3/8	230	9	514	20 1/2
900	36	474	19	230	9	526	21

## Pole Location Specs



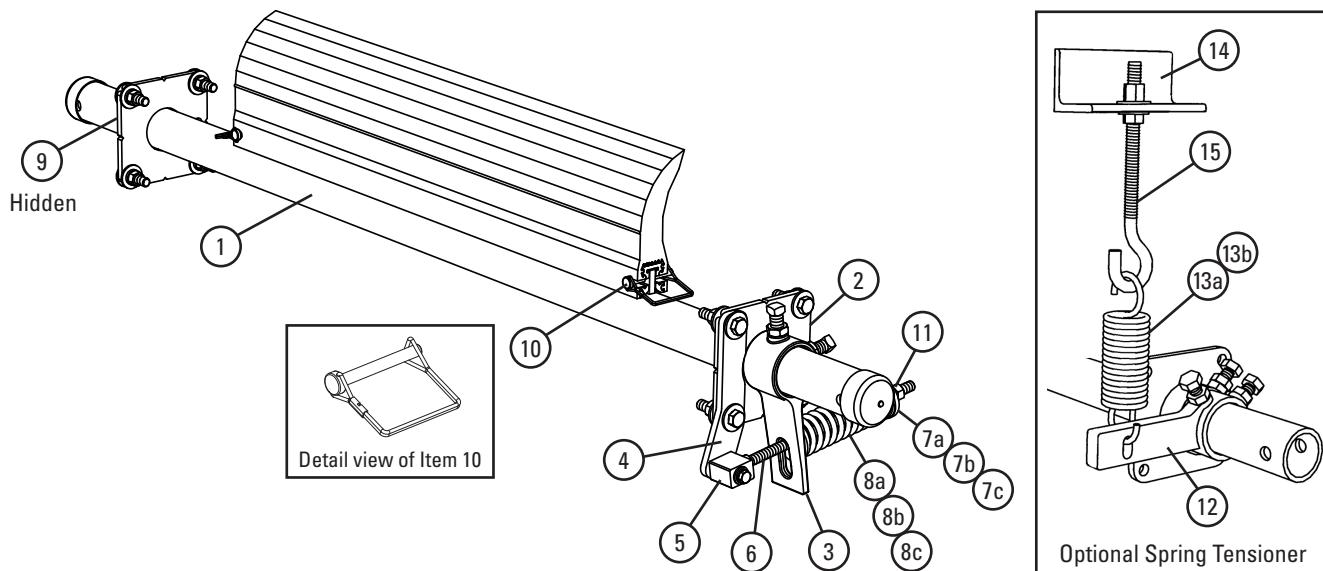
## Specifications:

- Maximum Belt Speed ..... 3.5m/s (700 FPM)
- Temperature Rating (ConShear, ConShear White) ..... -35 to 82°C (-30 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/Silver (incl. (2) bushings)	ESBK-PS	76410	0.04
7b	Bushing Kit – Black (incl. (2) bushings)	ESBK-B	76411	0.04
7c	EST Bushing Kit - UHT (incl. (2) bushings)	ESBK-ATEX	90264	0.1
8a	Tension Spring – Purple	QMTS-P	75845	0.5
8b	Tension Spring – Silver	ESS-S	76412	0.5
8c	Tension Spring – Black	ESS-B	76413	0.6
9	Pole Lock* (1 ea.)	EZP1PL	75641	0.5
–	EST Tensioner–Purple* (incl. (1) ea. items 3, 4, 5, 6, 7a & 8a)	EST-P	76403	3.5
–	EST Tensioner–Silver* (incl. (1) ea. items 3, 4, 5, 6, 7a & 8b)	EST-S	76404	3.6
–	EST Tensioner–Black* (incl. (1) ea. items 3, 4, 5, 6, 7b & 8c)	EST-B	76405	3.7
–	EST Ultra High Temp Tensioner–Purple* (incl. (1) ea. items 3, 4, 5, 6, 7c & 8a)	EST-A-P	90814	7.7
–	EST Ultra High Temp Tensioner–Silver* (incl. (1) ea. items 3, 4, 5, 6, 7c & 8b)	EST-A-S	90815	7.9
–	EST Ultra High Temp Tensioner–Black* (incl. (1) ea. items 3, 4, 5, 6, 7c & 8c)	EST-A-B	90816	8.1
10	Blade Pin (1 ea.)	EZP1BP	75642	0.04
11	Jam Nut Kit, EST Tensioner	JNK-A	79891	0.1

\*Hardware Included

Lead time: 1 working day

## Optional Spring Tensioner & Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
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

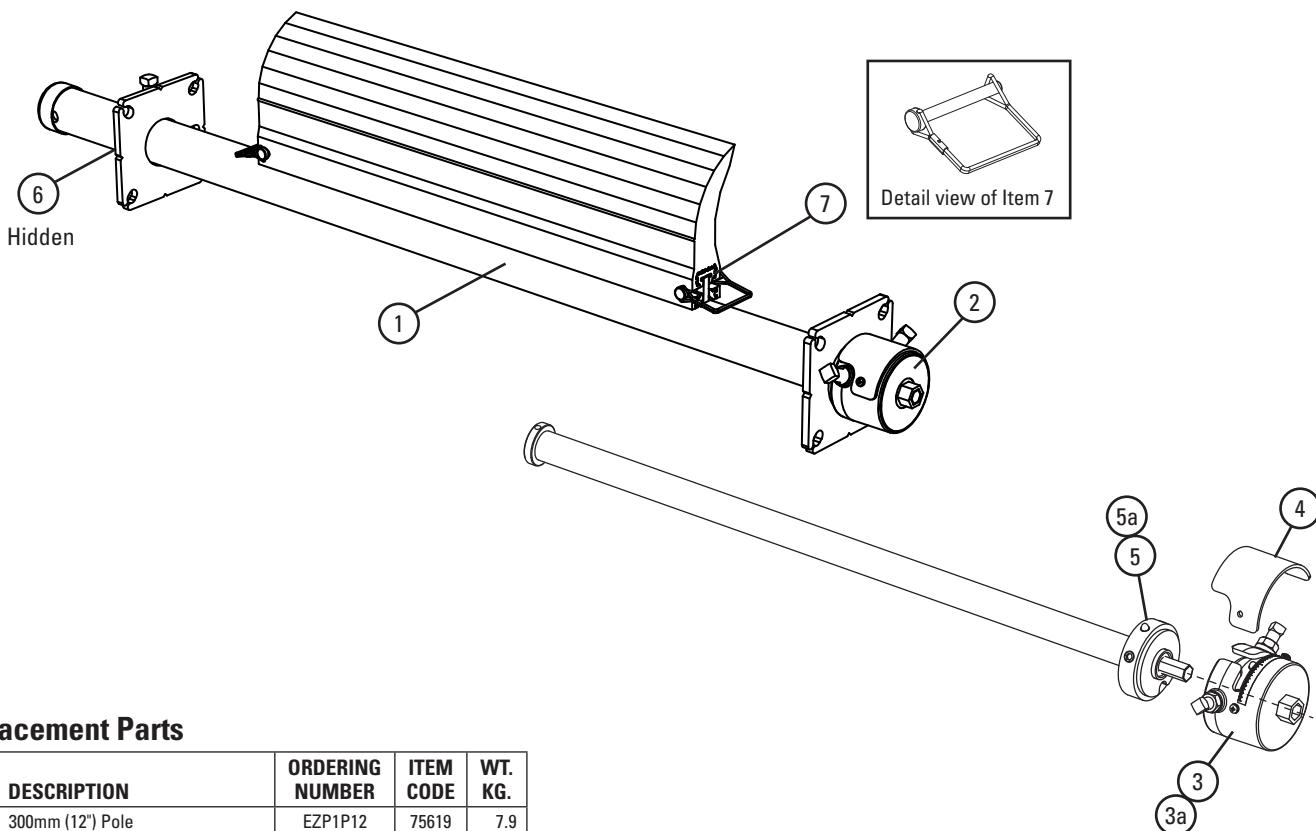
CLEANER BLADE WIDTH	76403 EST-P	76404 EST-S	76405 EST-B
ConShear™ 300–700mm (12–28")	X		
ConShear™ 850–1300mm (34–52")		X	
ConShear™ 1450–1750mm (58–70")			X

## Spring Tensioner Selection Chart - EST UHT

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

# 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
2	Torsion Mounting Plate Kit* (2 ea.)	EZPTMPK	78507	3.9
3	Torsion Cap Kit* (1 ea.) (incl. (1) ea. item 4)	EZPTCK	78508	1.5
3a	Torsion Cap Kit HD* (1 ea.) (incl. (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 (incl. (1) ea. items 3, 4, & 5)	EZPTBT	77384	7.9
-	Torsion Bar Tensioner HD (incl. (1) ea. 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 Food Grade Precleaner



### Belt Width Minus 50mm (2") - White Blade

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

### Belt Width Minus 200mm (8") - White Blade

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
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

### 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"), 200mm (8"), or 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**

## ConShear™ Blades - Purple

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

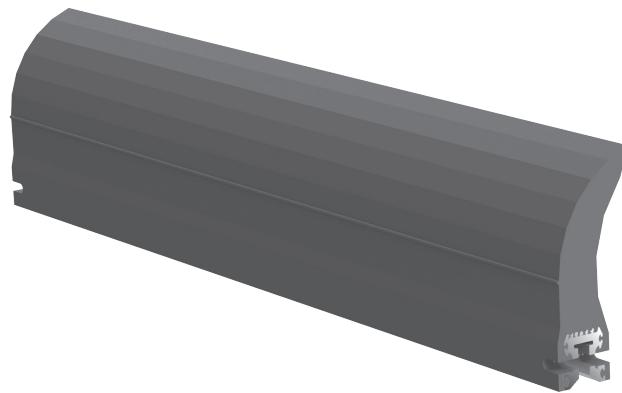
## Chemical Resistant/Food Grade

### ConShear™ Blades - White ‡

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.



## High-Temp ConShear™ Blades - 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.

## 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

U.S. Patent No. D482,508S

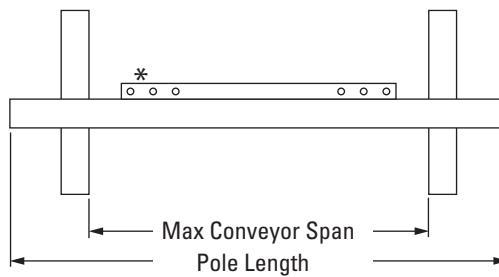
# Specifications & Guidelines

## EZP1 Stainless Steel Food Grade 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

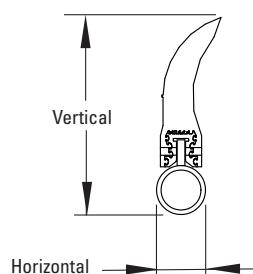
Pole Diameter - 60mm (2-3/8")



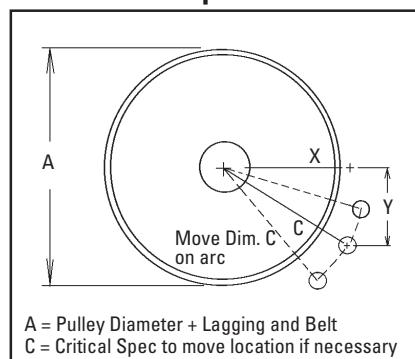
\*Each pole size can be used with a blade size either belt width minus 50mm (2"), 200mm (8"), or 350mm (14").

### Clearance Guidelines for Installation

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



### Pole Location Specs

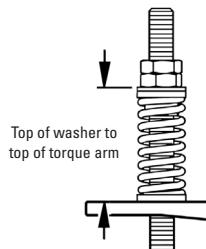


A = Pulley Diameter + Lagging and Belt  
C = Critical Spec to move location if necessary

### EST Spring Length Chart

BLADE WIDTH		PURPLE SPRINGS		WHITE SPRINGS		GOLD SPRINGS	
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



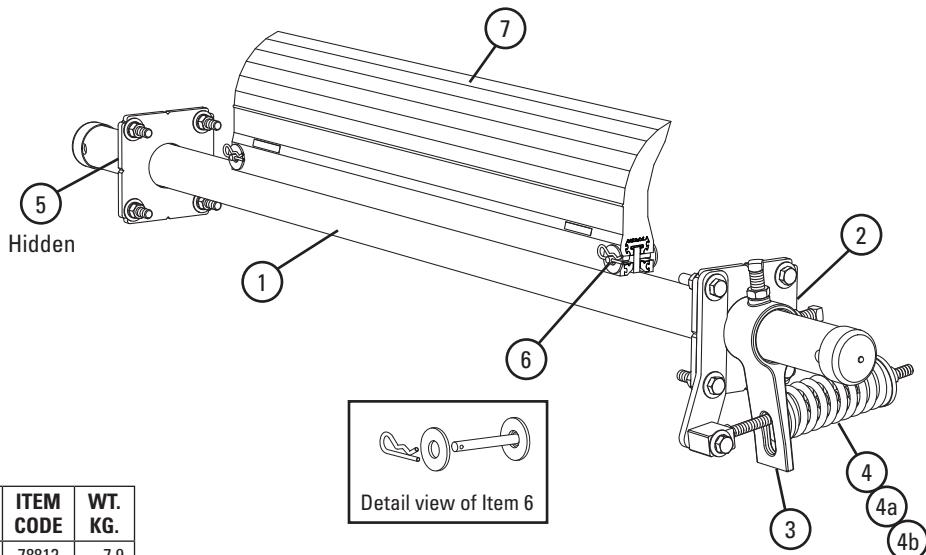
### Pole Location Chart

A		X		Y		C	
mm	in.	mm	in.	mm	in.	mm	in.
250	10	74	3	230	9	242	9 1/2
275	11	92	3 3/4	230	9	248	9 3/4
300	12	108	4 3/8	230	9	254	10
325	13	131	5 3/8	230	9	265	10 1/2
350	14	146	5 7/8	230	9	273	10 3/4
375	15	166	6 3/8	230	9	284	11 1/4
400	16	179	7 1/8	230	9	291	11 1/2
425	17	195	7 7/8	230	9	301	12
450	18	207	8 1/4	230	9	309	12 1/4
475	19	223	9	230	9	320	12 3/4
500	20	235	9 3/8	230	9	329	13
525	21	249	10	230	9	339	13 1/2
550	22	266	10 3/4	230	9	352	14
575	23	283	11 3/8	230	9	365	14 1/2
600	24	299	12	230	9	377	15
625	25	314	12 5/8	230	9	390	15 1/2
650	26	330	13 1/4	230	9	402	16
675	27	346	13 7/8	230	9	415	16 1/2
700	28	360	14 3/8	230	9	427	17
725	29	374	15	230	9	439	17 1/2
775	30	389	15 5/8	230	9	452	18
775	31	403	16 1/8	230	9	464	18 1/2
825	32	417	16 3/4	230	9	477	19
825	33	432	17 1/4	230	9	489	19 1/2
850	34	446	17 7/8	230	9	501	20
875	35	460	18 3/8	230	9	514	20 1/2
900	36	474	19	230	9	526	21

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# Replacement Parts List

## EZP1 Stainless Steel Food Grade Precleaner



### 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* (incl. (1) ea. items 2, 3, 4)	EST-P-S/S	78808	3.5
–	SS EST Tensioner – White* (incl. (1) ea. items 2, 3, 4a)	EST-W-S/S	78809	3.6
–	SS EST Tensioner – Gold* (incl. (1) ea. 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

U.S. Patent No. D482,508

# Product Ordering Information

**EZP-LS**  
*Limited Space 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

## 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

## 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"), 200mm (8"), or 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

# Product Ordering Information

**EZP-LS**  
*High-Temp Limited Space Precleaner*

## Belt Width Minus 50mm (2") - Yellow Blade

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



## 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"), 200mm (8"), or 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. D482,508

# ConShear™ LS Replacement Blades

**EZP-LS**  
**Limited Space Precleaner**

## ConShear™ LS Blades - Purple

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

Other blade sizes available upon request.

Lead time: 1 working day



## Chemical Resistant/Food Grade

## ConShear™ LS Blades - White ‡

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

## High-Temp ConShear™ LS Blades - Yellow

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

## 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

U.S. Patent No. D482,508S

# Specifications & Guidelines

**EZP-LS**  
**Limited Space Precleaner**

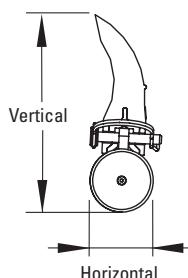
## Pole Length Specifications

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")

## Clearance Guidelines for Installation

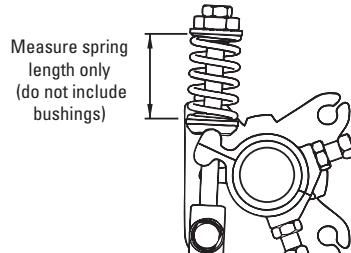
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
mm	in.	mm	in.
75	3	165	6 1/2



## LST Spring Length Chart

BLADE WIDTH		PURPLE SPRINGS		WHITE SPRINGS		SILVER SPRINGS	
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

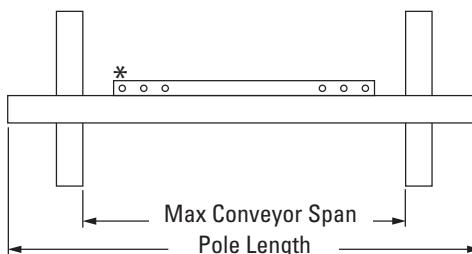
Shading indicates preferred spring option



## Specifications:

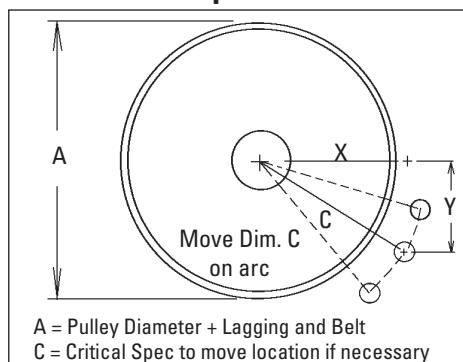
- Maximum Belt Speed ..... 2.5m/s (500 FPM)
- Temperature Rating (ConShear, ConShear White) ..... -35 to 82°C (-30 to 180°F)
- Temperature Rating (ConShear High Temp) ..... Up to 135°C (275°F) with spikes to 164°C (325°F)
- Minimum Pulley Diameter..... 150mm (6")
- Blade Height..... 115mm (4.5")
- Usable 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

## Pole Location Specs



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

## Pole Location Specs

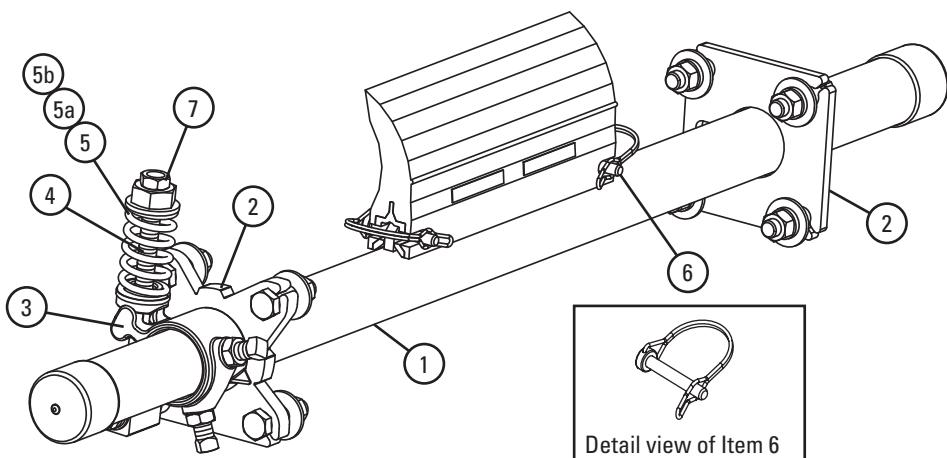


## Pole Location Chart

A		X		Y		C	
mm	in.	mm	in.	mm	in.	mm	in.
150	6	65	2 5/8	140	5 1/2	150	6 1/8
175	7	81	3 1/4	140	5 1/2	155	6 3/8
200	8	96	3 7/8	140	5 1/2	162	6 3/4
225	9	109	4 3/8	140	5 1/2	171	7
250	10	125	5	140	5 1/2	179	7 3/8
275	11	138	5 1/2	140	5 1/2	189	7 3/4
300	12	153	6 1/8	140	5 1/2	198	8 1/4
325	13	166	6 5/8	140	5 1/2	209	8 5/8
350	14	178	7 1/8	140	5 1/2	219	9
375	15	191	7 5/8	140	5 1/2	229	9 3/8
400	16	206	8 1/4	140	5 1/2	239	9 7/8
425	17	219	8 3/4	140	5 1/2	252	10 3/4
450	18	231	9 1/4	140	5 1/2	263	10 3/4
475	19	244	9 3/4	140	5 1/2	273	11 1/4
500	20	256	10 1/4	140	5 1/2	284	11 5/8
525	21	269	10 3/4	140	5 1/2	295	12 1/8
550	22	281	11 1/4	140	5 1/2	307	12 1/2

# 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 & (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.)	LS-SPK	77365	0.1
5a	Tension Spring - White (1 ea.)	LS-SW	77117	0.1
5b	Tension Spring - Silver (1 ea.)	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	0.1
-	LST Spring Tensioner* - Purple (incl. (1) tensioner mounting plate & (1) ea. items 3, 4 & 5)	LST-P	77121	3.4
-	LST Spring Tensioner* - White (incl. (1) tensioner mounting plate & (1) ea. items 3, 4 & 5a)	LST-W	77122	3.4
-	LST Spring Tensioner* - Silver (incl. (1) tensioner mounting plate & (1) ea. items 3, 4 & 5b)	LST-S	77123	3.4

\*Hardware Included

## 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.

## Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	77121 LST-P	77122 LST-W	77123 LST-S
ConShear™-LS 250–400mm (10–16")	X		
ConShear™-LS 550–1150mm (22–46")		X	
ConShear™-LS 1300–1450mm (52–58")			X

For best results use Flexco Genuine Replacement Blades and Parts.

U.S. Patent No. D482,508S

# Product Ordering Information

## EZP-LS Stainless Steel Limited Space Precleaner

### Belt Width Minus 50mm (2") - White Blade

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



### Belt Width Minus 200mm (8") - White Blade

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 minus 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

# ConShear™ LS Replacement Blades

**EZP-LS**  
**Limited Space Precleaner**

## ConShear™ LS Blades - Purple

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



## Chemical Resistant/Food Grade

## ConShear™ LS Blades - White ‡

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

## High-Temp ConShear™ LS Blades - Yellow

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.

## 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

U.S. Patent No. D482,508S

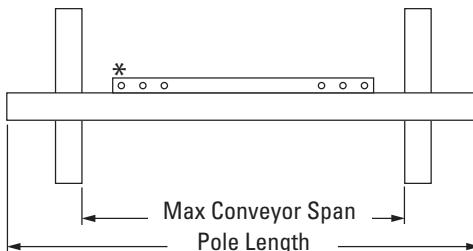
# Specifications & Guidelines

## EZP-LS Stainless Steel 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

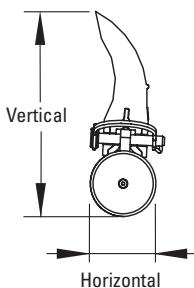
Pole Diameter - 48mm (1-7/8")



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

### Clearance Guidelines for Installation

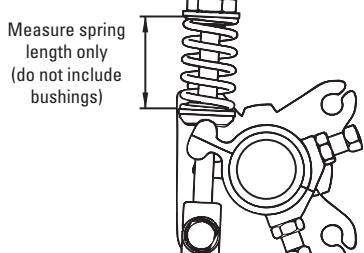
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
mm	in.	mm	in.
75	3	165	6 1/2



### Spring Length Chart

BLADE WIDTH		BLACK SPRINGS		WHITE SPRINGS		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

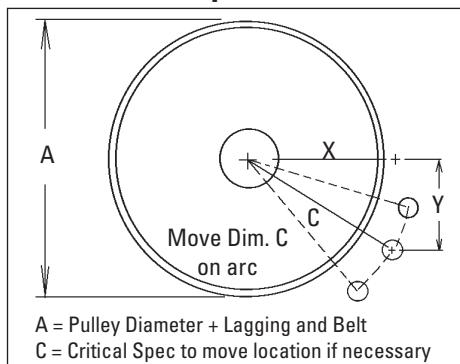
Shading indicates preferred spring option



### Specifications:

- Maximum Belt Speed ..... 2.5m/s (500 FPM)
- Temperature Rating (ConShear™, ConShear™ White) ..... -35 to 82°C (-30 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

### Pole Location Specs

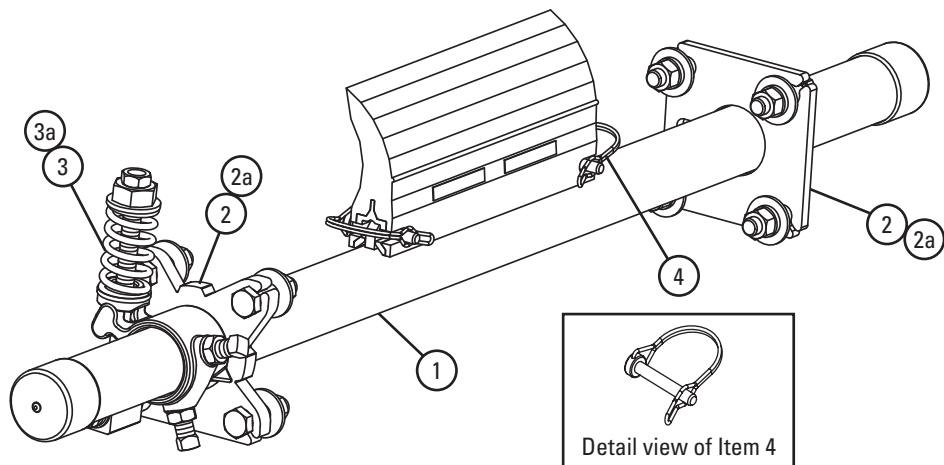


### Pole Location Chart

A	X	Y	C
mm	in.	mm	in.
150	6	65	2 5/8
175	7	81	3 1/4
200	8	96	3 7/8
225	9	109	4 3/8
250	10	125	5
275	11	138	5 1/2
300	12	153	6 1/8
325	13	166	6 5/8
350	14	178	7 1/8
375	15	191	7 5/8
400	16	206	8 1/4
425	17	219	8 3/4
450	18	231	9 1/4
475	19	244	9 3/4
500	20	256	10 1/4
525	21	269	10 3/4
550	22	281	11 1/4

# Replacement Parts List

## EZP-LS Stainless Steel Limited Space Precleaner



### 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 (1) pole mounting plate)	LSTMPK-S/S	78933	1.6
2a	SS Mounting Plate Kit (1300mm+/52"+)* (incl. (2) tensioner mounting plate)	LSTMPK2-S/S	78462	3.3
3	Tension Spring - Black (1 ea.)	CTS-B-S/S	78387	0.1
3a	Tension Spring - White (1 ea.)	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)	LST-B-S/S	77124	3.4
-	SS LST Spring Tensioner* - White (incl. (1) ea. items 2 & 3a)	LST-W-S/S	77125	3.4
-	SS LST Spring Tensioner* - White (dual) (incl. (1) ea. item 2a & (2) ea. item 3a)	LST-W-S/S-2	77126	6.9

\*Hardware Included

### Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	77124 LST-B-S/S	77125 LST-W-S/S	77126 LST-W-S/S-2
FG-LS 10–28" (250–700mm)	X		
FG-LS 34–46" (850–1150mm)		X	
FG-LS 52–70" (1300–1750mm)			X

# Product Ordering Information

**MSP**  
*Standard Mine-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



## 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. For extreme, abusive applications see the MHP Heavy-Duty Precleaner or the MHCP Heavy-Duty Cartridge Precleaner.
- 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"), 200mm (8"), or 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.
- 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.

U.S. Patent No. D482,508S

# Product Ordering Information

## MSP Ultra High-Temp Standard Mine-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-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



### 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

### 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

### 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"), 200mm (8"), or 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

## MSP Stainless Steel Standard Mine-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



### 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"), 200mm (8"), or 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.
- 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.

U.S. Patent No. D482,508S

# ConShear™ Replacement Blades

**MSP**  
*Standard Mine-Duty Precleaner*

## ConShear™ Blades - Purple

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

## Chemical Resistant/Food Grade ConShear™ Blades - White ‡

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

## High-Temp ConShear™ Blades - 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

## Ultra High-Temp ConShear™ Blades - Red

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
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

U.S. Patent No. D482,508S

## 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.

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

## Clearance Guidelines for Installation

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

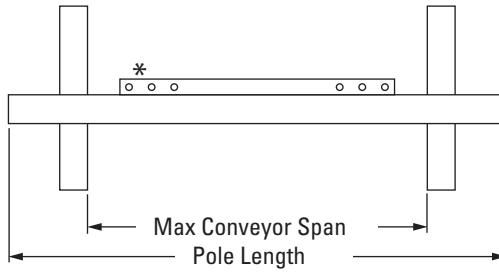
## Spring Length Chart

BLADE WIDTH		PURPLE SPRINGS		WHITE SPRINGS		GOLD SPRINGS	
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

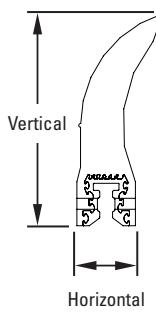
Shading indicates preferred spring option

## Specifications:

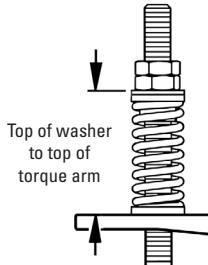
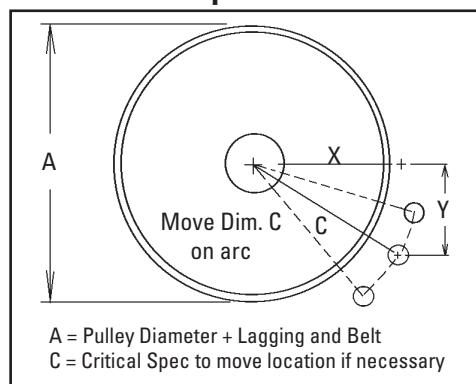
- Maximum Belt Speed ..... 3.5m/s (700 FPM)
- Temperature Rating (ConShear™, ConShear™ White) ..... -35 to 82°C (-30 to 180°F)
- Temperature Rating (ConShear™ High-Temp) ..... Up to 135°C (275°F) with spikes to 164°C (325°F)
- Minimum Pulley Diameter ..... 400mm (16')
- Blade Height ..... 185mm (7-1/4")
- Usable Blade Wear Length ..... 100mm (4")
- Blade Material ..... Polyurethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths ..... 600 to 2100mm (24 to 84")
- CEMA Cleaner Classification ..... Class 3



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



## Pole Location Specs



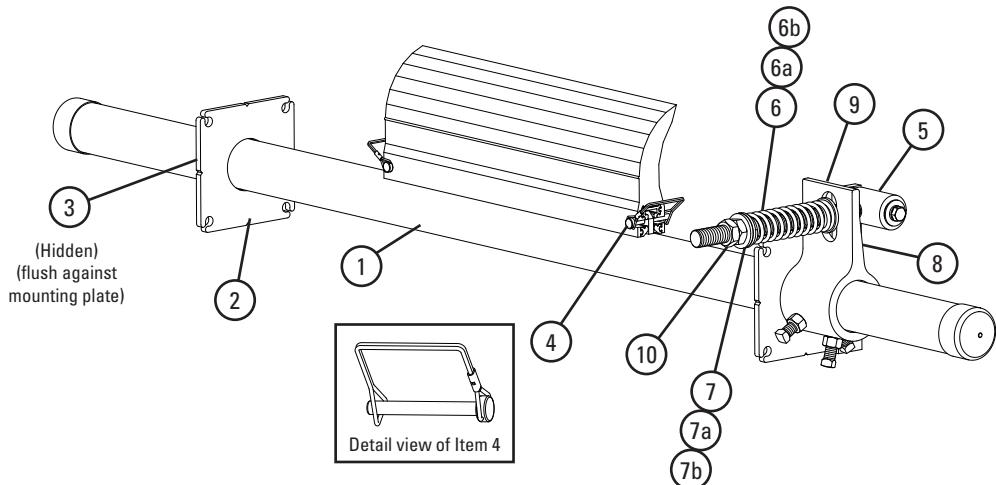
## Pole Location Chart

A		X		Y		C	
mm	in.	mm	in.	mm	in.	mm	in.
450	16	204	7 1/8	230	9	308	11 1/2
475	17	222	7 7/8	230	9	320	12
500	18	232	8 1/4	230	9	326	12 1/4
525	19	248	9	230	9	338	12 3/4
550	20	266	9 3/8	230	9	352	13
575	21	282	10	230	9	364	13 1/2
600	22	298	10 3/4	230	9	376	14
625	23	312	11 3/8	230	9	388	14 1/2
650	24	330	12	230	9	402	15
675	25	344	12 5/8	230	9	414	15 1/2
700	26	358	13 1/4	230	9	426	16
725	27	372	13 7/8	230	9	438	16 1/2
750	28	390	14 3/8	230	9	452	17
775	29	402	15	230	9	464	17 1/2
800	30	416	15 5/8	230	9	476	18
825	31	430	16 1/8	230	9	488	18 1/2
850	32	446	16 3/4	230	9	502	19
875	33	460	17 1/4	230	9	514	19 1/2
900	34	474	17 7/8	230	9	526	20
925	35	486	18 3/8	230	9	538	20 1/2
950	36	502	19	230	9	552	21
975	37	514	19 1/2	230	9	564	21 1/2
1000	38	528	20	230	9	576	22
1025	39	542	20 5/8	230	9	588	22 1/2
1050	40	556	21 1/8	230	9	602	23
1075	41	572	21 3/4	230	9	616	23 1/2
1100	42	588	22 1/4	230	9	630	24

U.S. Patent No. D482,508S

# 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
	Mounting Plate Kit* (2 ea.)	MSPMPK	75811	3.8
2	Pole Lock* (1 ea.)	MSPPL	75816	0.9
3	Blade Pin Kit* (1 ea.)	MSPBP	107852	0.04
4	Pivot Arm Kit* (1 ea.)	QMTPAK	76096	2.0
5	Tension Spring - Purple (1 ea.)	QMTS-P	75845	0.3
6a	Tension Spring - White (1 ea.)	PSTS-W	75898	0.8
6c	Tension Spring - Gold (1 ea.)	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)	QMT-P	76074	9.3
-	QMT Spring Tensioner* - White (incl. (1) ea. items 5, 6a, 7a, 8, & 9)	QMT-W	76075	9.9
-	QMT Spring Tensioner* - Gold (incl. (1) ea. items 5, 6b, 7b, 8, & 9)	QMT-G	76483	10.5
-	QMT Ultra High-Temp Tensioner* - Purple (incl. (1) ea. items 5, 6a, 7, 8, & 9)	QMT-A-P	91285	9.3
-	QMT Ultra High-Temp Tensioner* - White (incl. (1) ea. items 5, 6b, 7, 8, & 9)	QMT-A-W	91286	9.9

\*Hardware Included

Lead Time: 1 working day

## Spring Tensioner Selection Chart

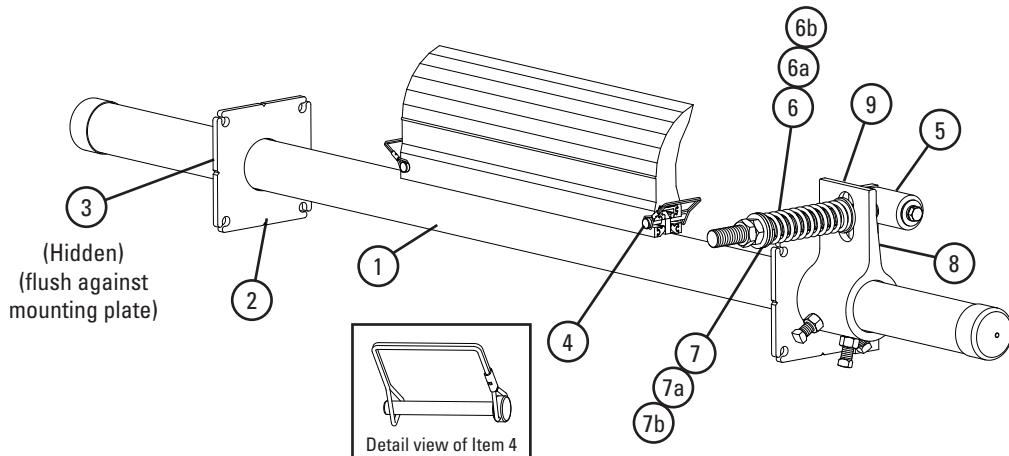
CLEANER BLADE WIDTH	76074 QMT-P	76075 QMT-W	76483 QMT-G
ConShear™ 400–700mm (16–28")	X		
ConShear™ 850–1750mm (34–70")		X	
ConShear™ 1900–2050mm (76–82")			X

## Spring Tensioner Selection Chart - UHT

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

## MSP Stainless Steel Standard Mine-Duty Precleaner



### Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	600mm (24") SS Pole	MSPP24-S/S	77472	19.3
	750mm (30") SS Pole	MSPP30-S/S	77473	20.9
	900mm (36") SS Pole	MSPP36-S/S	77474	22.9
	1050mm (42") SS Pole	MSPP42-S/S	77475	25.2
	1200mm (48") SS Pole	MSPP48-S/S	77476	27.2
	1350mm (54") SS Pole	MSPP54-S/S	77477	29.0
	1500mm (60") SS Pole	MSPP60-S/S	77478	30.4
	1800mm (72") SS Pole	MSPP72-S/S	77479	34.5
	2100mm (84") SS Pole	MSPP84-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	Blade Pin Kit* (1 ea.)	MSPBP	107852	0.04
5	SS Pivot Arm Kit* (1 ea.)	QMTPAK-S/S	77587	2.0
6	SS Tension Spring - Purple (1 ea.)	QMTS-P-S/S	77450	0.3
6a	SS Tension Spring - White (1 ea.)	QMTS-W-S/S	77451	0.8
6b	SS Tension Spring - Gold (1 ea.)	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.)	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)	QMT-P-S/S	77584	9.3
-	SS QMT Spring Tensioner* - White (incl. (1) ea. items 5, 6a, 7a, 8, & 9)	QMT-W-S/S	77585	9.9
-	SS QMT Spring Tensioner* - Gold (incl. 91) ea. items 5, 6b, 7b, 8, & 9)	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

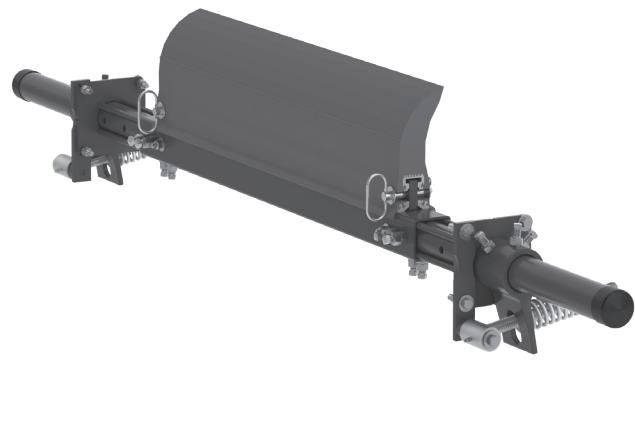
CLEANER BLADE WIDTH	77584 QMT-P-S/S	77585 QMT-W-S/S	77586 QMT-G-S/S
ConShear™ 400–700mm (16–28")	X		
ConShear™ 850–1750mm (34–70")		X	
ConShear™ 1900–2050mm (76–82")			X

# Product Ordering Information

**MMP**  
*Medium Mine-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	76450	72.3
750	30	600	24	MMP-630	76451	79.4
900	36	750	30	MMP-636	76452	86.4
1050	42	900	36	MMP-642	76453	93.5
1200	48	1050	42	MMP-648	76454	100.6
1350	54	1200	48	MMP-654	76455	107.7
1500	60	1350	54	MMP-660	76456	114.7
1800	72	1650	66	MMP-672	76457	132.0
2100	84	1950	78	MMP-684	76798	156.1
2400	96	2250	90	MMP-696	79033	180.1
2700	108	2550	102	MMP-6108	90147	204.1
3000	120	2850	114	MMP-6120	90148	228.2



## 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	76551	76.2
900	36	600	24	MMP-1236	76552	83.3
1050	42	750	30	MMP-1242	76553	90.3
1200	48	900	36	MMP-1248	76554	97.4
1350	54	1050	42	MMP-1254	76555	104.5
1500	60	1200	48	MMP-1260	76556	111.6
1800	72	1500	60	MMP-1272	76557	128.8
2100	84	1800	72	MMP-1284	76799	152.9
2400	96	2100	84	MMP-1296	79034	176.9
2700	108	2400	96	MMP-12108	90149	201.0
3000	120	2700	108	MMP-12120	90150	225.0

## Belt Width Minus 450mm (18")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
900	36	450	18	MMP-1836	77575	80.1
1050	42	600	24	MMP-1842	77576	87.2
1200	48	750	30	MMP-1848	77577	94.2
1350	54	900	36	MMP-1854	77578	101.3
1500	60	1050	42	MMP-1860	77579	108.4
1800	72	1350	54	MMP-1872	77580	125.7
2100	84	1650	66	MMP-1884	77581	149.7
2400	96	1950	78	MMP-1896	79040	173.7
2700	108	2250	90	MMP-18108	91926	197.8
3000	120	2550	102	MMP-18120	91927	221.8

## Product Notes:

- Recommended for medium-duty conveyor applications.  
For abusive applications see the MHCP Heavy-Duty Cartridge Precleaner.
- 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"), 300mm (12"), or 450mm (18")).
- Pole Length: Belt width plus 1350mm (54"). For longer requirements see Installation Accessories - Pole Extender Kit.
- 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.

## Belt Width Minus 450mm (24")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
1050	42	450	18	MMP-2442	91928	84.0
1200	48	600	24	MMP-2448	91929	91.1
1350	54	750	30	MMP-2454	91930	98.1
1500	60	900	36	MMP-2460	91931	105.2
1800	72	1200	48	MMP-2472	91932	122.5
2100	84	1500	60	MMP-2484	91933	146.5
2400	96	1800	72	MMP-2496	91934	170.6
2700	108	2100	84	MMP-24108	91935	194.6
3000	120	2400	96	MMP-24120	91936	218.6

## Optional Mounting Kits

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Optional Mounting Bar Kit *	MMBK	75830	8.8
Mounting Plate Kit * (2 plates)	MMPK	76537	63.5

\*Hardware Included

Standard Lead time: 1 working day

Shaded items are made to order.

Lead time: 3 weeks

# Product Ordering Information

## MMP Stainless Steel Medium Mine-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



### 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

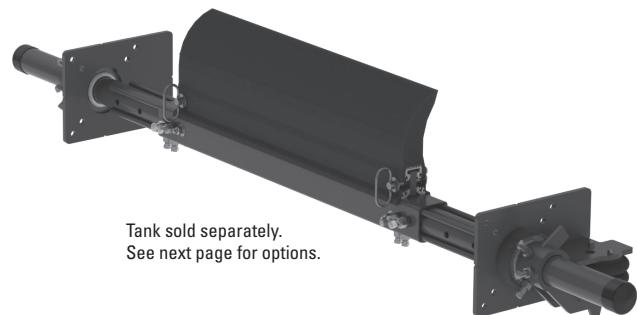
### Product Notes:

- 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"), 300mm (12"), or 450mm (18")).
- Pole Length: Belt width plus 1350mm (54"). For longer requirements see Installation Accessories - Pole Extender Kit.
- 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.

U.S. Patent No. D482,508S

# Product Ordering Information

## MMP Medium Mine-Duty Precleaner with Pneumatic Air Tensioner



### 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	112.8
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	151.3
2100	84	1950	78	MMP-684P	78714	175.4
2400	96	2250	90	MMP-696P	79037	199.4
2700	108	2550	102	MMP-6108P	90389	223.4
3000	120	2850	114	MMP-6120P	90390	247.5

### 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	116.7
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	196.2
2700	108	2400	96	MMP-12108P	90391	220.3
3000	120	2700	108	MMP-12120P	90392	244.3

### Belt Width Minus 450mm (18")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
900	36	450	18	MMP-1836P	91995	99.4
1050	42	600	24	MMP-1842P	91996	106.3
1200	48	750	30	MMP-1848P	91997	113.6
1350	54	900	36	MMP-1854P	91998	120.6
1500	60	1050	42	MMP-1860P	91999	127.7
1800	72	1350	54	MMP-1872P	92000	145.0
2100	84	1650	66	MMP-1884P	92001	169.0
2400	96	1950	78	MMP-1896P	92002	193.1
2700	108	2250	90	MMP-18108P	92003	217.1
3000	120	2550	102	MMP-18120P	92004	241.1

### Belt Width Minus 600mm (24")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
1050	42	450	18	MMP-2442P	92005	103.1
1200	48	600	24	MMP-2448P	92006	110.4
1350	54	750	30	MMP-2454P	92007	117.5
1500	60	900	36	MMP-2460P	92008	124.5
1800	72	1200	48	MMP-2472P	92009	141.8
2100	84	1500	60	MMP-2484P	92010	165.9
2400	96	1800	72	MMP-2496P	92011	189.9
2700	108	2100	84	MMP-24108P	92012	213.9
3000	120	2400	96	MMP-24120P	92013	238.0

### Product Notes:

- Recommended for medium-duty conveyor applications. For abusive applications see MHCP Heavy-Duty Cartridge Precleaner.
- 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"), 300mm (12"), or 450mm (18")).
- Pole Length: Belt width plus 1350mm (54"). For longer requirements see Installation Accessories - Pole Extender Kit.
- Pneumatic Air Tensioner used for constant, automatic tension throughout the life of the blades. Can be used with site-available air lines or with add-on Control Box or Control Box/Tank Combo Kit.
- To make cleaner installation easier and quicker, see Optional Mounting Kits.

U.S. Patent No. D482,508S

# Product Ordering Information

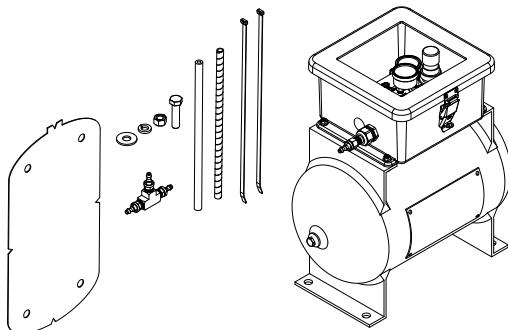
## Line Connections for Pneumatic Air Tensioner

### Control Box/Tank Combo Units for Closed System

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Control Box/Tank Combo Unit for Precleaner - 60 PSI	PAT-C-60	108230	29.0
Control Box/Tank Combo Unit for Secondary Cleaner - 100 PSI	PAT-C-100	108231	29.0

#### Product Notes:

- For use with cleaners with new PAT systems.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction tank.
- Fully sealed enclosure includes all critical items - regulator, tank gauge, downstream gauge, schrader valve, in-line filter, downstream valve.

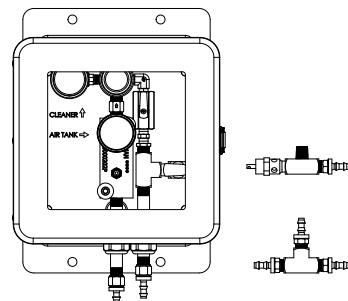


### Control Box for Legacy Tank

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Control Box Kit for Precleaner - 60 PSI	PACB2-60	108228	6.2
Control Box Kit for Secondary Cleaner - 100 PSI	PACB2-100	108229	6.2

#### Product Notes:

- For use with Legacy PAT1/PAT2 tank systems ordered prior to January 2024.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- May also be paired with Air Tank for Legacy Control Box if preferred.

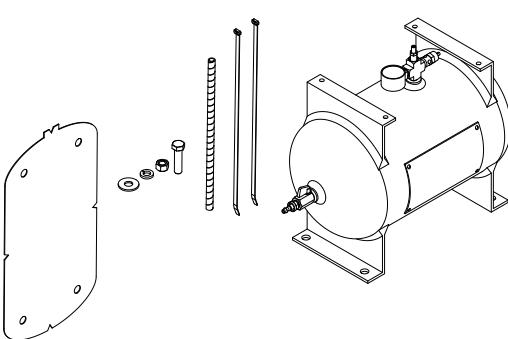


### Air Tank for Legacy Control Box

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
ASME Air Tank Kit	PAT-N	108232	21.5

#### Product Notes:

- For use with Legacy PACB60/PACB100 control boxes ordered prior to January 2024.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction tank.
- May also be paired with Control Box for Legacy Tank if preferred.



### Replacement Parts List

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
10' (3m) Hose Kit	PATHK	78794	0.7
Upgrade Fitting Kit (fill valve, push-on fittings, plugs)	AWTRK	79319	0.2

# TuffShear™ Replacement Blades

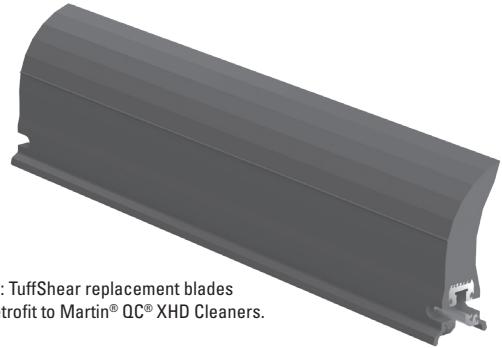
**MMP**  
**Medium Mine-Duty Precleaner**

## TuffShear™ Blades - Purple

BLADE WIDTH in. mm	ORDERING NUMBER	ITEM CODE	WT. LBS.
18 450	TRB18	76485	21.0
24 600	TRB24	76486	28.0
30 750	TRB30	76487	35.0
36 900	TRB36	76488	42.0
42 1050	TRB42	76489	49.0
48 1200	TRB48	76490	56.0
54 1350	TRB54	76491	63.0
60 1500	TRB60	76492	70.0
66 1650	TRB66	76493	77.0
72 1800	TRB72	76494	84.0
78 1950	TRB78	76697	91.0
84 2100	TRB84	77047	98.0
90 2250	TRB90	77048	105.0
96 2400	TRB96	90358	112.0
102 2550	TRB102	90359	119.0
108 2700	TRB108	90360	126.0
114 2850	TRB114	90361	133.0

Other blade sizes available upon request.

Lead time: 1 working day



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

## High-Temp TuffShear™ Blades - Yellow

BLADE WIDTH in. mm	ORDERING NUMBER	ITEM CODE	WT. LBS.
18 450	TRB-HT18	78754	21.0
24 600	TRB-HT24	78755	28.0
30 750	TRB-HT30	78756	35.0
36 900	TRB-HT36	78757	42.0
42 1050	TRB-HT42	78758	49.0
48 1200	TRB-HT48	78759	56.0
54 1350	TRB-HT54	78760	63.0
60 1500	TRB-HT60	78761	70.0
66 1650	TRB-HT66	78762	77.0
72 1800	TRB-HT72	78763	84.0
78 1950	TRB-HT78	78764	91.0
84 2100	TRB-HT84	78765	98.0
90 2250	TRB-HT90	78766	105.0
96 2400	TRB-HT96	92698	112.0
102 2550	TRB-HT102	92704	119.0
108 2700	TRB-HT108	92710	126.0
114 2850	TRB-HT114	92716	133.0

Other blade sizes available upon request.

Lead time: 1 working day

## Ultra High-Temp TuffShear™ Blades - Red

BLADE WIDTH in. mm	ORDERING NUMBER	ITEM CODE	WT. LBS.
18 450	TRB-UHT18	91865	21.0
24 600	TRB-UHT24	91866	28.0
30 750	TRB-UHT30	91867	35.0
36 900	TRB-UHT36	91868	42.0
42 1050	TRB-UHT42	91869	49.0
48 1200	TRB-UHT48	91870	56.0
54 1350	TRB-UHT54	91871	63.0
60 1500	TRB-UHT60	91872	70.0
66 1650	TRB-UHT66	91873	77.0
72 1800	TRB-UHT72	91874	84.0
78 1950	TRB-UHT78	91875	91.0
84 2100	TRB-UHT84	91876	98.0
90 2250	TRB-UHT90	91877	105.0
96 2400	TRB-UHT96	92782	112.0
102 2550	TRB-UHT102	92788	119.0
108 2700	TRB-UHT108	92794	126.0
114 2850	TRB-UHT114	92800	133.0

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.

U.S. Patent No. D482,508S

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

# 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
2700	108	4050	162	2700	108	3750	150
3000	120	4350	174	3000	120	4050	162

\* 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")

## Clearance Guidelines for Installation

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

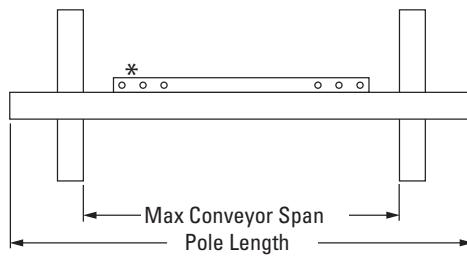
## Spring Length Chart

Blade Width		Purple Springs		White Springs		Gold Springs		Silver Springs	
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
450	18	112	4 3/8	150	6	N/A	N/A	N/A	N/A
600	24	N/A	N/A	146	5 3/4	150	6	N/A	N/A
750	30	N/A	N/A	140	5 1/2	149	5 7/8	N/A	N/A
900	36	N/A	N/A	137	5 3/8	146	5 3/4	N/A	N/A
1050	42	N/A	N/A	130	5 1/8	143	5 5/8	156	6 1/8
1200	48	N/A	N/A	127	5	143	5 5/8	156	6 1/8
1350	54	N/A	N/A	121	4 3/4	140	5 1/2	152	6
1500	60	N/A	N/A	115	4 1/2	137	5 3/8	152	6
1650	66	N/A	N/A	N/A	N/A	133	5 1/4	149	5 7/8
1800	72	N/A	N/A	N/A	N/A	130	5 1/8	149	5 7/8
1950	78	N/A	N/A	N/A	N/A	127	5	146	5 3/4
2100	84	N/A	N/A	N/A	N/A	124	4 7/8	146	5 3/4
2250	90	N/A	N/A	N/A	N/A	N/A	N/A	146	5 3/4
2400	96	N/A	N/A	N/A	N/A	N/A	N/A	143	5 5/8
2550	102	N/A	N/A	N/A	N/A	N/A	N/A	143	5 5/8
2700	108	N/A	N/A	N/A	N/A	N/A	N/A	140	5 1/2
2850	114	N/A	N/A	N/A	N/A	N/A	N/A	140	5 1/2

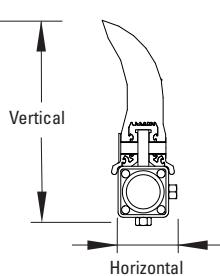
Shading indicates preferred spring option.

## Specifications:

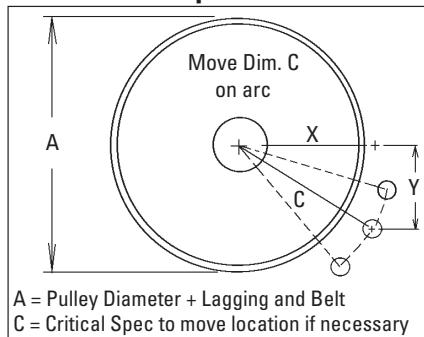
- Maximum Belt Speed ..... 5 m/sec (1000 FPM)
- Temperature Rating (TuffShear™) ..... -35 to 82°C (-30 to 180°F)
- Temperature Rating (TuffShear™ High-Temp) ..... Up to 135°C (275°F)  
with spikes to 164°C (325°F)
- Minimum Pulley Diameter ..... 400mm (16")
- Blade Height ..... 250mm (10")
- Usable Blade Wear Length ..... 150mm (6")
- Blade Material ..... Polyurethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths ..... 600 to 3000mm (24 to 120").  
Other sizes available upon request.
- CEMA Cleaner Rating ..... Class 4



\*Each pole size can be used with a blade size down to 450mm (18") in 150mm (6") increments



## Pole Location Specs

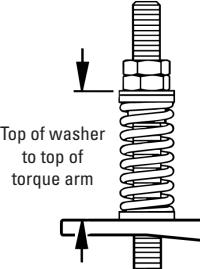


A = Pulley Diameter + Lagging and Belt  
C = Critical Spec to move location if necessary

## Pressure Chart

Blade Width		Pressure	
mm	in.	kPa	PSI
450	18	34	5
600	24	41	6
800	32	55	8
900	36	62	9
1050	42	76	11
1200	48	90	13
1350	54	97	14
1500	60	110	16
1650	66	117	17
1800	72	131	19
1950	78	145	21
2100	84	152	22
2250	90	165	24

PSI setting is based on the belt width.

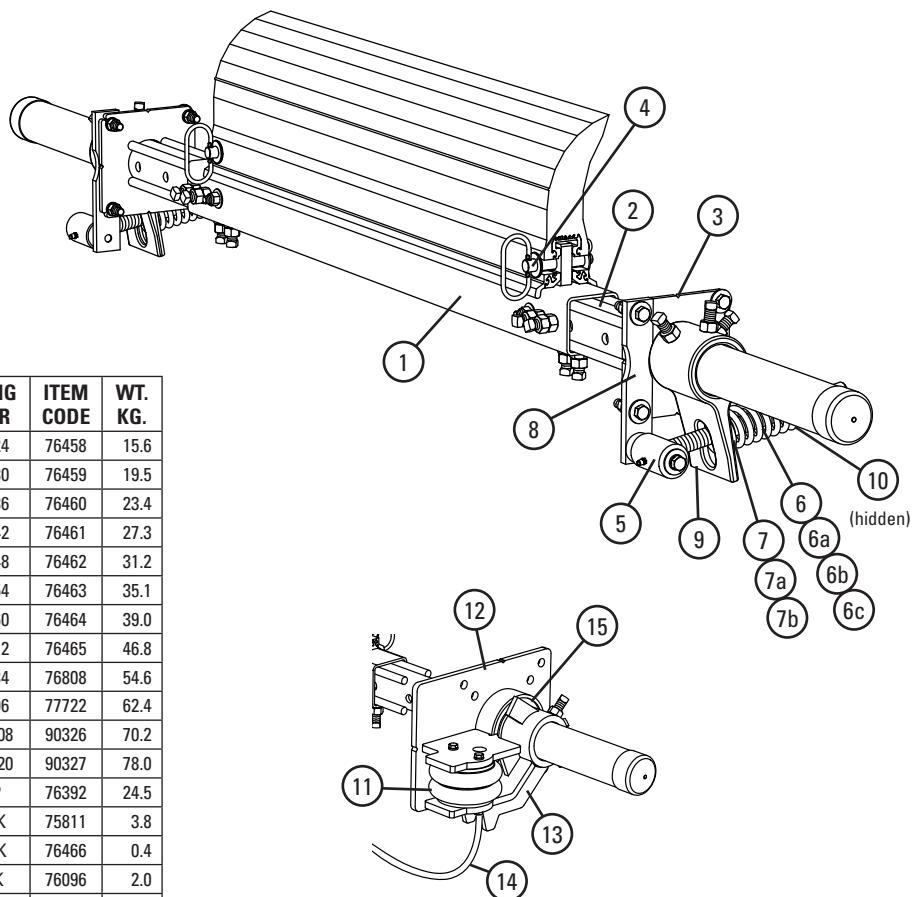


A	X	Y	C
mm	in.	mm	in.
400	16	206	8 1/8
425	17	222	8 3/4
450	18	235	9 1/4
475	19	248	9 3/4
500	20	264	10 3/8
525	21	279	11
550	22	292	11 1/2
575	23	305	12
600	24	321	12 5/8
625	25	333	13 1/8
650	26	346	13 5/8
675	27	359	14 1/8
700	28	371	14 5/8
725	29	387	15 1/4
750	30	397	15 5/8
775	31	410	16 1/8
800	32	425	16 3/4
825	33	438	17 1/4
850	34	451	17 3/4
875	35	464	18 1/4
900	36	476	18 3/4
925	37	492	19 3/8
950	38	502	19 3/4
975	39	518	20 3/8
1000	40	527	20 3/4
1025	41	543	21 3/8
1050	42	556	21 7/8
1075	43	572	22 1/2
1100	44	587	23 1/8
1125	45	600	23 5/8
1150	46	613	24 1/8
1175	47	629	24 3/4
1200	48	641	25 1/4

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.)	MSPPMPK	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.)	QMTS-P	75845	0.3
6a	Tension Spring - White (1 ea.)	PSTS-W	75898	0.8
6b	Tension Spring - Gold (1 ea.)	QMTS-G	76484	1.1
6c	Tension Spring - Silver (1 ea.)	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)	QMT-P	76074	9.3
-	QMT Spring Tensioner* - White (incl. (1) ea. items 5, 6a, 7a, 8, & 9)	QMT-W	76075	9.9
-	QMT Spring Tensioner* - Gold (incl. (1) ea. items 5, 6b, 7b, 8, & 9)	QMT-G	76483	10.5
-	QMT Spring Tensioner* - Silver (incl. (1) ea. items 5, 6c, 7a, 8 & 9)	QMT-S	79039	9.2
11	Air/Water Bag (1 ea.)	AWTB	75905	1.7
12	Mounting Base (1 ea.)	AWTMB	75906	10.4
13	Torque Arm* (1 ea.)	AWTA	75907	5.3
14	Hose Kit (50' of hose & (6) hose clamps)	AWTHK	75909	3.0
15	AWT Pole Bearing Assy (for cleaners shipped after 4/2016)	AWTPBA	90000	1.0
-	AWT Air/Water Tensioner (incl. (2) ea. items 11,12, 13 & 14)	AWTNBC	76069	34.1

\*Hardware Included

Lead Time: 1 working day

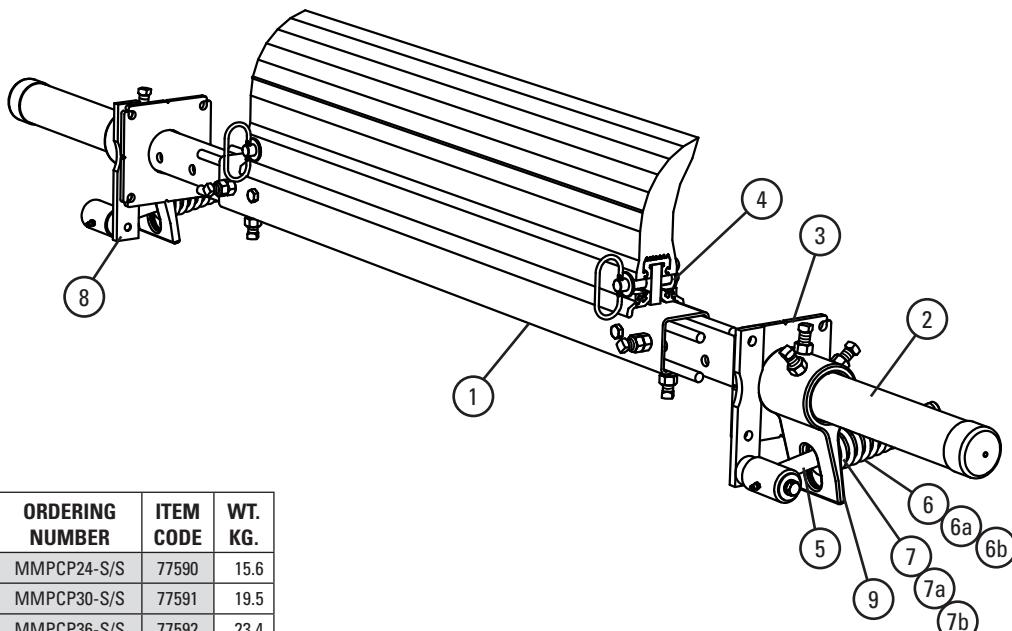
## Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	76074 QMT-P	76075 QMT-W	76483 QMT-G	79039 QMT-S
TuffShear™ 450–600mm (18–24")	X			
TuffShear™ 750–1200mm (30–48")		X		
TuffShear™ 1350–1950mm (54–78")			X	
TuffShear™ 2100–2250mm (84–90")				X

U.S. Patent No. D482,508S

# Replacement Parts List

## Stainless Steel MMP Medium Mine-Duty Precleaner



### Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. 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.)	MSPPMPK-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.)	QMTS-P-S/S	77450	0.3
6a	SS Tension Spring - White (1 ea.)	QMTS-W-S/S	77451	0.8
6b	SS Tension Spring - Gold (1 ea.)	QMTS-G-S/S	77452	1.1
6c	SS Tension Spring - Silver (1 ea.)	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)	QMT-P-S/S	77584	9.3
-	SS QMT Spring Tensioner* - White (incl. (1) ea. items 5, 6a, 7a, 8, & 9)	QMT-W-S/S	77585	9.9
-	SS QMT Spring Tensioner* - Gold (incl. (1) ea. items 5, 6b, 7b, 8, & 9)	QMT-G-S/S	77586	10.5
-	SS QMT Spring Tensioner* - Silver (incl. (1) ea. items 5, 6c, 7a, 8 & 9)	QMT-S-S/S	79059	11.2

\*Hardware Included

Lead Time: 1 working day

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

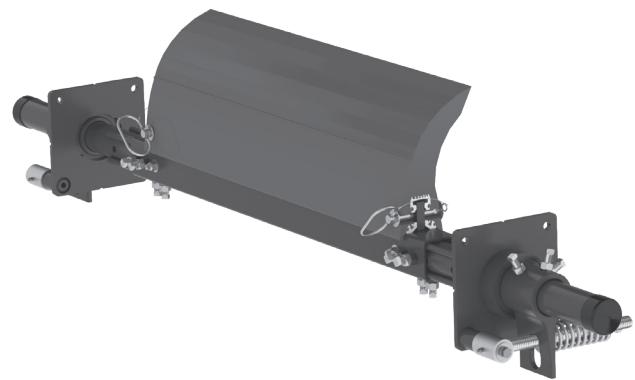
### Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	77584 QMT-P-S/S	77585 QMT-W-S/S	77586 QMT-G-S/S	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

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	196.3
2400	96	2250	90	MHP-696	77712	212.9
2700	108	2550	102	MHP-6108	90151	229.4
3000	120	2850	114	MHP-6120	90152	246.0

## Belt Width Minus 450mm (18")

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	mm	in.			
900	36	450	18	MHP-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	204.1
2700	108	2250	90	MHP-18108	90155	220.7
3000	120	2550	102	MHP-18120	90156	237.3

Standard Lead time: 1 working day

Shaded items are made to order.

Lead time: 3 weeks

## 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"), 300mm (12"), 450mm (18"), or 600mm (24")).
- Pole Length: Belt width plus 1350mm (54"). For longer requirements see Installation Accessories - Pole Extender Kit.
- 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.

## 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
2700	108	2400	96	MHP-12108	90153	225.1
3000	120	2700	108	MHP-12120	90154	241.6

## 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	133.0
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	183.2
2400	96	1800	72	MHP-2496	78675	199.7
2700	108	2100	84	MHP-24108	90157	216.4
3000	120	2400	96	MHP-24120	90158	232.9

## Optional Mounting Kits

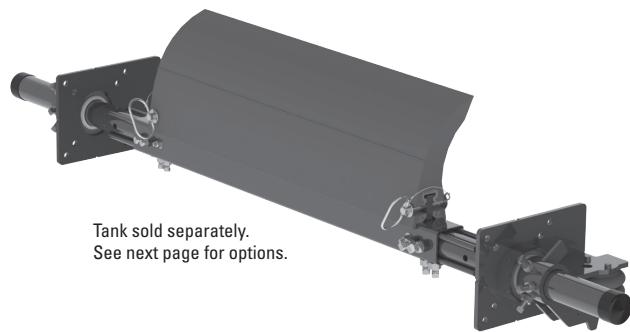
DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Optional Mounting Bar Kit *	MMBK	75830	8.8
Mounting Plate Kit *(2 plates)	MMPK	76537	63.5

\*Hardware Included

Lead time: 1 working day

# Product Ordering Information

## MHP Mine Tough Heavy-Duty Precleaner with Pneumatic Air Tensioner



Tank sold separately.  
See next page 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	195.8
2400	96	2250	90	MHP-696P	78608	212.4
2700	108	2550	102	MHP-6108P	90159	229.5
3000	120	2850	114	MHP-6120P	90160	246.1

### 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	170.5
2100	84	1650	66	MHP-1884P	78624	187.1
2400	96	1950	78	MHP-1896P	78625	203.6
2700	108	2250	90	MHP-18108P	90163	220.8
3000	120	2550	102	MHP-18120P	90164	237.4

Standard Lead time: 1 working day

Shaded items are made to order.

Lead time: 3 weeks

### 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"), 300mm (12"), 450mm (18"), or 600mm (24")).
- Pole Length: Belt width plus 1350mm (54"). For longer requirements see Installation Accessories - Pole Extender Kit.
- 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.

U.S. Patent No. D482,508S

# Product Ordering Information

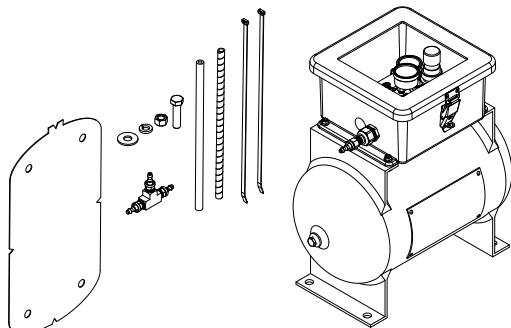
## Line Connections for Pneumatic Air Tensioner

### Control Box/Tank Combo Units for Closed System

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Control Box/Tank Combo Unit for Precleaner - 60 PSI	PAT-C-60	108230	29.0
Control Box/Tank Combo Unit for Secondary Cleaner - 100 PSI	PAT-C-100	108231	29.0

#### Product Notes:

- For use with cleaners with new PAT systems.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction tank.
- Fully sealed enclosure includes all critical items - regulator, tank gauge, downstream gauge, schrader valve, in-line filter, downstream valve.

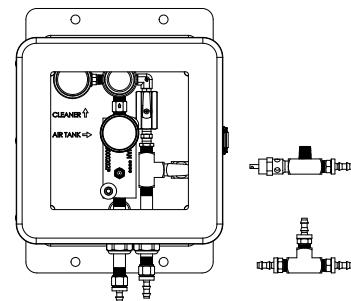


### Control Box for Legacy Tank

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Control Box Kit for Precleaner - 60 PSI	PACB2-60	108228	6.2
Control Box Kit for Secondary Cleaner - 100 PSI	PACB2-100	108229	6.2

#### Product Notes:

- For use with Legacy PAT1/PAT2 tank systems ordered prior to January 2024.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- May also be paired with Air Tank for Legacy Control Box if preferred.

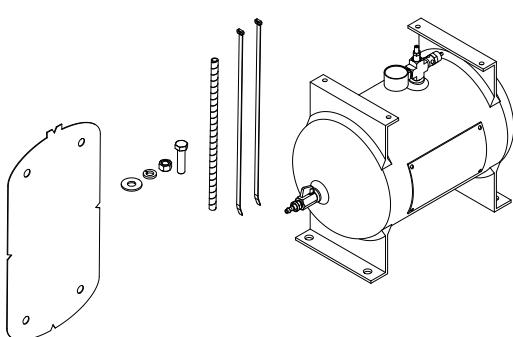


### Air Tank for Legacy Control Box

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
ASME Air Tank Kit	PAT-N	108232	21.5

#### Product Notes:

- For use with Legacy PACB60/PACB100 control boxes ordered prior to January 2024.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction tank.
- May also be paired with Control Box for Legacy Tank if preferred.



### Replacement Parts List

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
10' (3m) Hose Kit	PATHK	78794	0.7
Upgrade Fitting Kit (fill valve, push-on fittings, plugs)	AWTRK	79319	0.2

# MegaShear™ Replacement Blades

**MHP**  
*Mine Tough Heavy-Duty Precleaner*

## MegaShear™ Blades - Purple

BLADE WIDTH	ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.		
450	18	MRB18	13.1
600	24	MRB24	17.5
750	30	MRB30	21.8
900	36	MRB36	26.2
1050	42	MRB42	30.6
1200	48	MRB48	34.9
1350	54	MRB54	39.3
1500	60	MRB60	43.7
1650	66	MRB66	48.0
1800	72	MRB72	52.4
1950	78	MRB78	56.7
2100	84	MRB84	61.1
2250	90	MRB90	65.4
2400	96	MRB96	69.8
2550	102	MRB102	74.1
2700	108	MRB108	78.5
2850	114	MRB114	82.9

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

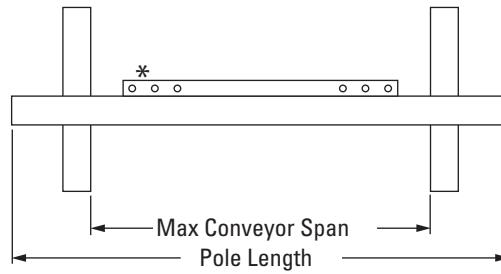
**MHP**  
**Mine Tough Heavy-Duty Precleaner**

## 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
2700	108	4050	162	2700	108	3750	150
3000	120	4350	174	3000	120	4050	162

\* 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").

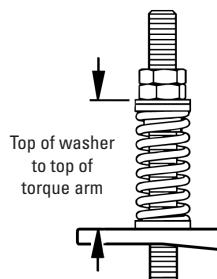


\*Each pole size can be used with a blade size down to 450mm (18") in 150mm (6") increments.

## Spring Length Chart

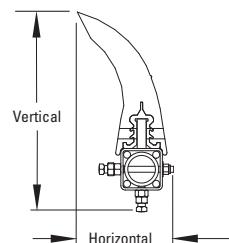
Blade Width		White Springs		Silver Springs		Red Springs	
mm	in.	mm	in.	mm	in.	mm	in.
450	18	143	5 5/8	N/A	N/A	N/A	N/A
600	24	137	5 3/8	159	6 1/4	N/A	N/A
750	30	127	5	152	6	159	6 1/4
900	36	121	4 3/4	152	6	159	6 1/4
1050	42	N/A	N/A	149	5 7/8	153	6 1/8
1200	48	N/A	N/A	146	5 3/4	153	6 1/8
1350	54	N/A	N/A	143	5 5/8	152	6
1500	60	N/A	N/A	143	5 5/8	152	6
1650	66	N/A	N/A	140	5 1/2	149	5 7/8
1800	72	N/A	N/A	137	5 3/8	149	5 7/8
1950	78	N/A	N/A	137	5 3/8	146	5 3/4
2100	84	N/A	N/A	N/A	N/A	146	5 3/4
2250	90	N/A	N/A	N/A	N/A	143	5 5/8
2400	96	N/A	N/A	N/A	N/A	143	5 5/8
2550	102	N/A	N/A	N/A	N/A	140	5 1/2
2700	108	N/A	N/A	N/A	N/A	140	5 1/2
2850	114	N/A	N/A	N/A	N/A	137	5 3/8

Shading indicates preferred spring option.



## Clearance Guidelines for Installation

HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
mm	in.	mm	in.
200	8	488	19-1/2



## Pressure Chart

Blade Width		Pressure	
mm	in.	kPa	PSI
450	18	55	8
600	24	69	10
800	32	90	13
900	36	103	15
1050	42	124	18
1200	48	138	20
1350	54	159	23
1500	60	172	25
1650	66	193	28
1800	72	214	31
1950	78	228	33
2100	84	248	36
2250	90	262	38
2400	96	283	41
2550	102	296	43
2700	108	317	46
2850	114	331	48

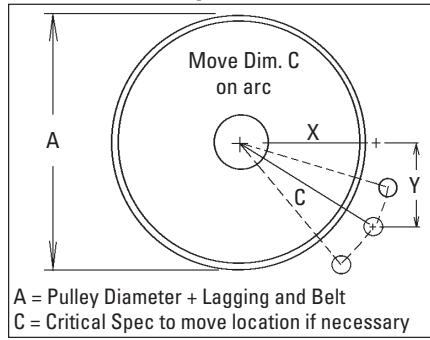
## Specifications:

- Maximum Belt Speed ..... 7.5 m/sec (1500 FPM)
- Temperature Rating ..... -35 to 82°C (-30 to 180°F)
- Minimum Pulley Diameter..... 500mm (20")
- Blade Height..... 306mm (12.25")
- Usable Blade Wear Length..... 200mm (8")
- Blade Material ..... Polyurethane 83 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



## Pole Location Chart

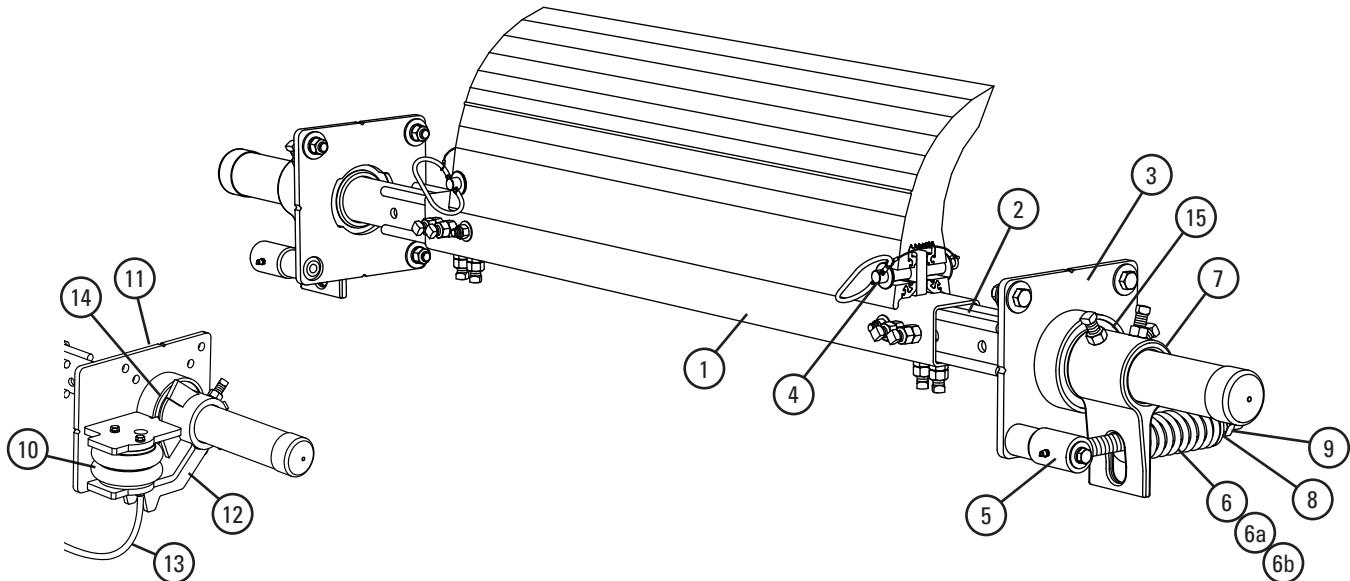
A		X		Y		C	
mm	in.	mm	in.	mm	in.	mm	in.
500	20	250	10	365	14-3/8	442	17-1/2
525	21	263	10-1/2	365	14-3/8	450	17-3/4
550	22	275	11	365	14-3/8	457	18-1/8
575	23	288	11-1/2	365	14-3/8	465	18-3/8
600	24	300	12	365	14-3/8	472	18-3/4
625	25	313	12-1/2	365	14-3/8	480	19
650	26	325	13	365	14-3/8	489	19-3/8
675	27	338	13-1/2	365	14-3/8	497	19-3/4
700	28	350	14	365	14-3/8	506	20-1/8
725	29	363	14-1/2	365	14-3/8	514	20-3/8
750	30	375	15	365	14-3/8	523	20-3/4
775	31	388	15-1/2	365	14-3/8	532	21-1/8
800	32	400	16	365	14-3/8	542	21-1/2
825	33	413	16-1/2	365	14-3/8	551	21-7/8
850	34	425	17	365	14-3/8	560	22-1/4
875	35	438	17-1/2	365	14-3/8	570	22-5/8
900	36	450	18	365	14-3/8	579	23
925	37	463	18-1/2	365	14-3/8	589	23-3/8
950	38	475	19	365	14-3/8	599	23-7/8
975	39	488	19-1/2	365	14-3/8	609	24-1/4
1000	40	500	20	365	14-3/8	619	24-5/8
1025	41	513	20-1/2	365	14-3/8	629	25
1050	42	525	21	365	14-3/8	639	25-1/2
1075	43	538	21-1/2	365	14-3/8	650	25-7/8
1100	44	550	22	365	14-3/8	660	26-1/2
1125	45	563	22-1/2	365	14-3/8	671	27
1150	46	575	23	365	14-3/8	681	27-1/2
1175	47	588	23-1/2	365	14-3/8	692	28
1200	48	600	24	365	14-3/8	702	28-1/2
1225	49	613	24-5/8	365	14-3/8	714	29
1250	50	628	25-1/8	365	14-3/8	727	29-1/2
1275	51	641	25-3/4	365	14-3/8	738	30
1300	52	657	26-3/8	365	14-3/8	752	30-1/2

## Pole Location Chart

A		X		Y		C	
mm	in.	mm	in.	mm	in.	mm	in.
1325	53	672	26-7/8	365	14-3/8	765	31
1350	54	685	27-1/2	365	14-3/8	776	31-1/2
1375	55	700	28-1/8	365	14-3/8	790	32
1400	56	713	28-5/8	365	14-3/8	801	32-1/2
1425	57	728	29-1/8	365	14-3/8	815	33
1450	58	741	29-3/4	365	14-3/8	826	33-1/2
1475	59	757	30-1/4	365	14-3/8	840	34
1500	60	769	30-7/8	365	14-3/8	851	34-1/2
1525	61	782	31-3/8	365	14-3/8	863	35
1550	62	797	31-7/8	365	14-3/8	877	35-1/2
1575	63	810	32-1/2	365	14-3/8	888	36
1600	64	826	33	365	14-3/8	903	36-1/2
1625	65	838	33-1/2	365	14-3/8	914	37
1650	66	850	34-1/8	365	14-3/8	925	37-1/2
1675	67	866	34-5/8	365	14-3/8	940	38
1700	68	879	35-1/8	365	14-3/8	951	38-1/2
1725	69	891	35-3/4	365	14-3/8	963	39
1750	70	906	36-1/4	365	14-3/8	977	39-1/2
1775	71	919	36-3/4	365	14-3/8	989	40
1800	72	932	37-3/8	365	14-3/8	1001	40-1/2
1825	73	947	37-7/8	365	14-3/8	1015	41
1850	74	960	38-3/8	365	14-3/8	1027	41-1/2
1875	75	972	38-7/8	365	14-3/8	1039	42
1900	76	985	39-1/2	365	14-3/8	1050	42-1/2
1925	77	1000	40	365	14-3/8	1064	43
1950	78	1013	40-1/2	365	14-3/8	1077	43-1/2
1975	79	1026	41	365	14-3/8	1089	44
2000	80	1038	41-5/8	365	14-3/8	1100	44-1/2
2025	81	1053	42-1/8	365	14-3/8	1114	45
2050	82	1066	42-5/8	365	14-3/8	1127	45-1/2
2075	83	1079	43-1/8	365	14-3/8	1139	46
2100	84	1090	43-3/4	365	14-3/8	1150	46-1/2

# 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
	2700mm (108") Center Pole	MMPCP108	90326	70.2
	3000mm (120") Center Pole	MMPCP120	90327	78.0
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.)	PSTS-W	75898	0.8
6a	Tension Spring – Silver (1 ea.)	PSTS-S	75899	1.4
6b	Tension Spring – Red (1 ea.)	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)	PST2-W	77723	39.0
-	PST Spring Tensioner* – Silver (incl. (2) ea. items 3, 5, 6a, 7, & 8)	PST2-S	77724	39.6
-	PST Spring Tensioner* – Red (incl. (2) ea. items 3, 5, 6b, 7 & 8)	PST2-R	77725	40.3

\*Hardware Included

Lead time: 1 working day

## PAT 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 & (6) hose clamps)	AWTHK	75909	3.0
14	Pole Bearing Assy (for cleaners shipped after 4/2016)	AWTPBA	90000	1.0
-	AWT Air/Water Tensioner (incl. (2) ea. items 10, 11, 12 & (1) ea. item 13)	AWTNBC	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™ 2100–2850mm (84–114")			X

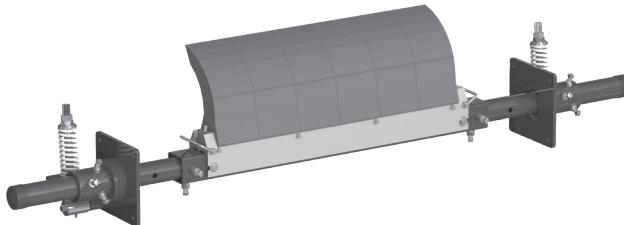
# Product Ordering Information

**MHCP**  
**Heavy-Duty Cartridge Precleaner**  
**with PST & Pneumatic Air Tensioner**

## With PST Spring Tensioner

BELT WIDTH		BLADE COVERAGE		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	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

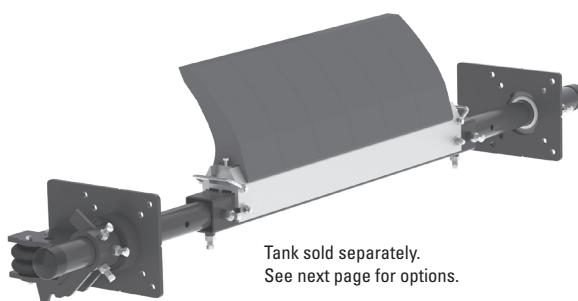
Lead time: 1 working day



## With Pneumatic Air Tensioner (PAT)

BELT WIDTH		BLADE COVERAGE		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.	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 next page 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.
- Tensioner Options: 1) PST Spring Tensioner for self-adjusting tensioning with easy retensioning adjustments; 2) Pneumatic 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.

# Product Ordering Information

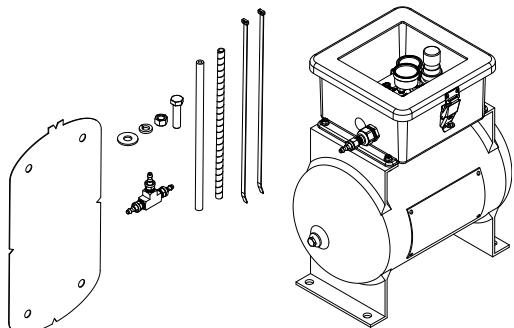
**Line Connections  
for Pneumatic Air Tensioner**

## Control Box/Tank Combo Units for Closed System

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Control Box/Tank Combo Unit for Precleaner - 60 PSI	PAT-C-60	108230	29.0
Control Box/Tank Combo Unit for Secondary Cleaner - 100 PSI	PAT-C-100	108231	29.0

### Product Notes:

- For use with cleaners with new PAT systems.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction tank.
- Fully sealed enclosure includes all critical items - regulator, tank gauge, downstream gauge, schrader valve, in-line filter, downstream valve.

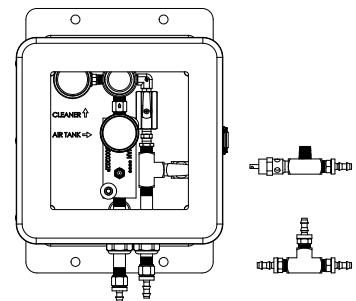


## Control Box for Legacy Tank

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Control Box Kit for Precleaner - 60 PSI	PACB2-60	108228	6.2
Control Box Kit for Secondary Cleaner - 100 PSI	PACB2-100	108229	6.2

### Product Notes:

- For use with Legacy PAT1/PAT2 tank systems ordered prior to January 2024.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- May also be paired with Air Tank for Legacy Control Box if preferred.

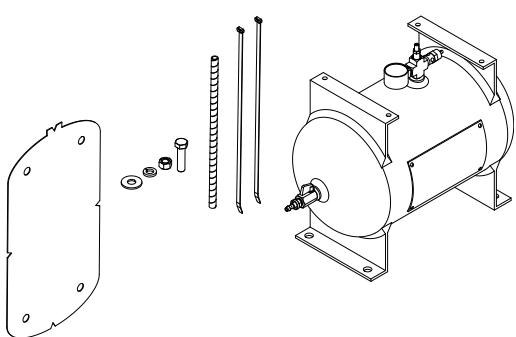


## Air Tank for Legacy Control Box

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
ASME Air Tank Kit	PAT-N	108232	21.5

### Product Notes:

- For use with Legacy PACB60/PACB100 control boxes ordered prior to January 2024.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction tank.
- May also be paired with Control Box for Legacy Tank if preferred.



## Replacement Parts List

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
10' (3m) Hose Kit	PATHK	78794	0.7
Upgrade Fitting Kit (fill valve, push-on fittings, plugs)	AWTRK	79319	0.2

# Optional Assemblies, Tensioners & Kits

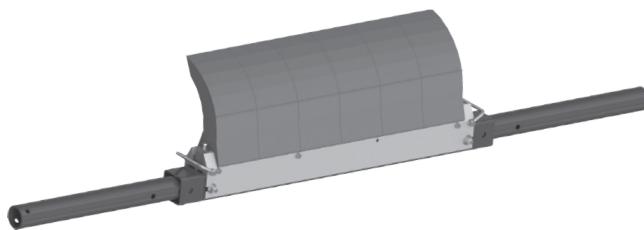
**MHCP**  
*Heavy-Duty Cartridge Precleaner*

## 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 1350–2100mm (54–84")	PST2-S	77724	39.1
PST Spring Tensioner - Red for belts 96" (2400mm)	PST2-R	77725	39.1
AWT Air/Water Tensioner	AWTNCB	76069	34.1

Lead time: 1 working day



PST Spring Tensioner



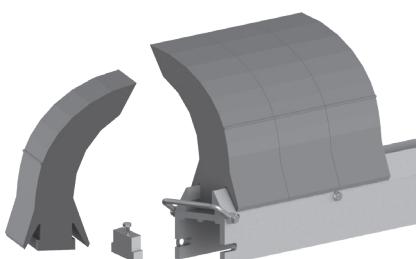
PAT Tensioner

## Blade Cartridge Kits

(Includes blades, cartridge, and mounting bolts)

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

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.



Blade Cartridge Kit

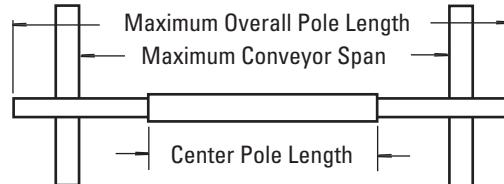
# Specifications & Guidelines

## MHCP Heavy-Duty Cartridge Precleaner

### Telescoping Pole Length Specifications

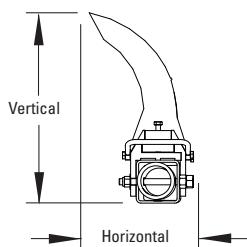
CLEANER SIZE		MAX OVERALL POLE LENGTH		CENTER POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.	mm	in.
600	24	2050	82	700	28	1650	66
750	30	2200	88	850	34	1800	72
900	36	2350	94	1000	40	1950	78
1050	42	2500	100	1150	46	2100	84
1200	48	2650	106	1300	52	2250	90
1350	54	2800	112	1450	58	2400	96
1500	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")

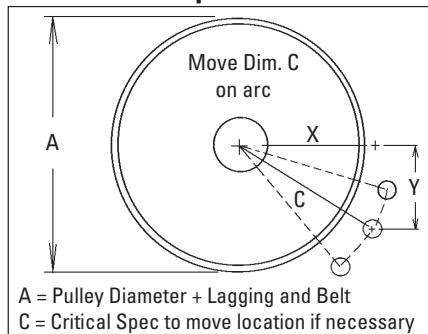


### Clearance Guidelines for Installation

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



### Pole Location Specs

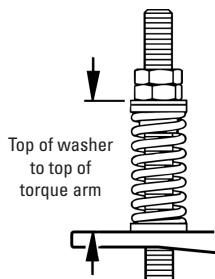


### PST Spring Length Chart

Blade Width		White Springs		Silver Springs		Red Springs	
mm	in.	mm	in.	mm	in.	mm	in.
450	18	146	5 3/4	162	6 3/8	165	6 1/2
600	24	137	5 3/8	159	6 1/4	162	6 3/8
750	30	130	5 1/8	156	6 1/8	162	6 3/8
900	36	121	4 3/4	156	6 1/8	159	6 1/4
1050	42	114	4 1/2	152	6	159	6 1/4
1200	48	N/A	N/A	149	5 7/8	156	6 1/8
1350	54	N/A	N/A	146	5 3/4	156	6 1/8
1500	60	N/A	N/A	146	5 3/4	152	6
1650	66	N/A	N/A	143	5 5/8	152	6
1800	72	N/A	N/A	140	5 1/2	149	5 7/8
1950	78	N/A	N/A	130	5 1/8	146	5 3/4
2100	84	N/A	N/A	N/A	N/A	146	5 3/4
2250	90	N/A	N/A	N/A	N/A	143	5 5/8
2400	96	N/A	N/A	N/A	N/A	140	5 1/2
2550	102	N/A	N/A	N/A	N/A	140	5 1/2

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

Shading indicates preferred spring option.



### Pressure Chart

Blade Width	No. of Blades	Pressure	
		kPa	PSI
450	18	3	55
600	24	4	69
800	32	5	90
900	36	6	103
1050	42	7	124
1200	48	8	138
1350	54	9	159
1500	60	10	172
1650	66	11	193
1800	72	12	214
1950	78	13	228
2100	84	14	248
2250	90	15	262
2400	96	16	278
2550	102	17	293

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

### Pole Location Chart

A	X	Y	C
mm	in.	mm	in.
500	20	250	10
525	21	263	10 1/2
550	22	275	11
575	23	288	11 1/2
600	24	300	12
625	25	313	12 1/2
650	26	325	13
675	27	338	13 1/2
700	28	350	14
725	29	363	14 1/2
750	30	375	15
775	31	388	15 1/2
800	32	400	16
825	33	413	16 1/2
850	34	425	17
875	35	438	17 1/2
900	36	450	18
925	37	463	18 1/2
950	38	475	19
975	39	488	19 1/2
1000	40	500	20
1025	41	513	20 1/2
1050	42	525	21
1075	43	538	21 1/2
1100	44	550	22
1125	45	563	22 1/2
1150	46	575	23
1175	47	588	23 1/2
1200	48	600	24

### Specifications:

- Maximum Belt Speed ..... 6 m/s (1200 FPM)
- Temperature Rating ..... -35 to 82°C (-30 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

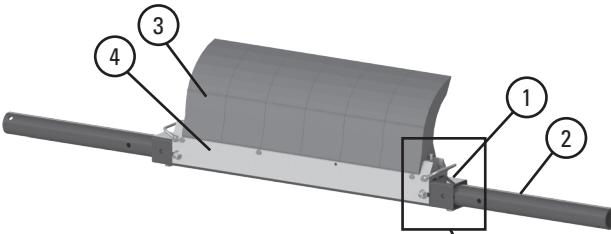
# Replacement Parts List

**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
2	2400mm (96") Center Pole *	MHP-CP96	78958	31.2
3	MHCP Extender Poles (2 ea.)	MHP-EP	76392	24.5
4	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



### Blades Required per Belt Width

BELT WIDTH	NO. BLADES REQUIRED
mm	in.
600	24
750	30
900	36
1050	42
1200	48
1350	54
1500	60
1800	72
2100	84
2400	96

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

## PST Tensioner Replacement Parts

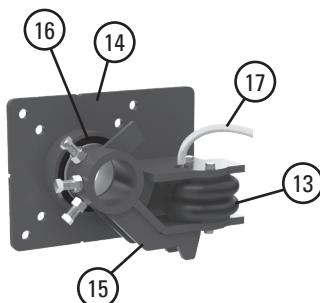
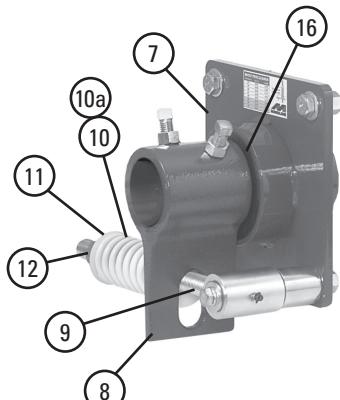
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
7	Mounting Plate Kit * (2 ea.)	MHPMPK	77727	20.1
8	Torque Arm * (1 ea.)	PSTA	75896	5.2
9	Torque Pivot Kit (1 ea.) (no spring)	PTPK	75897	3.2
10	Tension Spring - White (1 ea.) for belts 600–1200mm (24–48")	PSTS-W	75898	0.8
10a	Tension Spring - Silver (1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

\*Hardware Included Lead time: 1 working day

## PAT Tensioner Replacement Parts

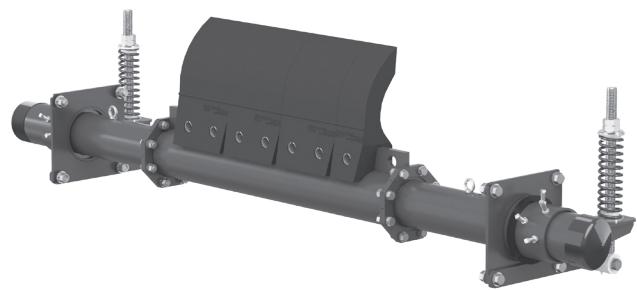
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
13	Air/Water Bag (1 ea.)	AWTB	75905	1.7
14	Mounting Base (1 ea.)	AWTMB	75906	10.4
15	Torque Arm * (1 ea.)	AWTA	75907	5.3
16	Pole Bearing Assy (for cleaners shipped after 4/2016)	AWTPBA	90000	1.0
17	Hose Kit (15M of hose and (6) hose clamps)	AWTHK	75909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

\*Hardware Included Lead time: 1 working day



# Product Ordering Information

**MXP**  
*Extreme-Duty Precleaner*



## Belt Width Minus 150mm (6")

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

## Belt Width Minus 300mm (12")

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:

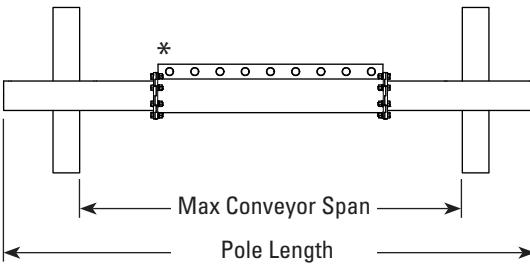
- Heavy-duty design with massive UltraShear™ blades for constant cleaning power on abusive beltlines.
- Blade width options for belt width minus 150mm (6") or belt width minus 300mm (12"). Can be adjusted to belt's material path.
- Pole Length: Belt width plus 2000mm (79").
- Tensioner: XDST Spring Tensioner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

# Specifications & Guidelines

**MXP**  
*Extreme-Duty Precleaner*

## Pole Length Specifications\*

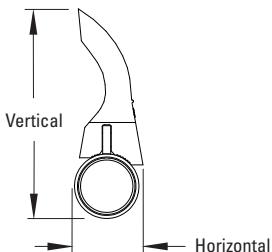
CLEANER SIZE		MAX OVERALL POLE LENGTH		CENTER POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.	mm	in.
1050	42	3050	121	1200	48	2667	105
1200	48	3200	127	1350	54	2819	111
1350	54	3350	133	1500	60	2972	117
1500	60	3500	139	1650	66	3124	123
1800	72	3800	151	1950	78	3429	135
2100	84	4100	163	2250	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

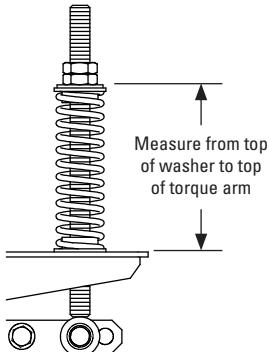
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
mm	in.	mm	in.
300	12	700	27-1/2



## XDST Spring Length Chart

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

Shading indicates preferred spring option.



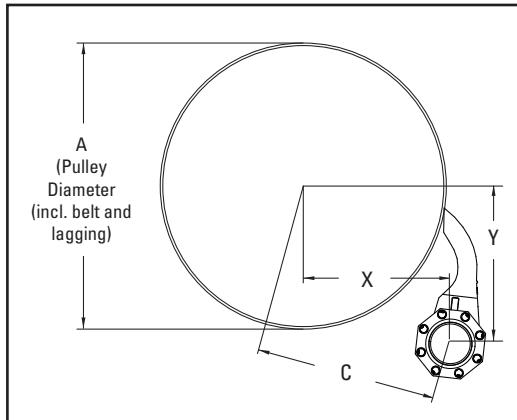
## Specifications:

- Maximum Belt Speed ..... 10 m/s (2000 FPM)
- Temperature Rating ..... -35 to 135°C (-30 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



## Pole Location Chart

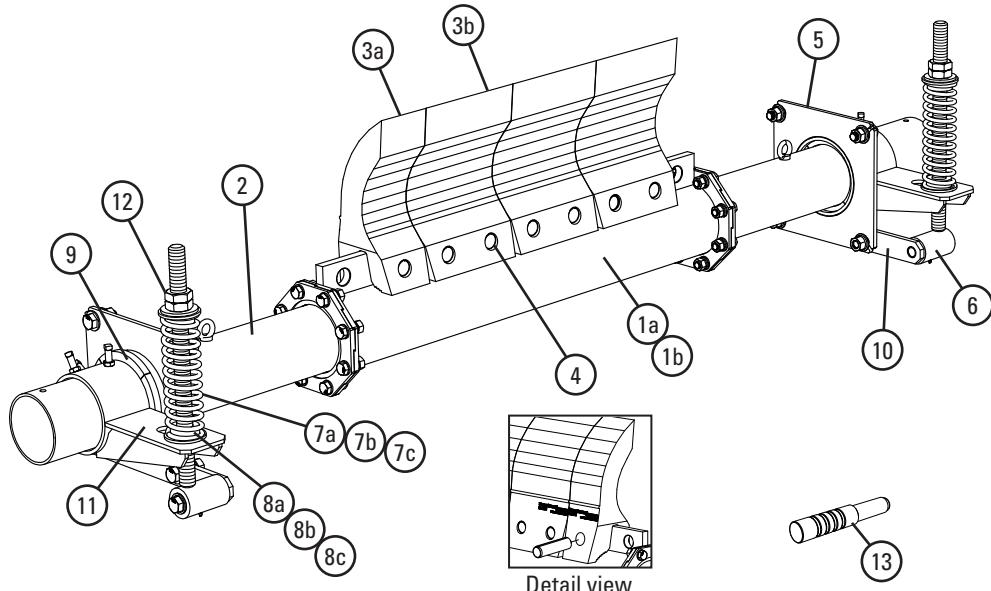
A		X		Y		C	
mm	in.	mm	in.	mm	in.	mm	in.
1225	48	520	20 1/2	665	26 1/4	845	33 1/4
1250	49	535	21	670	26 3/8	855	33 5/8
1275	50	545	21 1/2	670	26 3/8	865	34
1300	51	560	22	675	26 1/2	875	34 3/8
1325	52	570	22 1/2	675	26 5/8	885	34 3/4
1350	53	585	23	675	26 5/8	895	35 1/8
1375	54	595	23 1/2	680	26 3/4	905	35 5/8
1400	55	610	24	680	26 7/8	915	36
1425	56	620	24 1/2	685	26 7/8	925	36 3/8
1450	57	635	24 7/8	685	27	935	36 3/4
1475	58	645	25 3/8	690	27 1/8	945	37 1/8
1500	59	660	25 7/8	690	27 1/8	955	37 1/2
1525	60	670	26 3/8	695	27 1/4	965	38
1550	61	685	26 7/8	695	27 3/8	975	38 3/8
1575	62	695	27 3/8	695	27 1/2	985	38 3/4
1600	63	710	27 7/8	700	27 1/2	995	39 1/8
1625	64	720	28 3/8	700	27 5/8	1005	39 5/8
1650	65	735	28 7/8	705	27 3/4	1015	40
1675	66	745	29 3/8	705	27 3/4	1025	40 3/8
1700	67	760	29 7/8	710	27 7/8	1040	40 7/8
1725	68	770	30 3/8	710	28	1050	41 1/4
1750	69	785	30 7/8	710	28	1060	41 3/4
1775	70	795	31 3/8	715	28 1/8	1070	42 1/8
1800	71	810	31 7/8	715	28 1/4	1080	42 1/2
1825	72	820	32 3/8	720	28 1/4	1090	43

## Pole Location Chart

A		X		Y		C	
mm	in.	mm	in.	mm	in.	mm	in.
1850	73	835	32 3/4	720	28 3/8	1100	43 3/8
1875	74	845	33 1/4	725	28 1/2	1115	43 7/8
1900	75	860	33 3/4	725	28 5/8	1125	44 1/4
1925	76	870	34 1/4	730	28 5/8	1135	44 3/4
1950	77	885	34 3/4	730	28 3/4	1145	45 1/8
1975	78	895	35 1/4	730	28 7/8	1155	45 1/2
2000	79	910	35 3/4	735	28 7/8	1170	46
2025	80	920	36 1/4	735	29	1180	46 3/8
2050	81	935	36 3/4	740	29 1/8	1190	46 7/8
2075	82	945	37 1/4	740	29 1/8	1200	47 1/4
2100	83	960	37 3/4	745	29 1/4	1215	47 3/4
2125	84	970	38 1/4	745	29 3/8	1225	48 1/4
2150	85	985	38 3/4	750	29 1/2	1235	48 5/8
2175	86	995	39 1/4	750	29 1/2	1245	49 1/8
2200	87	1010	39 3/4	750	29 5/8	1260	49 1/2
2225	88	1020	40 1/4	755	29 3/4	1270	50
2250	89	1035	40 3/4	755	29 3/4	1280	50 3/8
2275	90	1045	41 1/8	760	29 7/8	1290	50 7/8
2300	91	1060	41 5/8	760	30	1305	51 3/8
2325	92	1070	42 1/8	765	30	1315	51 3/4
2350	93	1085	42 5/8	765	30 1/8	1325	52 1/4
2375	94	1095	43 1/8	770	30 1/4	1340	52 5/8
2400	95	1110	43 5/8	770	30 1/4	1350	53 1/8
2425	96	1120	44 1/8	770	30 3/8	1360	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

## Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
3a	150mm (6") UltraShear™ Blade	USB6	90410	9.1
3b	300mm (12") UltraShear™ Blade	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

## 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

# 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.

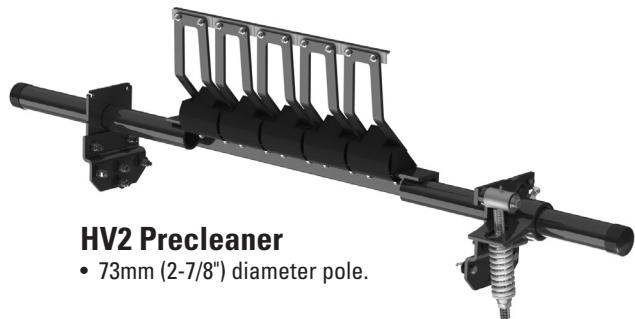
HV2 Suspension Arm size is determined by head pulley diameter - see chart.

Additional sizes available upon request.

Lead time: 1 working day

### 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
No. of HV2-Tips Required	2	3	4	5	6	7	8	9	11



### 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

# Specifications & Guidelines

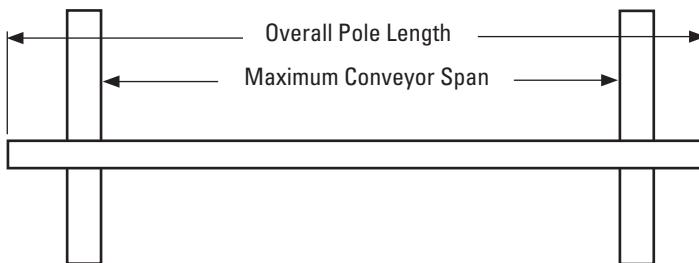
## HV2 Segmented Blade Precleaner

### 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

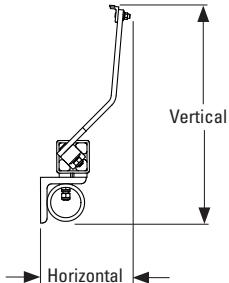
\*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 750mm (30") of extended pole length.

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



### Clearance Guidelines for Installation

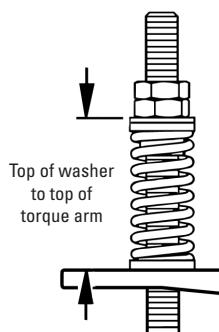
SUSPENSION ARM SIZE	HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	mm	in.	mm	in.
SS	210	8-1/4	320	12-5/8
S	210	8-1/4	390	15-3/8
M	210	8-1/4	416	16-5/8
L	210	8-1/4	445	17-1/2
LL	210	8-1/4	511	20-1/8



### HV2 Spring Length Chart

BELT WIDTH	No. of Tips	SS		S		M		L		LL		
		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

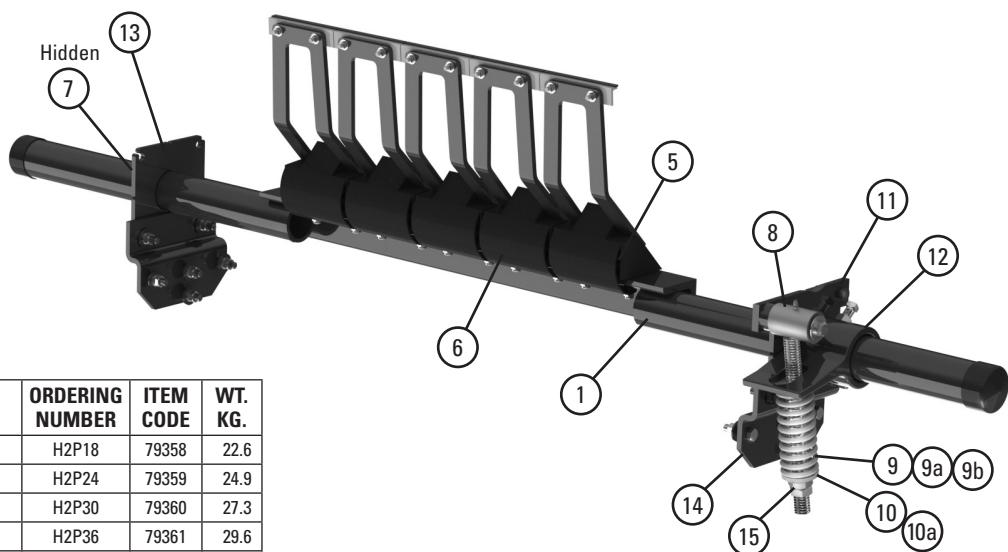


### Specifications:

- Maximum Belt Speed ..... 7.5 m/s (1500 FPM)
- Temperature Rating ..... -35 to 82°C (-30 to 180°F)
- Usable Blade Wear Length ..... 9mm (3/8")
- Blade Material ..... Long Life Tungsten Carbide (for 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

**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
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)	HV2PT	79368	0.4
3	HV2-S/S Tip Shield (optional)	HV2STS	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.)	MSPL	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

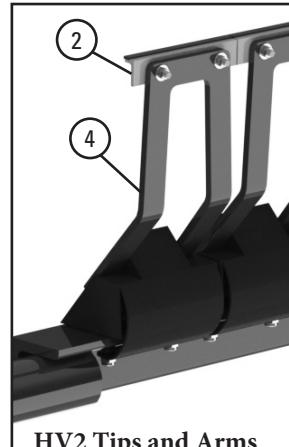
\*Hardware included

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

Lead time: 1 working day

## 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
No. HV2-Tips Required	2	3	4	5	6	7	8	9	11



## Spring Tensioner Selection Chart

Cleaner Size	76074 QMT-P	76075 QMT-W	76402 QMT-S
450mm (18") SS, S, M; 600mm (24") S,S; 750mm (30") SS,S	X		
600mm (24") M; 750mm (30") M; 900mm (36") SS-L; 1050mm (42") SS-L; 1200mm (48") SS-LL; 1350mm (54") S-L; 1500mm (60") S; 1800mm (72") S		X	
1350mm (54") LL; 1500mm (60") M-LL; 1800mm (72") M-LL			X

# 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	14.5
450	18	S	HXF2-18S	44.0
450	18	M	HXF2-18M	44.4
600	24	SS	HXF2-24SS	49.9
600	24	S	HXF2-24S	50.4
600	24	M	HXF2-24M	51.0
750	30	SS	HXF2-30SS	51.6
750	30	S	HXF2-30S	52.2
750	30	M	HXF2-30M	52.7
900	36	SS	HXF2-36SS	57.2
900	36	S	HXF2-36S	58.0
900	36	M	HXF2-36M	58.7
900	36	L	HXF2-36L	59.2
1050	42	SS	HXF2-42SS	62.9
1050	42	S	HXF2-42S	63.8
1050	42	M	HXF2-42M	64.7
1050	42	L	HXF2-42L	65.4
1200	48	SS	HXF2-48SS	64.6
1200	48	S	HXF2-48S	65.5
1200	48	M	HXF2-48M	66.4
1200	48	L	HXF2-48L	67.1
1350	54	SS	HXF2-54SS	70.2
1350	54	S	HXF2-54S	71.3
1350	54	M	HXF2-54M	73.3
1350	54	L	HXF2-54L	74.2
1500	60	S	HXF2-60S	89.0
1500	60	M	HXF2-60M	90.3
1500	60	L	HXF2-60L	91.2
1800	72	S	HXF2-72S	98.3
1800	72	M	HXF2-72M	99.8
1800	72	L	HXF2-72L	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

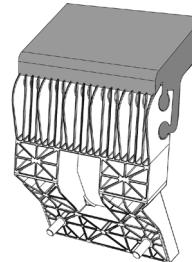


### H-Type® with XF2-Tips

- 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.

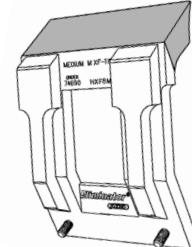
Impact-resistant, reinforced nylon base for rigidity and minimal deflection.

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



### 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

### 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
No. XF2-Tips Required	2	3	3	4	5	5	6	7	8

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

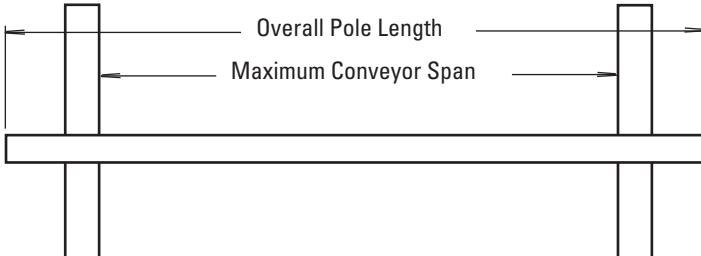
# Specifications & Guidelines

**H-Type® with XF2-Tips**  
Segmented Blade Precleaner

## Pole Length Specifications\*

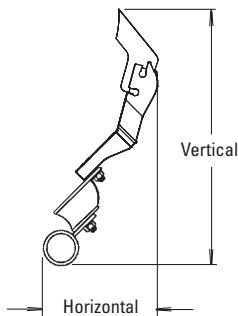
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.
450	18	1650	66	1400	56
600	24	1800	72	1550	62
750	30	1950	78	1700	68
900	36	2100	84	1850	74
1050	42	2250	90	2000	80
1200	48	2400	96	2150	86
1350	54	2550	102	2300	92
1500	60	2700	108	2450	98
1800	72	3000	120	2750	110

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



## Clearance Guidelines for Installation

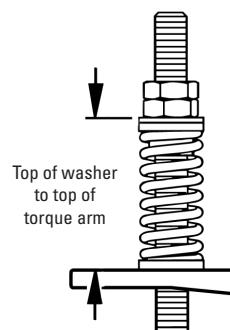
SUSPENSION ARM SIZE	HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	mm	in.	mm	in.
SS	175	7	325	13
S	175	7	375	15
M	175	7	413	16 1/2
L	175	7	463	18 1/2
LL	175	7	550	22



## QMT Spring Length Chart

BELT WIDTH	No. of TIPS	SS		S		M		L	
		mm	in.	mm	in.	mm	in.	mm	in.
450	18	2	114	4 1/2	102	4	145	5 3/4	N/A
600	24	3	142	5 5/8	138	5 1/2	137	5 3/8	N/A
750	30	3	142	5 5/8	138	5 1/2	137	5 3/8	N/A
900	36	4	142	5 3/8	130	5 1/8	5"	5	109
1050	42	5	127	5	120	4 3/4	152	6	152
1200	48	5	126	5	120	4 3/4	152	6	152
1350	54	6	120	4 3/4	152	6	149	5 7/8	149
1500	60	7	N/A	N/A	149	5 7/8	145	5 3/4	145
1800	72	8	N/A	N/A	145	5 3/4	142	5 5/8	142

Purple Spring   White Spring   Silver Spring



## Specifications:

- Maximum Belt Speed ..... 5 m/s (1000 FPM)
- Temperature Rating ..... -35 to 82°C (-30 to 180°F)
- Usable Blade Wear Length ..... 75mm (3")
- Blade Material ..... Polyurethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths ..... 450 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
		LL	HV-42LL	76253	67.0
1200	48	SS	HV1200SS-CS	81822	64.6
		S	HV1200S-CS	81823	65.5
		M	HV1200M-CS	81824	66.6
		L	HV1200L-CS	81825	67.5
1350	54	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

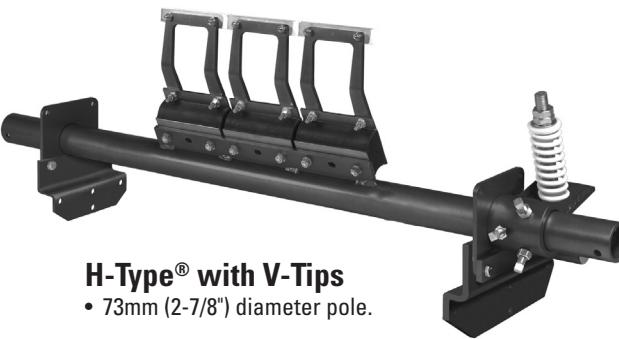
\*NOTE: V-Tips can be used ONLY on vulcanized belts.

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

Additional sizes available upon request.

### 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
No. V-Tips Required	2	3	3	4	5	5	6	7	8



### 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

### 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

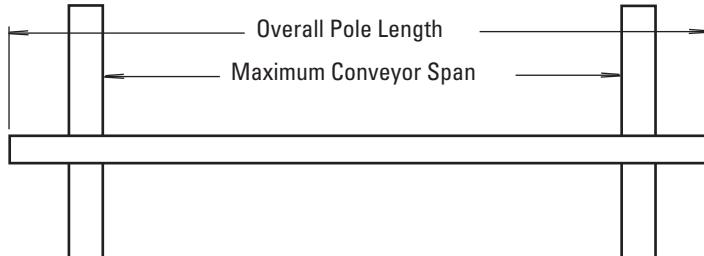
# Specifications & Guidelines

**H-Type® with V-Tips**  
Segmented Blade Precleaner

## Pole Length Specifications\*

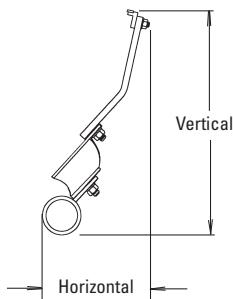
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.
450	18	1650	66	1400	56
600	24	1800	72	1550	62
750	30	1950	78	1700	68
900	36	2100	84	1850	74
1050	42	2250	90	2000	80
1200	48	2400	96	2150	86
1350	54	2550	102	2300	92
1500	60	2700	108	2450	98
1800	72	3000	120	2750	110

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



## Clearance Guidelines for Installation

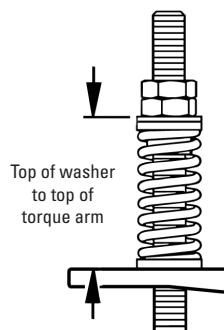
SUSPENSION ARM SIZE	HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	mm	in.	mm	in.
SS	175	7	325	13
S	175	7	375	15
M	175	7	413	16 1/2
L	175	7	463	18 1/2
LL	175	7	550	22



## QMT Spring Length Chart

Belt Width	No. of Tips	SS		S		M		L		LL	
		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
600	24	3	114	4 1/2	105	4 1/8	146	5 3/4	146	5 3/4	N/A
750	30	4	114	4 1/2	105	4 1/8	146	5 3/4	146	5 3/4	N/A
900	36	5	146	5 3/4	143	5 5/8	140	5 1/2	137	5 3/8	N/A
1050	42	6	143	5 5/8	137	5 3/8	133	5 1/4	130	5 1/8	121
1200	48	7	143	5 5/8	137	5 3/8	133	5 1/4	130	5 1/8	121
1350	54	8	N/A	N/A	130	5 1/8	127	5	124	4 7/8	152
1500	60	9	N/A	N/A	124	4 7/8	156	6 1/8	152	6	150
1800	72	11	N/A	N/A	152	6	152	6	150	5 7/8	146

Purple Spring      Silver Spring      White Spring



## Specifications:

- Maximum Belt Speed ..... 5 m/s (1000 FPM)
- Temperature Rating ..... -35 to 82°C (-30 to 180°F)
- Usable Blade Wear Length ..... 9mm (3/8")
- Blade Material ..... Long Life Tungsten Carbide (for vulcanized belts only)
- Available for Belt Widths ..... 450 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.
mm	in.				
450	18	S	HVP-18S	76124	45.0
		M	HVP-18M	76267	45.4
		L	HVP-18L	76268	45.8
600	24	S	HVP-24S	76125	51.2
		M	HVP-24M	76269	51.8
		L	HVP-24L	76270	52.4
		S	HVP-30S	76126	52.9
750	30	M	HVP-30M	76271	53.6
		L	HVP-30L	76272	54.1
		S	HVP-36S	76127	59.1
900	36	M	HVP-36M	76273	60.7
		L	HVP-36L	76274	61.4
		S	HVP-42S	76128	66.0
1050	42	M	HVP-42M	76275	67.2
		L	HVP-42L	76276	68.1
		S	HVP-48S	76129	67.8
1200	48	M	HVP-48M	76277	68.9
		L	HVP-48L	76278	69.8
		LL	HVP-48LL	76279	70.9
		S	HVP-54S	76130	74.0
1350	54	M	HVP-54M	76280	75.4
		L	HVP-54L	76281	76.5
		LL	HVP-54LL	76282	77.8
		S	HVP-60S	76131	91.2
1500	60	M	HVP-60M	76283	92.8
		L	HVP-60L	76284	94.1
		LL	HVP-60LL	76285	96.6
		S	HVP-72S	76132	101.0
1800	72	M	HVP-72M	76286	102.8
		L	HVP-72L	76287	105.2
		LL	HVP-72LL	76288	107.0

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

### 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
No. Protected V-Tips Required	2	3	3	4	5	5	6	7	8



**H-Type® 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

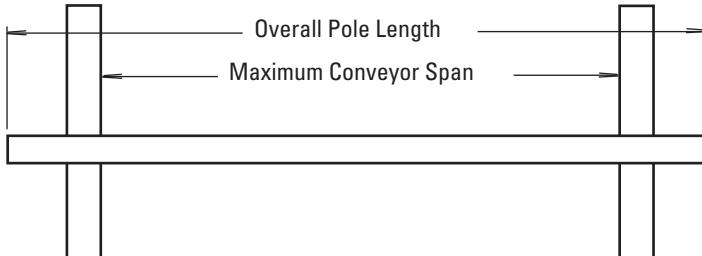
# Specifications & Guidelines

## H-Type® with Protected V-Tips Segmented Blade Precleaner

### Pole Length Specifications\*

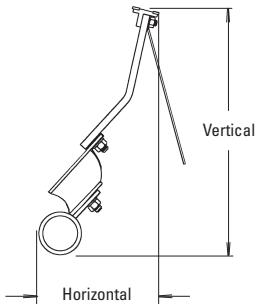
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.
450	18	1650	66	1400	56
600	24	1800	72	1550	62
750	30	1950	78	1700	68
900	36	2100	84	1850	74
1050	42	2250	90	2000	80
1200	48	2400	96	2150	86
1350	54	2550	102	2300	92
1500	60	2700	108	2450	98
1800	72	3000	120	2750	110

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



### Clearance Guidelines for Installation

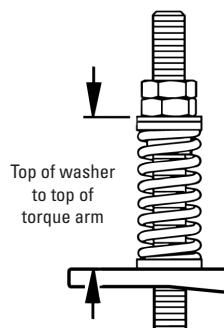
SUSPENSION ARM SIZE	HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	mm	in.	mm	in.
SS	175	7	325	13
S	175	7	375	15
M	175	7	413	16 1/2
L	175	7	463	18 1/2
LL	175	7	550	22



### QMT Spring Length Chart

Belt Width	No. of Tips	SS		S		M		L		LL		
		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

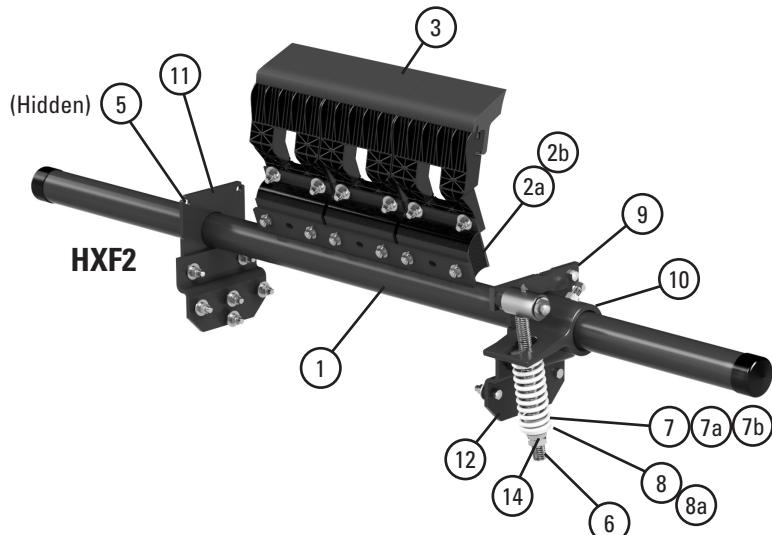
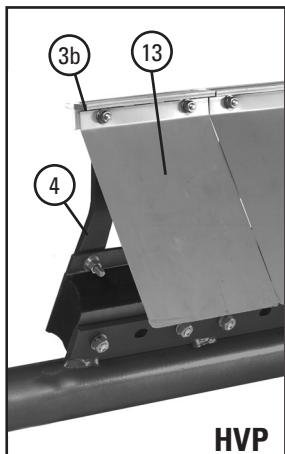
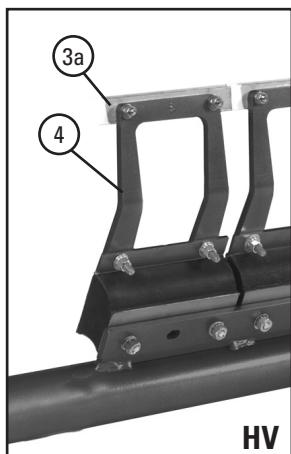


### Specifications:

- Maximum Belt Speed ..... 5 m/s (1000 FPM)
- Temperature Rating ..... -35 to 82°C (-30 to 180°F)
- Usable Blade Wear Length ..... 9mm (3/8")
- Blade Material ..... Long Life Tungsten Carbide (for 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

**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.

Lead time: 1 working day

## Spring Tensioner Selection Chart

CLEANER TYPE AND SIZE	76074 QMT-P	76075 QMT-W	79039 QMT-S
<b>HXF2</b>			
450mm (18") SS & S	X		
450mm (18") M; 600mm–900mm (24–36"); 1050mm–1200mm (42–48") SS & S; 1350mm (54") SS		X	
1050mm–1200mm (42–48") M & L; 1350mm–1800mm (54–72") S, M, L			X
<b>HV</b>			
450mm (18") SS, S, M; 600mm–750mm (24–30") SS & S	X		
600mm–750mm (24–30") M; 900mm–1200mm (36–48"); 1350mm (54") S, M, L; 1500mm (60") S		X	
1350mm (54") LL; 1500mm (60") M, L, LL; 1800mm (72") S			X
<b>HVP</b>			
450mm (18") S, M; 600mm–750mm (24–30") S	X		
600mm–750mm (24–30") M; 900mm–1200mm (36–48"); 1350mm S, M, L; 1500mm (54") S			X
1350mm (54") LL; 1500mm (60") M, L, LL; 1800mm (72") S			X

# Product Ordering Information

## H-Type® with V-Tips High Temperature Precleaner

### High-Temp 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 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
No. V-Tips Required	2	3	3	4	5	5

### Replacement V-Tips

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

Lead time: 1 working day

### 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.
- Compatible with reversing belts.

# Product Ordering Information

**EZS2**  
**Standard Duty Secondary Cleaner**

## EZS2 With C-Tips

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
No. 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 Temperature Secondary Cleaner

### High-Temp EZS2 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
No. 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

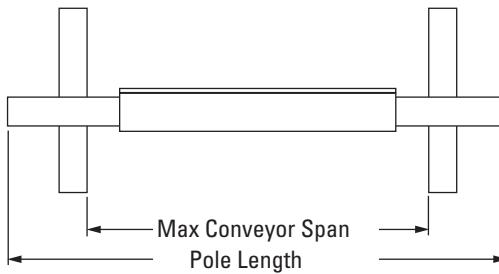
**EZS2**  
**Standard Duty Secondary Cleaner**

## Pole Length Specifications

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

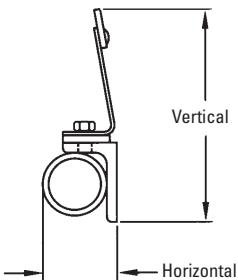
Pole Diameter - 60mm (2-3/8") on 450–1350mm (18–54")

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



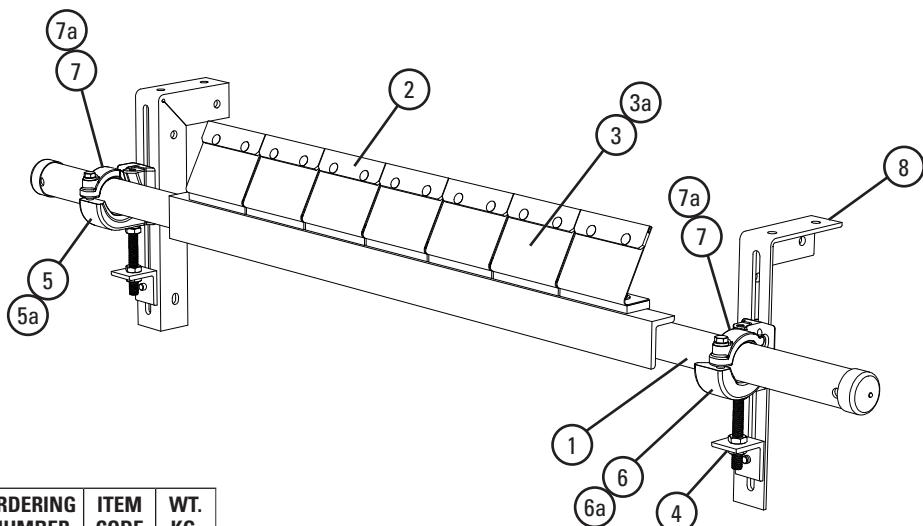
## Specifications:

- Maximum Belt Speed ..... 3.5 m/s (700 FPM)
- Temperature Rating (EZS2) ..... -35 to 93°C (-30 to 200°F)
- Temperature Rating (EZS2 High-Temp) ..... Up to 204°C (400°F) with spikes to 232°C (450°F)
- Usable Blade Wear Length ..... 9mm (3/8")
- Blade Material ..... Impact Resistant Tungsten Carbide (works with mechanical fasteners)
- Available for Belt Widths ..... 450 to 1800mm (18 to 72")
- CEMA Cleaner Classification ..... Class 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)	CCKL	79224	3.1
5a	HD Pole Clamp Kit LEFT* (1 ea.) (incl. item 7a)	CCKHDL	79225	3.9
6	Pole Clamp Kit RIGHT* (1 ea.) (incl. item 7)	CCCR	79228	3.1
6a	HD Pole Clamp Kit RIGHT* (1 ea.) (incl. item 7a)	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* (incl. (2) ea. items 4 & (1) ea. items 5, 6 & 8)	CCMK	78919	15.0
-	HD Cradle Clamp Mounting Kit* (incl. (2) ea. items 4 & (1) ea. items 5a, 6a & 8)	CCMKHD	78920	16.6

\*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
No. C-Tips Required	3	4	5	6	7	8	9	10	12

## Mounting Kit Selection Chart

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

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

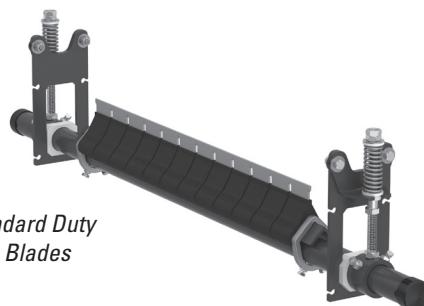
# Product Ordering Information

## **Y-Type™ Standard Duty Secondary Cleaner with Carbide/Polyurethane Blades and YST Tensioner**

### 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

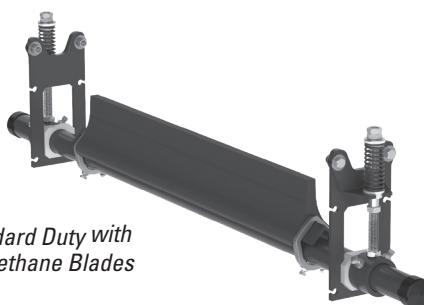


*Y-Type™ Standard Duty with Carbide Blades*

### With Polyurethane Blades - Purple

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

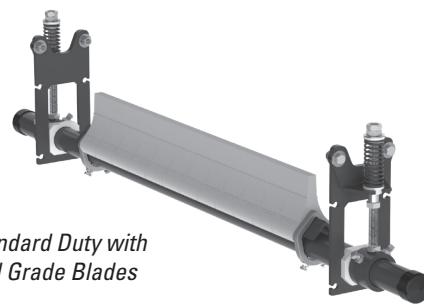


*Y-Type™ Standard Duty with Purple Polyurethane Blades*

### With Polyurethane Blades - White

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

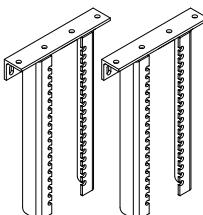


*Y-Type™ Standard Duty with White / Food Grade Blades*

### Optional YST Drop Brackets (2)

ORDERING NUMBER	ITEM CODE	WT. KG.
YSTDBK2	113390	14.5

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.
- 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.
- Simple design makes changing the blades fast and easy. Blades can be removed and replaced individually, or all at once by replacing the cartridge.

# Replacement Blades

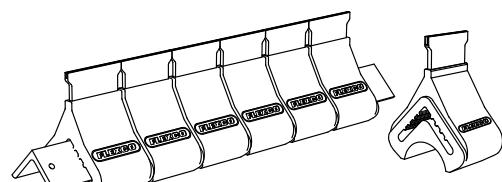
**Y-Type™ Standard Duty  
Secondary Cleaner  
with Carbide/Polyurethane Blades  
and YST Tensioner**

## Carbide Blades

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



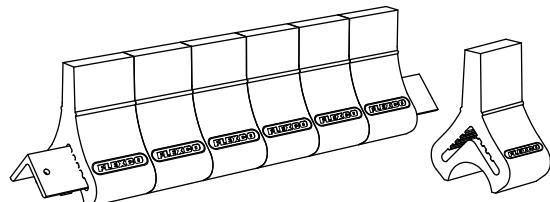
*Y-Type™ Standard Duty  
Carbide Blade Cartridge*

## Polyurethane Blades - Purple

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*

## Polyurethane Blades - White<sup>†</sup>

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

<sup>†</sup>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

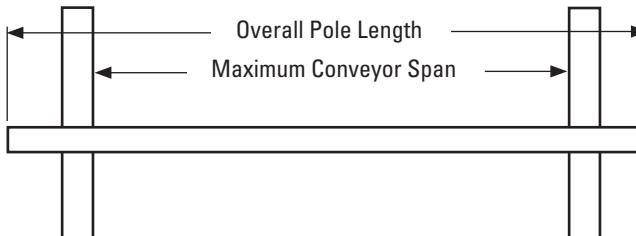
## Y-Type™ Standard Duty Secondary Cleaner with YST Tensioner

### 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

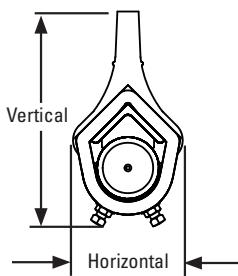
Pole Length - Belt +750mm (30")

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



### Blade Specifications

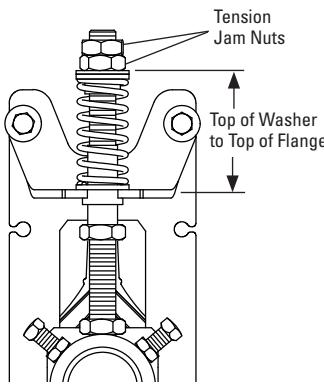
CUSHION	DUROMETER	TEMPERATURE RANGE
Purple (Standard)	86A	-35° to 82° C -30° to 180°F
White (Food Grade) ‡	83A	-35° to 82° C -30° to 180°F
Carbide	86A	-35° to 82° C -30° to 180°F

‡ 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

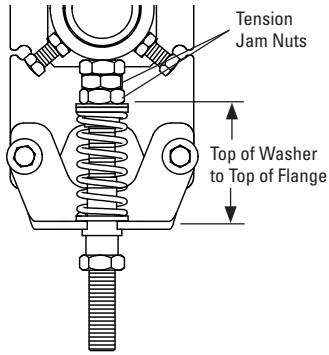
### YST Spring Length Chart

BLADE WIDTH	CARBIDE TIP		PURPLE OR WHITE POLYURETHANE TIP				
	SILVER SPRINGS		YELLOW SPRINGS		PURPLE SPRINGS		
	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)



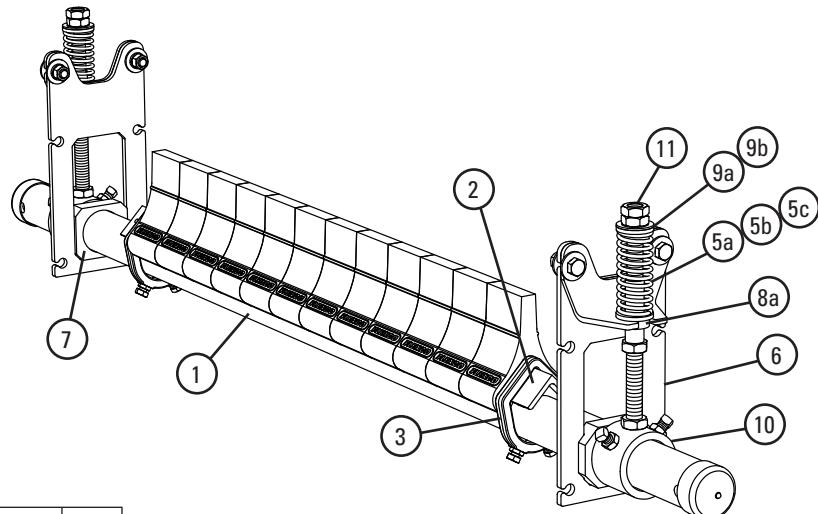
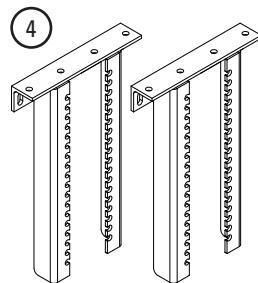
Push-Up Tensioner Configuration (SD)

### Specifications:

- Maximum Belt Speed ..... 3 m/s (600 FPM)
- Temperature Rating ..... -35 to 82°C (-30 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)	YSTDBK2	113390	14.5
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 (inc. Angle 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 Spring Tensioner - Yellow (Pair) (incl. (2) ea. items 5a, 6, 10, 11; (1) ea. items 7, 8, 9a)	YST-Y	79836	8.3
-	YST Spring Tensioner - Purple (Pair) (incl. (2) ea. items 5b, 6, 10, 11; (1) ea. items 7, 8, 9a)	YST-P	79837	8.4
-	YST Spring Tensioner - Silver (Pair) (incl. (2) ea. items 5c, 6, 10, 11; (1) ea. items 7, 8, 9b)	YST-S	79838	8.5

\*Hardware included

Lead time: 1 working day

### Blades Required per Cleaner Size

mm	450	600	750	900	1050	1200
in.	18	24	30	36	42	48
No. 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

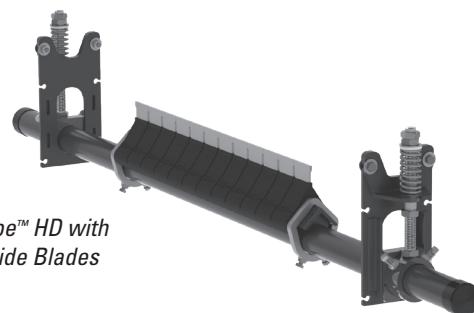
# Product Ordering Information

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

### 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

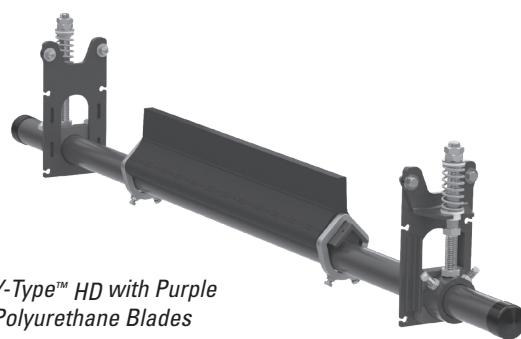


*Y-Type™ HD with Carbide Blades*

### With Polyurethane Blades - Purple

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

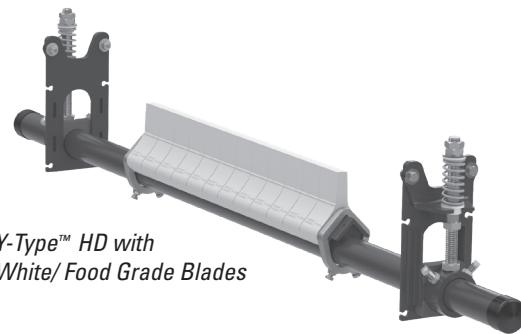


*Y-Type™ HD with Purple Polyurethane Blades*

### With Polyurethane Blades - White

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

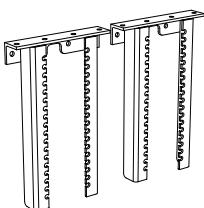


*Y-Type™ HD with White/Food Grade Blades*

### Optional YST HD Drop Brackets (2)

ORDERING NUMBER	ITEM CODE	WT. KG.
YSTHDBBK	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.
- 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.
- 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

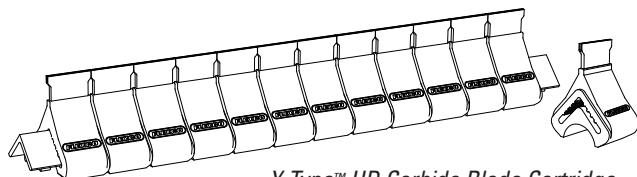
**Y-Type™ Heavy Duty Secondary Cleaner  
with HD Carbide/Urethane Blades and YST Tensioner**

## HD Carbide Blades

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



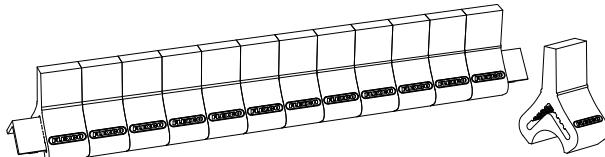
Y-Type™ HD Carbide Blade Cartridge

## HD Polyurethane Blades - Purple

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
-	-	YT-HDP*	79677	0.8
450	18	YCART-36/900-HDP	79817	16.6
600	24	YCART-42/1050-HDP	79818	19.2
750	30	YCART-48/1200-HDP	79819	21.8
900	36	YCART-54/1350-HDP	79820	24.4
1050	42	YCART-60/1500-HDP	79821	27.1
1200	48	YCART-72/1800-HDP	79822	32.4

\*Single 75mm (3") blade segment

Lead time: 1 working day



Y-Type™ HD Polyurethane Blade Cartridge

## HD Polyurethane Blades - White<sup>†</sup>

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
-	-	YT-HDW*	79676	0.8
450	18	YCART-36/900-HDW	79823	16.6
600	24	YCART-42/1050-HDW	79824	19.2
750	30	YCART-48/1200-HDW	79825	21.8
900	36	YCART-54/1350-HDW	79826	24.4
1050	42	YCART-60/1500-HDW	79827	27.1
1200	48	YCART-72/1800-HDW	79828	32.4

\*Single 75mm (3") blade segment

<sup>†</sup>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

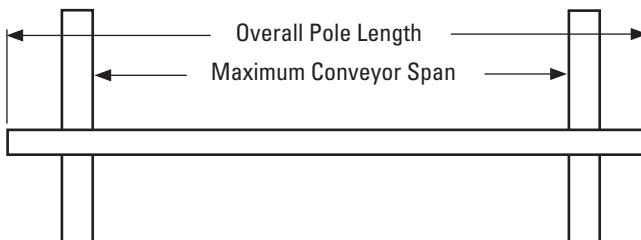
## Y-Type™ Heavy Duty Secondary Cleaner with YST Tensioner

### 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

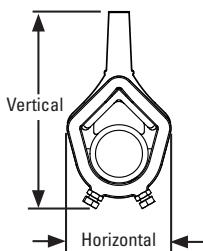
Pole Length - Belt +1350mm (54")

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



### Blade Specifications

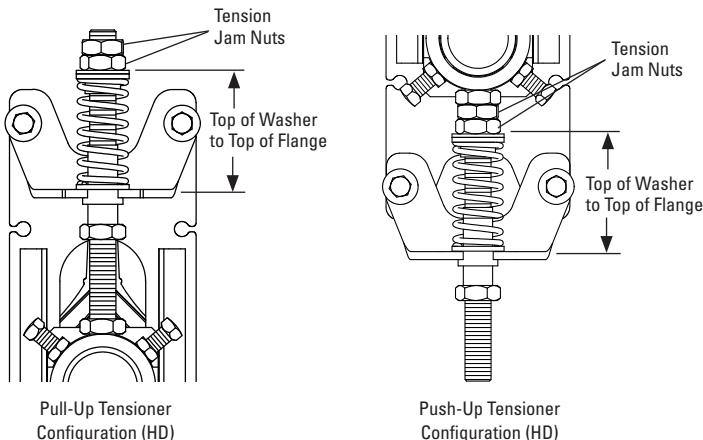
CUSHION	DUROMETER	TEMPERATURE RANGE
Purple (Standard)	86A	-35° to 82° C -30° to 180°F
White (Food Grade) ‡	83A	-35° to 82° C -30° to 180°F
Carbide	86A	-35° to 82° C -30° to 180°F

‡ 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

### YST Spring Length Chart

BLADE WIDTH	CARBIDE TIP		POLYURETHANE TIP						
	SILVER SPRINGS		BLACK SPRINGS		GREEN SPRINGS				
	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.

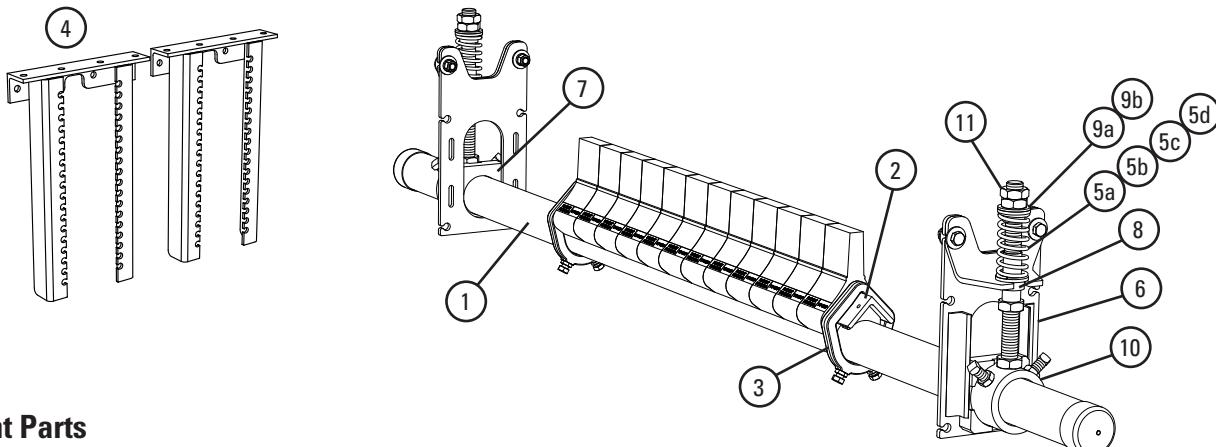


### Specifications:

- Maximum Belt Speed ..... 3.8 m/s (750 FPM)
- Temperature Rating ..... -35 to 82°C (-30 to 180°F)
- Usable Blade Wear Length ..... 75 mm (3") (Polyurethane)  
10 mm (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 1800 mm (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)	YSTHDBBK	79850	14.6
5a	YST HD Spring - Green	YSTHDS-GR	79797	0.2
5b	SST Spring - Silver	STS-S	75843	0.4
5c	YST HD Spring - Blue (for Y-Type HD Carbide Cleaners)	YSTHDS-BL	79798	0.3
5d	SST Spring - Black (for Y-Type HD Carbide Cleaners)	STS-B	75844	0.5
6	YST HD Mounting Bracket (incl. Angle Bracket)	YSTHDMB	79849	3.0
7	YST HD Guide Block Kit (Pair)	YSTHDBGK	79851	0.5
8	YST HD Lower Bushing Kit (Pair)	YSTHDLBK	79852	0.04
9a	YST HD Top Bushing Kit White (Pair)	YSTHDBK-W	79853	0.04
9b	YST HD Top Bushing Kit Black (Pair)	YSTHDBK-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 Spring Tensioner - Silver (Pair) (incl. (2) ea. items 5b, 6, 10, 11; (1) ea. items 7, 8, 9a)	YSTHD-S	79840	15.2
-	YST Spring Tensioner - Black (Pair) (incl. (2) ea. items 5d, 6, 10, 11; (1) ea. items 7, 8, 9b)	YSTHD-BK	79842	15.5
-	YST Spring Tensioner - Green (Pair) (incl. (2) ea. items 5a, 6, 10, 11; (1) ea. items 7, 8, 9a)	YSTHD-GR	79839	14.9
-	YST Spring Tensioner - Blue (Pair) (incl. (2) ea. items 5c, 6, 10, 11; (1) ea. items 7, 8, 9b)	YSTHD-BL	79841	15.0

\*Hardware included

Lead time: 1 working day

### Blades Required per Cleaner Size

mm	900	1050	1200	1350	1500	1800
in.	36	42	48	54	60	72
No. Blades Required	6	8	10	12	14	16

### Spring Tensioner Selection Chart

Cleaner Blade Width	79840 YSTHD- S	79842 YSTHD- BK	79839 YSTHD- GR	79841 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

# Product Ordering Information

**P-Type®  
Secondary Cleaner**

## 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



## With V-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
450	18	PV-18	78453	32.8
600	24	PV-24	78415	36.0
800	32	PV-30	78417	38.6
1000	40	PV-36	78419	41.8
1200	48	PV-42	78421	47.6
1400	56	PV-48	78423	50.7
1500	60	PV-54	78454	55.4
1600	64	PV-60	78455	58.1
1800	72	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
No. 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.

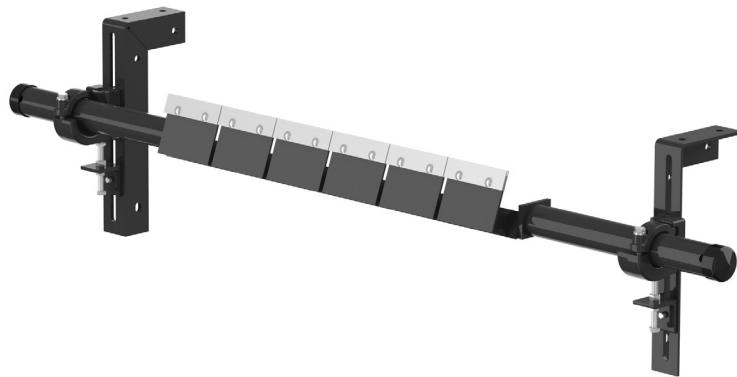
# Product Ordering Information

## 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
No. 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").

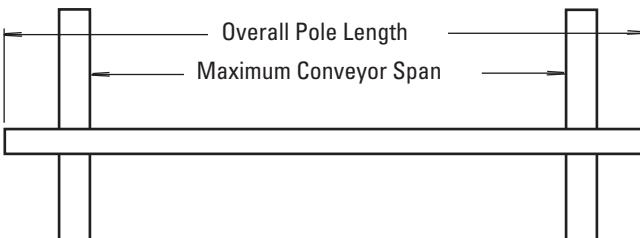
# Specifications & Guidelines

**P-Type®**  
**Secondary Cleaner**

## Pole Length Specifications

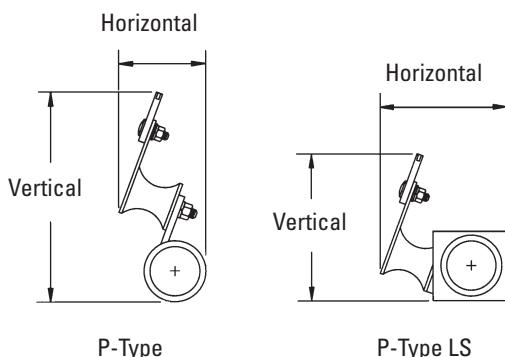
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.
450	18	1200	48	1075	43
600	24	1350	54	1225	49
750	30	1500	60	1375	55
900	36	1650	66	1525	61
1050	42	1800	72	1675	67
1200	48	1950	78	1825	73
1350	54	2200	88	2075	83
1500	60	2350	94	2225	89
1800	72	2650	106	2525	101

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

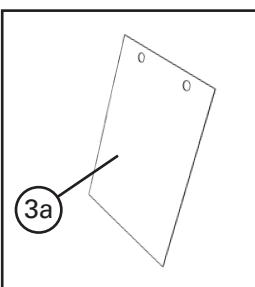
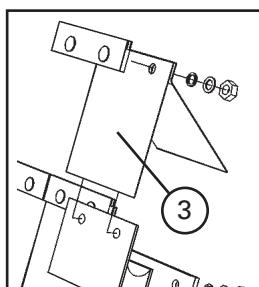
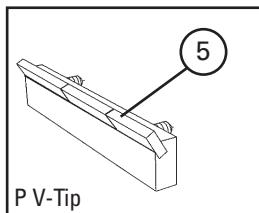
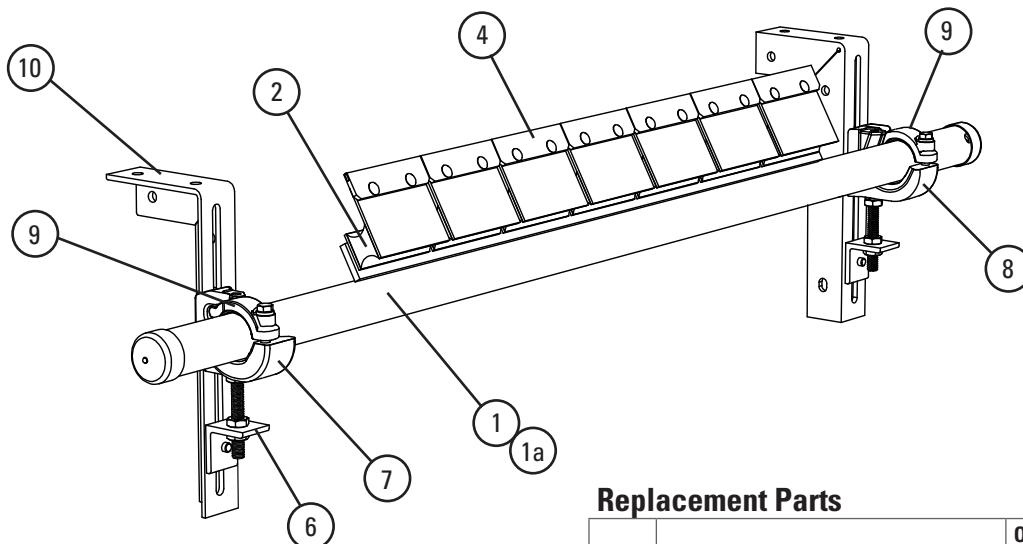
CUSHION	DUROMETER	TEMPERATURE RANGE
Standard	55A	-35° to 82° C -30° to 180°F

## Specifications:

- Maximum Belt Speed ..... 5 m/s (1000 FPM)
- Temperature Rating ..... -35 to 82°C (-30 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 (works on vulcanized belts only)
- Available for Belt Widths ..... **P-Type:** 450 to 1800mm (18 to 72")  
**P-Type LS:** 450 to 1350mm (18 to 54")  
Other sizes available upon request.
- CEMA Cleaner Classification ..... Class 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
1a	1800mm (72") Pole	PP72	73017	29.0
	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.) (inlc. item 9)	CCKL	79224	3.1
8	Pole Clamp Kit Right* (1 ea.) (inlc. 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* (inlc. 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
No. 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
No. 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.

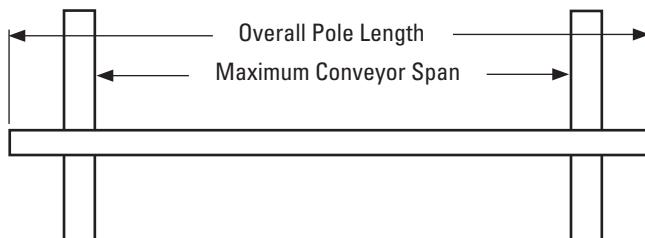
# Specifications & Guidelines

**R-Type®**  
*Reversing Secondary Cleaner*

## Pole Length Specifications

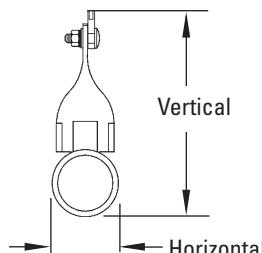
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.
450	18	1200	48	1075	43
600	24	1350	54	1225	49
750	30	1500	60	1375	55
900	36	1650	66	1525	61
1050	42	1800	72	1675	67
1200	48	1950	78	1825	73
1350	54	2200	88	2075	83
1500	60	2350	94	2225	89
1800	72	2650	106	2525	101

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

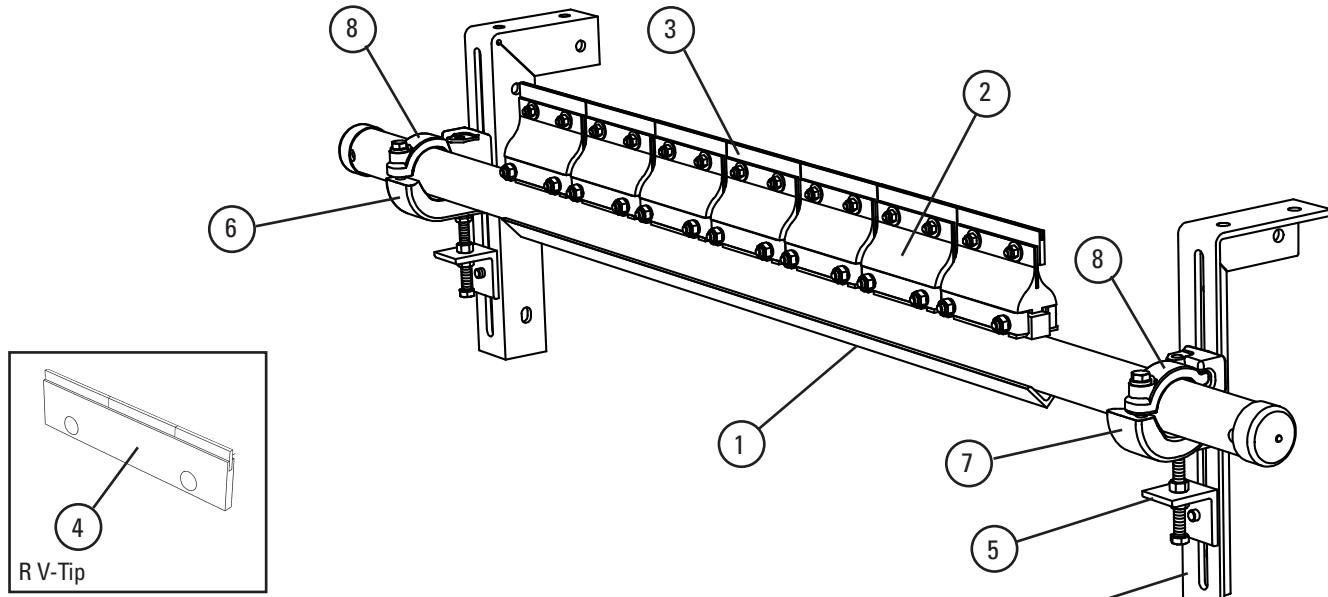
CUSHION	DUROMETER	TEMPERATURE RANGE
Standard	55A	-35° to 82° C -30° to 180°F

## Specifications:

- Maximum Belt Speed ..... 5 m/s (1000 FPM)
- Temperature Rating ..... -35 to 82°C (-30 to 180°F)
- Usable Blade Wear Length..... 9 mm (3/8")
- Blade Materials ..... Impact Resistant Tungsten Carbide (works with mechanical fasteners)  
**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 1800 mm (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
	R2 C-Tip Cushion*	RSA	76249	0.9
2	C-Tip Kit* (1 ea.)	ICT6	74535	0.3
3	R V-Tip* (for vulcanized belts only)	RSA150	73628	0.6
4	Adjusting Bracket Kit* (1 ea.)	PAB	75513	0.7
5	Pole Clamp Kit Left* (1 ea.) (incl. 1 item 8)	CCKL	79224	3.1
6	Pole Clamp Kit Right* (1 ea.) (incl. 1 item 8)	CCKR	79228	3.1
7	Pole Clamp Top Strap (1 ea.) For use on left or right Pole Clamp Kit	CCKTS	79232	0.5
8	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
No. C-Tips or V-Tips Required		3	4	5	6	7	8	9	10	12

# Product Ordering Information

**FMS**  
**Flexco Secondary Cleaner**  
**(MST Tensioners)**

## FMS 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 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
No. 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 Mineline Installation Accessories - Pole Extender Kit.
- 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.

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

# Specifications & Guidelines

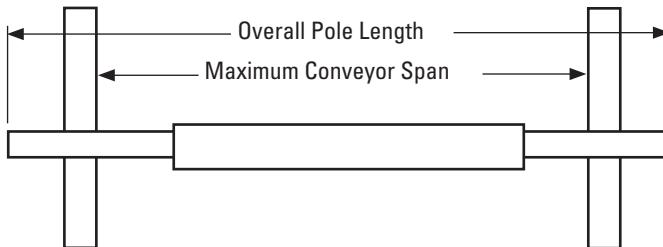
**FMS**  
**Flexco Secondary Cleaner**

## 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

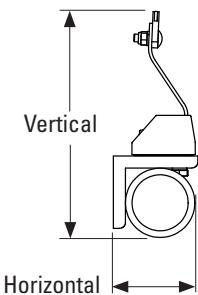
\*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 750mm (30") of extended pole length.

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



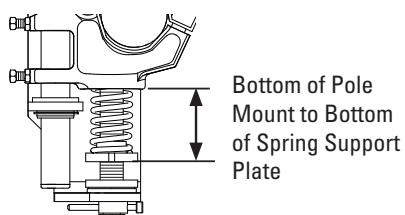
## Clearance Guidelines for Installation

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 3/4
1800	72	N/A	N/A	N/A	N/A	70	2 3/4



Shading indicates preferred spring option. Measure spring as shown.

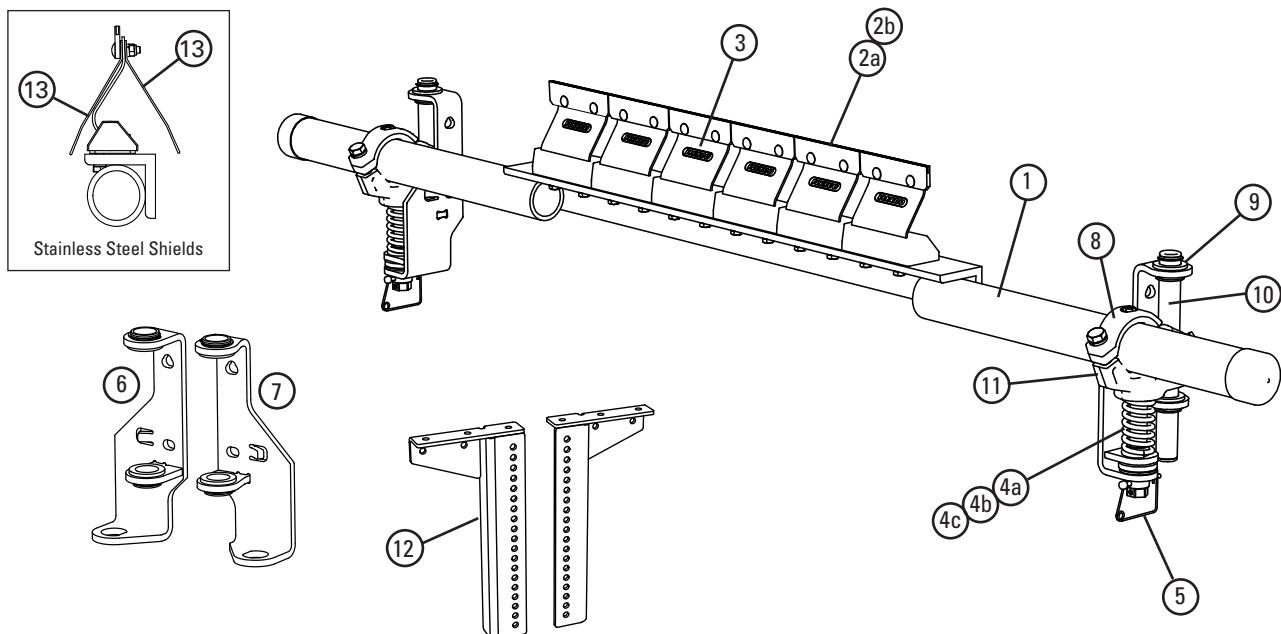
## Specifications:

- Maximum Belt Speed ..... 5 m/s (1000 FPM)
- Temperature Rating ..... -35 to 82°C (-30 to 180°F)
- Usable Blade Wear Length ..... 9 mm (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 ..... 450 to 1800 mm (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 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)	MSTDB	79434	12.6
13	PSS 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

## 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

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

# Product Ordering Information

**MHS**  
**Heavy-Duty Secondary Cleaner**  
**with SST XD Tensioners**

## 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	126.0

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

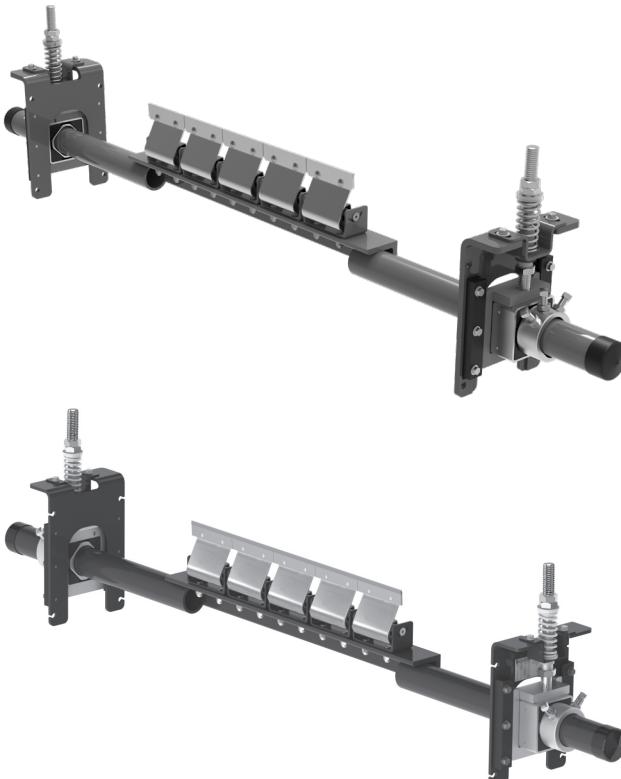
Lead time: 1 working day

## 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 Mineline Installation Accessories - Pole Extender Kit.
- 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 XD Spring Tensioner for self-adjusting tensioning with easy retensioning adjustments.
- To make cleaner installation easier and quicker, see Optional Mounting Kits.



## 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**  
**with MST Tensioners**

## 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 Mineline Installation Accessories - Pole Extender Kit.
- 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.

# Product Ordering Information

## MHS Heavy-Duty Secondary Cleaner with Polyurethane Cushion Shields and SST XD Tensioners

### 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

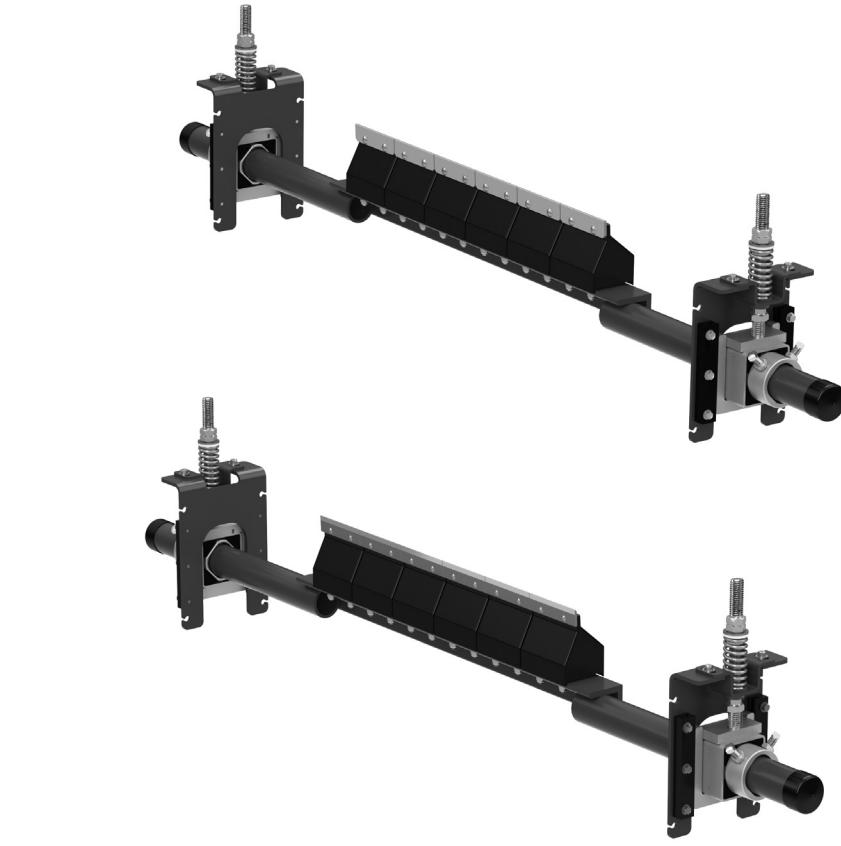
### Replacement Tips

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

Lead time: 1 working day

### Tips Required Per Cleaner Size

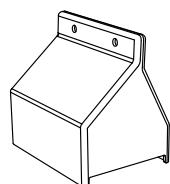
mm	450	600	750	900	1050	1200	1350	1500	1800	2100	2400
in.	18	24	30	36	42	48	54	60	72	84	96
C-Tips or V-Tips Required	3	4	5	6	7	8	9	10	12	14	16



### Replacement Cushion Shield

ORDERING NUMBER	ITEM CODE	WT. KG.
UPFCC	79320	0.1

Lead time: 1 working day



Polyurethane Cushion Shield

### 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 Mineline Installation Accessories - Pole Extender Kit.
- 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 XD Spring Tensioner for self-adjusting tensioning with easy retensioning adjustments.
- To make cleaner installation easier and quicker, see Optional Mounting Kits.

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

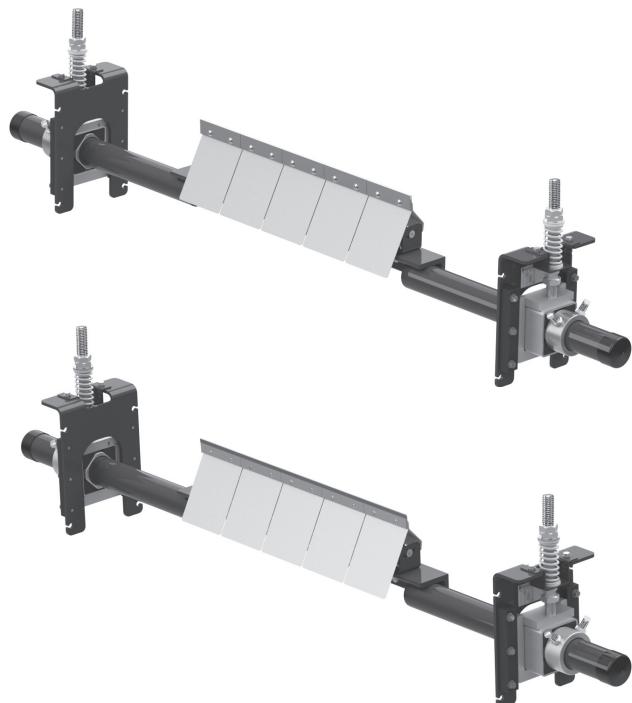
# Product Ordering Information

**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
750	30	MHS750R	82974
900	36	MHS900R	82975
1050	42	MHS1050R	82976
1200	48	MHS1200R	82977
1350	54	MHS1350R	82978
1500	60	MHS1500R	82979
1650	66	MHS1650R	82980
1800	72	MHS1800R	82981
1950	78	MHS1950R	82982
2100	84	MHS2100R	82983
2250	90	MHS2250R	82984
2400	96	MHS2400R	82985

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
600	24	MHS600RV	82987
750	30	MHS750RV	82988
900	36	MHS900RV	82989
1050	42	MHS1050RV	82990
1200	48	MHS1200RV	82991
1350	54	MHS1350RV	82992
1500	60	MHS1500RV	82993
1650	66	MHS1650RV	82994
1800	72	MHS1800RV	82995
1950	78	MHS1950RV	82996
2100	84	MHS2100RV	82997
2250	90	MHS2250RV	82998
2400	96	MHS2400RV	82999

\*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 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:

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

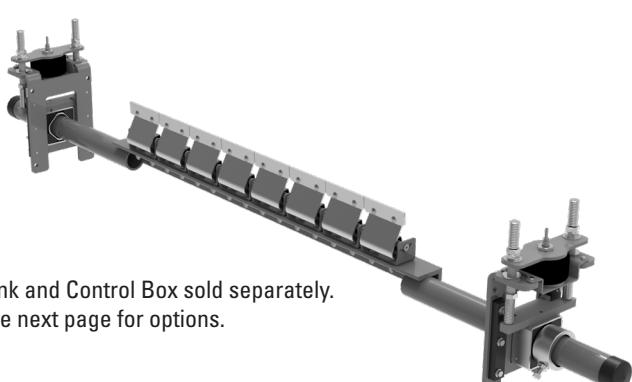
## MHS HD with SAT XD Tensioner\*

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

\*Includes Control Box

\*\*1500mm - 2400mm (60"-96") models have a 3-piece pole.

Lead time: 1 working day



Tank and Control Box sold separately.  
See next page for options.

## Product Notes:

- The SAT XD Tensioners automatically adjust the blades to the belt until the blades are worn out.
- Does not include air tank. Select option.

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

# Product Ordering Information

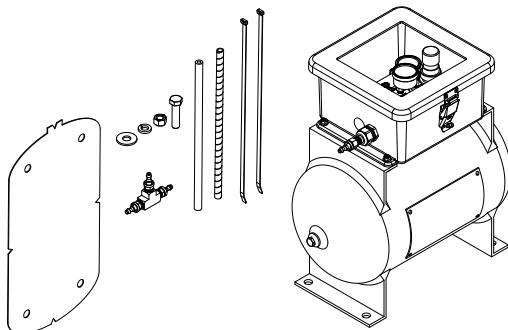
## Line Connections for Pneumatic Air Tensioner

### Control Box/Tank Combo Units for Closed System

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Control Box/Tank Combo Unit for Precleaner - 60 PSI	PAT-C-60	108230	29.0
Control Box/Tank Combo Unit for Secondary Cleaner - 100 PSI	PAT-C-100	108231	29.0

#### Product Notes:

- For use with cleaners with new PAT systems.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction tank.
- Fully sealed enclosure includes all critical items - regulator, tank gauge, downstream gauge, schrader valve, in-line filter, downstream valve.

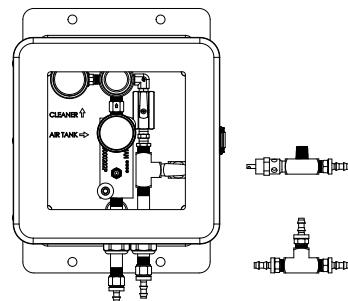


### Control Box for Legacy Tank

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Control Box Kit for Precleaner - 60 PSI	PACB2-60	108228	6.2
Control Box Kit for Secondary Cleaner - 100 PSI	PACB2-100	108229	6.2

#### Product Notes:

- For use with Legacy PAT1/PAT2 tank systems ordered prior to January 2024.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- May also be paired with Air Tank for Legacy Control Box if preferred.

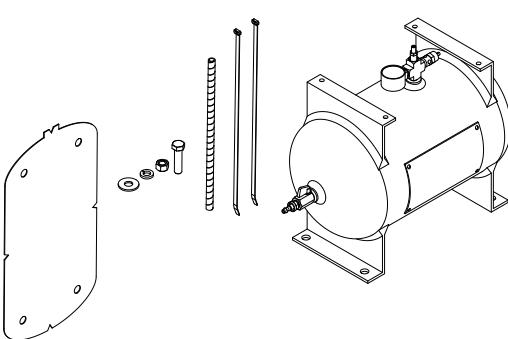


### Air Tank for Legacy Control Box

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
ASME Air Tank Kit	PAT-N	108232	21.5

#### Product Notes:

- For use with Legacy PACB60/PACB100 control boxes ordered prior to January 2024.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction tank.
- May also be paired with Control Box for Legacy Tank if preferred.



### Replacement Parts List

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
10' (3m) Hose Kit	PATHK	78794	0.7
Upgrade Fitting Kit (fill valve, push-on fittings, plugs)	AWTRK	79319	0.2

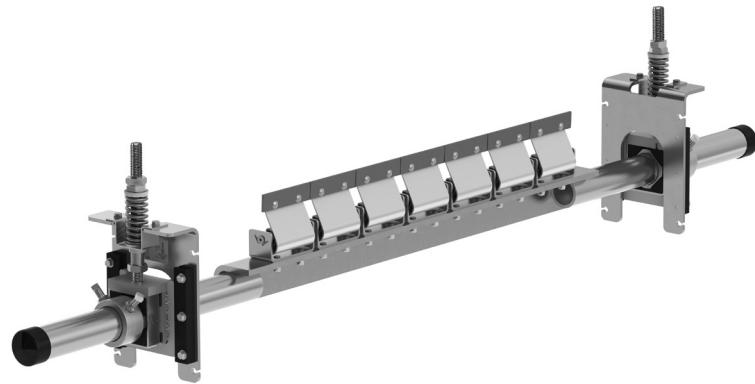
# Product Ordering Information

## ***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
750	30	MHS-30-S/S
900	36	MHS-36-S/S
1050	42	MHS-42-S/S
1200	48	MHS-48-S/S
1350	54	MHS-54-S/S
1500	60	MHS-60-S/S
1800	72	MHS-72-S/S
2100	84	MHS-84-S/S
2400	96	MHS-96-S/S

Lead time: 3 weeks

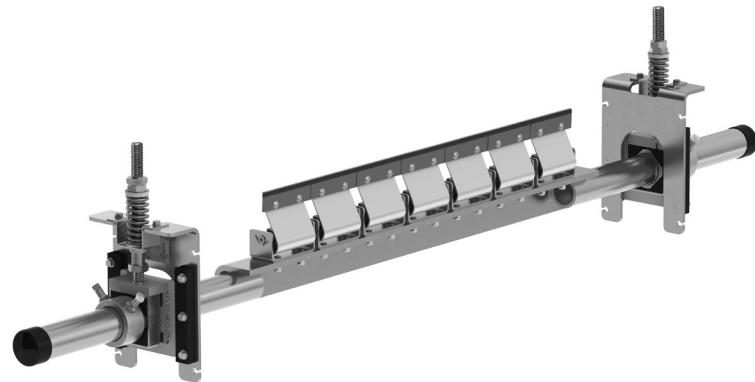


### **SS MHS HD Secondary with V-Tips\***

BELT WIDTH	ORDERING NUMBER	ITEM CODE
mm	in.	
600	24	MHS-24V-S/S
750	30	MHS-30V-S/S
900	36	MHS-36V-S/S
1050	42	MHS-42V-S/S
1200	48	MHS-48V-S/S
1350	54	MHS-54V-S/S
1500	60	MHS-60V-S/S
1800	72	MHS-72V-S/S
2100	84	MHS-84V-S/S
2400	96	MHS-96V-S/S

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

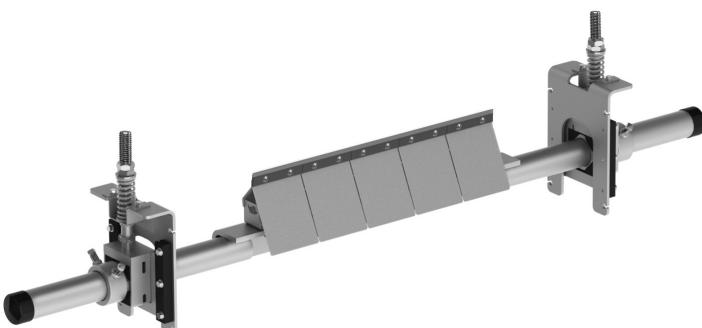
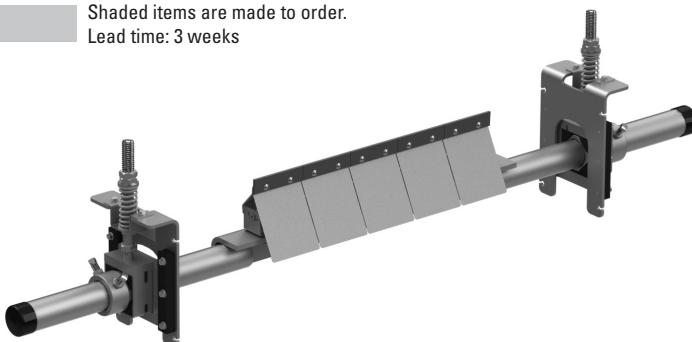
Lead time: 3 weeks



For replacement tips and qty of tips per cleaner.

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
750	30	MHS-30R-S/S
900	36	MHS-36R-S/S
1050	42	MHS-42R-S/S
1200	48	MHS-48R-S/S
1350	54	MHS-54R-S/S
1500	60	MHS-60R-S/S
1800	72	MHS-72R-S/S
2100	84	MHS-84R-S/S
2400	96	MHS-96R-S/S

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
750	30	MHS-30RV-S/S
900	36	MHS-36RV-S/S
1050	42	MHS-42RV-S/S
1200	48	MHS-48RV-S/S
1350	54	MHS-54RV-S/S
1500	60	MHS-60RV-S/S
1800	72	MHS-72RV-S/S
2100	84	MHS-84RV-S/S
2400	96	MHS-96RV-S/S

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

Lead time: 3 weeks

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

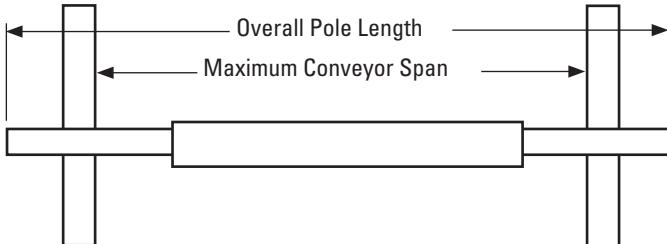
# Specifications & Guidelines

**MHS**  
**Heavy-Duty Secondary Cleaner**

## Pole Length Specifications\*

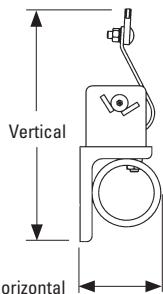
CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
mm	in.	mm	in.	mm	in.	mm	in.
450	18	450	18	1800	72	1550	62
600	24	600	24	1950	78	1700	68
750	30	750	30	2100	84	1850	74
900	36	900	36	2250	90	2000	80
1050	42	1050	42	2400	96	2150	86
1200	48	1200	48	2550	102	2300	92
1350	54	1350	54	2700	108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

Belt Width		White Springs		Silver Springs		Black Springs		Gold Springs	
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

Shading indicates preferred spring option.

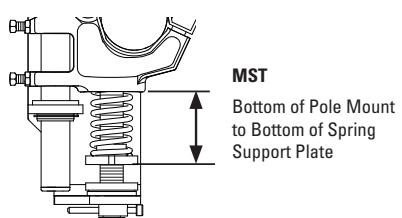
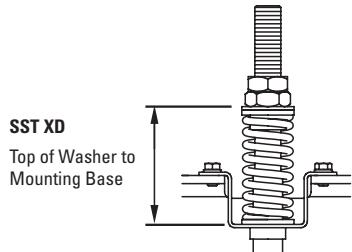
## MST Spring Length Chart

Belt Width		White Springs		Silver Springs		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.

## SAT XD Pressure Chart

Belt Width		No. of Blades	Pressure
mm	in.	kPa	psi
450	18	3	103 15#
600	24	4	131 19#
750	30	5	159 23#
900	36	6	186 27#
1050	42	7	214 31#
1200	48	8	241 35#
1350	54	9	269 39#
1500	60	10	296 43#
1800	72	12	352 51#
2100	84	14	407 59#
2400	96	16	462 67#



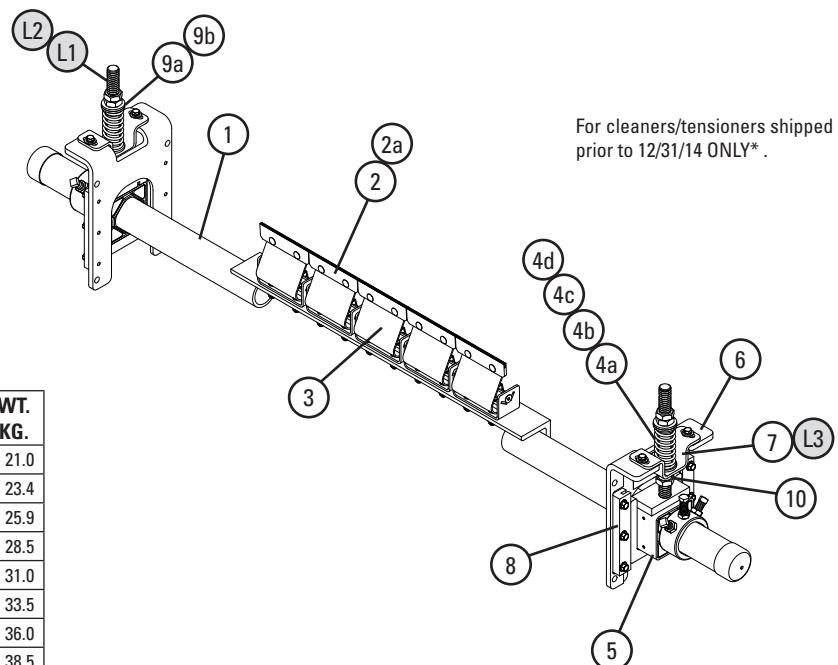
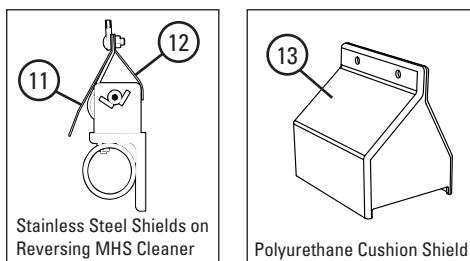
## Specifications

- Maximum Belt Speed ..... SST XD/SAT XD Tensioner - 6 m/s (1200 FPM)
- Maximum Belt Speed ..... MST Tensioner - 5 m/s (1000 FPM)
- Temperature Rating ..... -35 to 82°C (-30 to 180°F)
- Usable Blade Wear Length..... 9 mm (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 ..... SST XD/SAT XD Tensioners - 450 to 2400 mm (18 to 96"). Other sizes available upon request.
- Available for Belt Widths ..... MST Tensioners - 450 to 1800mm (18 to 72"). Other sizes available upon request.
- CEMA Cleaner Classification ..... Class 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	23.4
	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	38.5
	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.)	STS-W	75846	0.2
4b	Tension Spring - Silver (1 ea.)	STS-S	75843	0.4
4c	Tension Spring - Black (1 ea.)	STS-B	75844	0.5
4d	Tension Spring - Gold (1 ea.)	STS-G	78142	0.6
5	HD Torsion Pole Mount* (1 ea.) (incl. HD adjusting rod, nuts & sleeve) (See 9 & 9a for bushings)	SSTHDPM	77868	6.8
6	SST XD Mounting Base Kit* (incl. 1 mounting base, 2 slide guides, top hat bracket & bottom bushing)	SSTXDMK	91412	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 (incl. 2 bushings)	SSTBK-W	76636	0.0
9b	SST Bushing Kit - Black/Gold (incl. 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
-	SST XD Spring Tensioner* - White (incl. 2 ea. items 4a, 5, 6, & 9a)	SSTXD-W	91408	27.5
-	SST XD Spring Tensioner* - Silver (incl. 2 ea. items 4b, 5, 6, & 9a)	SSTXD-S	91409	27.8
-	SST XD Spring Tensioner* - Black (incl. 2 ea. items 4c, 5, 6, & 9b)	SSTXD-B	91410	28.1
-	SST XD Spring Tensioner* - Gold (incl. 2 ea. items 4d, 5, 6, & 9b)	SSTXD-G	91411	28.4

\*Hardware Included

Lead time: 1 working day

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

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
L1	Adjusting Rod Kit (incl. 1 rod, 2 nuts, 1 bushing, 1 washer) for belts 600–1500mm (24–60")	STAK	75847	1.3
L2	HD Adjusting Rod Kit (incl. 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
-	SAT2 Adjusting Rod Kit (2 ea.)	SAT2AK	78733	2.3
-	SST Tensioner Bushing Update Kit (incl. 2 lower bushings, 2 sleeves, 2 nuts)	SST-BUK	76943	0.1

\*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

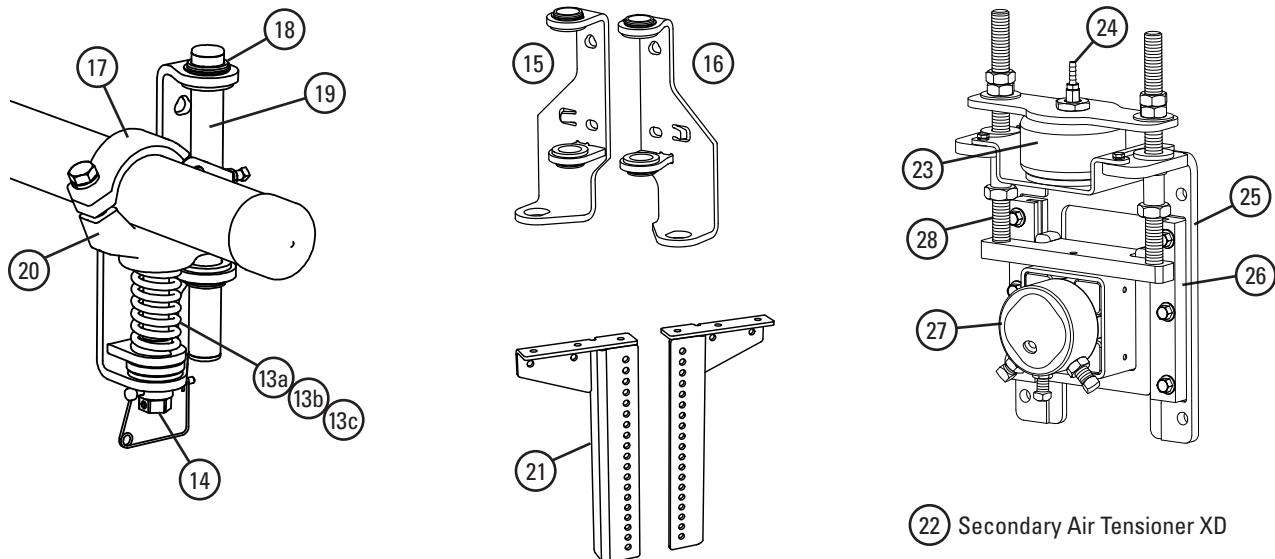
## Spring Tensioner Selection Chart

CLEANER SIZE	91408 SSTXD-W	91409 SSTXD-S	91410 SSTXD-B	91411 SSTXD-G
MHS 450–750mm (18–30")	X			
MHS 900–1200mm (36–48")		X		
MHS 1350–2100mm (54–84")			X	
MHS 2400mm (96")				X

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

# Replacement Parts List

**MHS**  
**Heavy-Duty Secondary Cleaner**  
**Optional MST and SAT XD Tensioners**



## MST Tensioner Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
13a	Tension Spring – White (1 ea.)	STS-W	75846	0.2
13b	Tension Spring – Silver (1 ea.)	STS-S	75843	0.4
13c	Tension Spring – Black (1 ea.)	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 Spring Tensioner - White* (incl. 1 ea. items 15, 16, 18; 2 ea. items 13a, 14, 17, 19, 20)	MSTHD-W	79431	16.7
-	MST HD Spring Tensioner - Silver* (incl. 1 ea. items 15, 16, 18; 2 ea. items 13b, 14, 17, 19, 20)	MSTHD-S	79432	17.0
-	MST HD Spring Tensioner - Black* (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

## SAT XD Tensioner Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
22	SAT XD	SATXDNCB	91414	18.6
23	SAT Air/Water Bag Kit (1 ea.)	SATB	76083	2.3
24	SAT 1/8" Hose Barb Kit (2 ea.)	SATHB	76084	0.0
25	SAT XD Mounting Base Kit (2 ea.)	SATXDMK	91415	5.3
26	ST Slide Guide Kit (1 ea.)	STGK2	77867	0.5
27	SAT2 Torsion Pole Mount (2 ea.) (incl. threaded rods and nuts)	SAT2PM	78732	5.0
28	SAT2 Adjusting Rod Kit	SAT2AK	78733	2.3

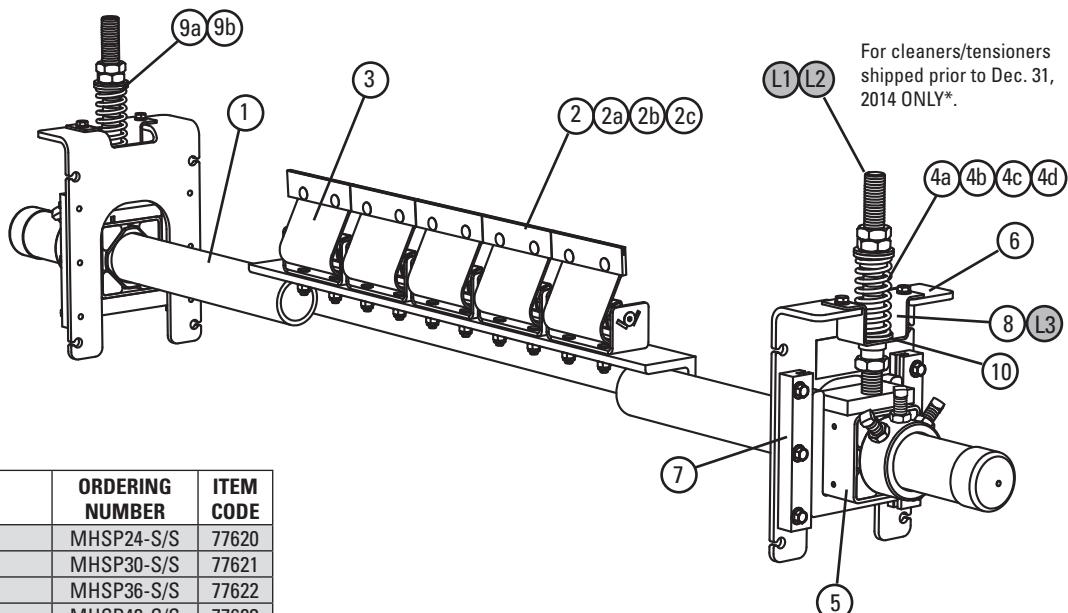
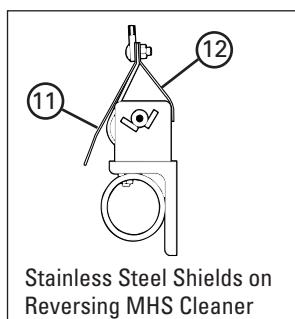
Lead time: 1 working day

## 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

# Replacement Parts List

## Stainless Steel MHS Heavy-Duty Secondary Cleaner



### 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)	RV16-S/S	76205
3	PowerFlex Cushion* (complete)	PFC-SS	76560
4a	Tension Spring - White (1 ea.)	STS-W-S/S	77630
4b	Tension Spring - Silver (1 ea.)	STS-S-S/S	77631
4c	Tension Spring - Black (1 ea.)	STS-B-S/S	77632
4d	Tension Spring - Gold (1 ea.)	STS-G-S/S	79057
5	SS HD Torsion Mounting Kit* (1 ea.) (includes adjusting rod, 3 nuts, & sleeve) (See 9 & 9a for bushings)	STHDPM2-S/S	77633
6	SS Mounting Base Kit* (includes 1 mounting base, 2 slide guides, top hat bracket & bottom bushing)	STHDMK2-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	PPSS	74773
12	PowerFlex™ Reverse Shield	PFRS	76622
-	SS Spring Tensioner* - White (includes 2 each items 4, 5, 6 & 9)	SST2HD-W-S/S	77637
-	SS Spring Tensioner* - Silver (includes 2 each items 4a, 5, 6 & 9)	SST2HD-S-S/S	77638
-	SS Spring Tensioner* - Black (includes 2 each items 4b, 5, 6 & 9a)	SST2HD-B-S/S	77639
-	SS Spring Tensioner* - Gold (includes 2 each items 4c, 5, 6 & 9a)	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.



### 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

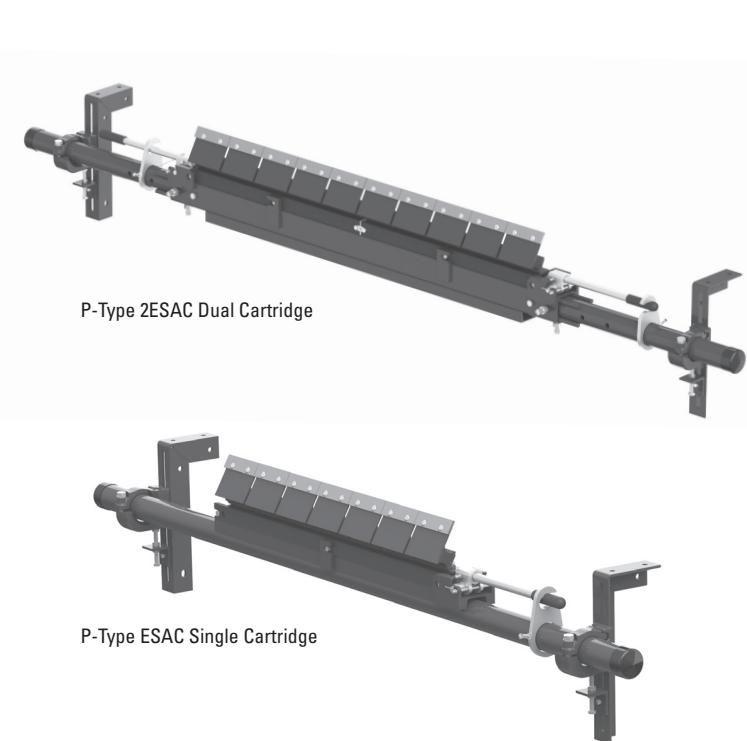
**P-Type® ESAC Secondary Cleaner**  
with Enhanced Service Advantage Cartridge

## P-Type ESAC Secondary with C-Tips

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\*

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

	600	750	900	1050	1200	1350	1500	1800	2100	2400	3000
mm	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;

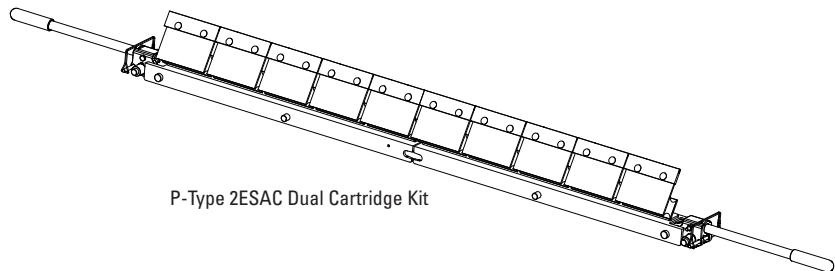
# Product Ordering Information

**P-Type® ESAC Secondary Cleaner Replacement Cartridge Kits**

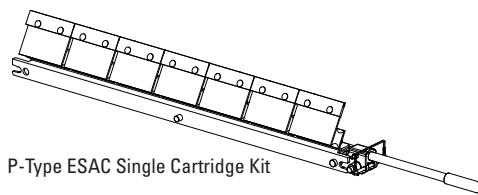
## P-Type ESAC Cartridge Kits with C-Tips

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 2ESAC Dual Cartridge Kit



P-Type ESAC Single Cartridge Kit

## 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

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

# Specifications & Guidelines

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

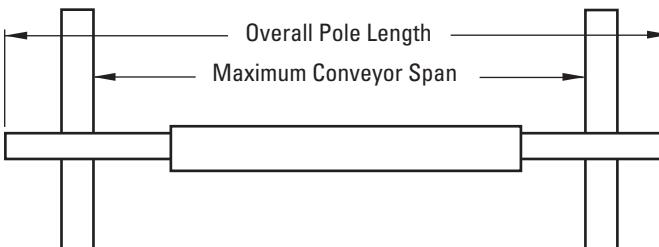
## Pole Length Specifications\*

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)

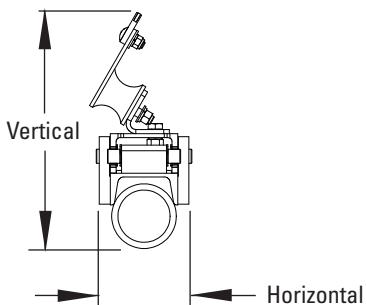
is available that provides 750mm (30") of extended pole length.

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%

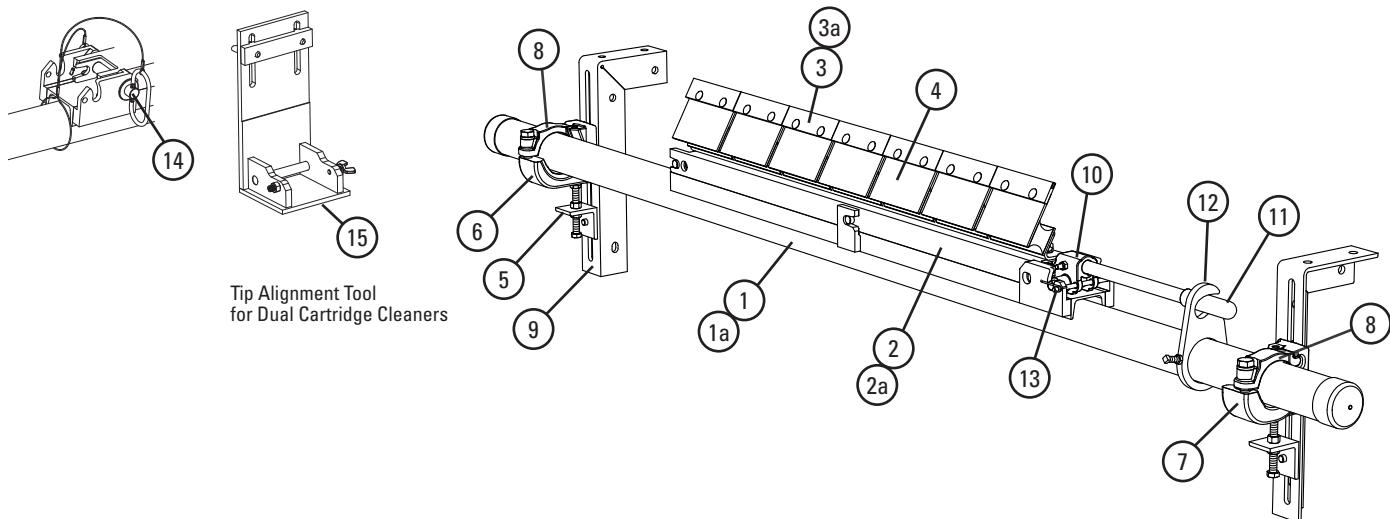
## Specifications:

- Maximum Belt Speed ..... 5 m/s (1000 FPM)
- Temperature Rating ..... -35 to 82°C (-30 to 180°F)
- Usable Blade Wear Length ..... 9 mm (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 3000 mm (24 to 120"). Other sizes available upon request.
- CEMA Cleaner Classification ..... Class 4

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

# 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
2a	ESAC Cartridge P-Type Adapter Plate 600mm	PCAP-24/600	77913	2.1
	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

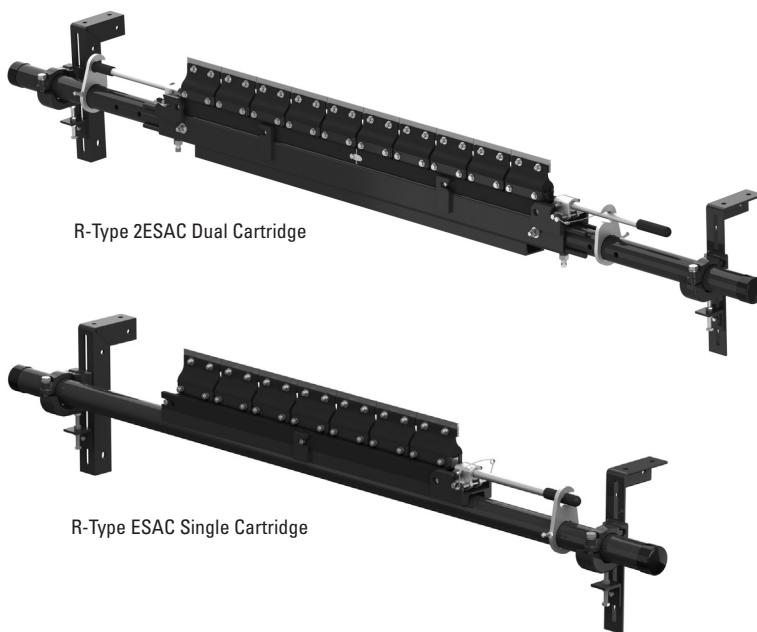
# Product Ordering Information

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

## R-Type ESAC Secondary with C-Tips

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\*

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

## 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

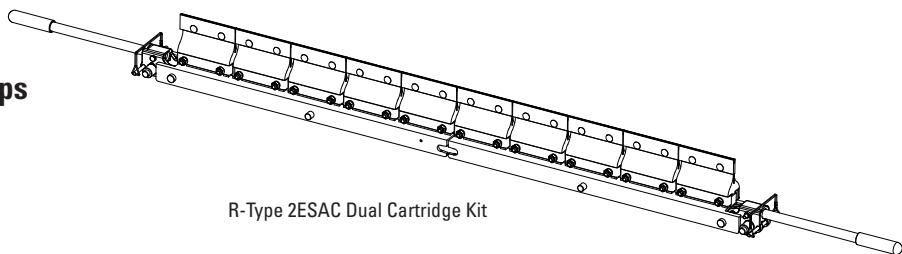
# Product Ordering Information

**R-Type® ESAC  
Secondary Cleaner  
Replacement Cartridge Kits**

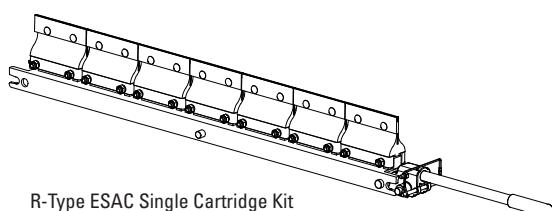
## R-Type ESAC Cartridge Kits with C-Tips

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

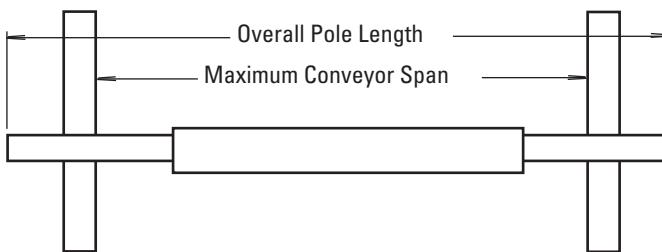
Shaded items are made to order.  
Lead time: 15 working days

# Specifications & Guidelines

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

## Pole Length Specifications\*

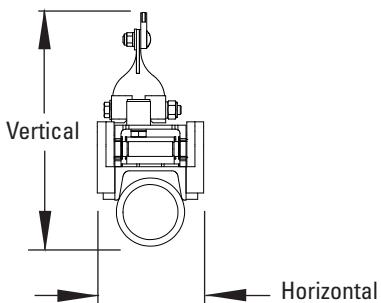
VERSION	CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
	mm	in.	mm	in.	mm	in.	mm	in.
Single	600	24	600	24	1950	78	1650	66
	750	30	750	30	2100	84	1800	72
	900	36	900	36	2250	90	1950	78
	1050	42	1050	42	2400	96	2100	84
	1200	48	1200	48	2550	102	2250	90
	1350	54	1350	54	2700	108	2400	96
	1500	60	1500	60	2850	114	2550	102
	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.  
 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%

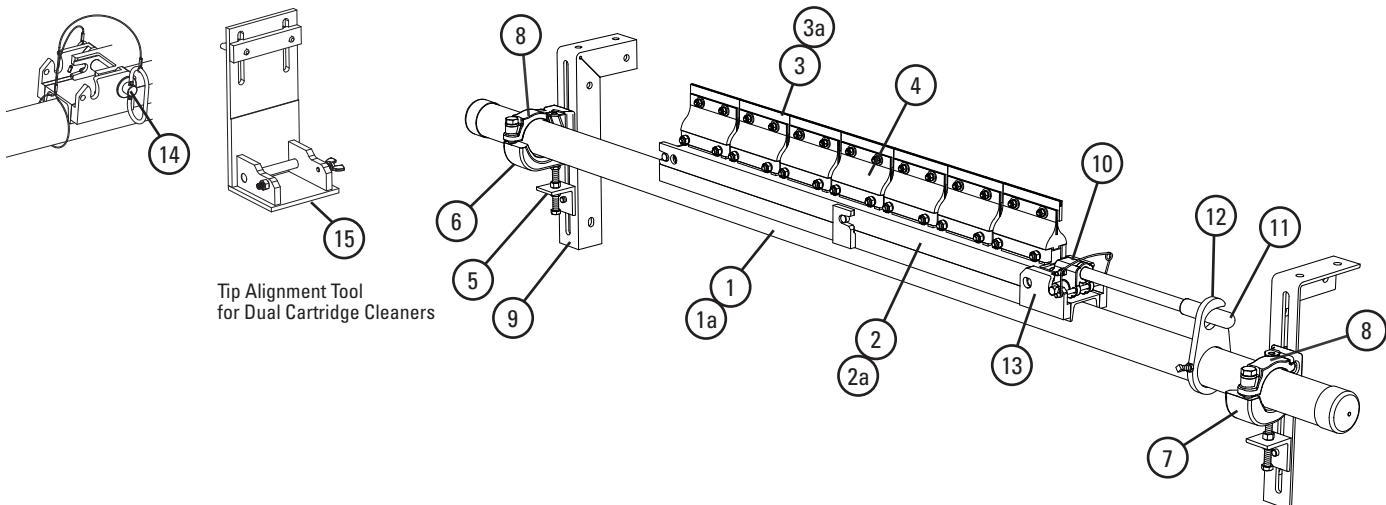
## Specifications:

- Maximum Belt Speed ..... 5 m/s (1000 FPM)
- Temperature Rating ..... -35 to 82°C (-30 to 180°F)
- Usable Blade Wear Length ..... 9 mm (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 3000 mm (24 to 120"). Other sizes available upon request.
- CEMA Cleaner Classification ..... Class 4

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

# 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")	SACP-24/600	77887	29.7
	ESAC Cartridge Pole 750mm (30")	SACP-30/750	77888	32.3
	ESAC Cartridge Pole 900mm (36")	SACP-36/900	77889	35.0
	ESAC Cartridge Pole 1050mm (42")	SACP-42/1050	77890	37.6
	ESAC Cartridge Pole 1200mm (48")	SACP-48/1200	77891	40.3
	ESAC Cartridge Pole 1350mm (54")	SACP-54/1350	77892	42.9
	ESAC Cartridge Pole 1500mm (60")	SACP-60/1500	77893	45.6
	ESAC Cartridge Pole 1800mm (72")	SACP-72/1800	77894	50.9
	ESAC Cartridge Center Pole 1500mm (60") (Dual)	SACP2-60/1500	77895	35.1
	ESAC Cartridge Center Pole 1800mm (72") (Dual)	SACP2-72/1800	77896	40.6
	ESAC Cartridge Center Pole 2100mm (84") (Dual)	SACP2-84/2100	77897	46.2
	ESAC Cartridge Center Pole 2400mm (96") (Dual)	SACP2-96/2400	77898	51.8
	ESAC Cartridge Center Pole 3000mm (120") (Dual)	SACP2-120/3000	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 (24")	RCAP-24/600	77921	2.9
	ESAC Cartridge P-Type Adapter Plate 750mm (30")§	RCAP-30/750	77922	3.6
	ESAC Cartridge P-Type Adapter Plate 900mm (36")§	RCAP-36/900	77923	4.3
	ESAC Cartridge P-Type Adapter Plate 1050mm (42")§	RCAP-42/1050	77924	5.0
	ESAC Cartridge P-Type Adapter Plate 1200mm (48")§	RCAP-48/1200	77925	5.7
	ESAC Cartridge P-Type Adapter Plate 1350mm (54")	RCAP-54/1350	77926	6.4
	ESAC Cartridge P-Type Adapter Plate 1500mm (60")§	RCAP-60/1500	77927	7.2
	ESAC Cartridge P-Type Adapter Plate 1800mm (72")	RCAP-72/1800	77928	8.6

§ 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	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)	CCKHDT	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 (incl. 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

# 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

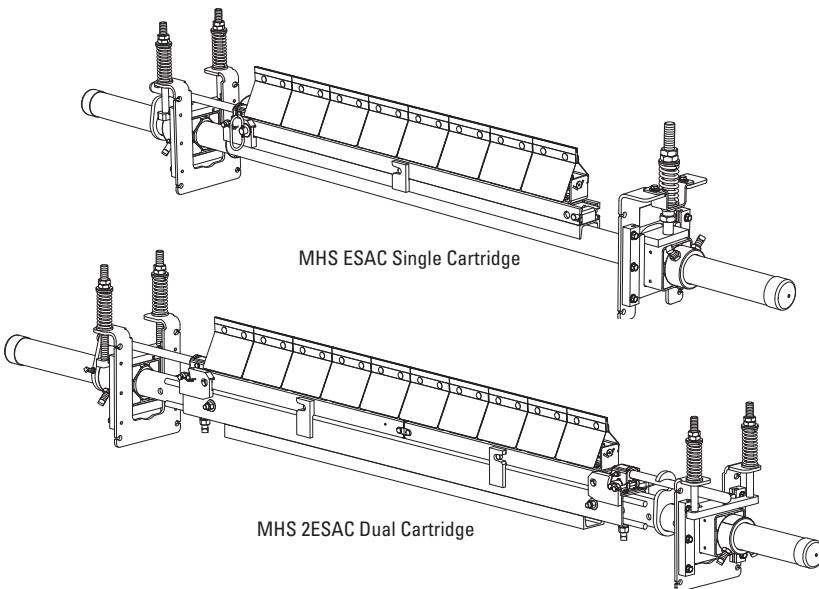
Lead time: 1 working day

## 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



### Replacement Tips

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

Lead time: 1 working day

### Replacement Shields

ORDERING NUMBER	ITEM CODE	WT. KG.
PFS-ESAC	79073	0.2
PFRS	76622	0.2

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

Shaded items are made to order.

Lead time: 15 working days

### Product Notes:

- Patent-pending Enhanced Service Advantage Cartridge™ allows for easy removal in even the dirtiest conditions.
- 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.

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

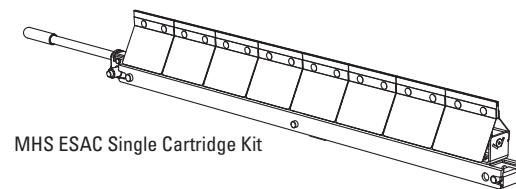
# Product Ordering Information

**MHS ESAC**  
**HD Secondary Cleaner**  
 Replacement Cartridge Kits

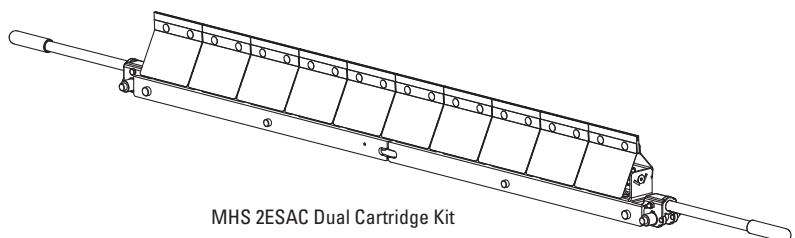
## MHS ESAC Cartridge Kits with C-Tips

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

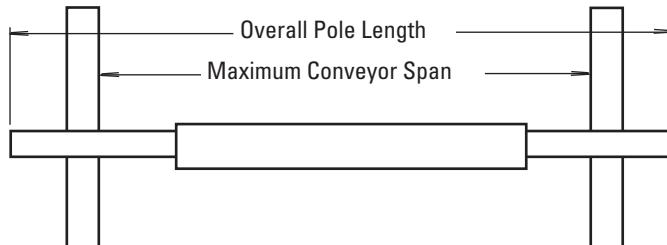
U.S. Patent No. 7,987,966

# 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
	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



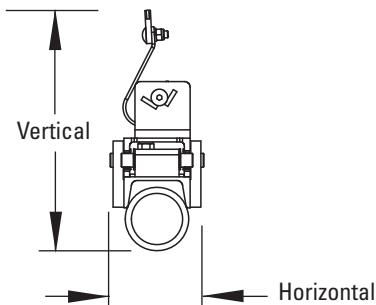
\*For special extra long pole length requirements a Pole Extender Kit (#76024)

is available that provides 750mm (30") of extended pole length.

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

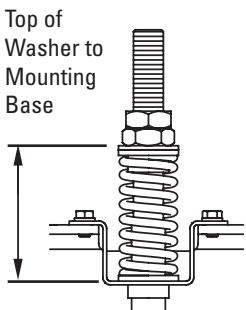


## Aluminum Content

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

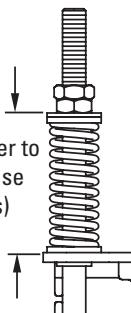


Shading indicates preferred spring option

## 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



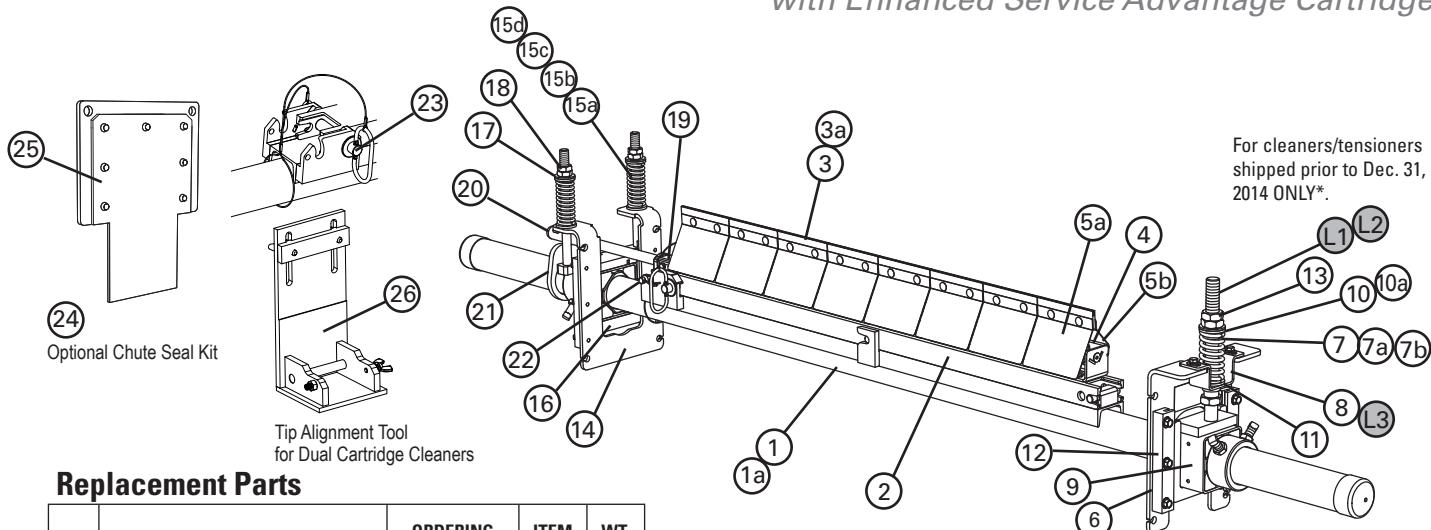
## Specifications:

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

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

# Replacement Parts List

**MHS ESAC**  
**HD Secondary Cleaner**  
 with Enhanced Service Advantage Cartridge



## Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	ESAC Cartridge Pole 24"	SACP-24/600	77887	29.7
	ESAC Cartridge Pole 30"	SACP-30/750	77888	32.3
	ESAC Cartridge Pole 900mm (36")	SACP-36/900	77889	35.0
	ESAC Cartridge Pole 1050mm (42")	SACP-42/1050	77890	37.6
	ESAC Cartridge Pole 1200mm (48")	SACP-48/1200	77891	40.3
	ESAC Cartridge Pole 1350mm (54")	SACP-54/1350	77892	42.9
	ESAC Cartridge Pole 1500mm (60")	SACP-60/1500	77893	45.6
	ESAC Cartridge Pole 1800mm (72")	SACP-72/1800	77894	50.9
	ESAC Cartridge Center Pole 1500mm (60" Dual)	SACP2-60/1500	77895	35.1
	ESAC Cartridge Center Pole 1800mm (72" Dual)	SACP2-72/1800	77896	40.6
1a	Extender Pole (for use with Dual Cartridge Center Pole)	MHP-EP	76392	24.5
	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
2	ESAC Cartridge 1800mm (72") (Dual)	CART2-72/1800	77909	4.6
	ESAC Cartridge 2100mm (84")	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
	C-Tip*	ICT6	74535	0.3
	V-Tip* (for vulcanized belts only)	RSA150	73628	0.6
	PowerFlex® Cushion*	PFC	75927	1.9
	PowerFlex Front Shield	PFS-ESAC	79073	0.2
	PowerFlex Reversing Shield	PFRS	76622	0.2
	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
	SST Spring - Silver (1 ea.) for belts 900 - 1200 mm (36" - 48")	STS-S	75843	0.4
	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
	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, 7, 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.



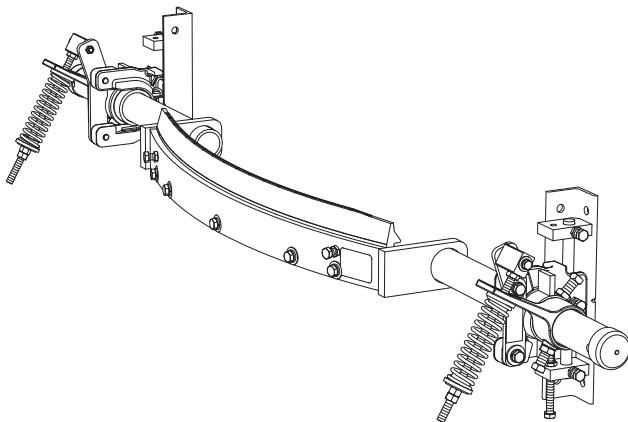
Standard  
thread profile



Acme/trapezoidal  
thread profile

# Product Ordering Information

## U-Type® Secondary Cleaner with UST Tensioner (Mild Steel)



### 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

# Specifications & Guidelines

**U-Type®  
Secondary Cleaner**

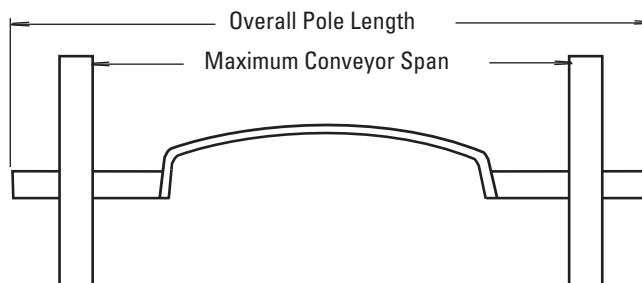
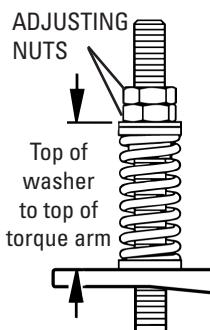
## Pole Length Specifications

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")

## 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 Length Chart

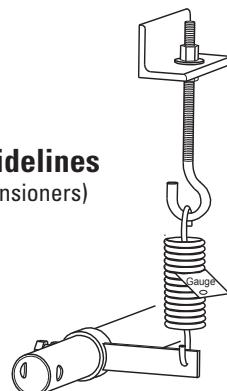
(For Cleaners with UST Tensioners)

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

## Spring Tensioner Guidelines

(For Cleaners with J-Bolt Tensioners)

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

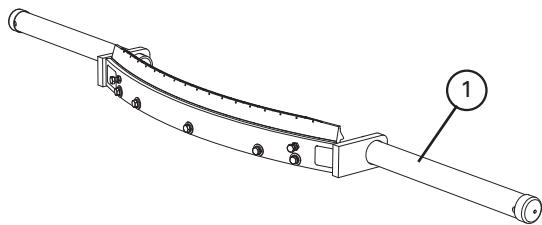


## Specifications:

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

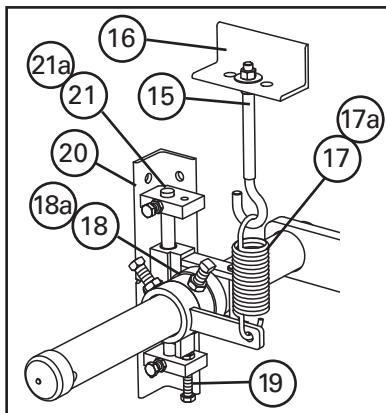
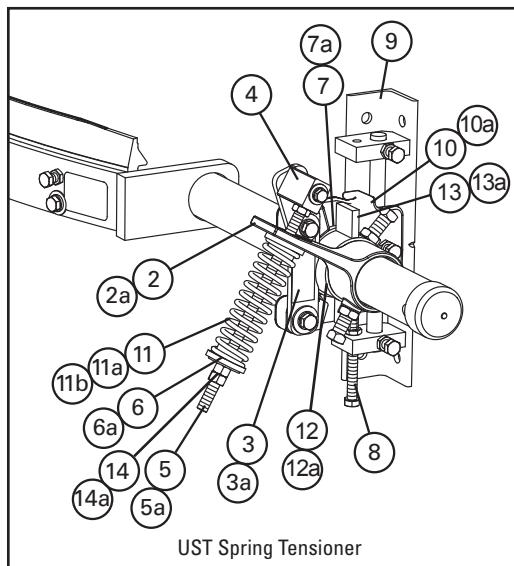
# Replacement Parts List

## U-Type® Secondary Cleaner with UST Tensioner



### 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

### 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

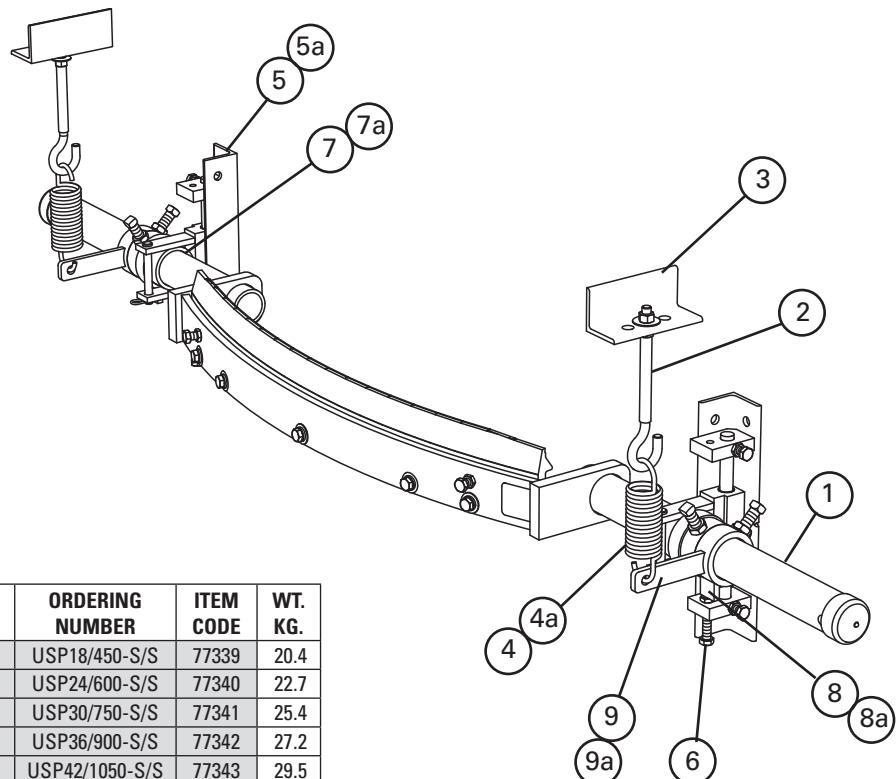
† Standard components for blade widths 450 - 1050mm (18" - 42")

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.)	HDT5-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

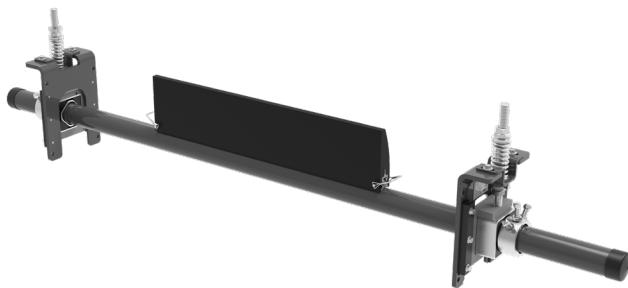
# Product Ordering Information

**MDWS**  
**Secondary Cleaner**  
**DryWipe for Removing Water**

## With SST XD Tensioner

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

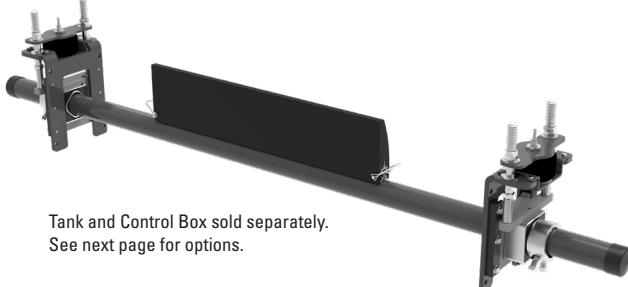
Lead time: 1 working day



## With SAT XD 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



Tank and Control Box sold separately.  
 See next page for options.

## 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.
- 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.

U.S. Patent No. D482,508S

# Product Ordering Information

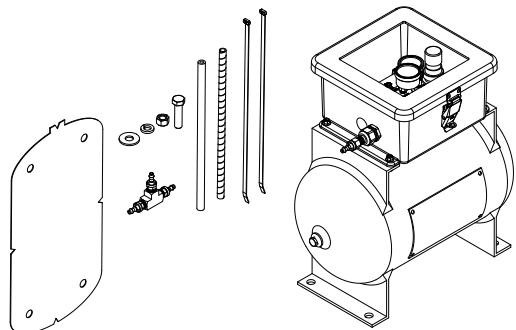
## Line Connections for Pneumatic Air Tensioner

### Control Box/Tank Combo Units for Closed System

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Control Box/Tank Combo Unit for Precleaner - 60 PSI	PAT-C-60	108230	29.0
Control Box/Tank Combo Unit for Secondary Cleaner - 100 PSI	PAT-C-100	108231	29.0

#### Product Notes:

- For use with cleaners with new PAT systems.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction tank.
- Fully sealed enclosure includes all critical items - regulator, tank gauge, downstream gauge, schrader valve, in-line filter, downstream valve.

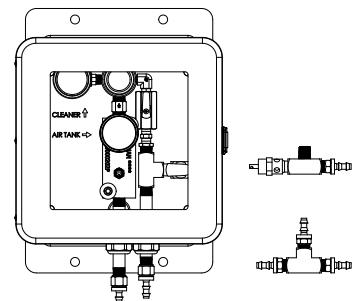


### Control Box for Legacy Tank

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Control Box Kit for Precleaner - 60 PSI	PACB2-60	108228	6.2
Control Box Kit for Secondary Cleaner - 100 PSI	PACB2-100	108229	6.2

#### Product Notes:

- For use with Legacy PAT1/PAT2 tank systems ordered prior to January 2024.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- May also be paired with Air Tank for Legacy Control Box if preferred.

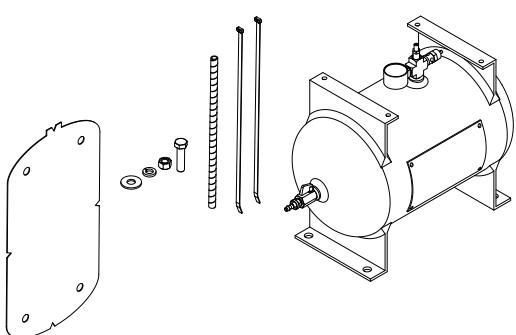


### Air Tank for Legacy Control Box

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
ASME Air Tank Kit	PAT-N	108232	21.5

#### Product Notes:

- For use with Legacy PACB60/PACB100 control boxes ordered prior to January 2024.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction tank.
- May also be paired with Control Box for Legacy Tank if preferred.



### Replacement Parts List

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
10' (3m) Hose Kit	PATHK	78794	0.7
Upgrade Fitting Kit (fill valve, push-on fittings, plugs)	AWTRK	79319	0.2

# Specifications & Guidelines

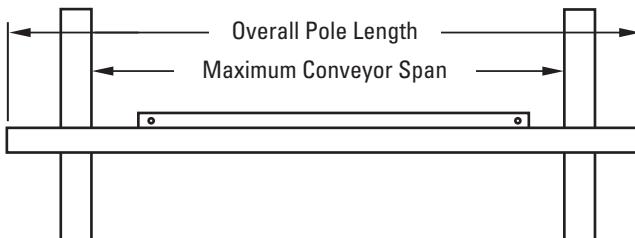
**MDWS**  
**Secondary Cleaner**  
**DryWipe for Removing Water**

## 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

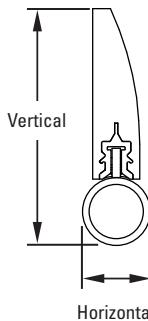
\*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 750mm (30") of extended pole length.

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



## Clearance Guidelines for Installation

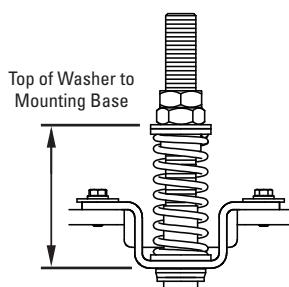
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
mm	in.	mm	in.
100	4	250	10



## SST XD Spring Length Chart

Blade Width		White Springs		Silver Springs		Black Springs		Gold Springs	
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.



## SAT XD Pressure Chart

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

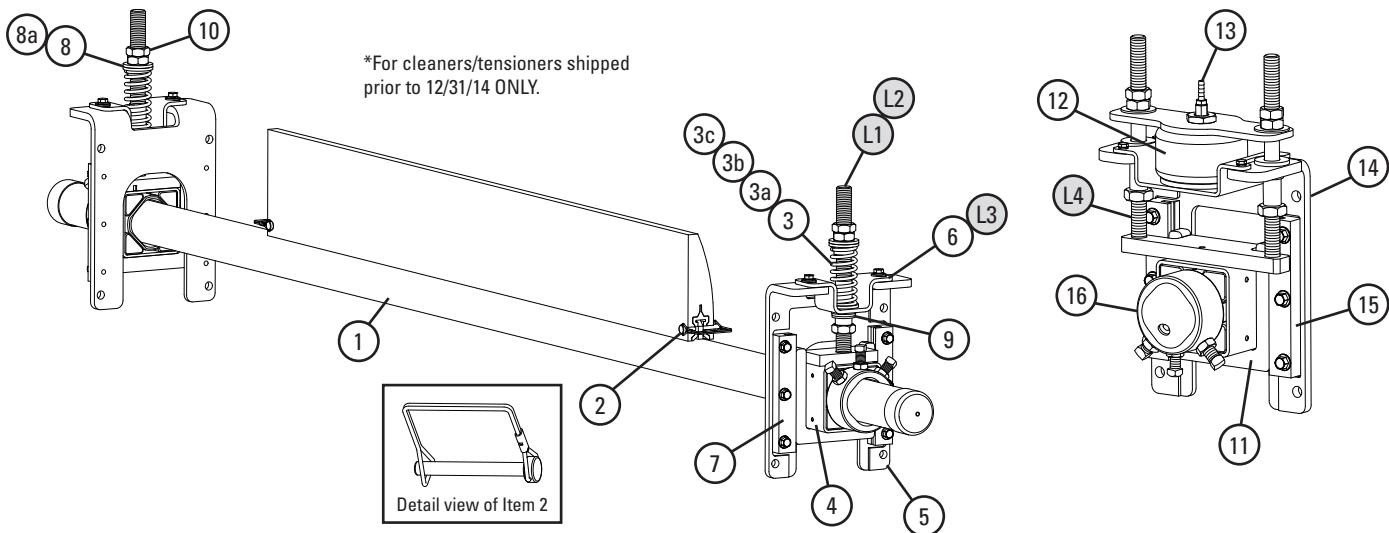
## Specifications:

- Maximum Belt Speed ..... 5 m/s (1000 FPM)
- Temperature Rating ..... -35 to 82°C (-30 to 180°F)
- Usable Blade Wear Length..... 113 mm (4-1/2")
- Blade Height..... 185 mm (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	MSPP30	75804	20.9
	750mm (30") Pole	MSPP36	75805	22.9
	900mm (36") Pole	MSPP42	75806	25.2
	1050mm (42") Pole	MSPP48	75807	27.2
	1200mm (48") Pole	MSPP54	75808	29.0
	1350mm (54") Pole	MSPP60	75809	30.4
	1500mm (60") Pole	MSPP66	76695	34.5
	1800mm (72") Pole	DWP-72	75883	40.8
	2100mm (84") Pole	DWP-84	76815	45.4
	2400mm (96") Pole	DWP-96	79060	49.9
2	Blade Pin Kit* (1 ea.)	MSPBP	107852	0.0
3	Tension Spring - White (1 ea.)	STS-W	75846	0.2
3a	Tension Spring - Silver (1 ea.)	STS-S	75843	0.4
3b	Tension Spring - Black (1 ea.)	STS-B	75844	0.5
3c	Tension Spring - Gold (1 ea.)	STS-G	78142	0.6
4	HD Torsion Pole Mount* (1 ea.) (incl. 1 adjusting rod, 3 nuts & 1 sleeve) (See 8 & 8a for bushings)	SSTHDM	77868	6.8
5	SST XD Mounting Base Kit* (incl. 1 mtg. base, 2 slide guides, 1 top hat bracket & 1 bottom bushing)	SSTXDMK	91412	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 (incl. 2 bushings)	SSTBK-W	76636	0.0
8a	SST Bushing Kit - Black/Gold (incl. 2 bushings)	SSTBK-B	76637	0.0
9	SST Lower Bushing Kit (pair)	SSTLBK	79493	0.0
10	Jam Nut Kit SST Tensioner	JNK-C	79893	0.1
-	SST XD Spring Tensioner* - White (incl. 2 ea. items 3, 4, 5, & 8a)	SSTXD-W	91408	27.5
-	SST XD Spring Tensioner* - Silver (incl. 2 ea. items 3a, 4, 5, & 8a)	SSTXD-S	91409	27.8
-	SST XD Spring Tensioner* - Black (incl. 2 ea. items 3b, 4, 5, & 8b)	SSTXD-B	91410	28.1
-	SST XD Spring Tensioner* - Gold (incl. 2 ea. items 3c, 4, 5, & 8b)	SSTXD-G	91411	28.4

\*Hardware Included

Lead time: 1 working day

## SAT XD Tensioner Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
11	SAT XD	SATXDNBC	78703	18.6
12	SAT Air/Water Bag Kit	SATB	76083	2.3
13	SAT 1/8" Hose Barb Kit	SATHB	76084	0.0
14	SAT XD Mounting Base Kit	SATXDMK	91415	5.3
15	ST Slide Guide Kit	STGK2	77867	0.5
16	SAT2 Torsion Pole Mount (incl. threaded rods & 6 nuts)	SAT2PM	78732	5.0

Lead time: 1 working day

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

L1	Adjusting Rod Kit (incl. 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 (incl. 2 lower bushings, 2 sleeves, 2 nuts)	SST-BUK	76943	0.1

## Spring Tensioner Selection Chart

CLEANER SIZE	91408 SSTXD-W	91409 SSTXD-S	91410 SSTXD-B	91411 SSTXD-G
MDWS 600–750 mm (24–30")	X			
MDWS 900–1500 mm (36–60")		X		
MDWS 1800–2100 mm (72–84")			X	
MDWS 2400 mm (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 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

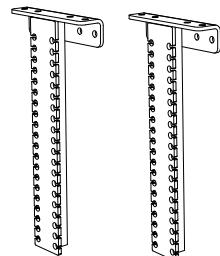
### Replacement Brushes

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.

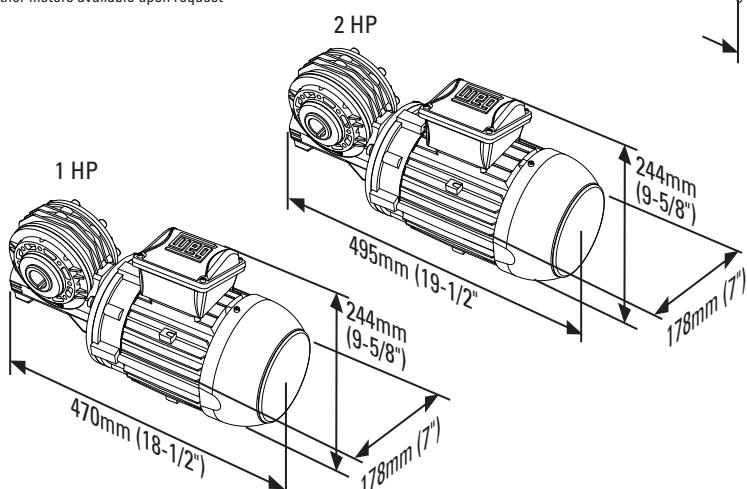
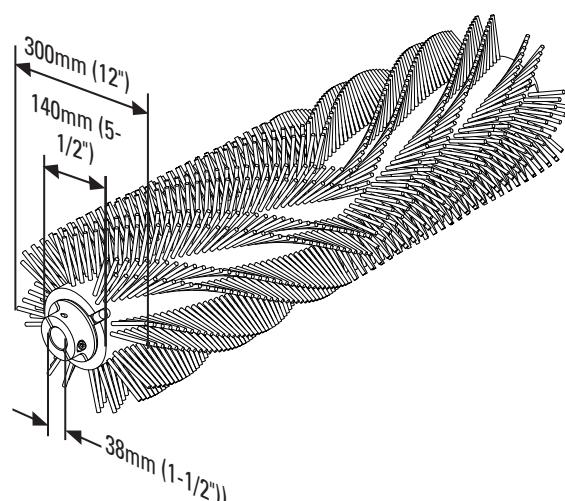
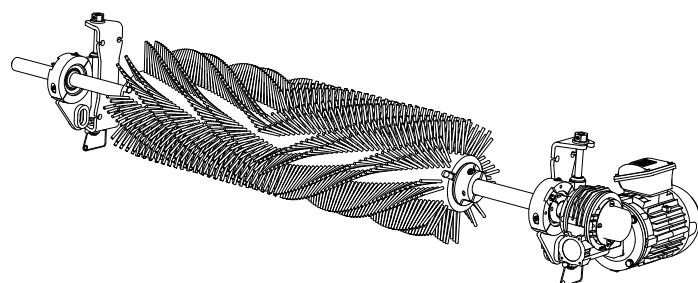
# Specifications & Guidelines

## Motorized Brush Cleaner

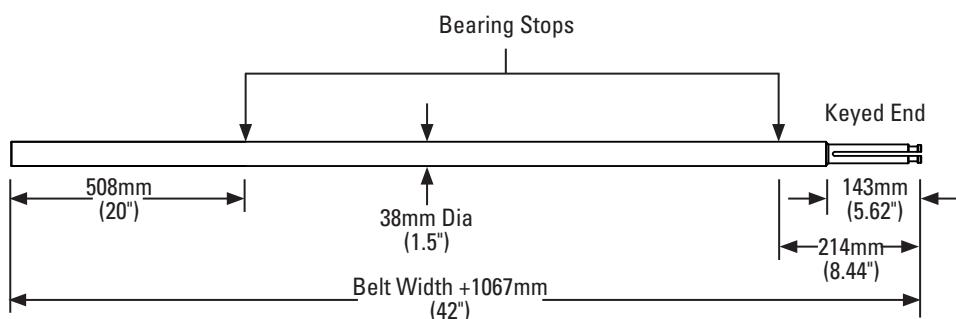
### Specifications

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	<b>208-230/460VAC 3 Phase*</b> 1 HP - cleaners 450-1050mm (18-42") 2 HP - cleaners 1200-2100mm (48-84")
	<b>575V 3 Phase*</b> 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

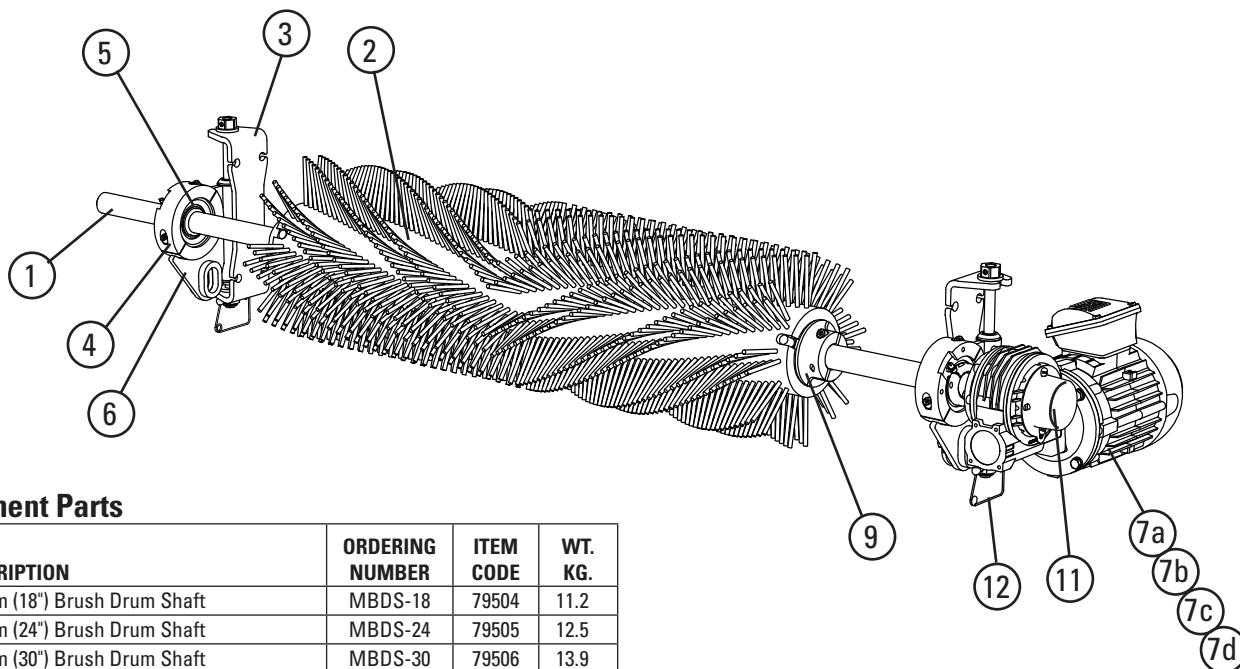


### Product Notes:

- 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
2	2100mm (84") Brush Drum Shaft	MBDS-84	79513	26.1
	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
3	1800mm (72") Replacement Brush Drum	MBRD-72	79522	18.6
	2100mm (84") Replacement Brush Drum	MBRD-84	79523	21.5
	Brush Mounting Base* (1)	MBCM-K	79524	2.1
	Brush Bearing Clamp* (1)	MBC-B-C	79525	0.9
	Brush Cleaner Bearings (2)	MBCB	79526	3.3
	Brush Bearing Mount* (1)	MBCBM	79528	4.4
	Gearmotor Assy, 1 HP for belts up to 1050mm (42")	MBCM-1	79529	24.9
	Gearmotor Assy, 2 HP for belts 1200mm (48") and up	MBCM-2	79530	29.5
	Gearmotor Assy, 1 HP 575V for belts up to 900mm (36")	MBCM-575-1	79924	24.9
4	Gearmotor Assy, 2 HP 575V for belts 1050mm (42") and up	MBCM-575-2	79925	29.5
	Brush Cleaner Torque Arm* (1)	MBCTA	79531	1.1
	Brush Locks* (2)	MBCBL	79532	4.3
	Brush Motor Key Kit (1)	MBCM-KK	79533	0.1
	MBC Shaft End Cap* (1)	MBCEC	79534	0.04
	Tensioner Lock Pins (2)	STLP	79535	0.1
	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

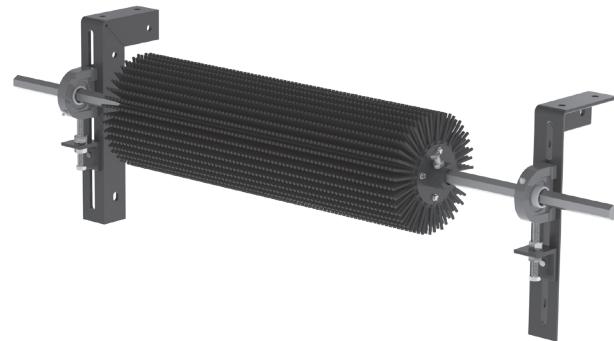
# Product Ordering Information

**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
600	24	600	24	CBC24
750	30	750	30	CBC30
900	36	900	36	CBC36
1050	42	1050	42	CBC42
1200	48	1200	48	CBC48
1350	54	1350	54	CBC54
1500	60	1500	60	CBC60
1800	72	1800	72	CBC72
2100	84	2100	84	CBC84
			90763	75.7

Lead time: 1 working day

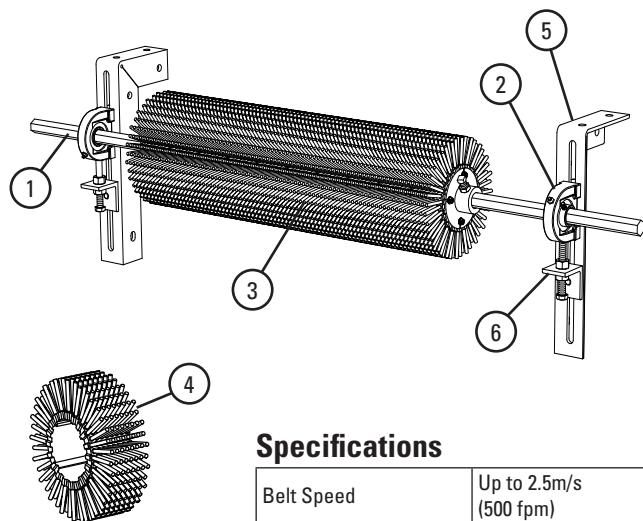


## Replacement Parts

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
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
4	75mm (3") 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



## 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

## Product Notes:

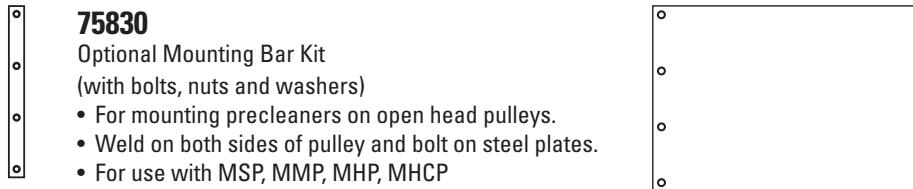
- Free-rotating. Works only when the belt is running.
- Self-cleaning. Finger length, spacing and the rotary action allows carryback to fall free instead of clogging.
- Easy to install. Few parts and step-by-step instructions make the job simple.
- Long-wearing SBR rubber. Drum life ranges from 1 to 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.

# 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

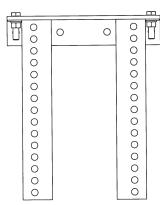
Optional Mounting Bar Kit  
(with bolts, nuts and washers)

- 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")]

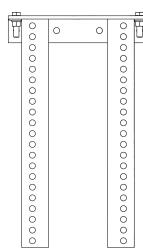
- For use with Mounting Bars to mount cleaners on open head pulleys.
- For use with MSP, MMP, MHP, MHCP



#### 76071

Standard Mounting  
Bracket Kit

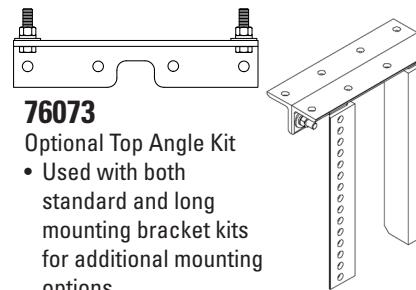
- For MHS/MDWS  
secondary cleaner installs.



#### 76072

Long Mounting  
Bracket Kit

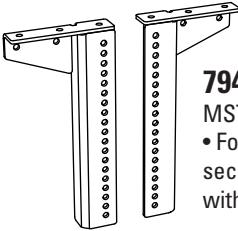
- For installations  
that require extra  
length legs.



#### 76073

Optional Top Angle Kit

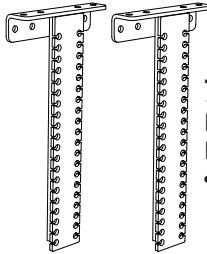
- Used with both  
standard and long  
mounting bracket kits  
for additional mounting  
options.



#### 79434

MST Drop Bracket Kit

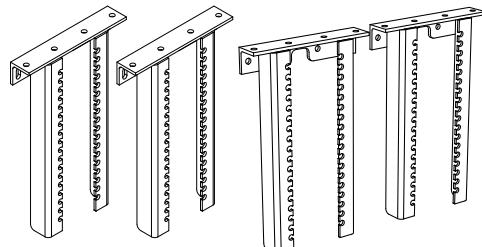
- For installs of  
secondary cleaners  
with MST tensioners.



#### 79536

Brush Cleaner Drop  
Bracket Kit

- For brush cleaner  
installations that require  
extra length legs.



#### 113390 & 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)	MSTDDB	79434	12.6
Brush Cleaner Drop Brackets (2)	MBCDBK	79536	13.1
Y-Type Standard Duty Drop Brackets (2)	YSTDBK2	113390	14.5
Y-Type Heavy Duty Drop Brackets (2)	YSTHDDBK	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.

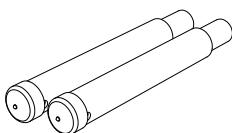
Lead time: 1 working day

### 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.

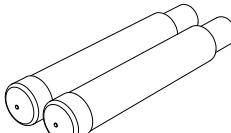
#### 77423

60 mm Pole Extender Kit



#### 76024

73 mm Pole Extender Kit



# Product Ordering Information

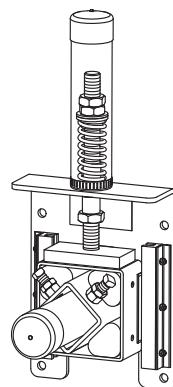
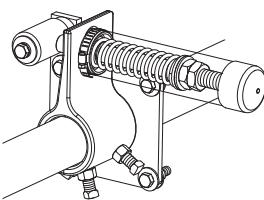
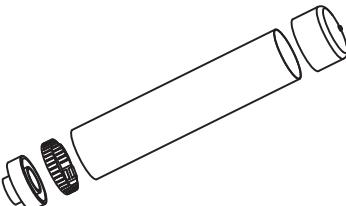
## Spring Tensioner Accessories

### 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

### Tensioner Lock\*

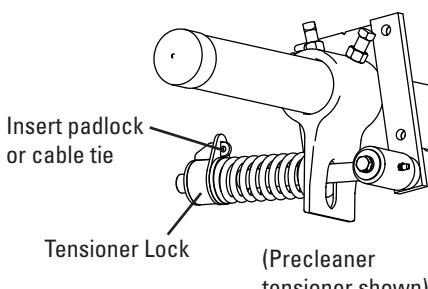
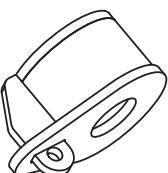
Designed to prevent tampering or unauthorized retensioning of the cleaner.

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



Tensioner Lock

(Precleaner  
tensioner shown)

### 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

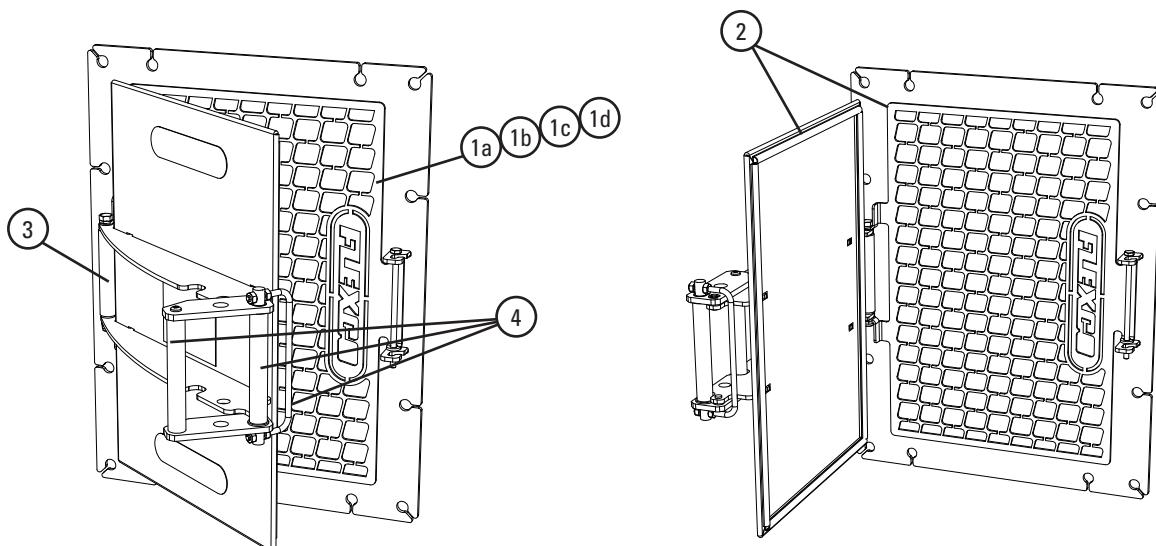
# Product Ordering Information

## 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

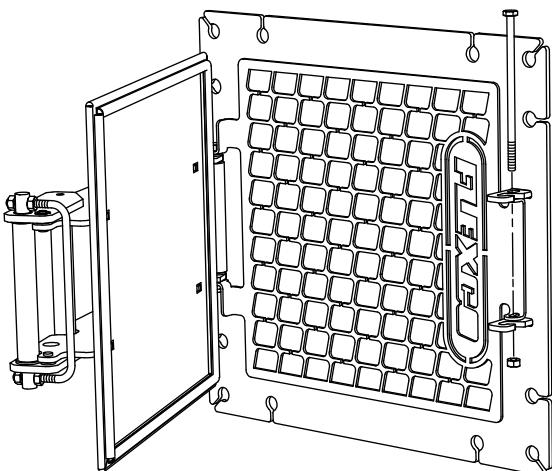
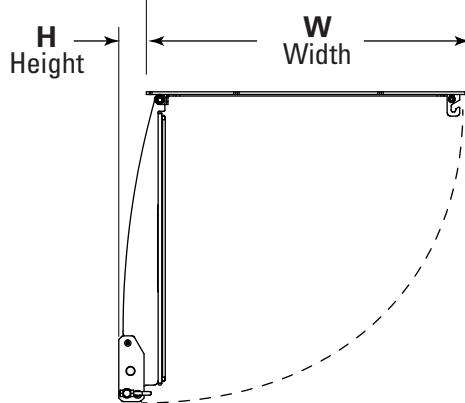
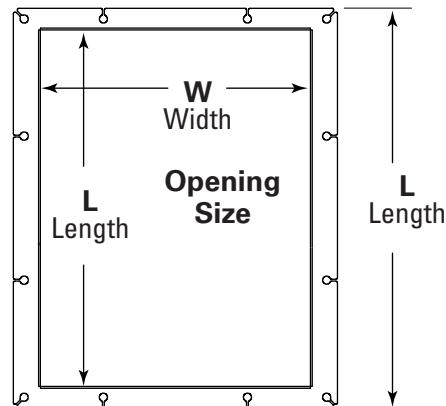
\*\*One 1.5M (5') length of seal is needed for 300 x 300mm (12" x 12") and 300 x 450mm (12" x 18") doors or screens, and two 1.5M (5') lengths are needed for 450 x 600mm (18" x 24") and 600 x 600mm (24" x 24") doors or screens. Double if replacing seal on both door and screen.

# 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 to 175°C (-70 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

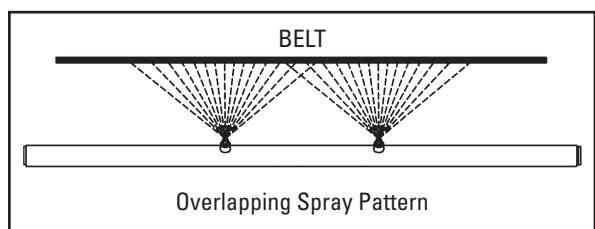
### Replacement Parts

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

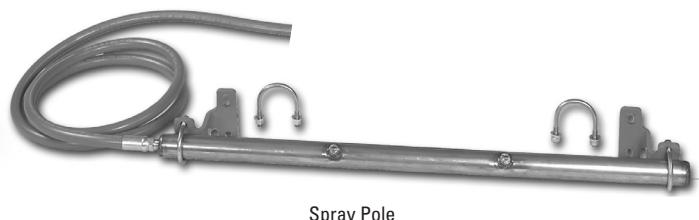
Lead time: 1 working day

### 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
No. Spray Nozzles	1	2	2	3	3	4	4	5	6	7	8	10



## Water Spray Pole Systems Belt Cleaner Accessories



Spray Pole



Spray Pole Control Panel

### 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

### Specifications:

- Stainless steel pole with powder coated steel clamping brackets.
- Spray nozzles are spaced on 300 mm (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 1/2%.
- 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***

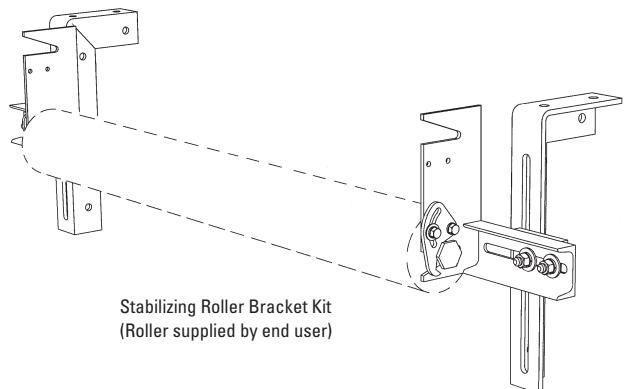
### **Stabilizing Roller Bracket Kit\***

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



# Product Ordering Information

## Live-Shaft Hold-Down Roll Belt Cleaner Accessories

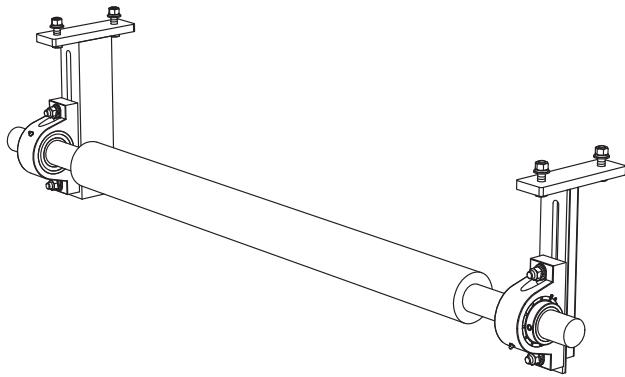
### Live-Shaft Hold-Down Roll

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	HDERR24	79019	51.7
750	30	114	4 1/2	HDERR30	79020	56.2
900	36	114	4 1/2	HDERR36	79021	61.2
1050	42	114	4 1/2	HDERR42	79022	65.8
1200	48	114	4 1/2	HDERR48	79023	92.5
1350	54	114	4 1/2	HDERR54	79024	95.3
1500	60	114	4 1/2	HDERR60	79025	99.8
1800	72	127	5	HDERRS72*	79026	235.9
2100	84	127	5	HDERRS84*	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 600–1500mm (24–60")	HDRBK	79009	20.4
HD Hold Down Roll Bracket Kit 1800–2100mm (72–84")	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 +150 mm (6")
- Overall Shaft Length ..... Belt Width +750 mm (30")
- Shaft Diameter ..... 600–1050 mm (24–42") - 49 mm (1-15/16") diameter  
1200–1500 mm (48–60") - 62 mm (2-7/16") diameter  
1800–2100 mm (72–84") - 75 mm (2-15/16") diameter
- Shaft Construction ..... 600–500 mm (24–60") - 1045 CD  
1800–2100 mm (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

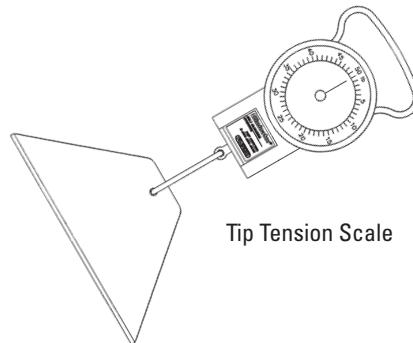
## Optional Installation Tools

### 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
LBS.	28#	18#	18#	18#

For installation and for retensioning blades during maintenance.

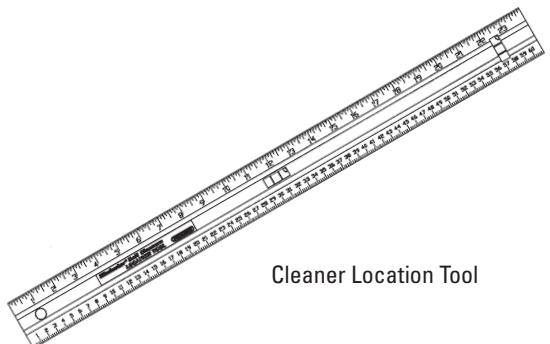
### Cleaner Location Tool

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



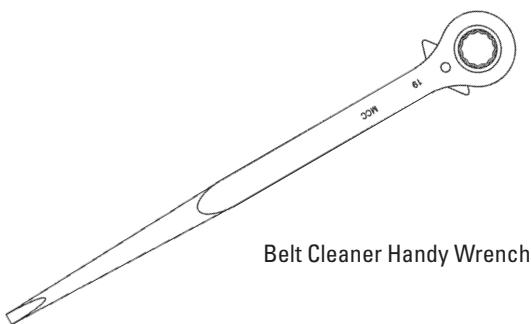
Cleaner Location Tool

### 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

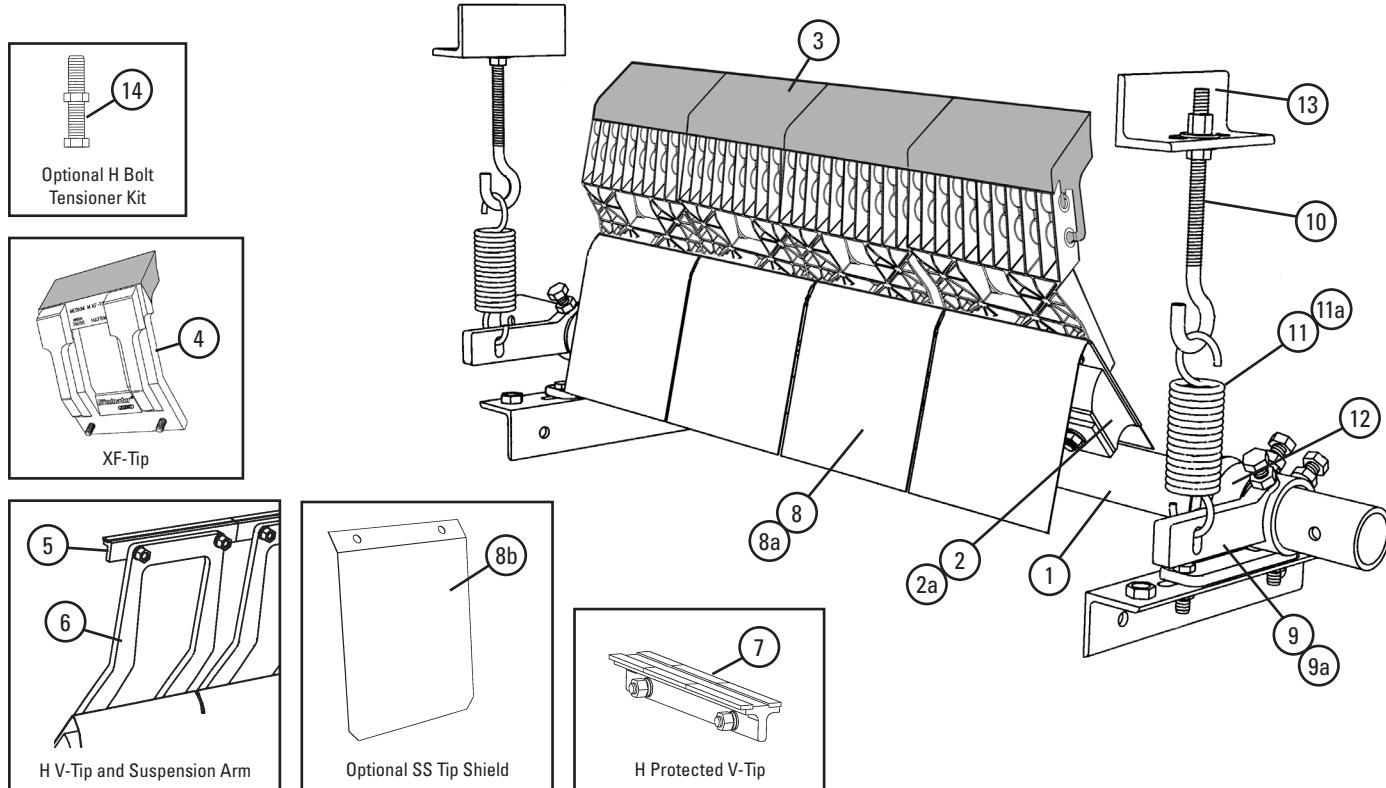
Lead time: 1 working day



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
4	HXF2-Tip Large*	HXF2-L	75982	1.9
	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
5	H XF-Tip Large*	HXF8L	74691	2.0
	H V-Tip (for vulcanized belts only)	HVT8-S/S	75419	0.5
6	H SSS Suspension Arm*	HSA8SS	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

\*Hardware included

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

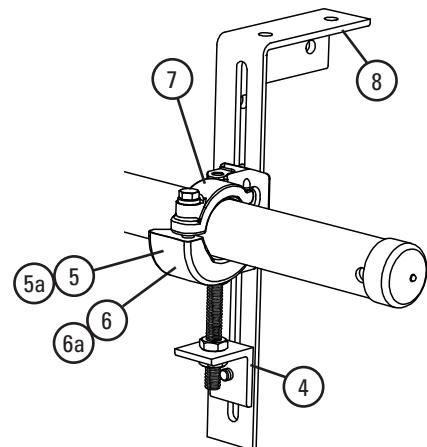
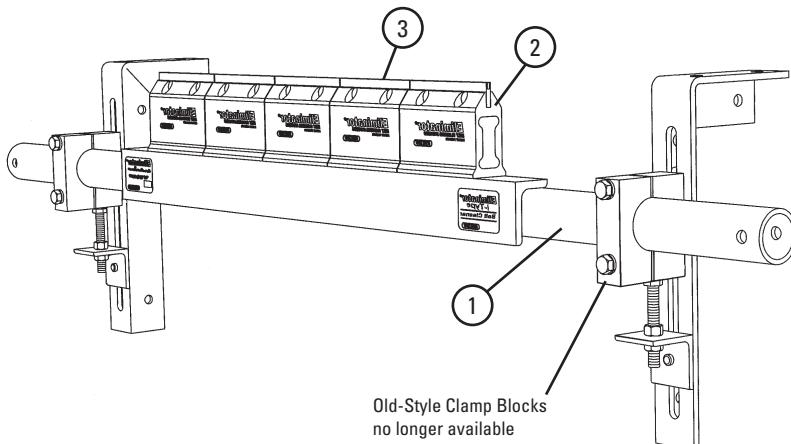
Lead time: 1 working day

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

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
8	H Polyshield	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* (incl. 1 adjusting arm)	HAR-K	78786	2.7
9a	H HD Adjusting Arm Repair Kit* (incl. 1 adjusting arm)	HDARK	74550	3.6
10	J-Bolt Kit* (incl. 1 ea.)	STJK	74417	0.3
11	Tension Spring (incl. 1 ea.) for 450mm (18")	STTS	74419	0.6
11a	HD Tension Spring (incl. 1 ea.) for sizes 600–1800mm (24–72")	HTDS	74502	0.9
12	Pole Lock (incl. 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 9–13, and 2 ea. bracket/bearing)	H-MK1	78987	9.1
-	H Mounting/J-Bolt Kit - Dual (incl. 2 ea. items 9–13, 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 (incl. 2 ea. items 10–13)	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 (incl. 2 ea. items 10, 11a, 12, 13)	STKHSD	74316	7.3
14	H Bolt Tensioner Kit (incl. 2 adjusting bolts & 2 jam nuts)	HBTK	74776	0.2

# Product Ordering Information

**I-Type™**  
*Legacy Belt Cleaner Parts*



**New Style Clamp Block**

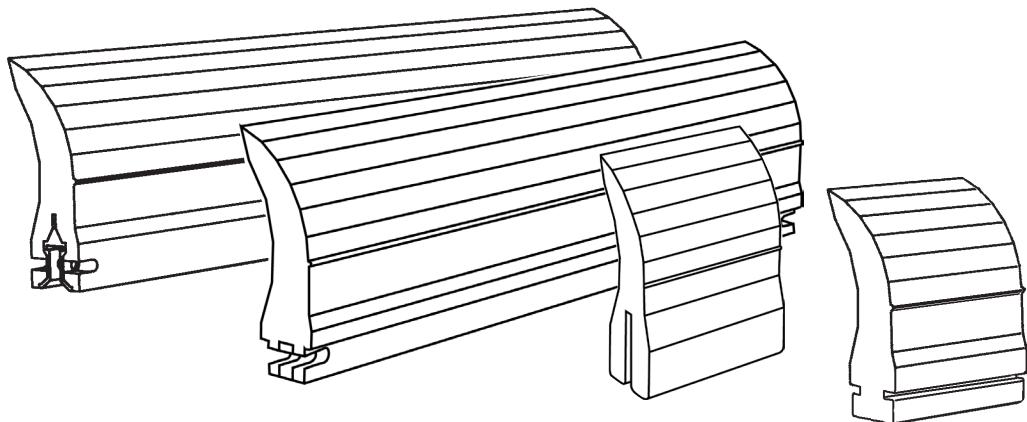
## I-Type™ Replacement Parts

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



### 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 143 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 143 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).

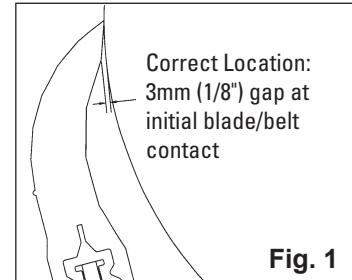


Fig. 1

### 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.

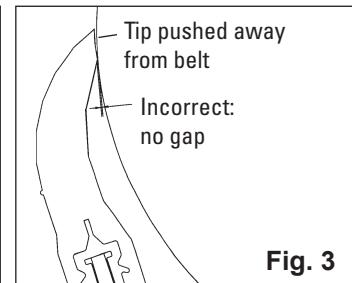
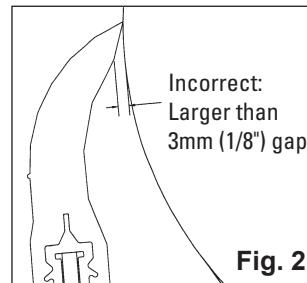


Fig. 3

### Correct Tensioning:

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

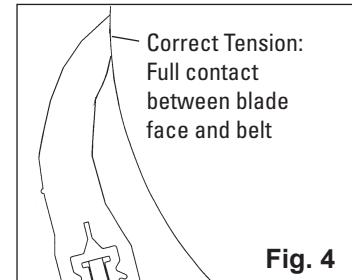
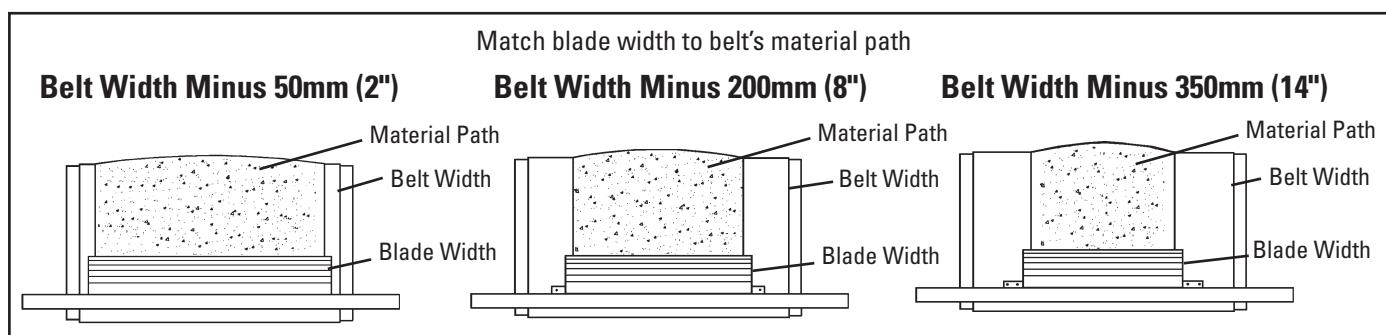


Fig. 4

### The "Material Path" Option

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



# Part Number Cross-Reference Guide

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

### Ordering Information

BELT WIDTH 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	PV121110OR	CRB10	75628	2.1
450	400	32773-1811	PV181116OR	CRB16	75629	3.3
600	550	32773-2411	PV241122OR	CRB22	75630	4.6
750	700	32773-3011	PV301128OR	CRB28	75631	5.8
900	850	32773-3611	PV361134OR	CRB34	75632	7.0
1050	1000	32773-4211	PV421140OR	CRB40	75633	8.3
1200	1150	32773-4811	PV481146OR	CRB46	75634	9.5
1350	1300	32773-5411	PV541152OR	CRB52	75635	10.8
1500	1450	32773-6011	PV601158OR	CRB58	75636	12.0
1800	1750	32773-7211	PV721170OR	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. KG.
EZP1BP	75642	0.04

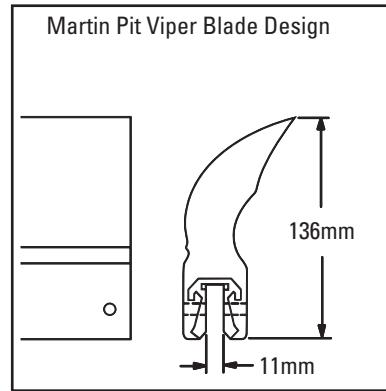
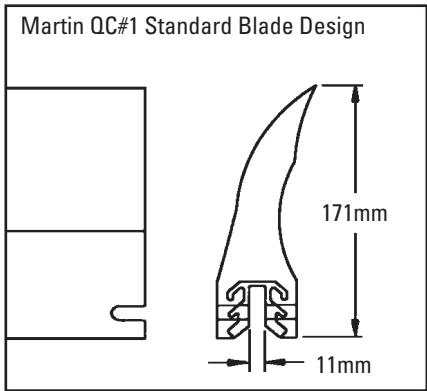
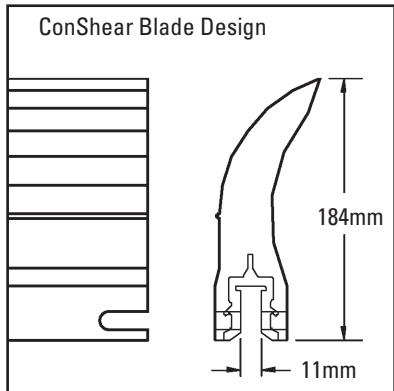
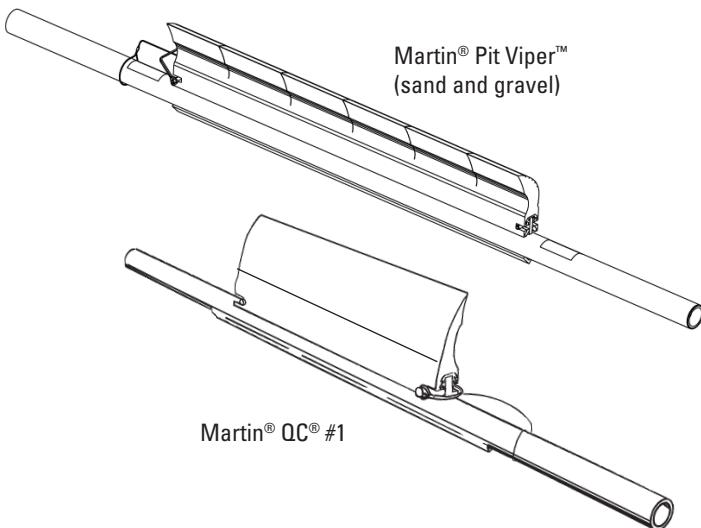
Lead time: 1 working day

### 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 cm <sup>2</sup>	592.0 cm <sup>3</sup>
Martin® Pit Viper™	71 cm	27.1 cm <sup>2</sup>	758.7 cm <sup>3</sup>
ConShear™	71 cm	35.2 cm <sup>2</sup>	993.5 cm <sup>3</sup>



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

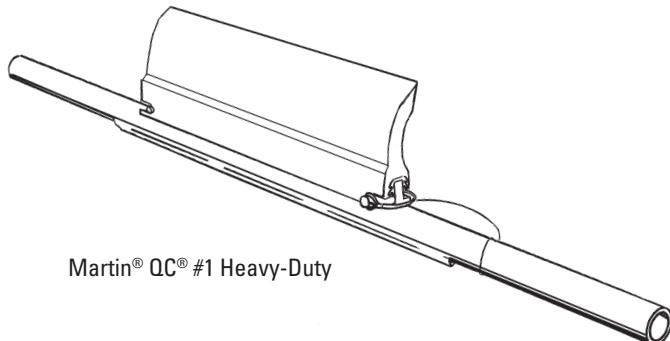
### Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. KG.
RB38BP	79481	0.1

Lead time: 1 working day

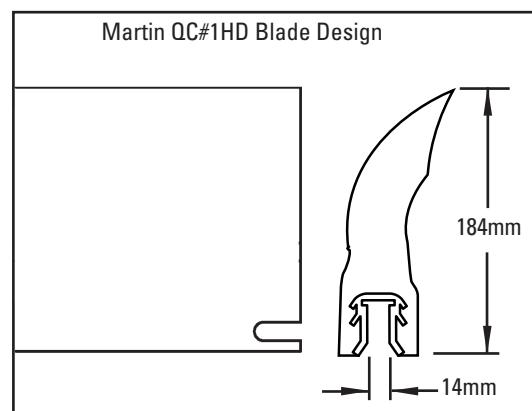
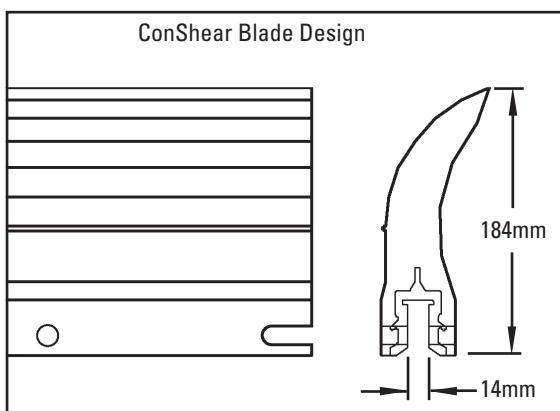
### Specifications

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



### Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Martin® QC™ #1 HD	71 cm	43.0 cm <sup>2</sup>	1201.3 cm <sup>3</sup>
ConShear™	71 cm	35.5 cm <sup>2</sup>	993.5 cm <sup>3</sup>



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"	39344-181116OR	RBQB1-16/400	90935	3.3
600	18"	39344-241118OR	RBQB1-18/450	90936	3.7
	22"	39344-241122OR	RBQB1-22/550	90937	4.6
750	24"	39344-301124OR	RBQB1-24/600	90938	5.0
	28"	39344-301128OR	RBQB1-28/700	90939	5.8
900	30"	39344-361130OR	RBQB1-30/750	90940	6.2
	34"	39344-361134OR	RBQB1-34/850	90941	7.0
1050	36"	39344-421136OR	RBQB1-36/900	90942	7.5
	40"	39344-421140OR	RBQB1-40/1000	90943	8.3
1200	42	39344-481142OR	RBQB1-42/1050	90944	8.7
	46	39344-481146OR	RBQB1-46/1150	90945	9.5
1350	48	39344-541148OR	RBQB1-48/1200	90946	9.9
	52	39344-541152OR	RBQB1-52/1300	90947	10.8
1500	54	39344-601154OR	RBQB1-54/1350	90948	11.2
	58	39344-601158OR	RBQB1-58/1450	90949	12.0
1650	60	39344-661160OR	RBQB1-60/1500	90950	12.4
1800	64	39344-721164OR	RBQB1-64/1600	90951	13.2
	70	39344-721170OR	RBQB1-70/1750	90952	14.5
1950	72	39344-781172OR	RBQB1-72/1800	90953	14.9

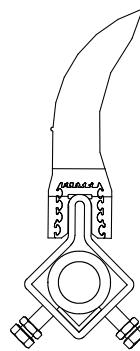
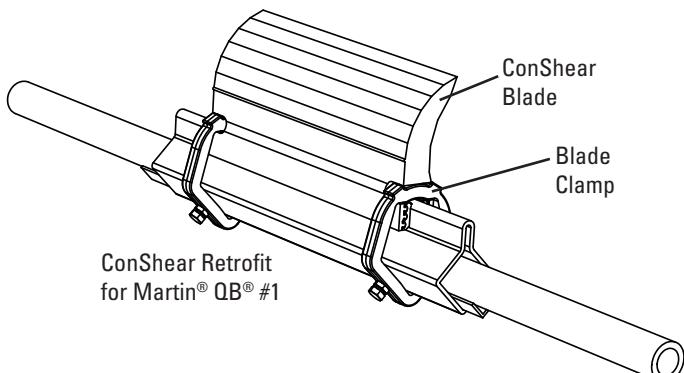
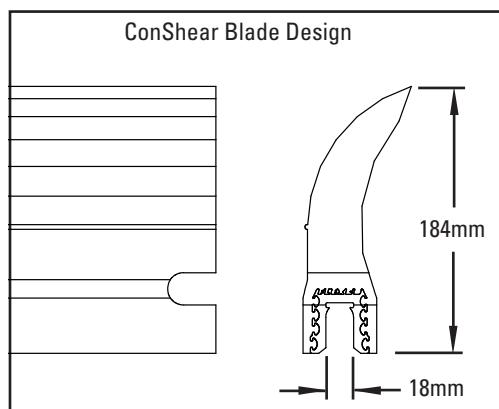
Lead time: 1 working day

### 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 in <sup>2</sup>	4.1m in <sup>3</sup>
ConShear™	711mm	.1397m in <sup>2</sup>	3.9m in <sup>3</sup>



U.S. Patent No. D482,508  
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

### Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. KG.
MMPBPK	76466	0.4

Lead time: 1 working day

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

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

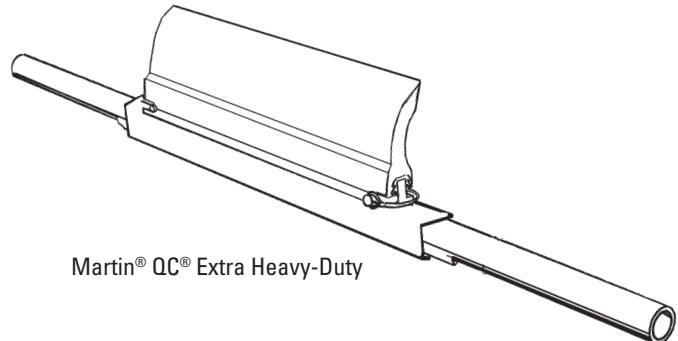
Lead time: 1 working day

### Specifications

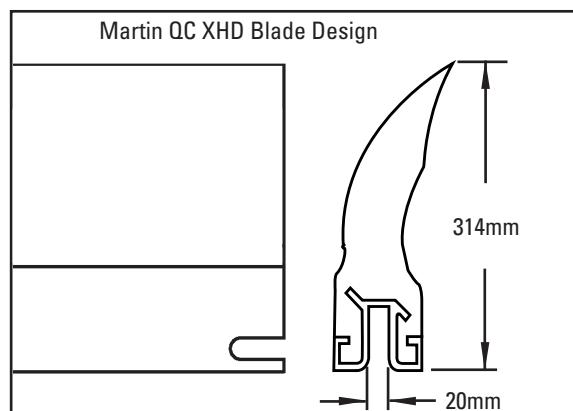
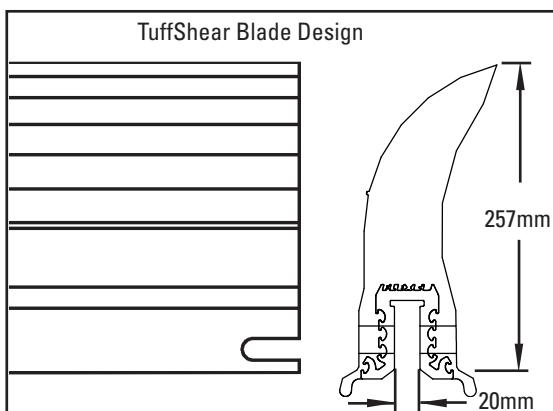
SLOT WIDTH	POLE PLATE THICKNESS	TUFFSHEAR BLADE HEIGHT	QC XHD BLADE HEIGHT
20mm	19mm	57mm	314mm

### Usable Blade Volume Comparison

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



Martin® QC® Extra Heavy-Duty



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

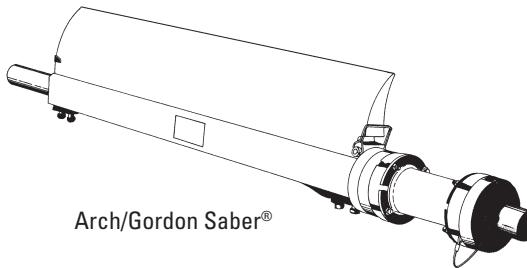
Additional blade sizes are available upon request. Call for pricing.

Lead time: 1 working day NOTE: Also works on Falcon Primary Cleaners (Canada).

### Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. KG.
EZP1BP	75642	0.04

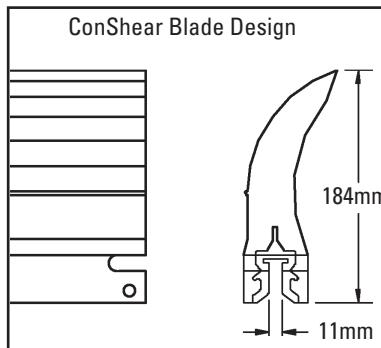
Lead time: 1 working day



### ConShear-LS for Arch/Gordon Mini-Saber Blades

BELT WIDTH	BLADE WIDTH	ARCH/GORDON PART NUMBER	ORDERING NUMBER	CONSHEAR-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.

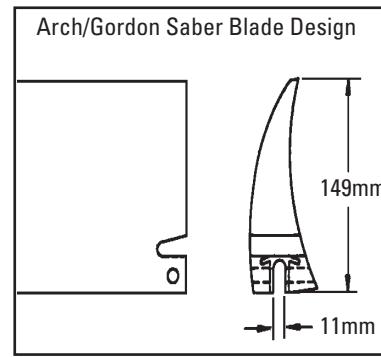


### Specifications

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 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 Arch/Gordon Saber (SCM) Channel Mount Blades 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

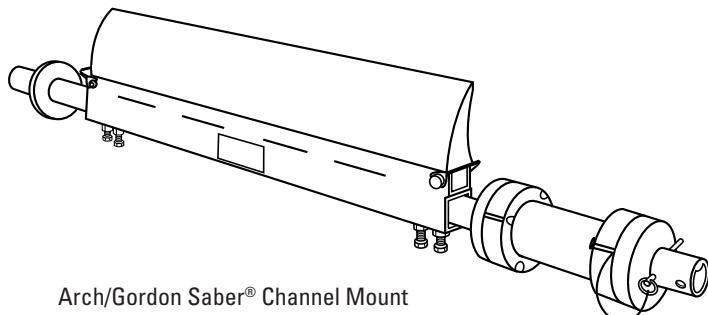
Additional blade sizes are available upon request. Call for pricing.

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



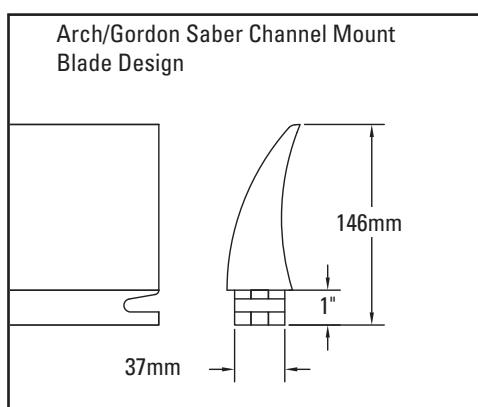
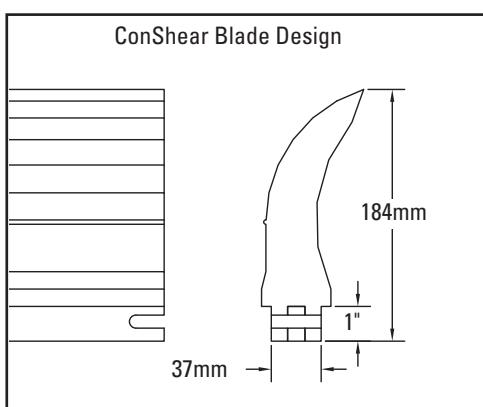
Arch/Gordon Saber® Channel Mount

### Specifications

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

### 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 cm <sup>2</sup>	553.0 cm <sup>3</sup>
ConShear™	71 cm	35.5 cm <sup>2</sup>	993.5 cm <sup>3</sup>



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

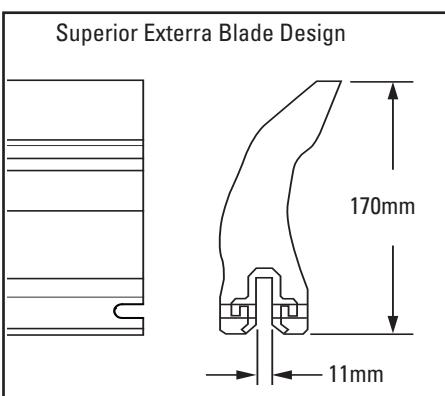
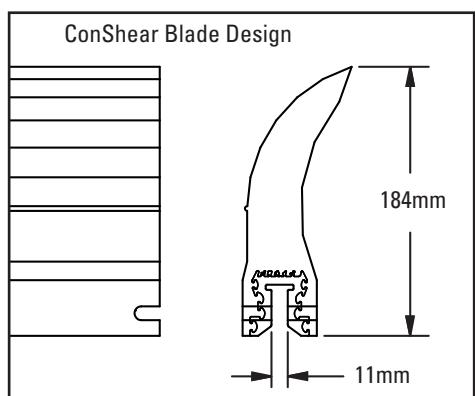
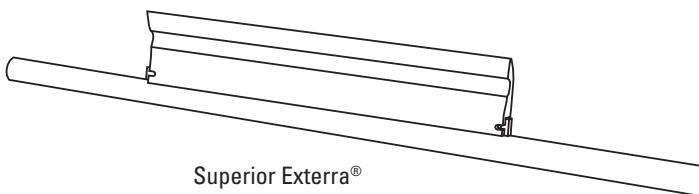
Additional blade sizes are available upon request. Call for pricing.

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

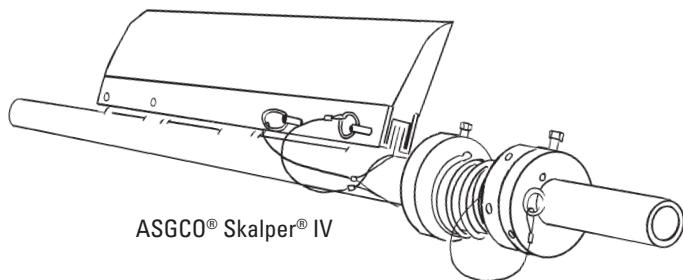
### Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. KG.
RB38BP	79481	0.1

Lead time: 1 working day

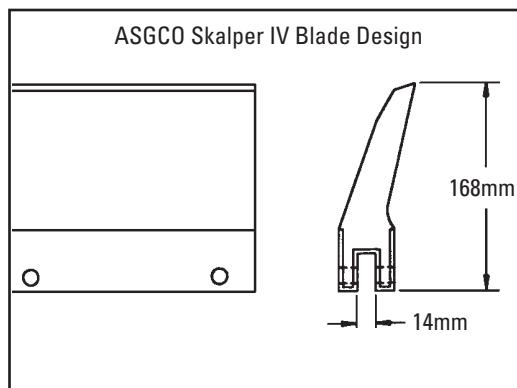
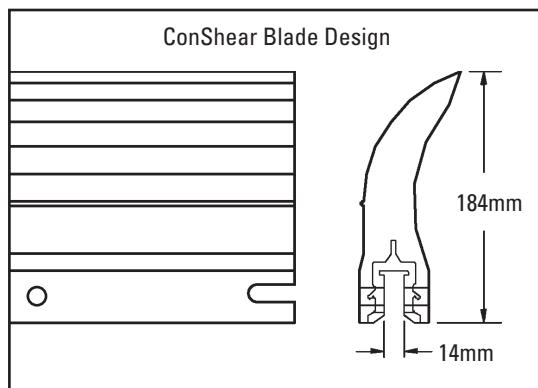
### Specifications

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 cm²	594.1 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.  
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

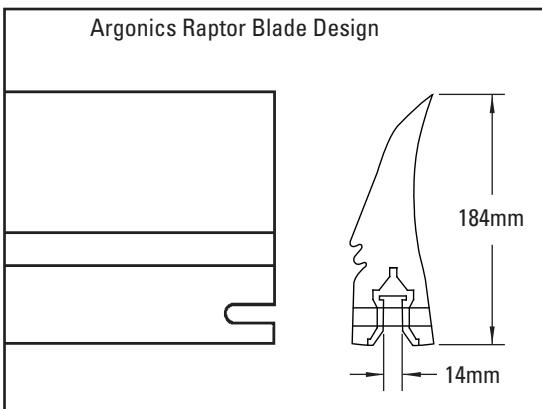
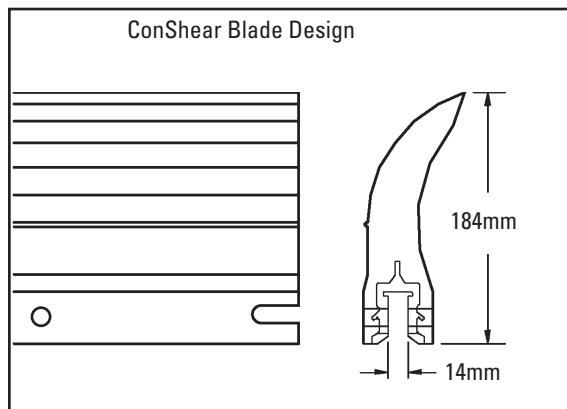
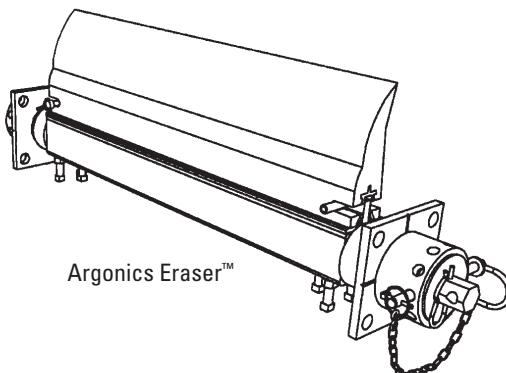
Lead time: 1 working day

### 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 <sup>2</sup>	767.7 cm <sup>3</sup>
ConShear™	71 cm	35.5 cm <sup>2</sup>	993.5 cm <sup>3</sup>



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

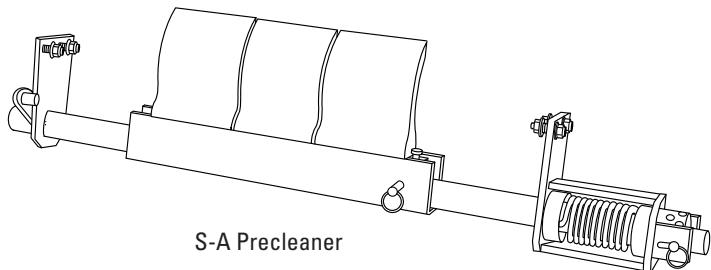
### Cleaner Blades Required Per Belt Width

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.

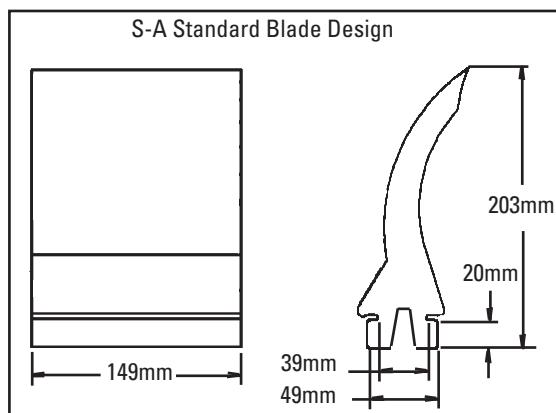
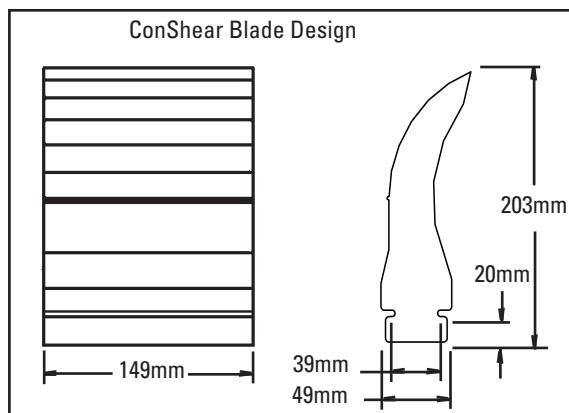
### Specifications

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 <sup>2</sup>	147.1 cm <sup>3</sup>
ConShear™	15 cm	35.5 cm <sup>2</sup>	213.0 cm <sup>3</sup>



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

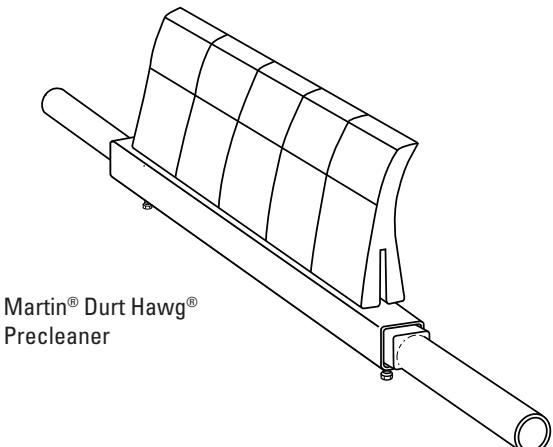
### Cleaner Blades Required Per Belt Width

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.

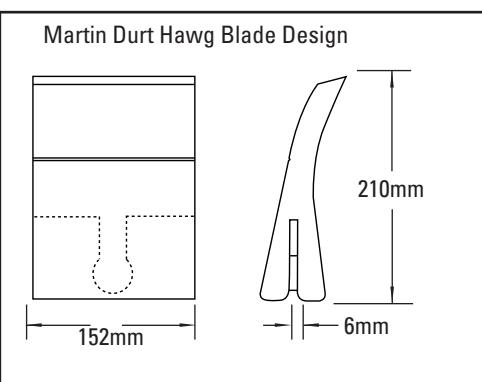
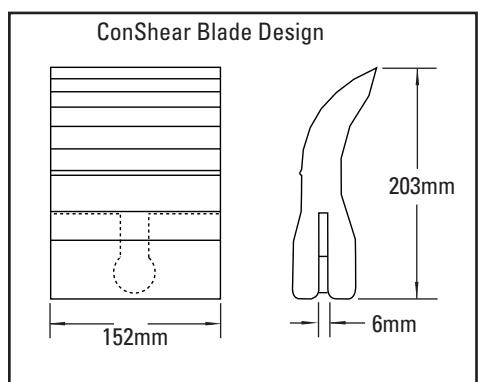
### Specifications

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



### Usable Blade Volume Comparison

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



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

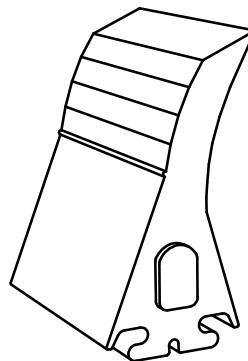
### Ordering Information

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

Lead time: 1 working day

### Specifications

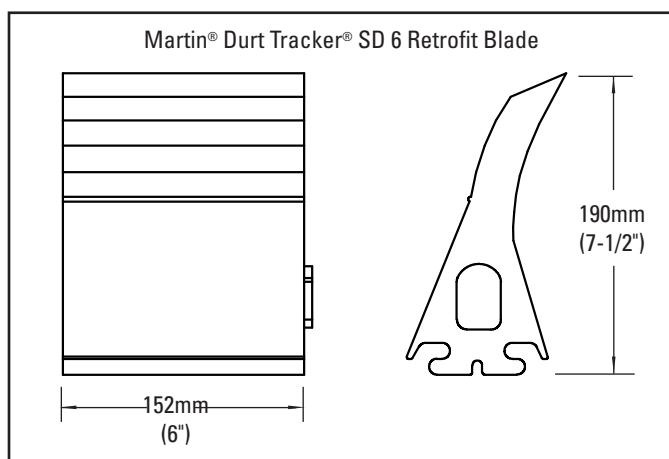
BLADE TYPE	BLADE WIDTH	BLADE HEIGHT
SD 6	152mm (6")	190mm (7 1/2")



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 <sup>2</sup> (3.7 in <sup>2</sup> )	.00037m <sup>3</sup> (22.3 in <sup>3</sup> )



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

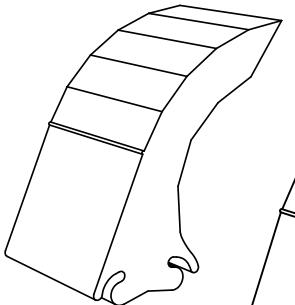
### Ordering Information

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

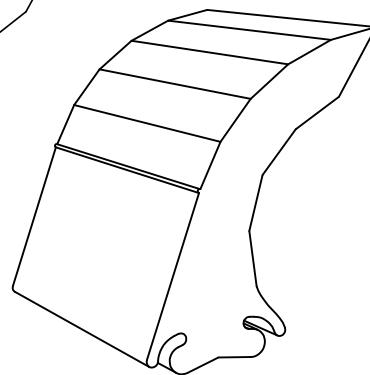
Lead time: 1 working day

### Specifications

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



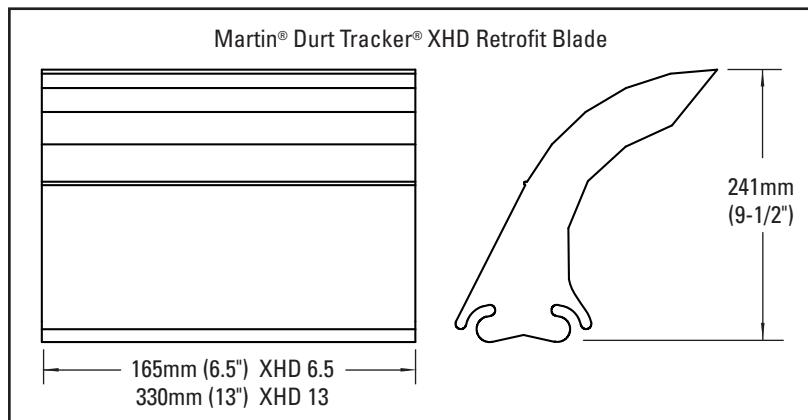
Martin® Durt Tracker®  
XHD 6.5 Replacement Blade



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 <sup>2</sup> (12.1 in <sup>2</sup> )	.00128m <sup>3</sup> (78 in <sup>3</sup> )
Martin® Durt Tracker® XHD 13 Retrofit Blade	330mm (13")		.00256m <sup>3</sup> (156 in <sup>3</sup> )



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

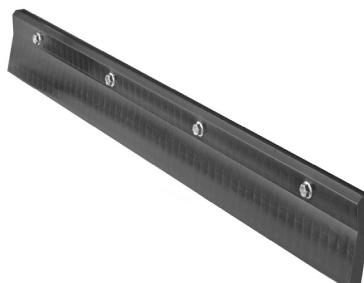


### Replacement Blade Kits\*\*

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

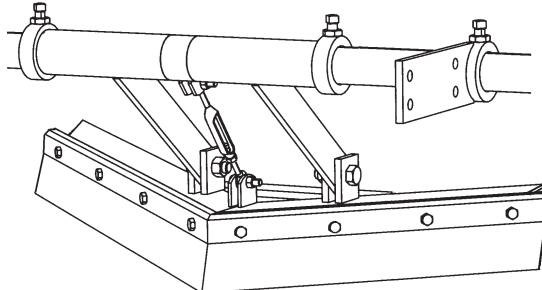
## V-Plow & Diagonal Plow

### 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.

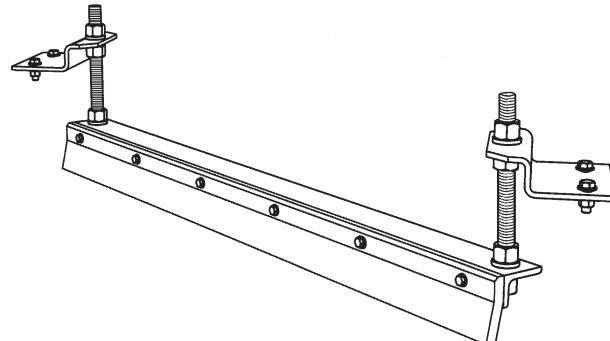


### Diagonal Plow

#### 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.

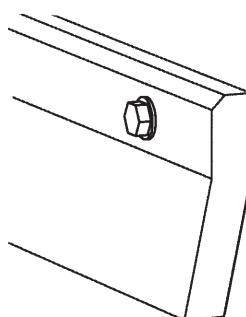


### Application Guidelines:

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

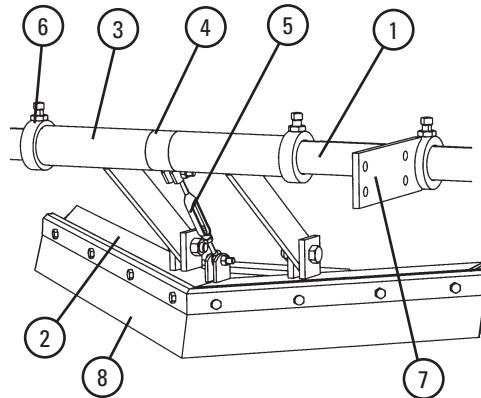
### Replacement Parts - V-Plow

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
<b>REPLACEMENT BLADE KITS**</b>						
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

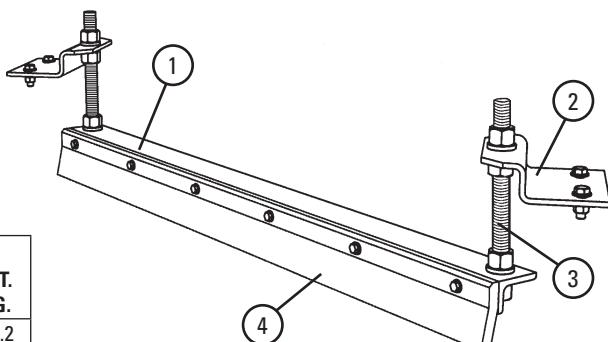
### Replacement Parts - Diagonal Plow

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
<b>REPLACEMENT BLADE KITS**</b>						
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

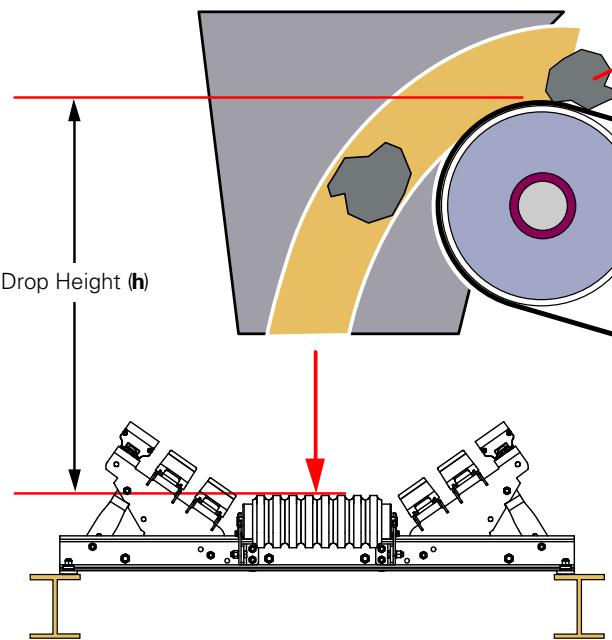


# Specifications & Guidelines

## 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.

<b>How to spec the correct slider/impact bed for your conveyor transfer point</b>	<b>Roller Size and CEMA Rating</b> 125mm (5") <input type="checkbox"/> 150mm (6") <input type="checkbox"/> CEMA C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> <b>Belt Width:</b> _____ <b>Bed Length:</b> 1.2M (4') <input type="checkbox"/> 1.5M (5') <input type="checkbox"/>			
<b>Impact Energy Calculation Chart</b>  <b>Impact Energy</b> Lump Weight (w) _____ Drop Height (h) x _____ Total = kg-m <input type="button" value="See Below"/>	<table border="1"><tr><td>0 lb-ft— <b>EZSB-C</b></td></tr><tr><td>0 - 25kg-m— <b>EZSB-I or EZIB-L</b> (200 lb-ft)</td></tr><tr><td>25-100 kg-m— <b>EZIB-M</b> (200 - 750 lb-ft)</td></tr></table>	0 lb-ft— <b>EZSB-C</b>	0 - 25kg-m— <b>EZSB-I or EZIB-L</b> (200 lb-ft)	25-100 kg-m— <b>EZIB-M</b> (200 - 750 lb-ft)
0 lb-ft— <b>EZSB-C</b>				
0 - 25kg-m— <b>EZSB-I or EZIB-L</b> (200 lb-ft)				
25-100 kg-m— <b>EZIB-M</b> (200 - 750 lb-ft)				

# 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)

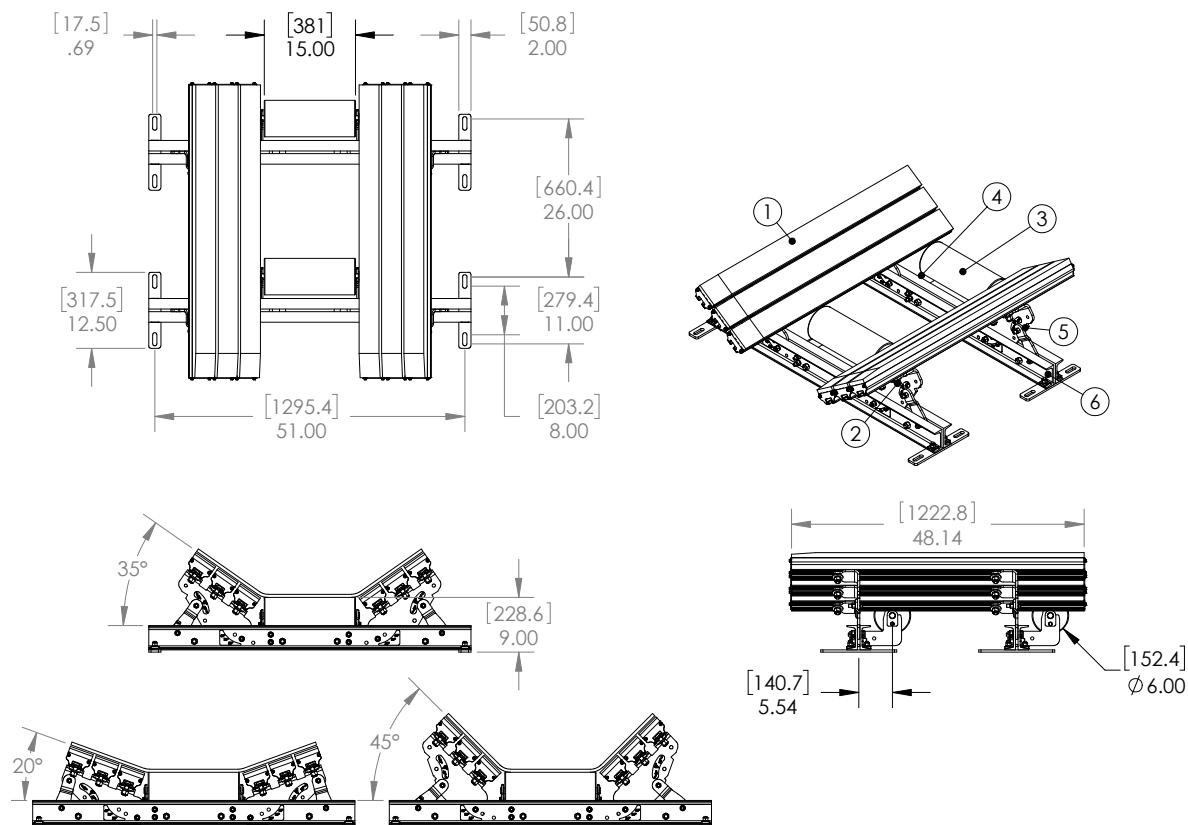
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	EZAI-24	79000	36.2
750	30	EZAI-30	79001	40.8
900	36	EZAI-36	79002	45.7
1050	42	EZAI-42	79003	49.9
1200	48	EZAI-48	79004	55.9
1350	54	EZAI-54	79005	60.1
1500	60	EZAI-60	79006	64.1
1800	72	EZAI-72	79007	74.2

Lead time: 1 working day



# Specifications and Guidelines

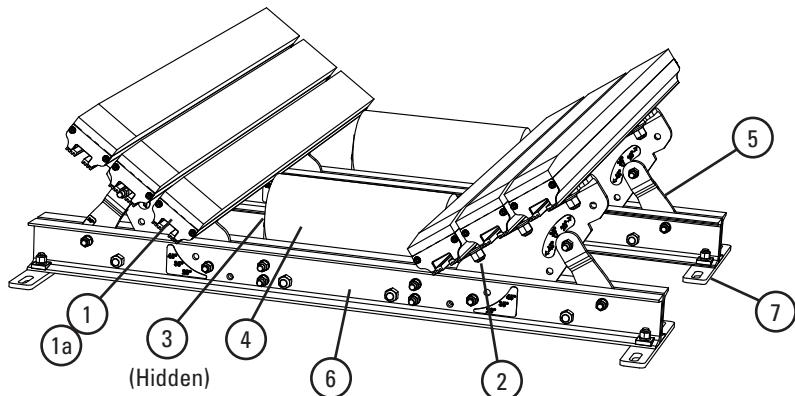
**EZSB-C**  
*Flexco Slider Beds*



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.	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**



## 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 *	EZRMRK	78952	2.3
4	Roller 600mm (24")	RRTD6-24	79874	18.2
	Roller 750mm (30")	RRTD6-30	79875	21.2
	Roller 900mm (36")	RRTD6-36	79876	24.6
	Roller 1050mm (42")	RRTD6-42	79877	27.8
	Roller 1200mm (48")	RRTD6-48	79878	32.2
	Roller 1350mm (54")	RRTD6-54	79879	34.0
	Roller 1500mm (60")	RRTD6-60	79880	36.2
5	Roller 1800mm (72")	RRTD6-72	79881	43.2
	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
6	Wing Plate Kit 1800mm (72") *	EZWPK-72	78977	21.2
	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

## 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-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	SLIDER	4	4	4	6	6	8	8
BAR BOLT KITS REQUIRED		8	8	8	12	12	16	16

# 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)

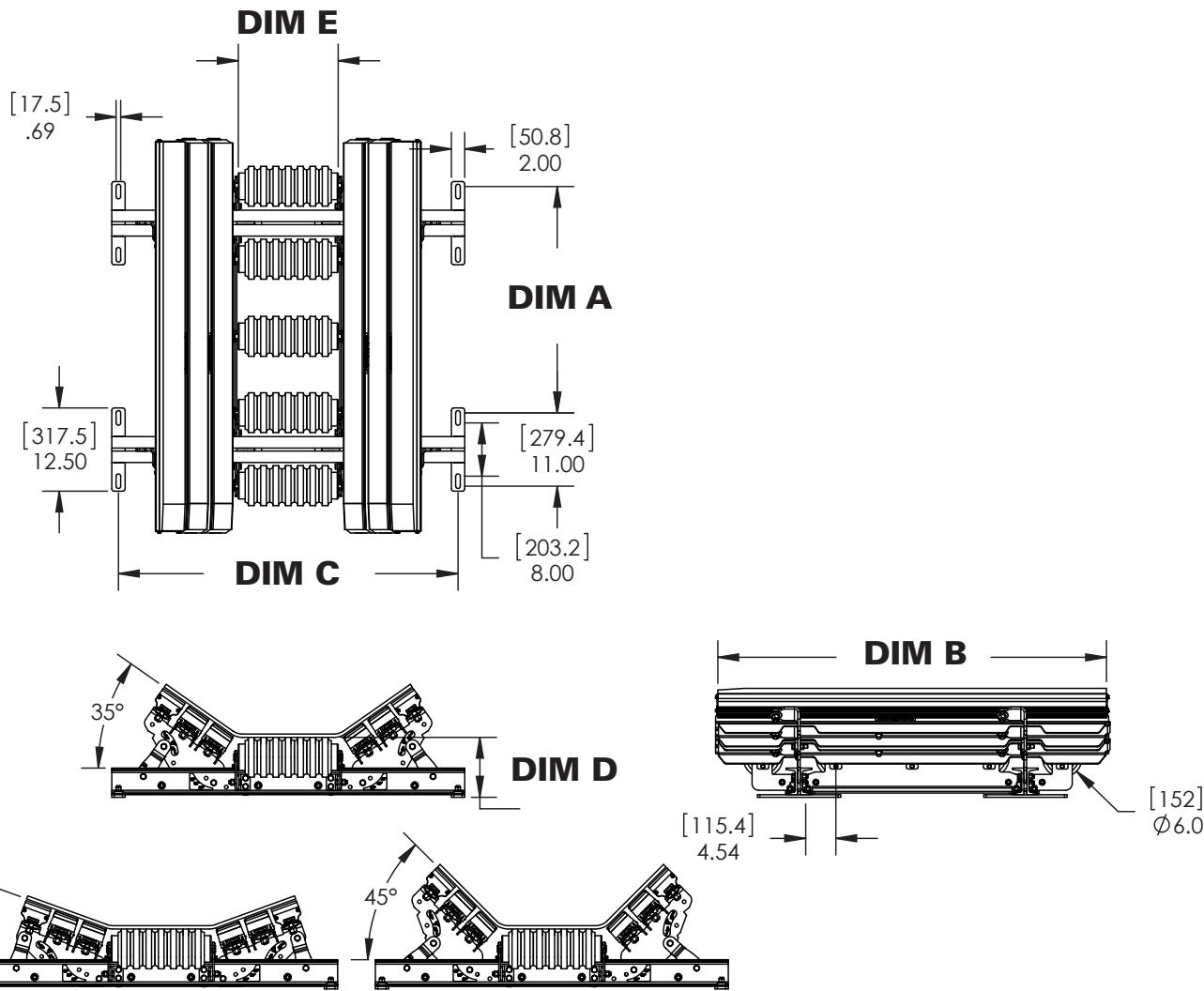
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
mm	in.			
600	24	EZAI-24I	79091	40.8
750	30	EZAI-30I	79092	45.4
900	36	EZAI-36I	79093	50.2
1050	42	EZAI-42I	79094	54.4
1200	48	EZAI-48I	79095	60.5
1350	54	EZAI-54I	79096	64.6
1500	60	EZAI-60I	79097	68.6
1800	72	EZAI-72I	79098	78.7

Lead time: 1 working day



# Specifications and Guidelines

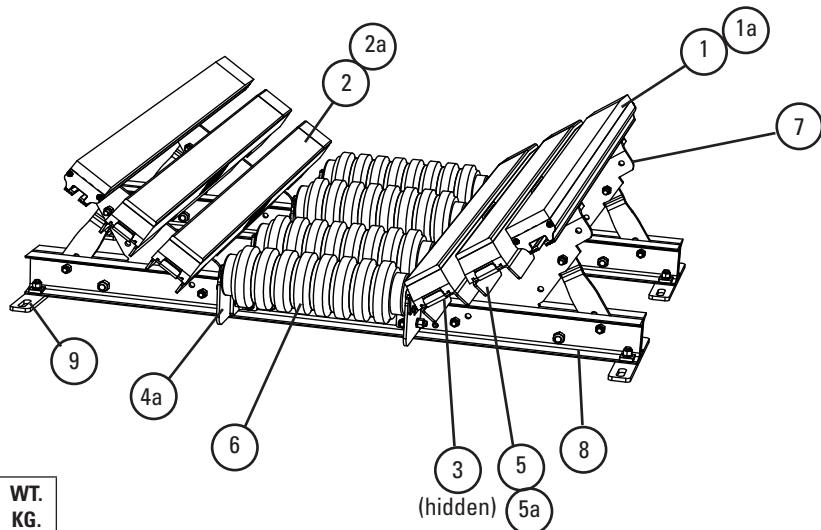
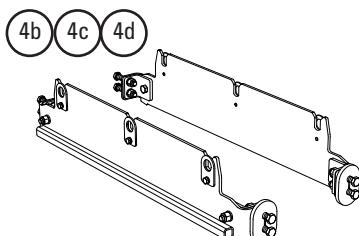
**EZSB-I**  
**Flexco Slider Beds**  
with Impact Rolls



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									
660.4	26	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
		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* <sup>s</sup>	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
	Cross Stringer Kit 600mm (24")*	EZCSK-24	78978	22.3
8	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
	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	2	2	2	2	2	2	2	2
IMPACT	2	2	2	4	4	6	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

# 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

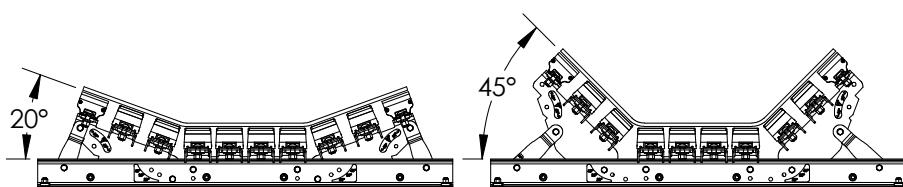
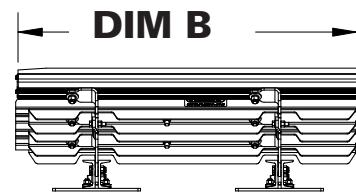
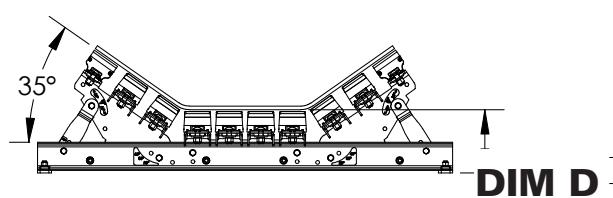
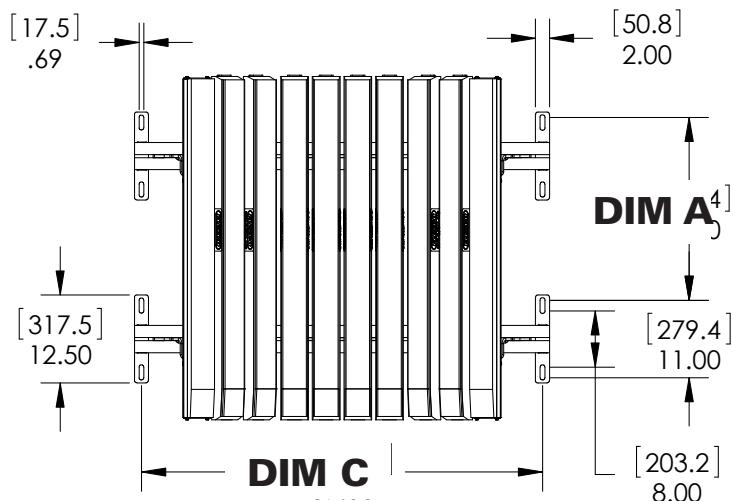
Lead time: 1 working day

### 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

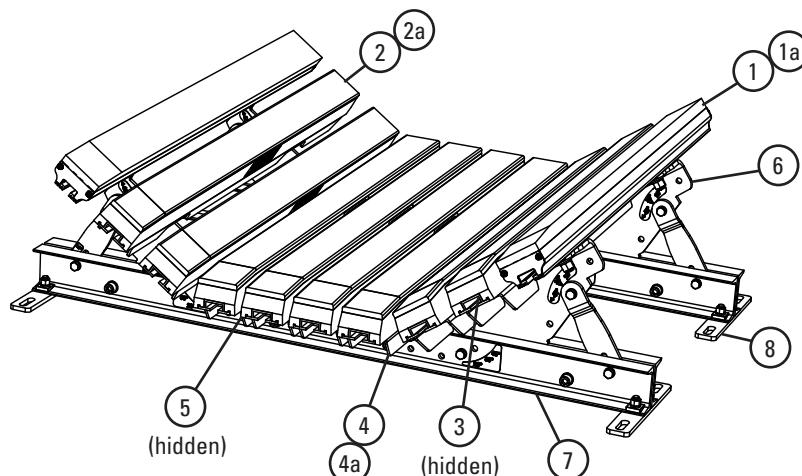
**EZIB-L**  
**Flexco Impact Beds**  
All Bars - Light Duty



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 - L1.5M (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	

# Product Ordering Information

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



## Flexco Slider Bed Impact Bars - Medium Duty

BELT WIDTH mm	BELT WIDTH in.	TONNAGE RATING (ton/hr)	1.2M (4') LENGTH			1.5M (5') LENGTH		
			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

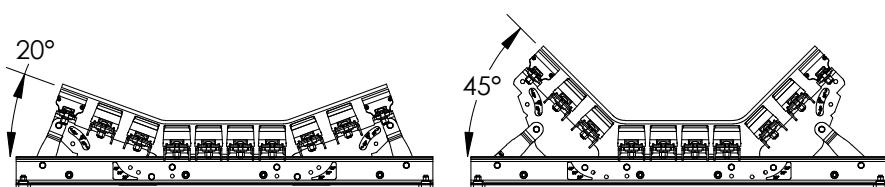
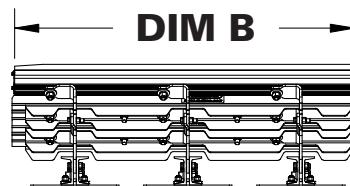
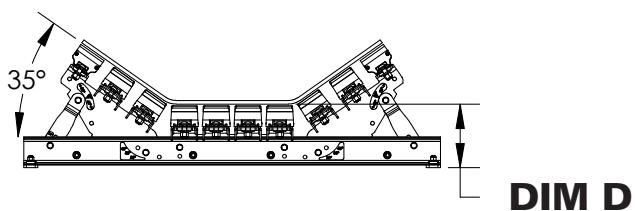
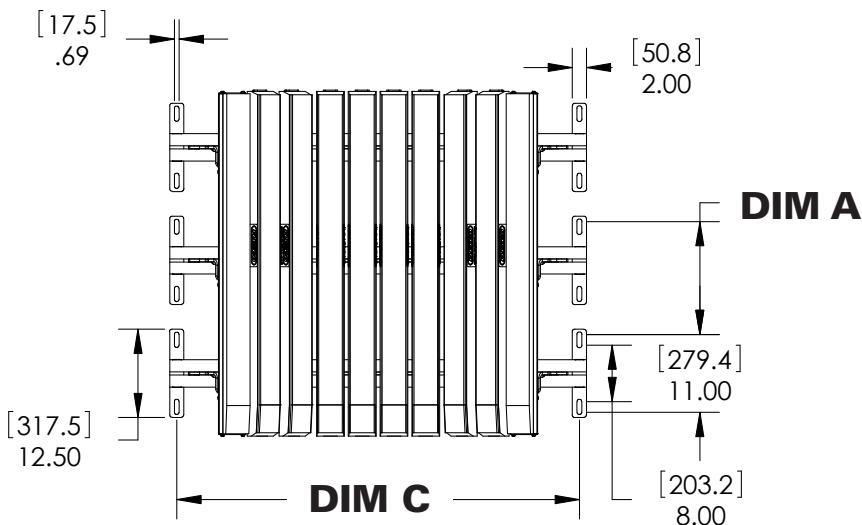
Lead time: 1 working day

### 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



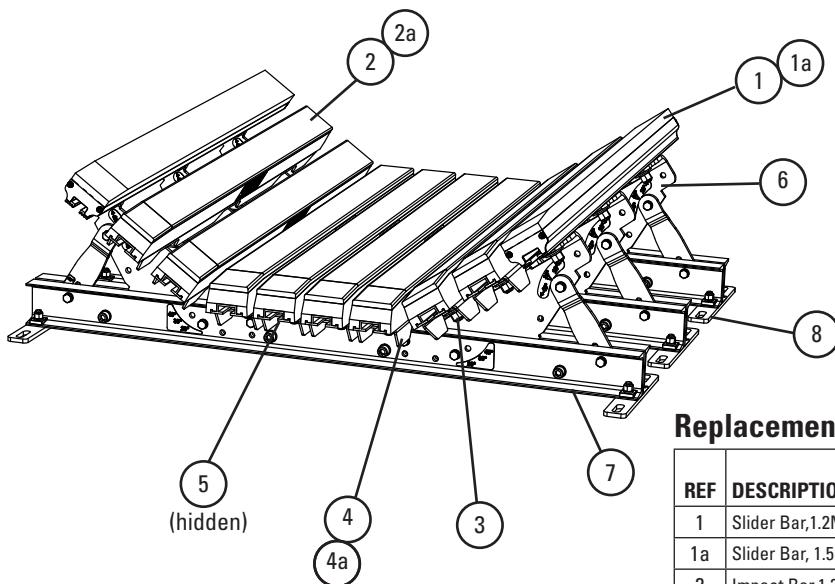
Bed Length 1.4M (4')				Bed Length 1.5M (5')				Bed Width		Dim C		Dim D	
Dim A		Dim B		Dim A		Dim B							
mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
406.4	16	1222.8	48.14	558.8	22	1482.9	58.38	600	24	838	33	229	9
								750	30	991	39	229	9
								900	36	1143	45	229	9
								1050	42	1295	51	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 - M 1.5M (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
	Wing Plate Kit 600mm (24") *	EZWPK-24	78970	7.7
6	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
	Cross Stringer Kit 600mm (24") *	EZCSK-24	78978	22.3
	Cross Stringer Kit 750mm (30") *	EZCSK-30	78979	25.6
7	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
	Shim Kit Medium Duty (incl. 4 shims)	SHIM-KITM	77549	9.3

\*Hardware Included

Lead time: 1 working day

## 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
	IMPACT	4	4	5	7	8	10	11
BAR BOLT KITS REQUIRED		26	26	31	41	46	56	61
BAR SUPPORTS REQUIRED		4	4	5	7	8	10	11

# 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



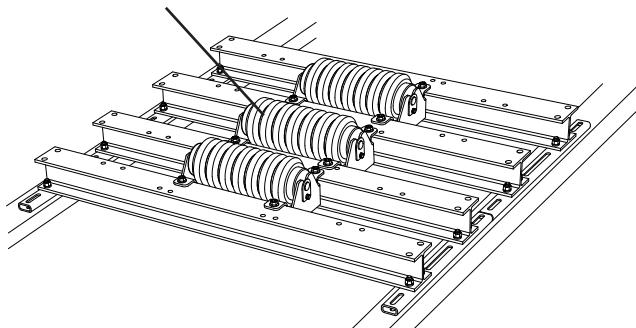
## Add-on Impact Roller Kit

(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



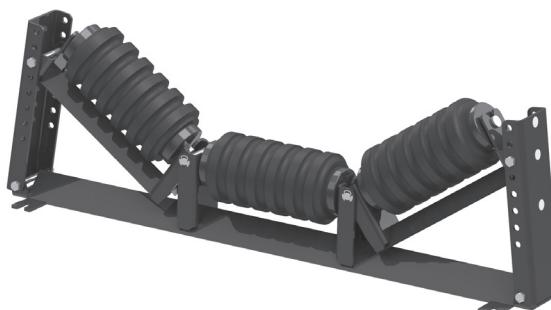
## Adjustable Idler Set with Impact Rolls

(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

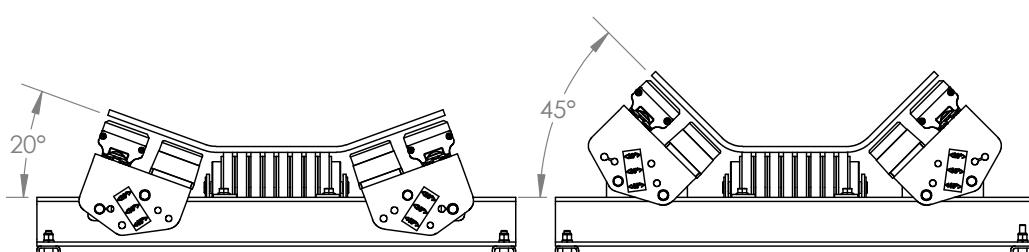
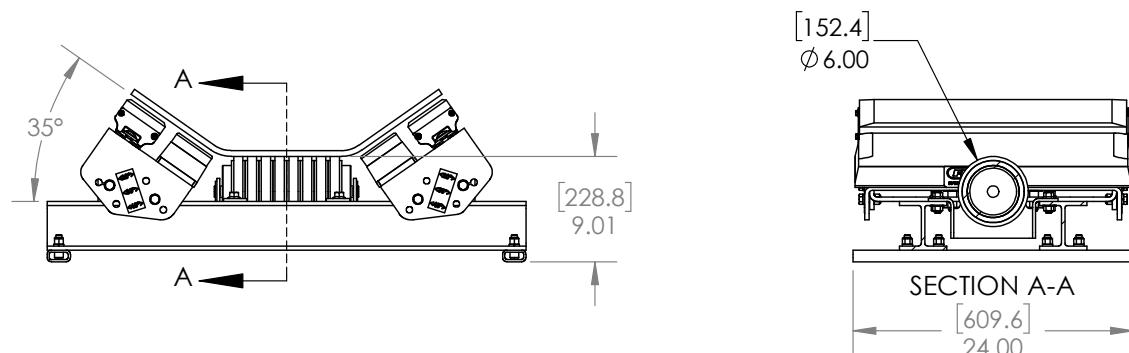
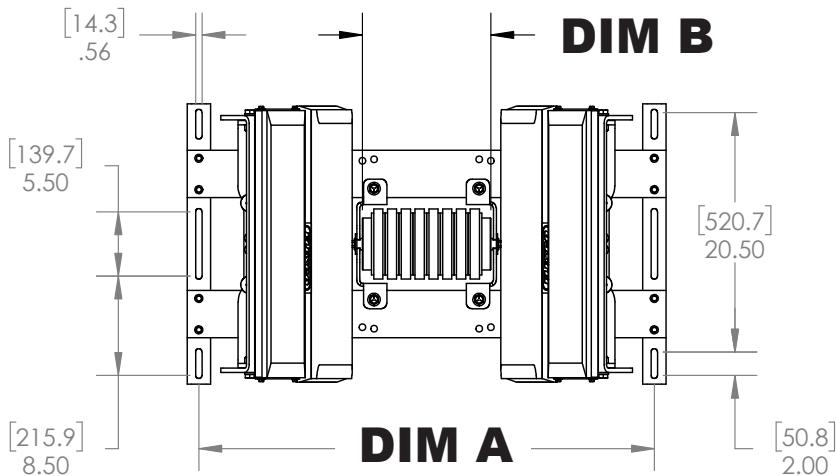


## Product Notes:

- 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

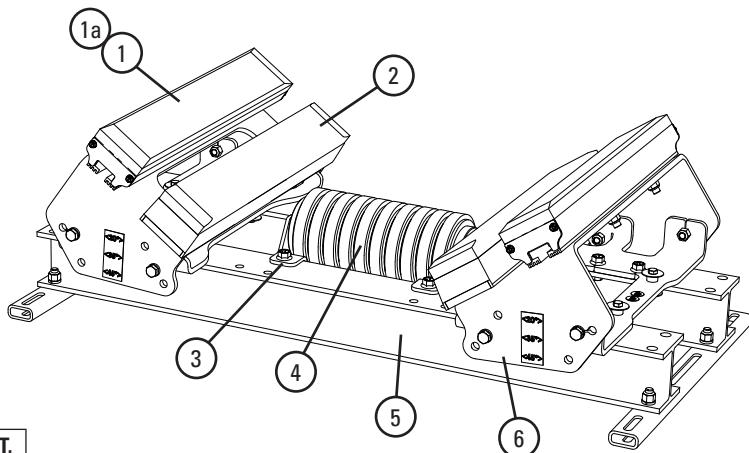
**MSB**  
**Modular Slider Beds**  
with Impact Rolls



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
5	Impact Roll 1800mm (72")	NI6D3T-72-25-A45	26191	11.6
	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
6	Cross Stringer Kit 1500mm (60")*	MIB60CSK	90243	75.6
	Cross Stringer Kit 1800mm (72")*	MIB72CSK	90244	88.3
	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
BARS REQUIRED	IMPACT	2	2	2	4	4	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	40.8
30	750	EZAI-30I	45.4
36	900	EZAI-36I	50.2
42	1050	EZAI-42I	54.4
48	1200	EZAI-48I	60.5
54	1350	EZAI-54I	64.6
60	1500	EZAI-60I	68.6
72	1800	EZAI-72I	78.7

Lead time: 1 working day

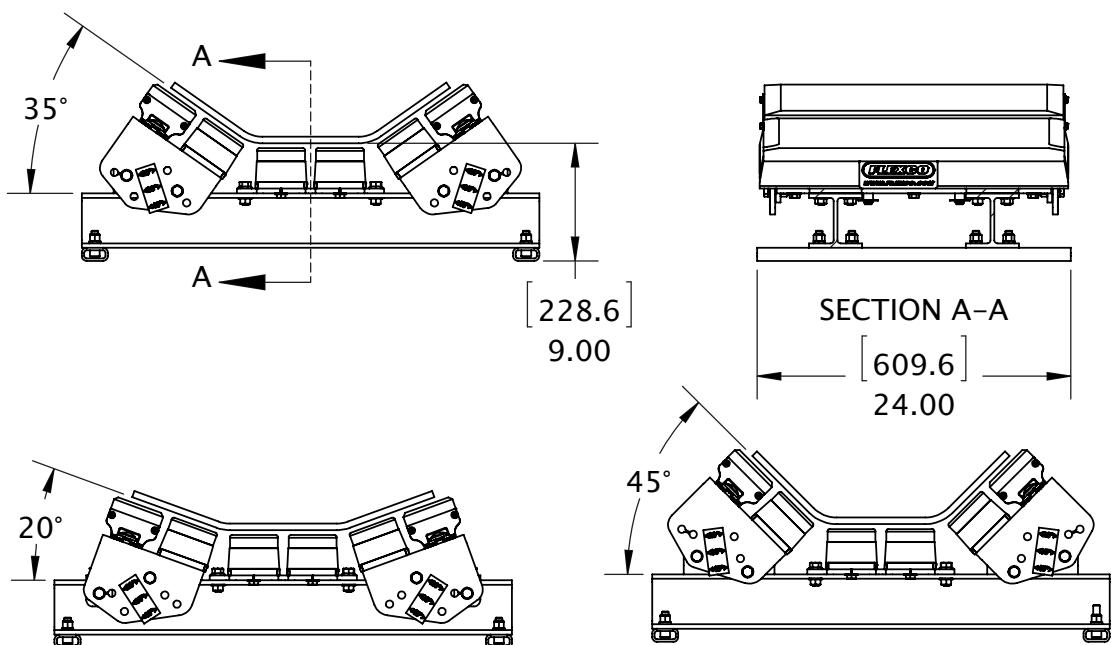
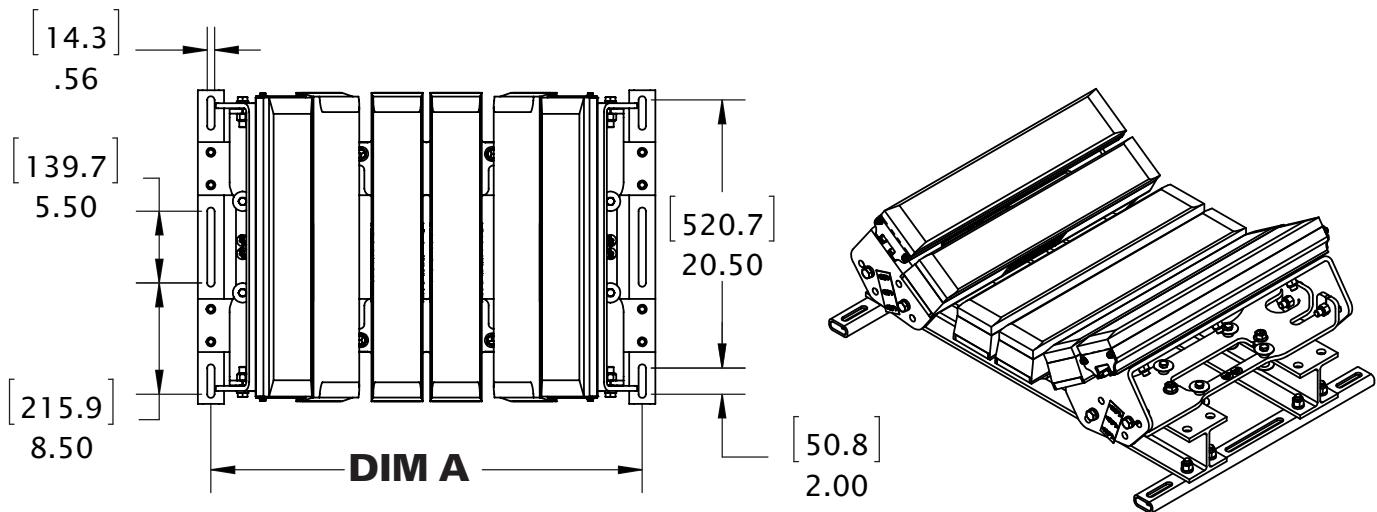


## Product Notes:

- 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

# Specifications and Guidelines

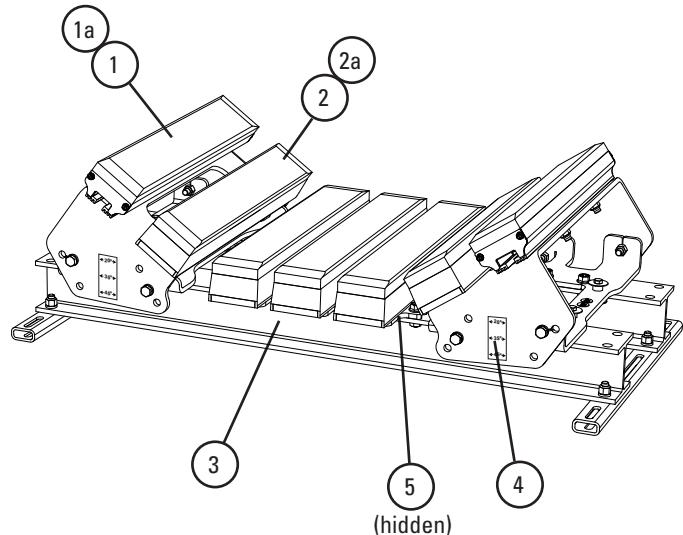
**MIB**  
*Modular Impact Beds*  
All Bars



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

## 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
BARS REQUIRED	IMPACT	4	4	5	7	8	10	11

### 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™

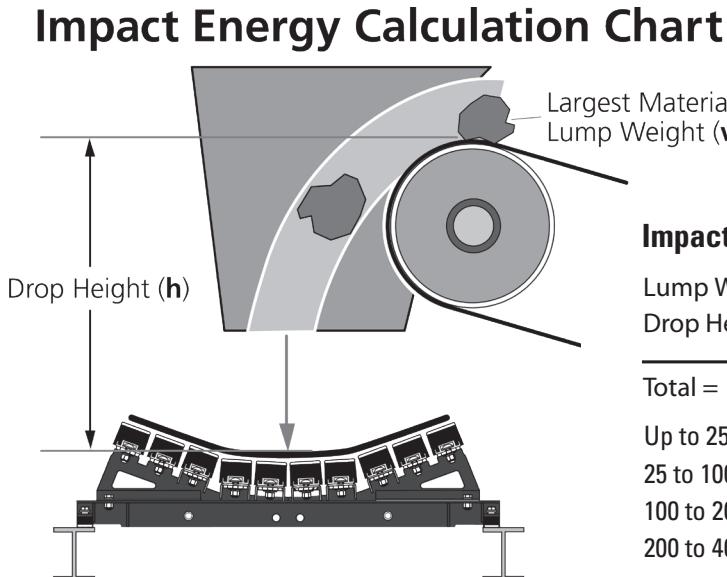
- All DRX Impact Beds separate in the middle to slide apart and out.
- Can be easily and safely converted from the run position to the service position.
- Impact bars are easy to get to for changeout. A complete changeout can be done in one or two hours.

**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



#### 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')

#### 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

**DRX**  
Impact Beds

# Product Ordering Information

**DRX200**  
**Impact Beds**

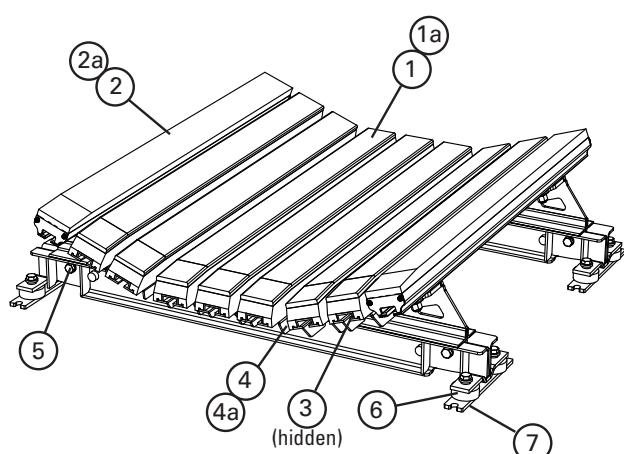
## DRX200 CEMA D construction

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

## Product Notes:

- Rated for impacts up to 25 kg-m (200 lb-ft)
- Rated for belt speeds up to 5 m/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

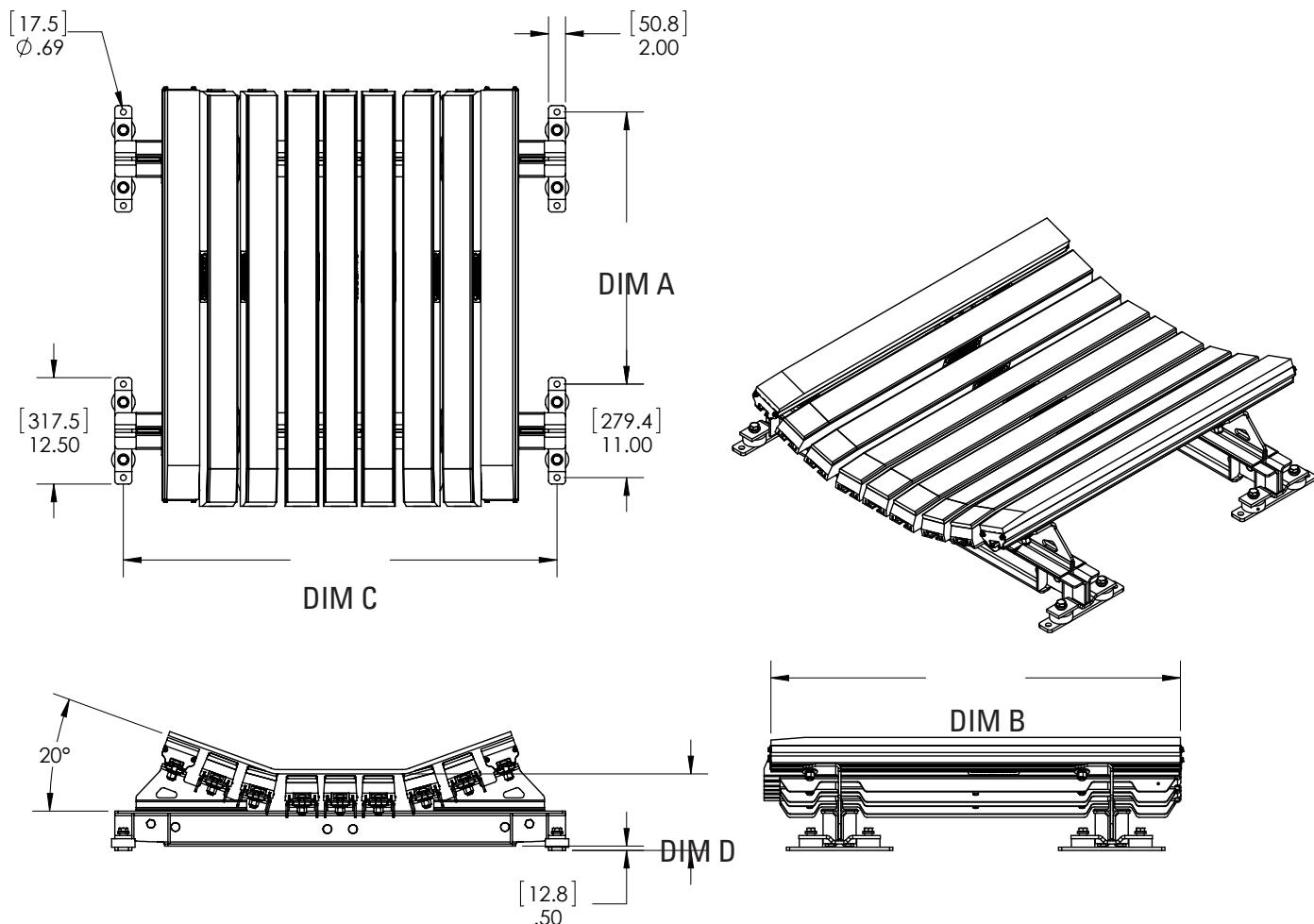
Lead time: 1 working day

## 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**

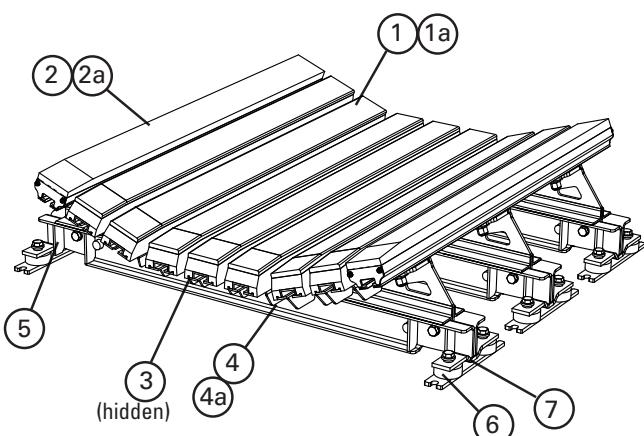
## DRX750

		CEMA D construction			1.2M (4') BEDS, 20° TROUGH			1.2M (4') BEDS, 35° TROUGH		
BELT WIDTH	TONNAGE	RATING	ORDERING	ITEM	WT.	ORDERING	ITEM	WT.		
mm	in.	(ton/hr)	NUMBER	CODE	KG.	NUMBER	CODE	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

		1.5M (5') BEDS, 20° TROUGH			1.5M (5') BEDS, 35° TROUGH			
BELT WIDTH	TONNAGE	RATING	ORDERING	ITEM	WT.	ORDERING	ITEM	WT.
mm	in.	(ton/hr)	NUMBER	CODE	KG.	NUMBER	CODE	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

## 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

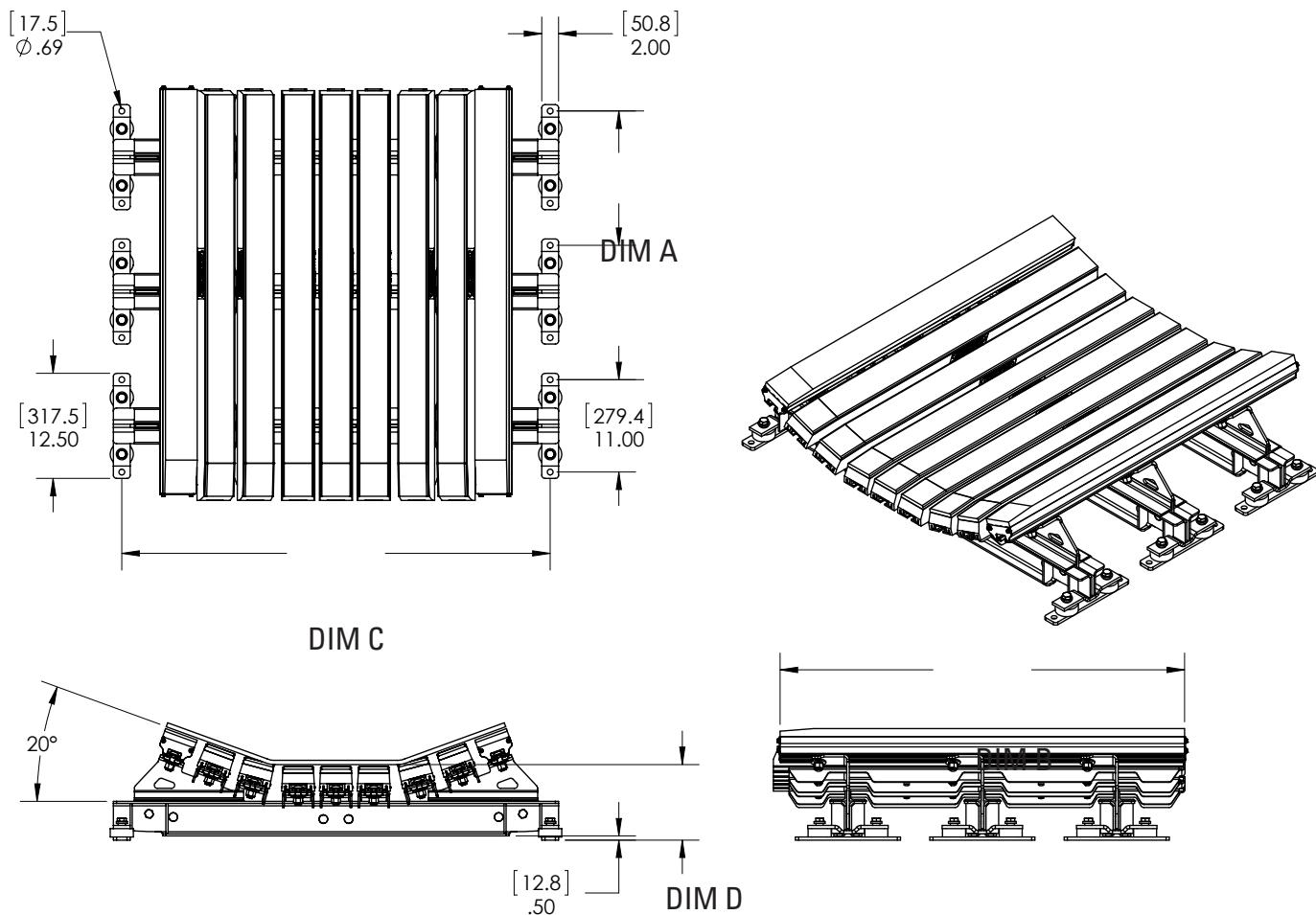
Lead time: 1 working day

## 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')				Bed Width		Dim C		Dim D	
Dim A		Dim B		Dim A		Dim B		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			
		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

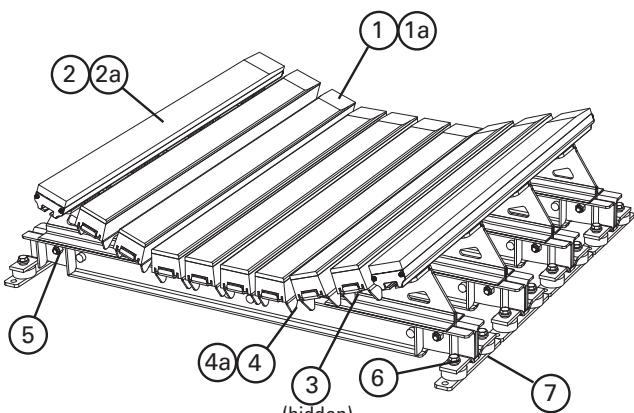
Lead time: 2 weeks

## 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			
		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

## 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

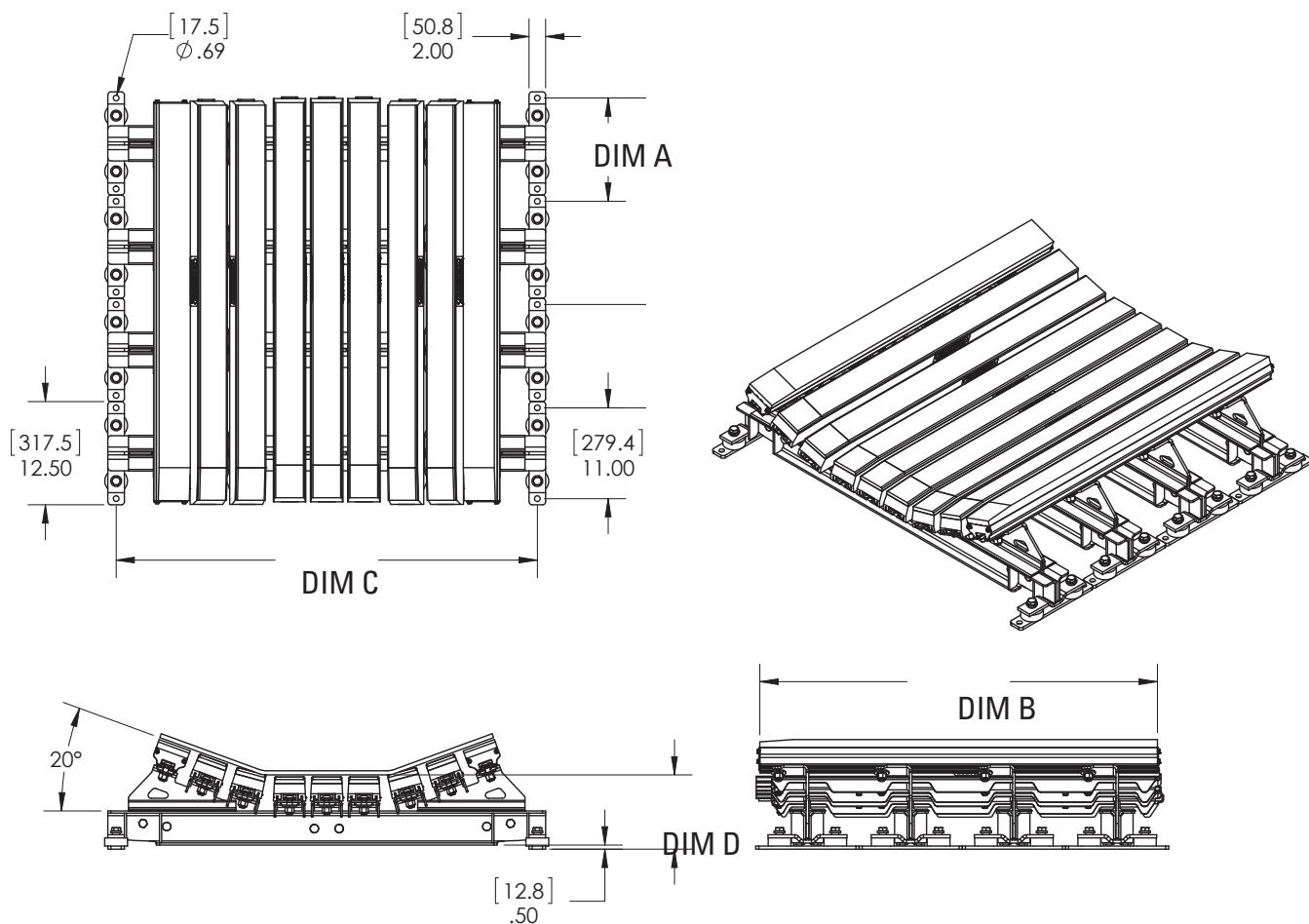
Lead time: 1 working day

## 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')				Bed Width		Dim C		Dim D	
Dim A	Dim B			Dim A	Dim B					mm	in.	mm	in.
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

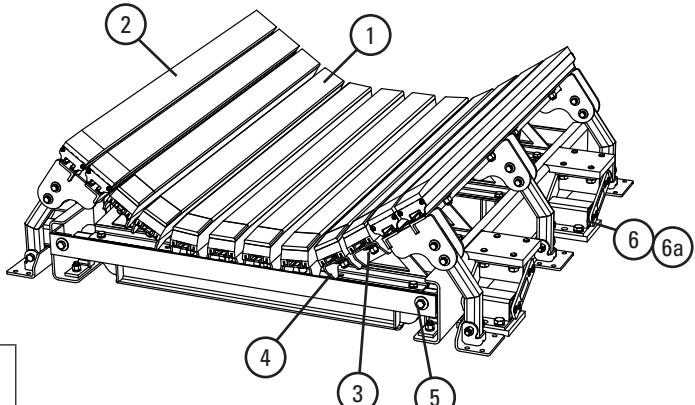
# Product Ordering Information

**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			
		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



\* Belt width + 9" = Structure width

## 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

## Replacement Bars and Bolt Kits Required per Belt Width - DRX3000

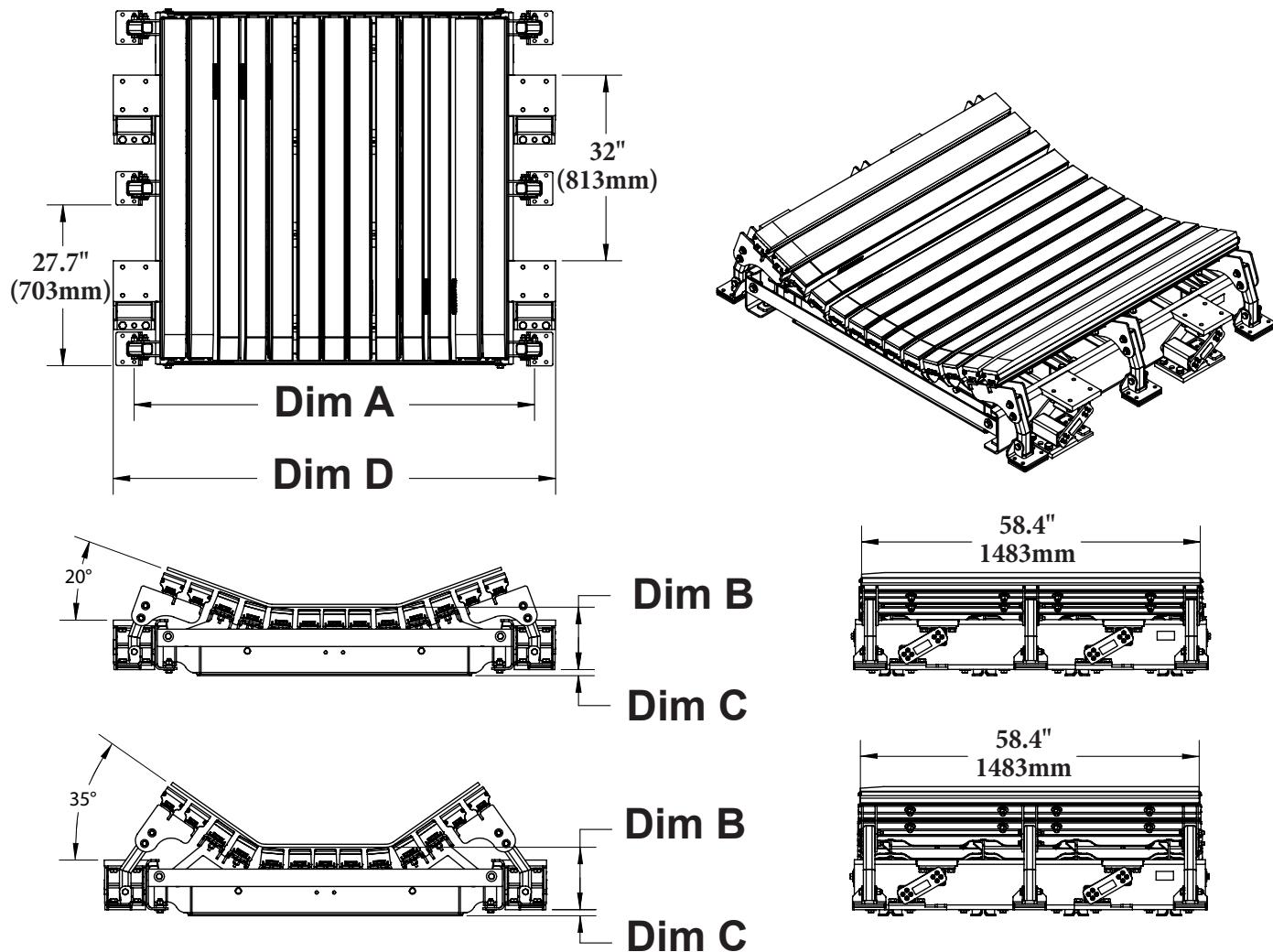
mm	1050	1200	1350	1500	1800	2100	2400
in.	42	48	54	60	72	84	96
<b>Slider Bars Required</b>	2	2	4	4	4	4	4
<b>Impact Bars Required</b>	8	8	8	9	12	12	16
<b>Impact Bar Supports Required</b>	8	8	8	9	12	12	16
<b>Impact Bar Bolt Kits Required</b>	56	56	64	70	88	88	112

## 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

# 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

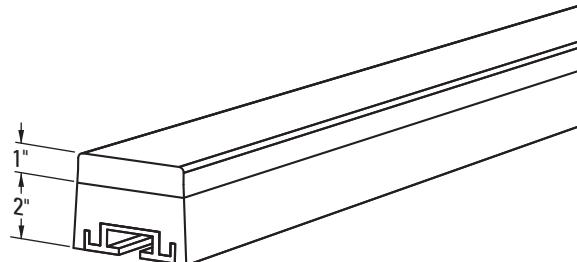
## DRX™ Impact Beds Optional Parts and Tools

### 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

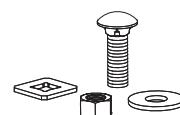
### Impact Bar Bolt Kit for Other OEM Impact Beds\*

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



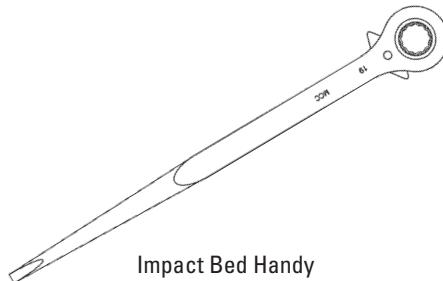
Optional Impact Bar  
Bolt Kit

### 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

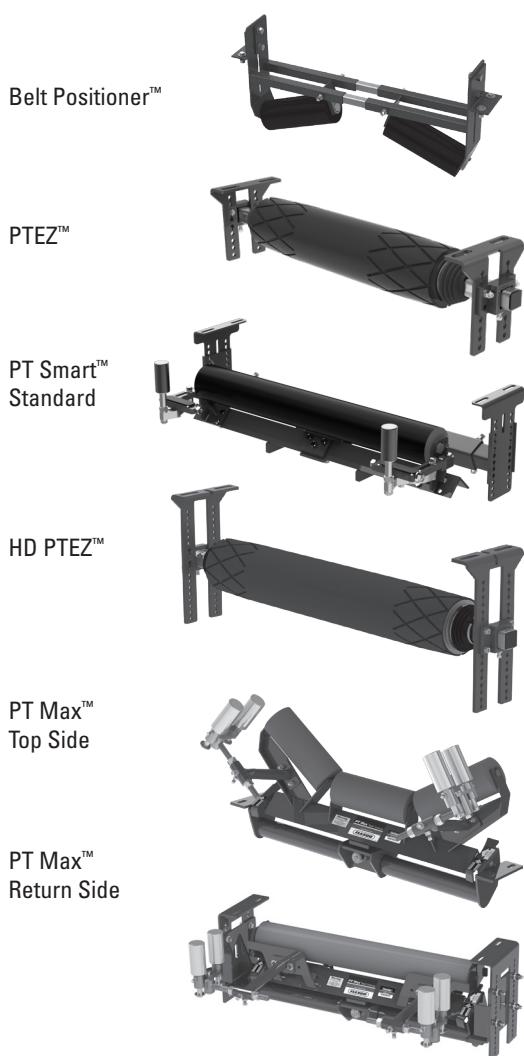


Impact Bed Handy  
Wrench

# 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")



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

# Product Ordering Information

**Belt Positioner™**



## 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.

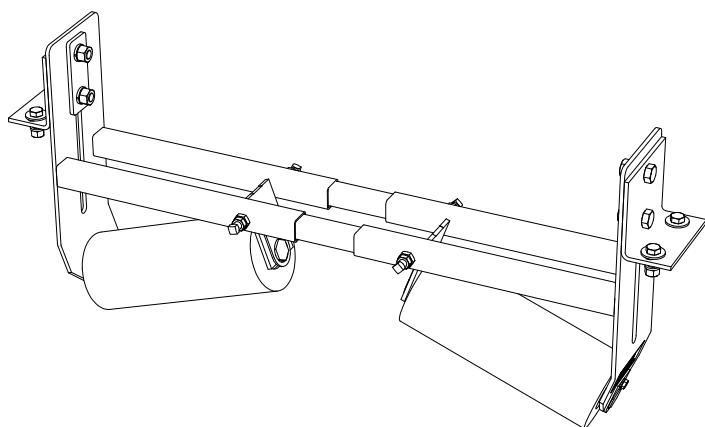
# Specifications & Guidelines

**Belt Positioner™**

## Belt Width Specifications

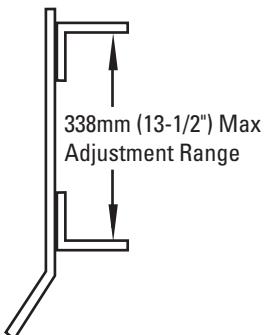
SIZE	BELT WIDTH (Min-Max)		POSITIONER WIDTH (Min-Max)	
	mm	in.	mm	in.
Small	450-600	18-24	600-850	24-34
Medium	750-1200	30-48	850-1400	34-56
Large	1350-1800	54-72	1400-2075	56-83
Extra Large	1800-2400	72-96	1800-3000	72-120

Use next larger size for belt widths between ranges.



## Application Guidelines:

- Belt Splice ..... Mechanically Fastened/Vulcanized
- Belt Speed ..... 5 m/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

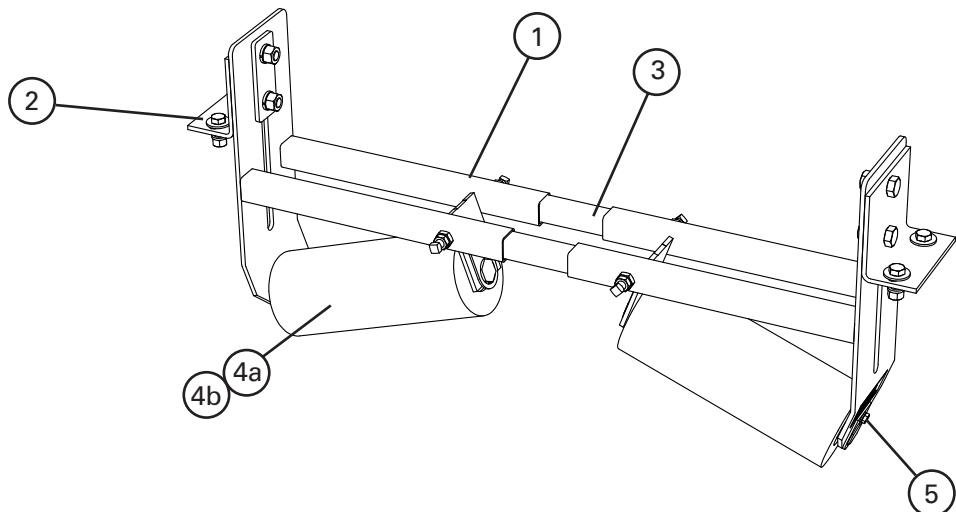
SIZE	LENGTH		DIAMETER	
	mm	in.	mm	in.
Small	225	9	125	5
Medium	325	13	125	5
Large	475	19	125	5
Extra Large	525	21	150	6

## 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

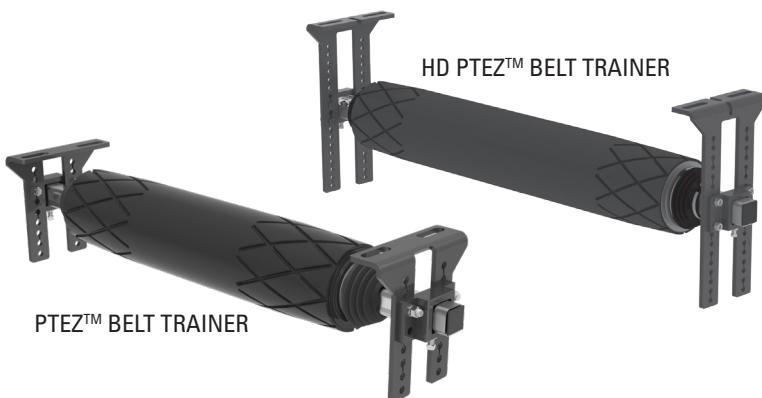
# Product Ordering Information

**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

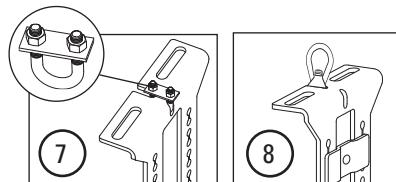
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
in.	mm			
42	1050	PTEZHD-42/1050-UG	90798	104.3
48	1200	PTEZHD-48/1200-UG	90799	115.2
54	1350	PTEZHD-54/1350-UG	90800	126.6
60	1500	PTEZHD-60/1500-UG	90801	137.4
72	1800	PTEZHD-72/1800-UG	90802	159.2

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

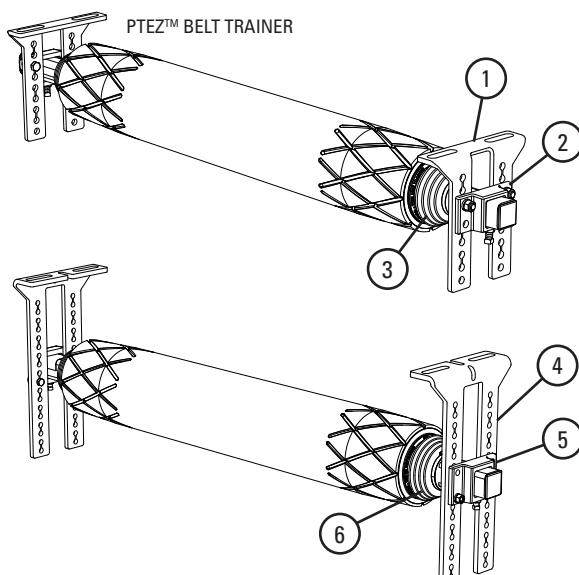


### PTEZ™ Replacement Parts

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

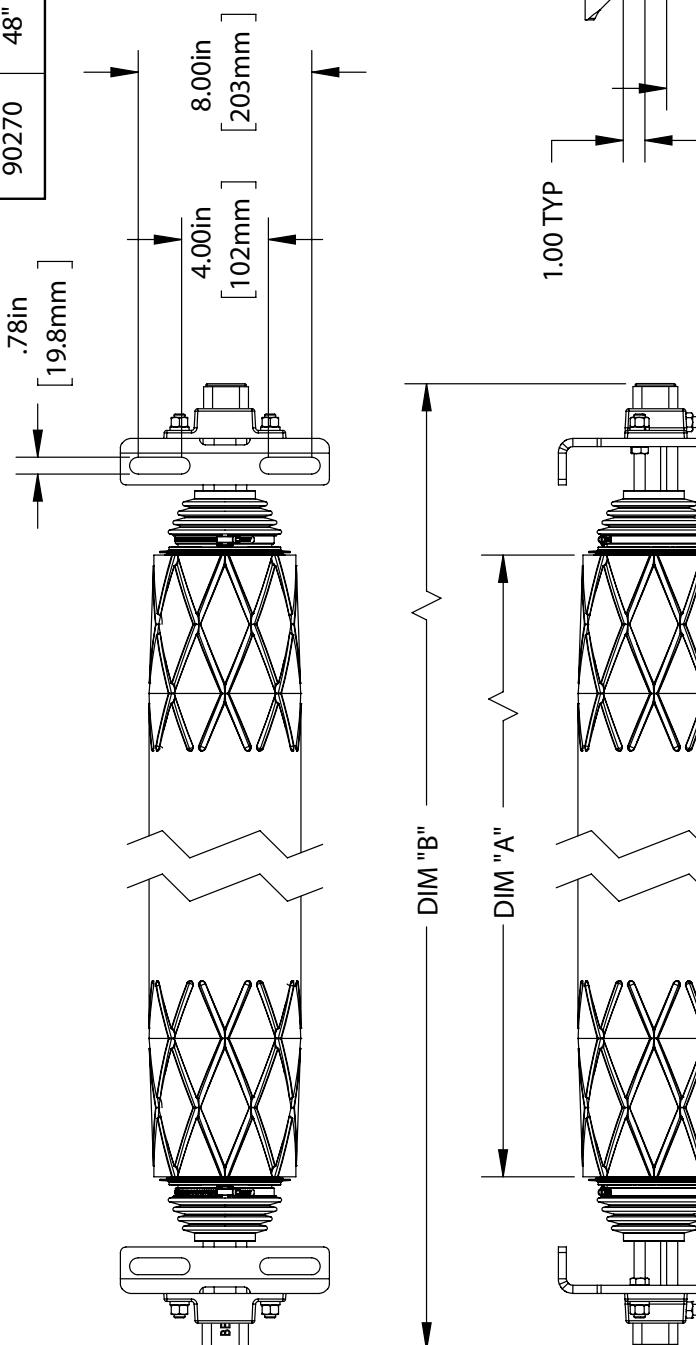
\*Bracket set for 1 roller



# Specifications & Guidelines

PTEZ™  
Belt Trainer

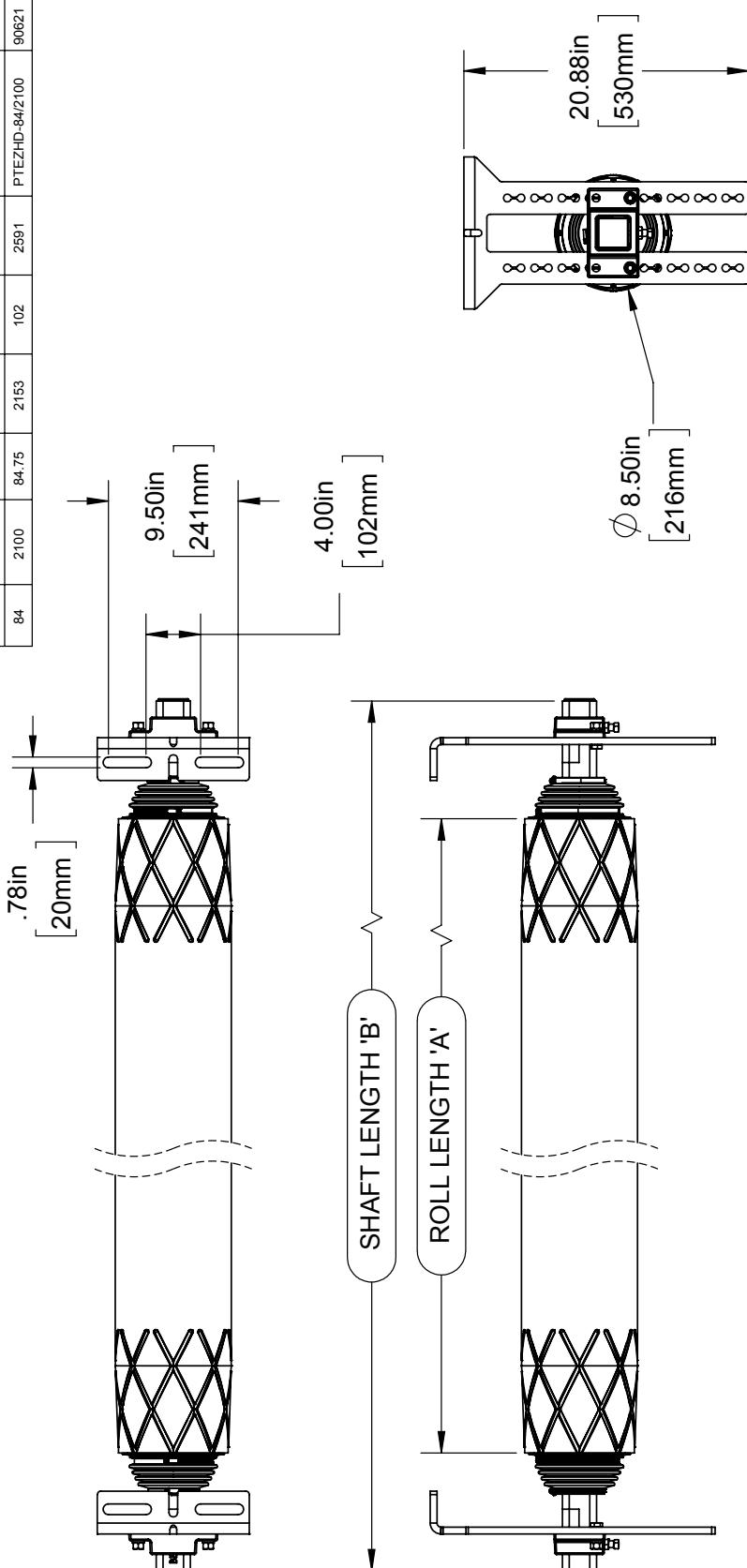
PART NUMBER	BELT WIDTH	DIM "A"	DIM "B"
90265	18"	18.75" [476mm]	36" [914mm]
90266	24"	24.75" [629mm]	42" [1067mm]
90267	30"	30.75" [781mm]	48" [1219mm]
90268	36"	36.75" [933mm]	54" [1372mm]
90269	42"	42.75 [1086mm]	60" [1524mm]
90270	48"	48.75 [1238mm]	66" [1676mm]



# Specifications & Guidelines

**HD PTEZ™**  
*Belt Trainer*

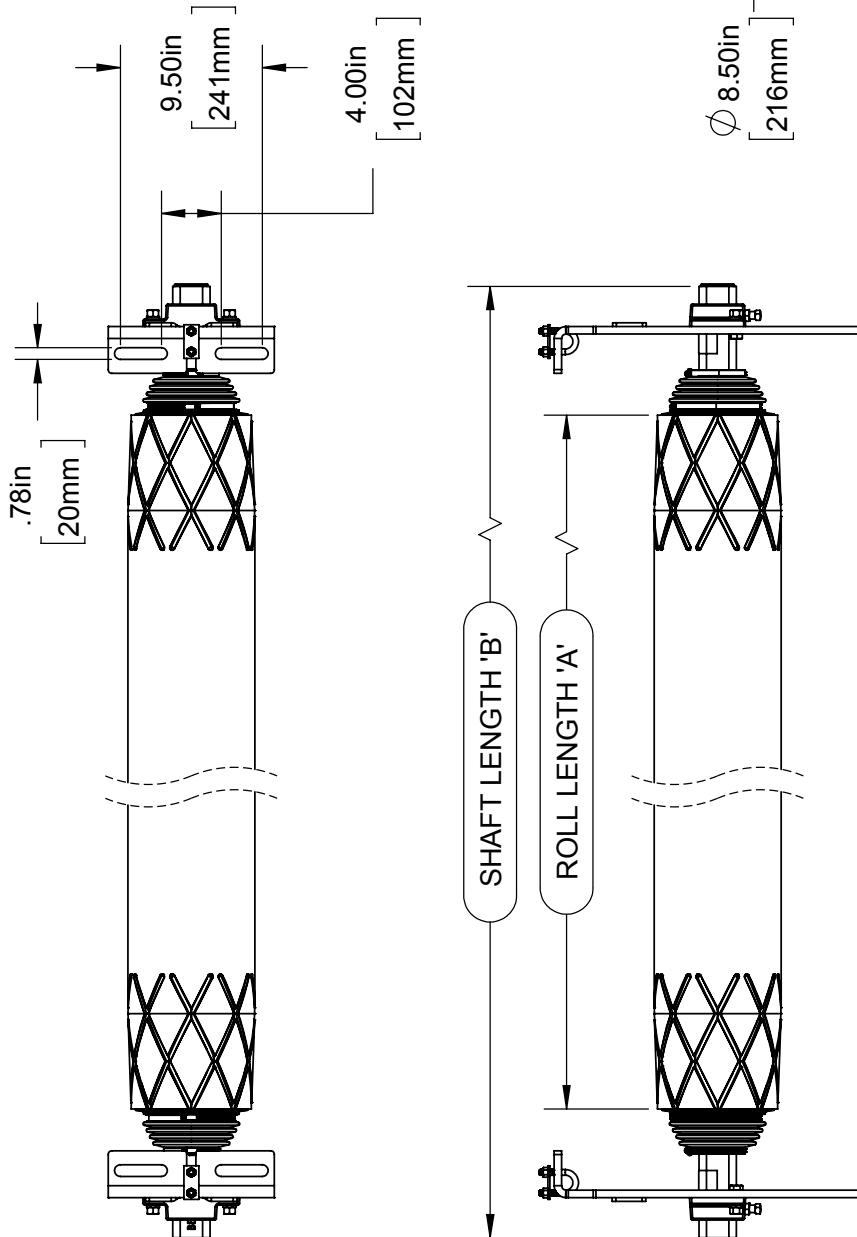
SPECIFICATIONS					
BELT WIDTH (in)	ROLL LENGTH 'A' (in)	SHAFT LENGTH 'B' (mm)	ORDERING NUMBER	ITEM CODE	
42	1050	42.75	1086	60	PTEZHD-42/1050 90616
48	1200	48.75	1238	66	PTEZHD-48/1200 90617
54	1350	54.75	1391	72	PTEZHD-54/1350 90618
56	1400	56.75	1441	74	PTEZHD-56/1400 90795
60	1500	60.75	1543	78	PTEZHD-60/1500 90619
64	1600	64.75	1645	82	PTEZHD-64/1600 90796
72	1800	72.75	1848	90	PTEZHD-72/1800 90620
80	2000	80.75	2051	98	PTEZHD-80/2000 90797
84	2100	84.75	2153	102	PTEZHD-84/2100 90621



# Specifications & Guidelines

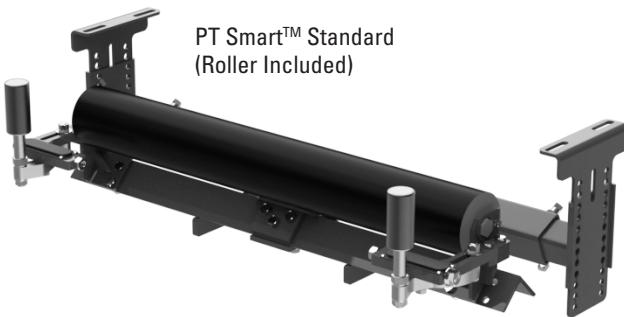
**HD PTEZ™ Underground Belt Trainer**

SPECIFICATIONS					
BELT WIDTH (in)	ROLL LENGTH 'A' (mm)	ROLL LENGTH 'B' (in)	SHAFT LENGTH 'B' (mm)	ORDERING NUMBER	ITEM CODE
42	1050	42.75	1086	60	1524 PTEZHD-42/1050-UG 90798
48	1200	48.75	1238	66	1676 PTEZHD-48/1200-UG 90799
54	1350	54.75	1391	72	1829 PTEZHD-54/1350-UG 90800
60	1500	60.75	1543	78	1981 PTEZHD-60/1500-UG 90801
72	1800	72.75	1848	90	2286 PTEZHD-72/1800-UG 90802



# Product Ordering Information

**PT Smart™**  
**Belt Trainer**

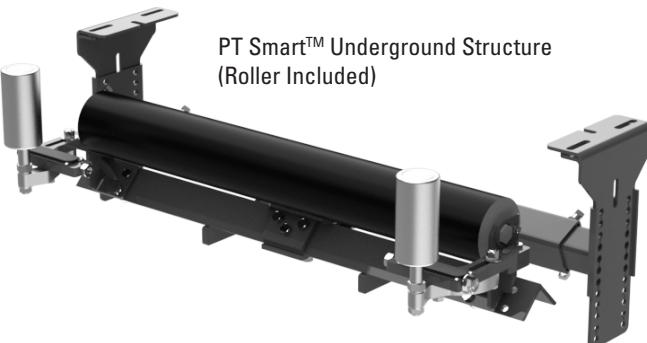


PT Smart™ Standard  
(Roller Included)

## 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  
(Roller Included)

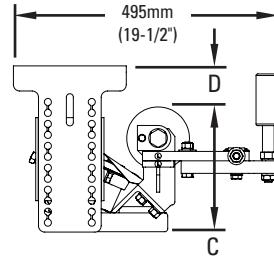
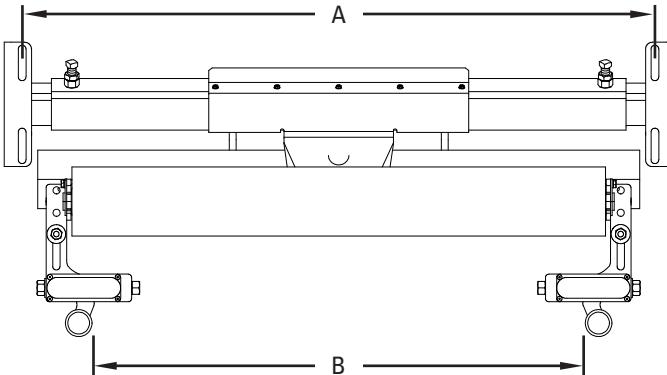
## PT Smart™ Underground Structure Belt Trainer

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

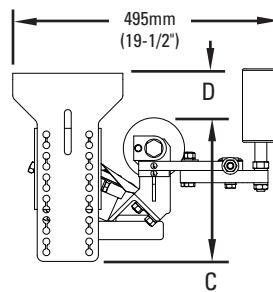
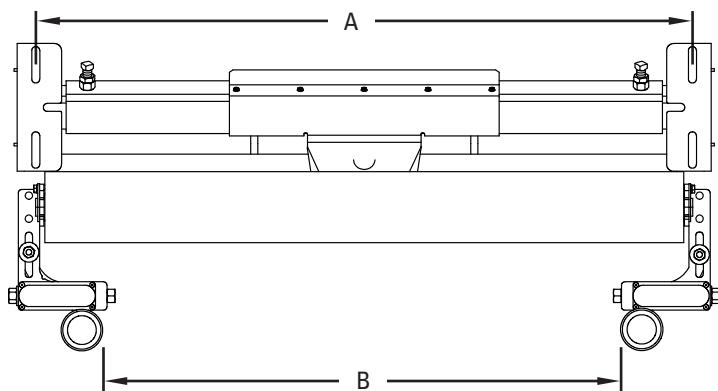
# Specifications & Guidelines

**PT Smart  
Belt Trainer**



**PT Smart™ Standard**

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

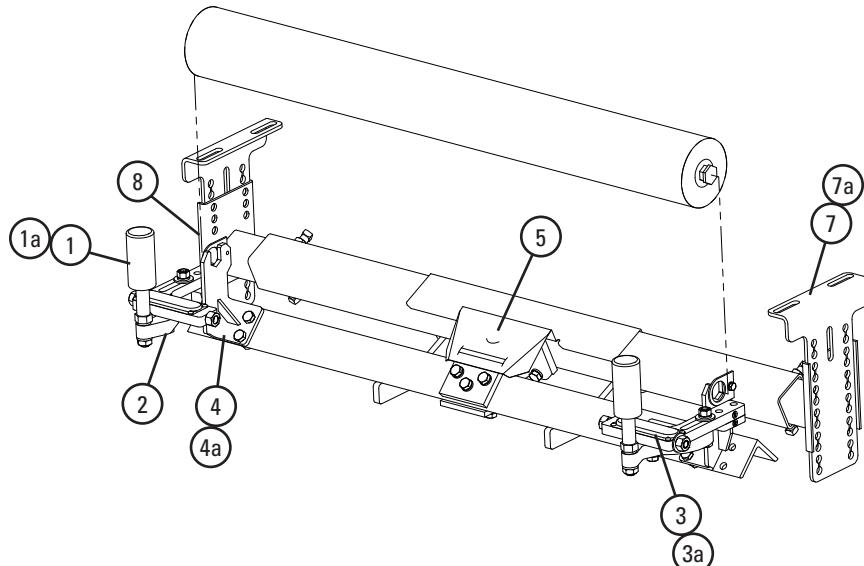


**PT Smart™ Underground Structure**

Belt Width		Item Code	A		B		C		D (vertical adjustment)	
mm	in.		mm	in.	mm	in.	mm	in.	mm	in.
750	30	77673	875-1175	35-47	675-1000	27-40	250	10	695-331	2-3/4-13-1/4
900	36		1025-1325	41-53	825-1150	33-46				
1050	42		1175-1475	47-59	975-1300	39-52				
1200	48		1325-1625	53-65	1125-1450	45-58				
1350	54		1475-1775	59-71	1275-1600	51-64				
1500	60		1625-1925	65-77	1425-1750	57-70				
1800	72		1925-2225	77-89	1725-2050	69-82				

# Replacement Parts List

**PT Smart  
Belt Trainer**

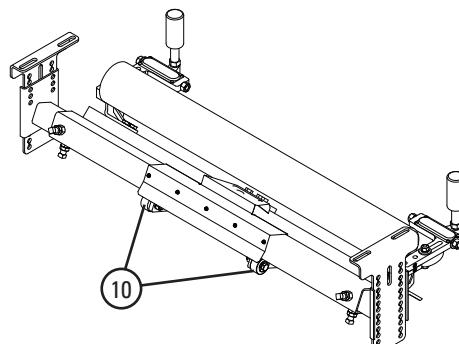
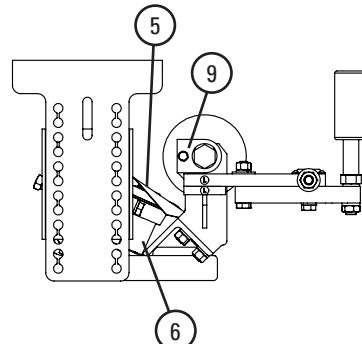


## Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	PTS STD Sensor Roller 50mm (2")	PTS-SR	77691	1.6
1a	PTS HD Sensor Roller 75mm (3")	PTS-HDSR	77692	5.4
-	Optional PTS STD Adjustable Sensor Roller 50mm (2")	PTS-ASR	93089	1.6
-	Optional PTS HD Adjustable Sensor Roller 75mm (3")	PTS-AHDSR	93090	5.4
2	PTS Sensor Arm Kit (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)	PTS-DRK	90100	0.7
-	Wire Mount Kit	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

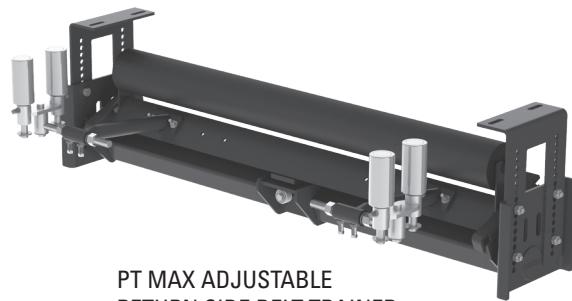
VERSION	BELT WIDTH		ITEM CODE	WT. KG.
	in.	mm		
Standard	36	900	PTMA36T	161.0
	42	1050	PTMA42T	170.1
	48	1200	PTMA48T	183.7
	54	1350	PTMA54T	192.8
	60	1500	PTMA60T	201.8
Heavy-Duty	54	1350	PTMAHD54T	229.0
	60	1500	PTMAHD60T	240.4
	72	1800	PTMAHD72T	276.7
	84	2100	PTMAHD84T	303.9



PT MAX™ ADJUSTABLE TOP SIDE BELT TRAINER

## PT Max Adjustable Return Side

VERSION	BELT WIDTH		ITEM CODE	WT. KG.
	in.	mm		
Standard	36	900	PTMA36R	154.2
	42	1050	PTMA42R	170.1
	48	1200	PTMA48R	179.2
	54	1350	PTMA54R	188.2
	60	1500	PTMA60R	195.0
Heavy-Duty	54	1350	PTMAHD54R	235.9
	60	1500	PTMAHD60R	244.9
	72	1800	PTMAHD72R	279.0
	84	2100	PTMAHD84R	301.6



PT MAX ADJUSTABLE RETURN SIDE BELT TRAINER

## PT Max Adjustable V-Return

VERSION	BELT WIDTH		ITEM CODE	WT. KG.
	in.	mm		
Standard	36	900	PTMA36VR	195.0
	42	1050	PTMA42VR	204.1
	48	1200	PTMA48VR	215.5
	54	1350	PTMA54VR	224.6
	60	1500	PTMA60VR	235.9
Heavy-Duty	54	1350	PTMAHD54VR	276.7
	60	1500	PTMAHD60VR	288.0
	72	1800	PTMAHD72VR	328.9
	84	2100	PTMAHD84VR	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

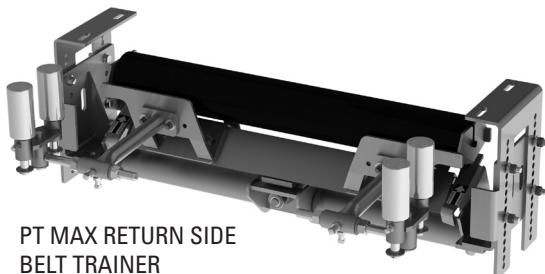
VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
	mm	in.			
Standard	600	24	PTM24T-S/S	90001	137.2
	750	30	PTM30T-S/S	90002	144.5
	900	36	PTM36T-S/S	90003	151.9
	1050	42	PTM42T-S/S	90004	159.2
	1200	48	PTM48T-S/S	90005	166.6
	1350	54	PTM54T-S/S	90006	173.9
Heavy-Duty	1500	60	PTM60T-S/S	90007	181.3
	1350	54	PTMHD54T-S/S	90008	191.1
	1500	60	PTMHD60T-S/S	90009	200.9
	1800	72	PTMHD72T-S/S	90010	210.6
Super-Duty	2100	84	PTMHD84T-S/S	90011	220.4
	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

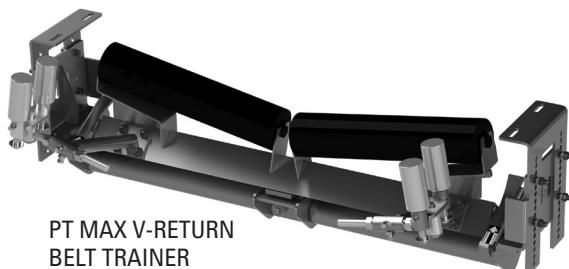
VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. KG.
	mm	in.			
Standard	600	24	PTM24R-S/S	90012	161.7
	750	30	PTM30R-S/S	90013	166.6
	900	36	PTM36R-S/S	90014	171.5
	1050	42	PTM42R-S/S	90015	181.3
	1200	48	PTM48R-S/S	90016	186.2
	1350	54	PTM54R-S/S	90017	196.0
Heavy-Duty	1500	60	PTM60R-S/S	90018	205.7
	1350	54	PTMHD54R-S/S	90019	249.8
	1500	60	PTMHD60R-S/S	90020	254.7
	1800	72	PTMHD72R-S/S	90021	284.1
Super-Duty	2100	84	PTMHD84R-S/S	90022	298.8
	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. KG.
	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
Heavy-Duty	1500	60	PTM60VR-S/S	90029	191.1
	1350	54	PTMHD54VR-S/S	90030	230.2
	1500	60	PTMHD60VR-S/S	90031	235.1
	1800	72	PTMHD72VR-S/S	90032	274.3
Super-Duty	2100	84	PTMHD84VR-S/S	90033	293.9
	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)

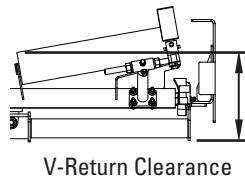
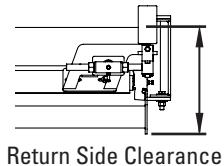
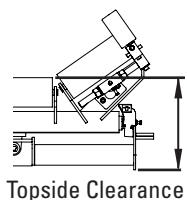
All items are made to order.  
Lead time: 25 working days (after data sheets are approved)

# Specifications & Guidelines

**PT Max**  
**Belt Trainer**

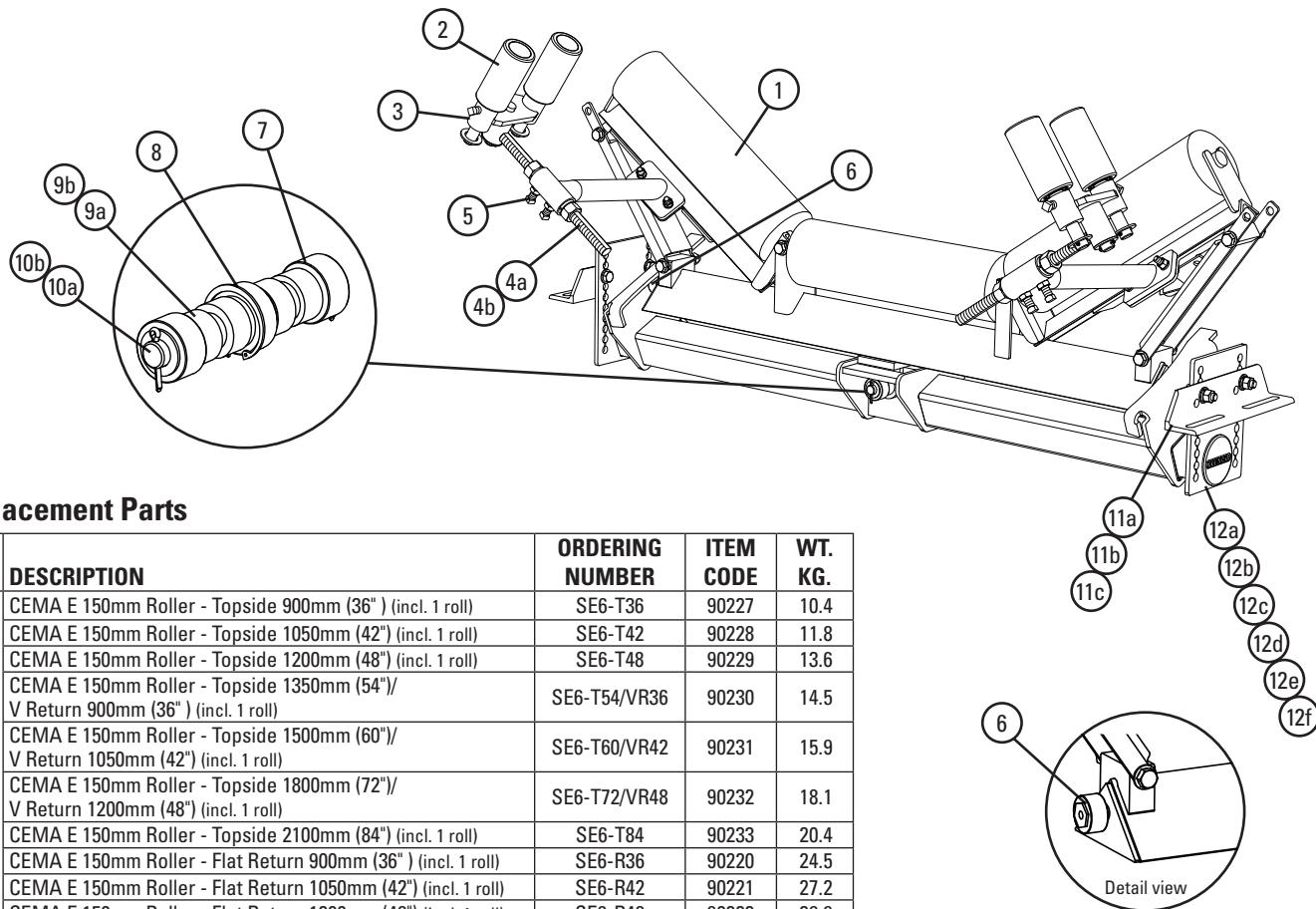
## Top of Roller to Bottom of PT Max Minimum Clearance Needed

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



# Replacement Parts List

**PT Max™ Adjustable  
Belt Trainer**



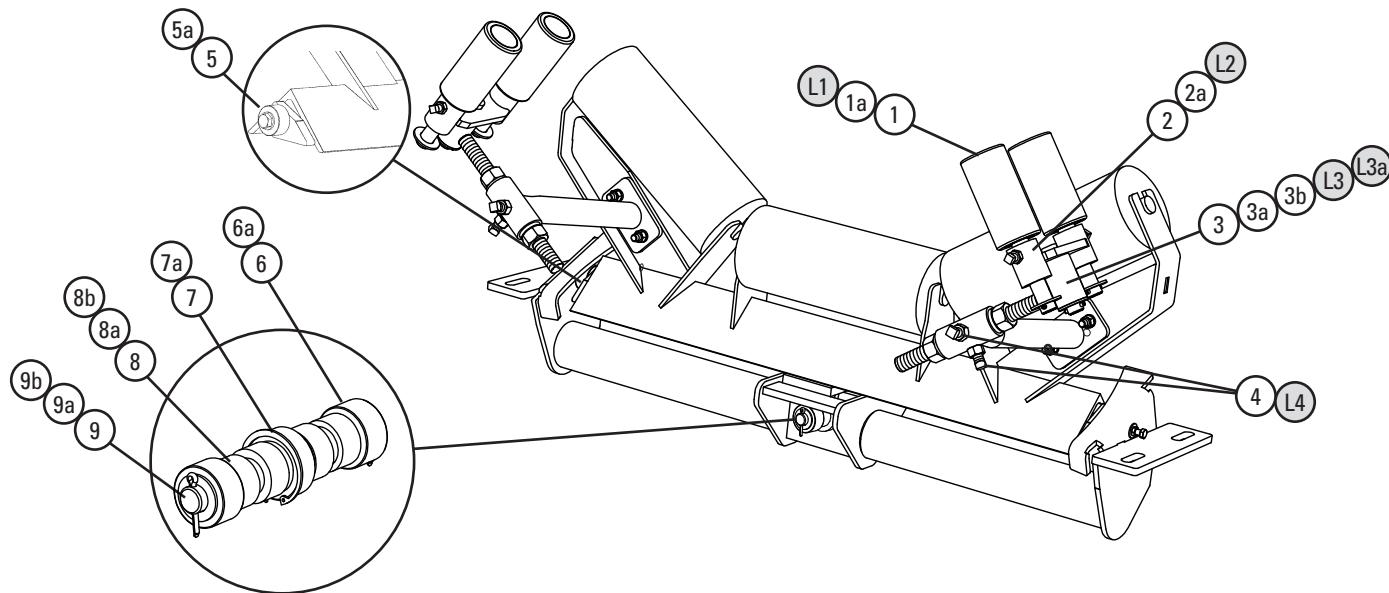
## Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
1	CEMA E 150mm Roller - Topside 900mm (36") (incl. 1 roll)	SE6-T36	90227	10.4
	CEMA E 150mm Roller - Topside 1050mm (42") (incl. 1 roll)	SE6-T42	90228	11.8
	CEMA E 150mm Roller - Topside 1200mm (48") (incl. 1 roll)	SE6-T48	90229	13.6
	CEMA E 150mm Roller - Topside 1350mm (54")/ V Return 900mm (36") (incl. 1 roll)	SE6-T54/VR36	90230	14.5
	CEMA E 150mm Roller - Topside 1500mm (60")/ V Return 1050mm (42") (incl. 1 roll)	SE6-T60/VR42	90231	15.9
	CEMA E 150mm Roller - Topside 1800mm (72")/ V Return 1200mm (48") (incl. 1 roll)	SE6-T72/VR48	90232	18.1
	CEMA E 150mm Roller - Topside 2100mm (84") (incl. 1 roll)	SE6-T84	90233	20.4
	CEMA E 150mm Roller - Flat Return 900mm (36") (incl. 1 roll)	SE6-R36	90220	24.5
	CEMA E 150mm Roller - Flat Return 1050mm (42") (incl. 1 roll)	SE6-R42	90221	27.2
	CEMA E 150mm Roller - Flat Return 1200mm (48") (incl. 1 roll)	SE6-R48	90222	29.9
	CEMA E 150mm Roller - Flat Return 1350mm (54") (incl. 1 roll)	SE6-R54	90223	32.7
	CEMA E 150mm Roller - Flat Return 1500mm (60") (incl. 1 roll)	SE6-R60	90224	35.4
	CEMA E 150mm Roller - Flat Return 1800mm (72") (incl. 1 roll)	SE6-R72	90225	40.8
	CEMA E 150mm Roller - Flat Return 2100mm (84") (incl. 1 roll)	SE6-R84	90226	46.3
	CEMA E 150mm Roller - V Return 1350mm (54") (incl. 1 roll)	SE6-VR54	90234	19.5
	CEMA E 150mm Roller - V Return 1500mm (60") (incl. 1 roll)	SE6-VR60	90235	21.3
	CEMA E 150mm Roller - V Return 1800mm (72") (incl. 1 roll)	SE6-VR72	90236	24.5
	CEMA E 150mm Roller - 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
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	PMSMKS	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

Lead time: 1 working day

Note: All replacement parts offered are common to all three PT Max models:

Top Side, Return Side, and V-Return.

Shaded items are made to order.

Lead time: 15 working days

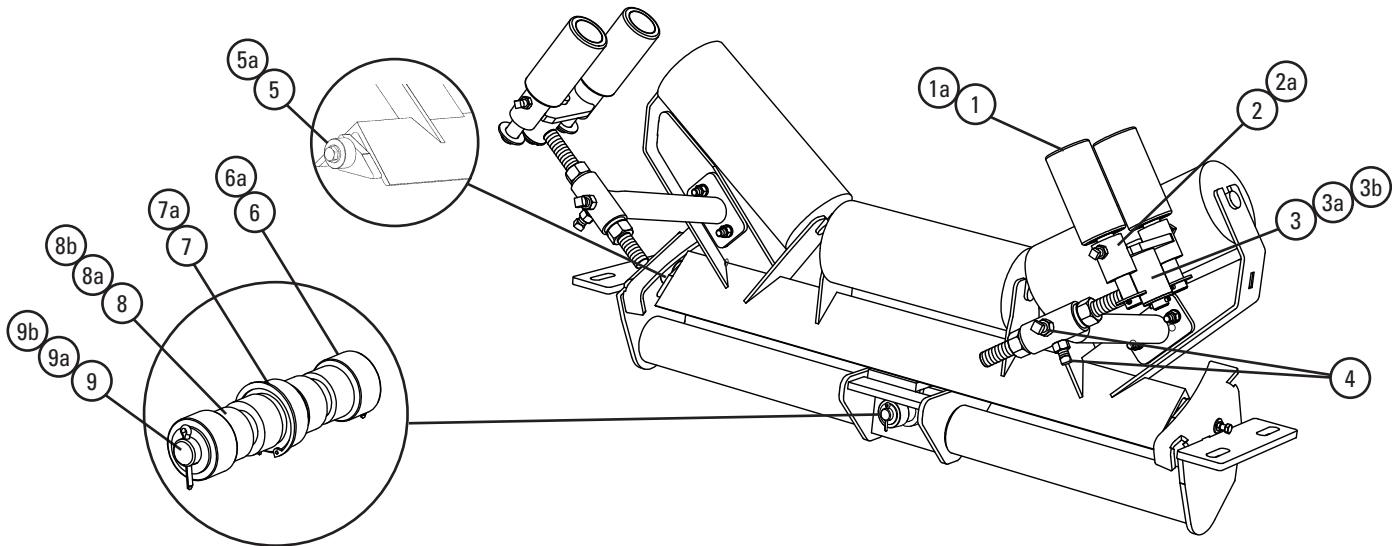
## Legacy Replacement Parts - For PT Max Units Shipped Prior to March 17, 2014

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	PMSMKS/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

Lead time: 1 working day

Note: All replacement parts offered are common to all three PT Max models: Top Side, Return Side, and V-Return.

Shaded items are made to order.

Lead time: 15 working days

# 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-8X1X50	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-12X3/4X50	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 to 82°C (-20 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

Lead time: 1 working day



PAL PAK (Standard)

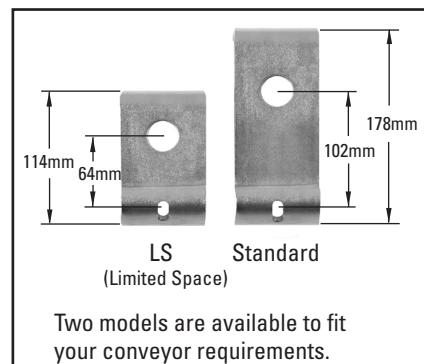


Bolt-On PAL PAK  
(Standard)

## 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



Two models are available to fit  
your conveyor requirements.

## 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

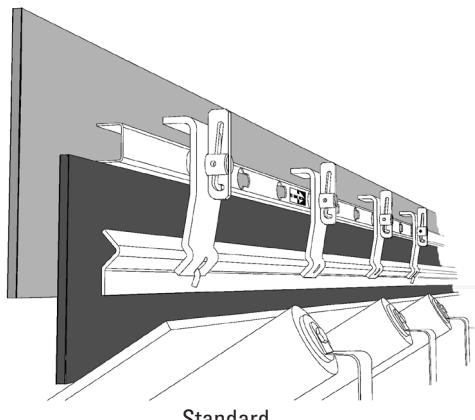
One Skirt Clamp includes one 2M (6.6') clamp runner, 4 clamp plates, 4 clamp pins and one 2M (6.6') restraining bar. Skirt board and rubber not included.

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. KG.
Skirt Clamp	FLSC-I	71053	14.1
Skirt Clamp Bulk ‡	FLSC-I-BULK	71054	14.1
<b>REPLACEMENT PARTS</b>			
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

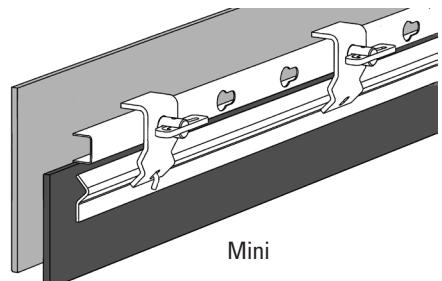
‡ Minimum order of 50 pieces for Bulk Pack pricing.

Skirt Rubber Thickness Range: 8 - 25mm (5/16" - 1")

Lead time: 1 working day



Standard



Mini

## 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
<b>REPLACEMENT PARTS</b>			
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

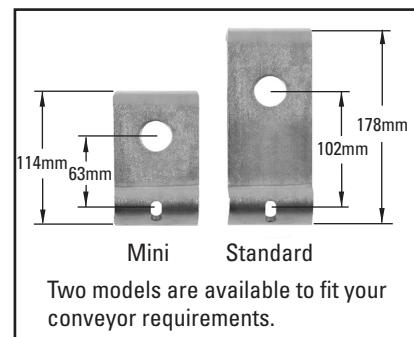
Shaded items are made to order.  
Lead time: 5 working days

## 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
<b>REPLACEMENT PARTS</b>			
SS Clamp Plate	FL-PC-ISS	71168	0.9
Clamp Pin	FL-CP-ISS	71164	0.9

Lead time: 1 working day



Two models are available to fit your conveyor requirements.



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:
- Check to insure wedges in clamp pins are locked.
  - 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.

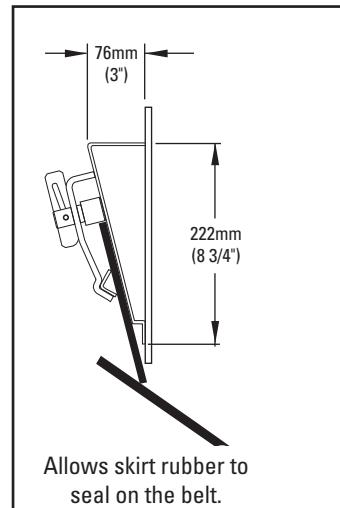
Lead time: 1 working day



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**

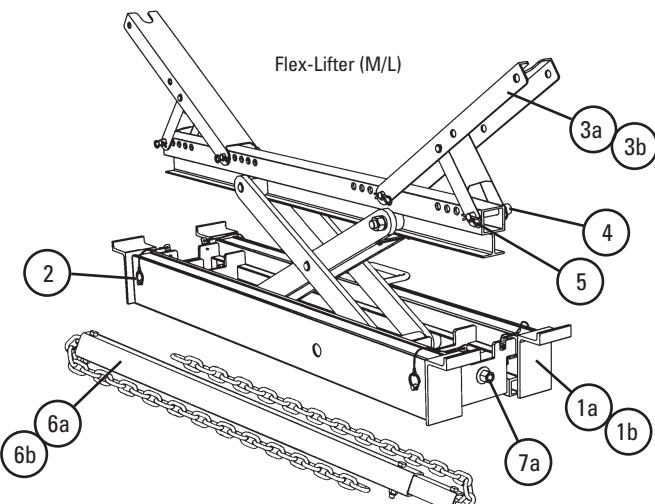
## Flex-Lifter™ Conveyor Belt Lifter

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

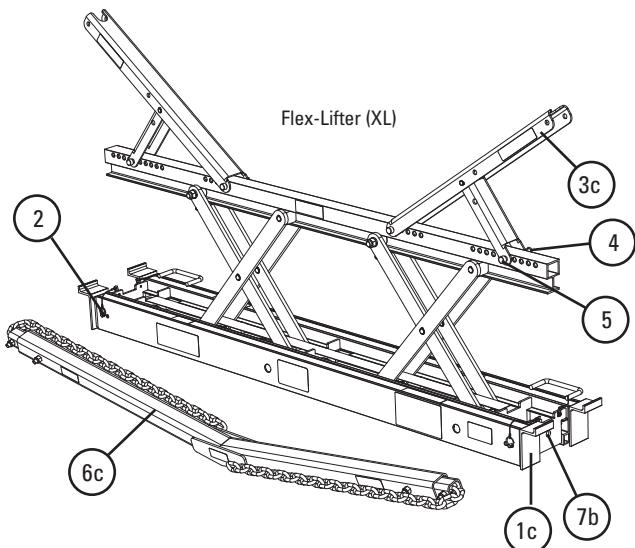
Lifts troughed or flat belts.

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)	FLTW-M	76476	0.5
3b	Trough Wing - Large (with brace)	FLTW-L	76477	0.7
3c	Trough Wing - XL (with brace)	FLTW-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

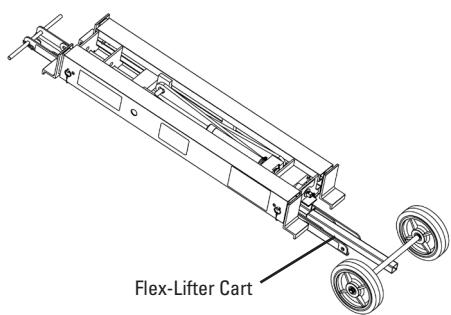


## Safe Lifting Capacity

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

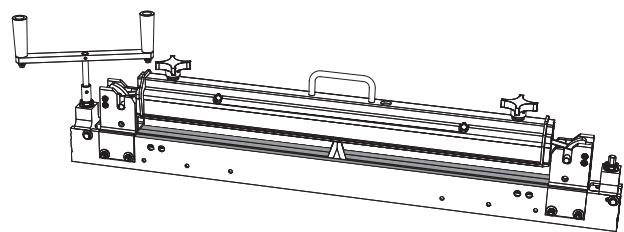
# Product Ordering Information

## 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
	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



### Aluminum Content - 900 Series Belt Cutter

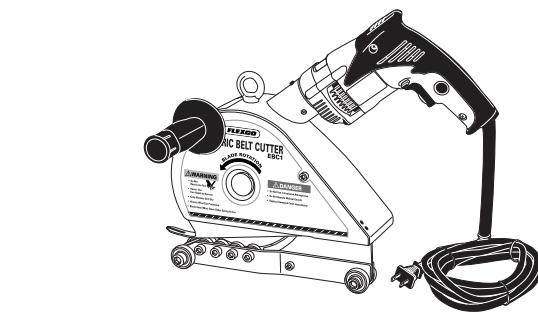
ALUMINUM ALLOY TYPE	PERCENT	
	Mg Magnesium	Ti Titanium
6005	0.6%	0.1%
6061	1.0%	0.0%
7075	2.5%	0.0%

### 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



### Cutting Capacity

BELT TYPE	EBC1/CEBC1	EBC2/CEBC2
Rubber	Up to 25 mm (1")	Up to 50 mm (2")
PVC	Up to 630 kN/m (360 PIW)	Up to 2000 kN/m (1140 PIW)

### Far-Pul® HD® Belt Clamps

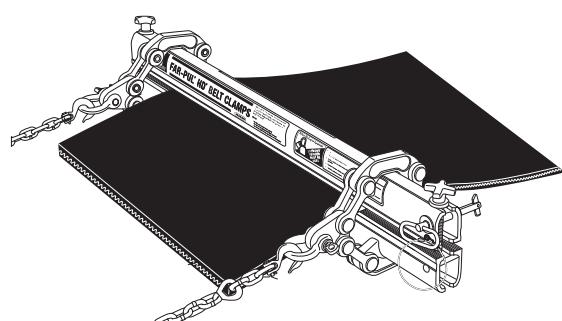
Load Capacity up to 2.7 metric tons (3 tons) when used with two 1.4 metric tons (1-1/2 tons) come-alongs.

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			LSDLP	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 - 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

## 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, **D** - Diamond Ceramic, **LD** - Light Duty

Shaded items are made to order. Lead time: 8 -10 weeks

## Specifications:

- Temperature Rating ..... -15 to 85°C (5 to 185°F)
- Rubber Compound..... SBR (Styrene-Butadiene-Rubber)
- Rubber Hardness..... 68 ± 3 Shore A
- Ceramic Compound  
(Diamond Ceramic Lagging) ..... Aluminum Oxide ( $Al_2O_3$ )
- Ceramic Hardness  
(Diamond Ceramic Lagging) ..... 83 HRA Rockwell Hardness Scale A

\* 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.

Light Duty Lagging



Diamond Ceramic Lagging



Diamond Grooved Lagging



Plain Grooved Lagging



## Strip Selection Chart

Pulley Diameter mm	Strips Req'd	Pulley Diameter in. mm		Strips Req'd
		in.	mm	
320–381	12.6–15.0	6	42.6–45.0	1083–1145
382–445	15.1–17.5	7	45.1–47.5	1146–1210
446–510	17.6–20.0	8	47.6–50.1	1211–1273
511–573	20.1–22.5	9	50.2–52.6	1274–1336
574–636	22.6–25.0	10	52.7–55.1	1337–1400
637–700	25.1–27.5	11	55.2–57.6	1403–1463
701–764	27.6–30.0	12	57.7–60.1	1466–1527
765–827	30.1–32.5	13	60.2–62.6	1529–1590
828–891	32.6–35.0	14	62.7–65.1	1593–1654
892–955	35.1–37.5	15	65.2–67.6	1656–1717
956–1018	37.6–40.0	16	67.7–70.1	1720–1781
1019–1082	40.1–42.5	17	70.2–72.6	1783–1844

# 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.	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.	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

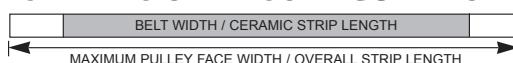
### Specifications:

- Temperature Rating ..... -15 to 85°C (5 to 185°F)
- Rubber Compound..... SBR (Styrene-Butadiene-Rubber)
- Rubber Hardness..... 68 ± 3 Shore A
- Ceramic Compound..... Aluminum Oxide ( $\text{Al}_2\text{O}_3$ )
- Ceramic Hardness..... 83 HRA Rockwell Hardness Scale A
- Ceramic Coverage..... 39%, strips are 200mm (8") wide

### 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.

### CERAMIC STRIP CONFIGURATION



### Strip Selection

PULLEY DIAMETER	Strips Req'd	PULLEY DIAMETER		Strips Req'd
		in.	mm	
320–381	6	12.6–15.0	320–381	18
382–445	7	15.1–17.5	382–445	19
446–510	8	17.6–20.0	446–510	20
511–573	9	20.1–22.5	511–573	21
574–636	10	22.6–25.0	574–636	22
637–700	11	25.1–27.5	637–700	23
701–764	12	27.6–30.0	701–764	24
765–827	13	30.1–32.5	765–827	25
828–891	14	32.6–35.0	828–891	26
892–955	15	35.1–37.5	892–955	27
956–1018	16	37.6–40.0	956–1018	28
1019–1082	17	40.1–42.5	1019–1082	29

# 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.	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.	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

## Special Offerings

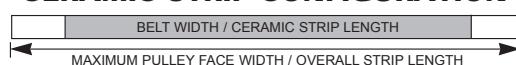
LAGGING THICKNESS	PRICE COMPARED TO NATURAL RUBBER
15mm (5/8")	+5%
20mm (3/4")	+7 1/2%
25mm (1")	+15%



## Specifications:

- Temperature Rating ..... -15 to 85°C (5 to 185°F)
- Rubber Compound..... SBR (Styrene-Butadiene-Rubber)
- Rubber Hardness..... 68 ± 3 Shore A
- Ceramic Compound..... Aluminum Oxide ( $Al_2O_3$ )
- Ceramic Hardness..... 83 HRA Rockwell Hardness Scale A
- Ceramic Coverage..... 80%, strips are 200mm (8") wide

## CERAMIC STRIP CONFIGURATION



## Strip Selection Chart

Pulley Diameter	Strips Req'd	Pulley Diameter		Strips Req'd
		in.	mm	
320–381	12.6–15.0	6	42.6–45.0	1083–1145
382–445	15.1–17.5	7	45.1–47.5	1146–1210
446–510	17.6–20.0	8	47.6–50.1	1211–1273
511–573	20.1–22.5	9	50.2–52.6	1274–1336
574–636	22.6–25.0	10	52.7–55.1	1337–1400
637–700	25.1–27.5	11	55.2–57.6	1403–1463
701–764	27.6–30.0	12	57.7–60.1	1466–1527
765–827	30.1–32.5	13	60.2–62.6	1529–1590
828–891	32.6–35.0	14	62.7–65.1	1593–1654
892–955	35.1–37.5	15	65.2–67.6	1656–1717
956–1018	37.6–40.0	16	67.7–70.1	1720–1781
1019–1082	40.1–42.5	17	70.2–72.6	1783–1844

# 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)

Pulley Diameter	mm	Face Width																				
		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
203	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	
305	12	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	
406	16	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	5	5	
508	20	2	2	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	
610	24	2	2	2	2	2	3	3	3	4	4	4	4	5	5	5	5	6	6	7	7	
711	28	2	2	2	2	3	3	3	4	4	5	5	5	6	6	6	7	7	8	8	8	
813	32	2	2	2	3	3	4	4	4	5	5	6	6	6	7	7	8	8	9	9	10	
914	36	2	2	3	3	3	4	4	4	5	5	6	6	7	8	8	8	9	9	10	11	
1016	40	2	2	3	3	4	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	
1118	44	2	2	3	4	4	5	5	6	6	7	7	8	9	9	10	10	11	11	12	12	
1219	48	2	3	3	4	4	5	6	6	7	8	9	9	10	10	11	11	12	12	13	13	
1321	52	2	3	3	4	5	5	6	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	
1524	60	2	3	4	5	5	6	7	8	8	9	10	11	11	12	13	14	14	15	16	17	

## PRIMER .75L

Pulley Diameter	mm	Face Width																				
		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
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	1	2	
1016	40	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	
1118	44	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	
1219	48	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	
1321	52	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	
1422	56	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	
1524	60	1	1	1	1	1	1	1	1	1	1	1	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 buffering disc
- Grinder
- Metal grinding disc
- Oscillating tool and accessories



# Product Ordering Information

**Flex-Lag® Weld-On™**  
**Diamond 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



## 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

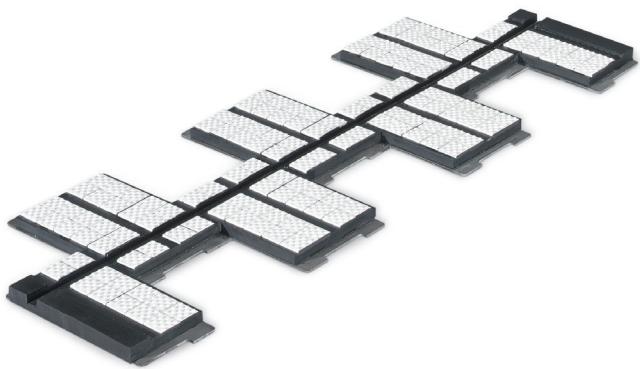
FRAS (Fire Resistant Anti Static) MSHA Certification # - MSHA NO. IC-190

# Product Ordering Information

**Flex-Lag® Weld-On™**  
**Full 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



## 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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A1636	CLFR1360/54.4-12	216	62053	CLMN600/24-15S	215	71141	FL-CP-I	210	73064	HSA8LL	70
04140		213	62054	CLMN750/30-15S	215	71141	FL-CP-I	210	73064	HSA8LL	72
04143	900936	213	62055	CLMN900/36-15S	215	71144	WCLN48-30	219	73064	HSA8LL	74
04144	900948	213	62056	CLMN1050/42-15S	215	71145	WCLN54-30	219	73064	HSA8LL	140
04145	900960	213	62057	CLMN1200/48-15S	215	71146	WCLN60-30	219	73156	PSA150	88
04146	900972	213	62058	CLMN1350/54-15S	215	71147	WCLN72-30	219	73156	PSA150	91
04147	900984	213	62059	CLMN1500/60-15S	215	71149	WCLN54-16	219	73156	PSA150	108
04149	900CBK	213	62060	CLMN1800/72-15S	215	71150	WCLN24-30	219	73156	PSA150	111
04200	900924	213	62061	CLMN2100/84-15S	215	71151	WCLN72-16	219	73163	RBPRET	193
26184	NI6D3T-24-9-A45	167	62063	CLMFR450/18-15S	215	71152	25ND6.5/21	214	73163	RBPRET	200
26184	NI6D3T-24-9-A45	176	62064	CLMFR600/24-15S	215	71155	12NDC6.5/21	214	73190	VBK-XS	157
26185	NI6D3T-30-11-A45	167	62065	CLMFR750/30-15S	215	71159	12FRDC6.5/21	214	73190	VBK-XS	160
26185	NI6D3T-30-11-A45	176	62066	CLMFR900/36-15S	215	71163	25NP6.5/21	214	73191	VBK-S	157
26186	NI6D3T-36-13-A45	167	62067	CLMFR1050/42-15S	215	71164	FL-CP-ISS	210	73191	VBK-S	160
26186	NI6D3T-36-13-A45	176	62068	CLMFR1200/48-15S	215	71165	WCLN60-16	219	73192	VBK-M	157
26187	NI6D3T-42-15-A45	167	62069	CLMFR1350/54-15S	215	71168	FL-PC-ISS	210	73192	VBK-M	160
26187	NI6D3T-42-15-A45	176	62070	CLMFR1500/60-15S	215	72129	20FRP6.5/21	214	73193	VBK-L	157
26188	NI6D3T-48-17-A45	167	62071	CLMFR1800/72-15S	215	72169	WND18-16	218	73193	VBK-L	160
26188	NI6D3T-48-17-A45	176	62072	CLMFR2100/84-15S	215	72170	WND18-30	218	73399	VMBK	160
26189	NI6D3T-54-19-A45	167	62216	CLMN6.5/21-15	214	72171	WND24-16	218	73400	VPXS	160
26189	NI6D3T-54-19-A45	176	70186	FL-ACT	217	72172	WND24-30	218	73408	VPS	160
26190	NI6D3T-60-21-A45	167	70189	FL-PR-0.75	217	72173	WND30-16	218	73409	VPM	160
26190	NI6D3T-60-21-A45	176	71002	10ND6.5/21	214	72174	WND30-30	218	73410	VPL	160
26191	NI6D3T-72-25-A45	167	71004	12ND6.5/21	214	72175	WND36-16	218	73438	PV72	88
26191	NI6D3T-72-25-A45	176	71005	CLFR1200/48-12	216	72176	WND36-30	218	73533	VCS	160
30001	EBC1	213	71006	15ND6.5/21	214	72177	WND42-16	218	73535	VMFXS	160
30002	EBC2	213	71008	20ND6.5/21	214	72178	WND42-30	218	73549	VMFS	160
30003	EBC1-B	213	71009	CLFR1520/60.8-12	216	72179	WND48-16	218	73626	PHA	91
30004	EBC2-B	213	71010	10NP6.5/21	214	72180	WND48-30	218	73626	PHA	111
30005	EBC1-DR	213	71012	12NP6.5/21	214	72181	WND54-16	218	73628	RSA150	92
30006	EBC2-DR	213	71014	10FRD6.5/21	214	72182	WND54-30	218	73628	RSA150	94
30007	EBC-EB	213	71015	15FRP6.5/21	214	72183	WND60-16	218	73628	RSA150	95
30008	EBC-H	213	71016	12FRD6.5/21	214	72184	WND60-30	218	73628	RSA150	97
30018	CEBC1	213	71017	15NP6.5/21	214	72185	WND72-16	218	73628	RSA150	98
30019	CEBC2	213	71018	15FRD6.5/21	214	72186	WND72-30	218	73628	RSA150	99
30373	LSHDCBS	213	71019	20FRD6.5/21	214	72187	WFRD18-16	218	73628	RSA150	100
30390	LSHD-RPK	213	71020	10FRP6.5/21	214	72188	WFIRD18-30	218	73628	RSA150	101
30392	LSHDS	213	71021	20NP6.5/21	214	72189	WFIRD24-16	218	73628	RSA150	105
30393	LSHD30	213	71022	12FRP6.5/21	214	72190	WFIRD24-30	218	73628	RSA150	107
30394	LSHD36	213	71039	CLN1200/48-12	216	72191	WFIRD30-16	218	73628	RSA150	112
30395	LSHD42	213	71042	CLN1800/72-12	216	72192	WFIRD30-30	218	73628	RSA150	115
30396	LSHD48	213	71044	CLN2100/84-12	216	72193	WFIRD36-16	218	73628	RSA150	116
30397	LSHD54	213	71053	FLSC-I	210	72194	WFIRD36-30	218	73628	RSA150	119
30398	LSHD60	213	71054	FLSC-I-BULK	210	72195	WFIRD42-16	218	73631	HVPT	72
30399	LSHD72	213	71055	FLSCM-I	210	72196	WFIRD42-30	218	73631	HVPT	74
30400	LSHDLR	213	71058	FL-RPI	210	72197	WFIRD48-16	218	73631	HVPT	140
30408	LSHDB72-2	213	71059	FL-RPI	210	72198	WFIRD48-30	218	74037	VMFM	160
30414	LSHDB36-2	213	71060	FL-RBI	210	72199	WFIRD54-16	218	74038	VMFL	160
30418	LSHDB30-2	213	71061	FL-RBI	210	72200	WFIRD54-30	218	74100	HW-BC	139
30421	LSHDB42-2	213	71077	7.5NLD3.3/11	214	72201	WFIRD60-16	218	74141	HTTS	139
30423	LSHDB48-2	213	71079	CLFR1800/72-12	216	72202	WFIRD60-30	218	74307	HXF8SS	68
30424	LSHDB54-2	213	71082	CLFR2100/84-12	216	72203	WFIRD72-16	218	74307	HXF8SS	140
30430	LSHDB60-2	213	71100	FLSCM-I-BULK	210	72204	WFIRD72-30	218	74313	STKHSS	140
61294	CLMN450/18-15	215	71111	CLN460/18.4-12	216	73017	PP72	91	74316	STKHSD	140
61295	CLMN600/24-15	215	71112	CLN600/24-12	216	73024	PPS6	91	74395	VP72	160
61296	CLMN750/30-15	215	71113	CLN760/30.4-12	216	73047	HSA8SS	70	74396	VP84	160
61297	CLMN900/36-15	215	71115	CLN900/36-12	216	73047	HSA8SS	72	74397	VP96	160
61298	CLMN1050/42-15	215	71116	CLN1060/42.4-12	216	73047	HSA8SS	74	74398	VMF72	160
61299	CLMN1200/48-15	215	71118	CLFR460/18.4-12	216	73047	HSA8SS	75	74399	VMF84	160
61300	CLMN1350/54-15	215	71119	CLFR600/24-12	216	73047	HSA8SS	140	74417	STJK	19
61301	CLMN1500/60-15	215	71120	CLFR760/30.4-12	216	73048	HSA8S	70	74417	STJK	122
61302	CLMN1800/72-15	215	71122	CLFR900/36-12	216	73048	HSA8S	72	74417	STJK	140
61303	CLMN2100/84-15	215	71123	CLFR1060/42.4-12	216	73048	HSA8S	74	74419	STTS	19
61308	CLMFR450/18-15	215	71126	CLN1360/54.4-12	216	73048	HSA8S	75	74419	STTS	122
61309	CLMFR600/24-15	215	71127	CLN1520/60.8-12	216	73048	HSA8S	140	74419	STTS	140
61310	CLMFR750/30-15	215	71131	WCLN18-16	219	73049	HSA8M	70	74440	VMF96	160
61311	CLMFR900/36-15	215	71132	WCLN24-16	219	73049	HSA8M	72	74448	UFB18	120
61312	CLMFR1050/42-15	215	71133	WCLN30-16	219	73049	HSA8M	74	74449	UFB24	120
61313	CLMFR1200/48-15	215	71134	WCLN30-30	219	73049	HSA8M	75	74450	UFB30	120
61314	CLMFR1350/54-15	215	71135	WCLN36-16	219	73049	HSA8M	140	74451	UFB36	120
61315	CLMFR1500/60-15	215	71136	WCLN36-30	219	73050	HPS8	140	74452	UFB42	120
61316	CLMFR1800/72-15	215	71137	WCLN42-16	219	73063	HSA8L	70	74453	UFB48	120
61317	CLMFR2100/84-15	215	71138	WCLN42-30	219	73063	HSA8L	72	74454	UFB54	120
61319	CLMFR6.5/21-15	214	71139	WCLN48-16	219	73063	HSA8L	74	74455	UFB60	120
62052	CLMN450/18-15S	215	71140	FLM-PC	210	73063	HSA8L	140	74456	UFB72	120

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74458	VBK-84	157	74713	SPK42	136	74916	PMSMK	206	75575	VUBK-84	157
74458	VBK-84	160	74714	SPK48	136	74917	PMSMKSD	206	75576	VUBK-96	157
74459	VBK-96	157	74715	SPK54	136	74918	MAK	206	75578	SPMK2	136
74459	VBK-96	160	74716	SPK60	136	74919	MAKHD	206	75579	SPMK3	136
74460	UFB84	120	74717	SPK72	136	74920	MAKSD	206	75583	PTM24T	202
74502	HDTs	19	74718	SPKHD72	136	74921	MORK	206	75584	PTM24R	202
74502	HDTs	122	74719	SPKHD84	136	74921	MORK	207	75585	STTS-S/S	123
74502	HDTs	140	74720	SPKHD96	136	74922	MORKSD	206	75586	HTDS-S/S	123
74504	STKD	140	74721	SPKHD120	136	74922	MORKSD	207	75587	MSRSD	206
74505	STKS	140	74734	SPCP	136	74923	MCRK	205	75588	PLSC18	89
74534	ISC	141	74742	SPBV	136	74923	MCRK	206	75589	PLSC24	89
74535	ICT6	76	74743	SPYS	136	74923	MCRK	207	75590	PLSC30	89
74535	ICT6	77	74744	SPPR	136	74924	MCRKSD	206	75591	PLSC36	89
74535	ICT6	79	74745	SPH10	136	74924	MCRKSD	207	75592	PLSC42	89
74535	ICT6	88	74746	SPN	136	74925	MCB	205	75593	PLSC48	89
74535	ICT6	89	74747	SPG	136	74925	MCB	206	75594	PLSC54	89
74535	ICT6	91	74748	SPPN	136	74925	MCB	207	75595	PLSP18	91
74535	ICT6	92	74771	HSSTS	74	74926	MCBSD	206	75596	PLSP24	91
74535	ICT6	94	74771	HSSTS	140	74926	MCBSD	207	75597	PLSP30	91
74535	ICT6	95	74772	HSSCS	74	74927	MCSK	205	75598	PLSP36	91
74535	ICT6	97	74772	HSSCS	140	74927	MCSK	206	75599	PLSP42	91
74535	ICT6	98	74773	PSSS	91	74927	MCSK	207	75600	PLSP48	91
74535	ICT6	100	74773	PSSS	97	74928	MCSKHD	205	75601	PLSP54	91
74535	ICT6	101	74773	PSSS	101	74928	MCSKHD	206	75619	EZP1P12	19
74535	ICT6	105	74773	PSSS	105	74928	MCSKHD	207	75619	EZP1P12	20
74535	ICT6	107	74773	PSSS	107	74929	MCSKSD	206	75620	EZP1P18	19
74535	ICT6	108	74774	ELT	139	74929	MCSKSD	207	75620	EZP1P18	20
74535	ICT6	111	74775	STJM	19	74930	MCS	205	75621	EZP1P24	19
74535	ICT6	112	74775	STJM	122	74930	MCS	206	75621	EZP1P24	20
74535	ICT6	115	74775	STJM	140	74930	MCS	207	75622	EZP1P30	19
74535	ICT6	116	74776	HBTK	140	74931	MCSHD	205	75622	EZP1P30	20
74535	ICT6	119	74821	HTV18SS	75	74931	MCSHD	206	75623	EZP1P36	19
74535	ICT6	141	74822	HTV24SS	75	74931	MCSHD	207	75623	EZP1P36	20
74550	HDARK	140	74823	HTV30SS	75	74932	MCSSD	206	75624	EZP1P42	19
74558	RBP1S-S	191	74824	HTV36SS	75	74932	MCSSD	207	75624	EZP1P42	20
74559	RBP1S-M	191	74825	HTV42SS	75	74941	SRBK	137	75625	EZP1P48	19
74560	RBP1S-L	191	74826	HTV48SS	75	74952	SPKHD42	136	75625	EZP1P48	20
74561	RBP1S-XL	191	74828	HTV18S	75	74953	SPKHD48	136	75626	EZP1P54	19
74562	RBPSR-S	193	74829	HTV24S	75	74954	SPKHD54	136	75626	EZP1P54	20
74563	RBPSR-M	193	74830	HTV30S	75	74955	SPKHD60	136	75627	EZP1P60	19
74564	RBPSR-L	193	74831	HTV36S	75	74982	VMLK	160	75627	EZP1P60	20
74565	RBPSR-XL	193	74832	HTV42S	75	74983	VSC	160	75628	CRB10	16
74612	RP-72	94	74833	HTV48S	75	75017	FL-ADH-0.8	217	75628	CRB10	22
74633	RV450	92	74838	HTV36M	75	75419	HVT8-S/S	70	75628	CRB10	144
74634	RV600	92	74839	HTV42M	75	75419	HVT8-S/S	74	75629	CRB16	16
74635	RV750	92	74840	HTV48M	75	75419	HVT8-S/S	75	75629	CRB16	22
74636	RV900	92	74885	PTM30T	202	75419	HVT8-S/S	140	75629	CRB16	37
74637	RV1050	92	74886	PTM36T	202	75463	RVHD2000	92	75629	CRB16	144
74638	RV1200	92	74887	PTM42T	202	75513	PAB	79	75630	CRB22	16
74639	RV1350	92	74888	PTM48T	202	75513	PAB	91	75630	CRB22	22
74639	RV1400	92	74889	PTM54T	202	75513	PAB	94	75630	CRB22	37
74640	RV1500	92	74890	PTM60T	202	75513	PAB	111	75630	CRB22	144
74642	RVHD1800	92	74891	PTMHD54T	202	75513	PAB	115	75631	CRB28	16
74643	RVHD2100	92	74892	PTMHD60T	202	75513	PAB	131	75631	CRB28	22
74644	RVHD2400	92	74893	PTMHD72T	202	75513	PAB	141	75631	CRB28	37
74689	HXF8S	68	74894	PTMHD84T	202	75522	RBPFK-S	193	75631	CRB28	144
74689	HXF8S	140	74895	PTMSD72T	202	75523	RBPFK-M	193	75632	CRB34	16
74690	HXF8M	68	74896	PTMSD84T	202	75524	RBPFK-L	193	75632	CRB34	22
74690	HXF8M	140	74897	PTMSD96T	202	75525	RBPFK-XL	193	75632	CRB34	37
74691	HXF8L	68	74898	PTMSD120T	202	75526	RBPMBK	193	75632	CRB34	144
74691	HXF8L	140	74899	PTM30R	202	75527	RPB1T-S	193	75633	CRB40	16
74698	RDPMBK	160	74900	PTM36R	202	75528	RPB1T-M	193	75633	CRB40	22
74699	RDPBK-S	158	74901	PTM42R	202	75529	RPB1T-L	193	75633	CRB40	37
74699	RDPBK-S	160	74902	PTM48R	202	75530	RPB1T-XL	193	75633	CRB40	144
74700	RDPBK-M	158	74903	PTM54R	202	75531	MFASK	206	75634	CRB46	16
74700	RDPBK-M	160	74904	PTM60R	202	75565	HSA8SS	140	75634	CRB46	22
74701	RDPBK-L	158	74905	PTMHD54R	202	75566	RDPF-S	160	75634	CRB46	37
74701	RDPBK-L	160	74906	PTMHD60R	202	75567	RDPF-M	160	75634	CRB46	144
74702	RDPBK-XL	158	74907	PTMHD72R	202	75568	RDPF-L	160	75635	CRB52	16
74702	RDPBK-XL	160	74908	PTMHD84R	202	75569	RDPF-XL	160	75635	CRB52	22
74705	RDPMSK	160	74909	PTMSD72R	202	75570	VUBK-XS	157	75635	CRB52	37
74709	SPK18	136	74910	PTMSD84R	202	75571	VUBK-S	157	75635	CRB52	144
74710	SPK24	136	74911	PTMSD96R	202	75572	VUBK-M	157	75636	CRB58	16

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75636	CRB58	144	75816	MSPPL	74	75899	PSTS-S	60	75980	HXF2-S	140
75637	EZP1MPK	19	75819	RMC1-CP	209	75899	PSTS-S	67	75981	HXF2-M	68
75641	EZP1PL	19	75820	RMC1-CB	209	75899	PSTS-S	74	75981	HXF2-M	74
75641	EZP1PL	20	75821	RMC1-PL	209	75901	HFC2	74	75981	HXF2-M	140
75641	EZP1PL	140	75830	MMBK	41	75901	HFC2	140	75982	HXF2-L	68
75642	EZP1BP	19	75830	MMBK	49	75902	HXFC2	74	75982	HXF2-L	74
75642	EZP1BP	20	75830	MMBK	132	75902	HXFC2	140	75982	HXF2-L	140
75642	EZP1BP	144	75833	RMC1-BULK	209	75905	AWTB	47	75985	RBQC1HD-12	145
75642	EZP1BP	148	75835	RMC1LS-PL	209	75905	AWTB	55	75986	RBQC1HD-18	145
75642	EZP1BP	149	75843	STS-S	87	75905	AWTB	60	75987	RBQC1HD-24	145
75643	EZS2-18	76	75843	STS-S	97	75906	AWTMB	47	75988	RBQC1HD-30	145
75644	EZS2-24	76	75843	STS-S	105	75906	AWTMB	55	75989	RBQC1HD-36	145
75645	EZS2-30	76	75843	STS-S	106	75906	AWTMB	60	75990	RBQC1HD-42	145
75646	EZS2-36	76	75843	STS-S	119	75907	AWTA	47	75991	RBQC1HD-48	145
75647	EZS2-42	76	75843	STS-S	127	75907	AWTA	55	75992	RBQC1HD-54	145
75648	EZS2-48	76	75844	STS-B	87	75907	AWTA	60	75993	RBQC1HD-66	145
75649	EZS2-54	76	75844	STS-B	97	75909	AWTHK	47	75995	RBAGS-16	148
75650	EZS2-60	76	75844	STS-B	105	75909	AWTHK	55	75996	RBAGS-22	148
75651	EZS2-72	76	75844	STS-B	106	75909	AWTHK	60	75997	RBAGS-28	148
75652	EZS2P18	79	75844	STS-B	119	75918	MHSP-24	97	75998	RBAGS-34	148
75652	EZS2P18	141	75844	STS-B	127	75918	MHSP-24	105	75999	RBAGS-40	148
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75655	EZS2P36	79	75845	QMTS-P	74	75921	MHSP-42	97	76026	MCBKHD	205
75655	EZS2P36	141	75845	QMTS-P	122	75921	MHSP-42	105	76026	MCBKHD	206
75656	EZS2P42	79	75846	STS-W	97	75922	MHSP-48	97	76026	MCBKHD	207
75656	EZS2P42	141	75846	STS-W	105	75922	MHSP-48	105	76027	MCBKSD	206
75657	EZS2P48	79	75846	STS-W	106	75923	MHSP-54	97	76027	MCBKSD	207
75657	EZS2P48	141	75846	STS-W	119	75923	MHSP-54	105	76028	RBAGS-46	148
75658	EZS2P54	79	75846	STS-W	127	75924	MHSP-60	97	76029	RBAGS-52	148
75658	EZS2P54	141	75847	STAK	105	75924	MHSP-60	105	76030	RBAGS-58	148
75659	EZS2P60	79	75847	STAK	107	75925	MHSP-72	97	76031	RBAGS-70	148
75659	EZS2P60	141	75847	STAK	119	75925	MHSP-72	105	76032	RBAS4-18	151
75660	EZS2P72	79	75847	STAK	127	75927	PFC	105	76033	RBAS4-24	151
75660	EZS2P72	141	75868	MDWS-24	124	75927	PFC	119	76034	RBAS4-30	151
75661	FFCK	79	75869	MDWS-30	124	75929	MHCP-24S	56	76035	RBAS4-36	151
75666	EZS2MBK	79	75870	MDWS-36	124	75930	MHCP-30S	56	76036	RBAS4-42	151
75666	EZS2MBK	91	75871	MDWS-42	124	75931	MHCP-36S	56	76037	RBAS4-48	151
75666	EZS2MBK	94	75872	MDWS-48	124	75932	MHCP-42S	56	76038	RBAS4-54	151
75666	EZS2MBK	111	75873	MDWS-54	124	75933	MHCP-48S	56	76039	RBAS4-60	151
75666	EZS2MBK	115	75874	MDWS-60	124	75934	MHCP-54S	56	76040	RBAS4-72	151
75666	EZS2MBK	131	75875	MDWS-72	124	75935	MHCP-60S	56	76041	RBAER-10	152
75666	EZS2MBK	141	75883	DWP-72	127	75936	MHCP-72S	56	76042	RBAER-16	152
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75772	EZP1P72	20	75885	CDWB30	124	75946	MHCP-BPA30	58	76044	RBAER-28	152
75773	CRB70	16	75886	CDWB36	124	75947	MHCP-BPA36	58	76045	RBAER-34	152
75773	CRB70	22	75887	CDWB42	124	75948	MHCP-BPA42	58	76046	RBAER-40	152
75773	CRB70	37	75888	CDWB48	124	75949	MHCP-BPA48	58	76047	RBAER-46	152
75773	CRB70	144	75889	CDWB54	124	75950	MHCP-BPA54	58	76048	RBAER-52	152
75775	CRB64	16	75890	CDWB60	124	75951	MHCP-BPA60	58	76049	RBAER-58	152
75775	CRB64	22	75891	CDWB72	124	75952	MHCP-BPA72	58	76050	RBAER-70	152
75775	CRB64	37	75892	STAKHD	105	75953	MHCP-BCK24	58	76069	AWTNCB	47
75778	FLSC-ISS	210	75892	STAKHD	107	75954	MHCP-BCK30	58	76069	AWTNCB	55
75803	MSPP24	39	75892	STAKHD	119	75955	MHCP-BCK36	58	76069	AWTNCB	58
75804	MSPP30	39	75892	STAKHD	127	75956	MHCP-BCK42	58	76069	AWTNCB	60
75804	MSPP30	127	75896	PSTA	39	75957	MHCP-BCK48	58	76071	SSTSMB	132
75805	MSPP36	39	75896	PSTA	47	75958	MHCP-BCK54	58	76072	SSTLMB	132
75805	MSPP36	127	75896	PSTA	55	75959	MHCP-BCK60	58	76073	SSTOTA	132
75806	MSPP42	39	75896	PSTA	60	75960	MHCP-BCK72	58	76074	QMT-P	39
75806	MSPP42	127	75896	PSTA	67	75961	MHP-CP24	60	76074	QMT-P	47
75807	MSPP48	39	75896	PSTA	74	75962	MHP-CP30	60	76074	QMT-P	67
75807	MSPP48	127	75896	PSTA	122	75963	MHP-CP36	60	76074	QMT-P	74
75808	MSPP54	39	75897	PTPK	55	75964	MHP-CP42	60	76075	QMT-W	39
75808	MSPP54	127	75897	PTPK	60	75965	MHP-CP48	60	76075	QMT-W	47
75809	MSPP60	39	75898	PSTS-W	39	75966	MHP-CP54	60	76075	QMT-W	67
75809	MSPP60	127	75898	PSTS-W	47	75967	MHP-CP60	60	76075	QMT-W	74
75810	MSPP72	39	75898	PSTS-W	55	75968	MHP-CP72	60	76083	SATB	106
75811	MSPMPK	39	75898	PSTS-W	60	75978	SSRB	60	76083	SATB	127
75811	MSPMPK	47	75898	PSTS-W	67	75979	HXF2-SS	68	76084	SATHB	106
75811	MSPMPK	67	75898	PSTS-W	74	75979	HXF2-SS	74	76084	SATHB	127
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76089	HTS42	77	76277	HVP-48M	72	76460	MMPCP36	47	76579	RBAGSCM-58	149
76090	HTS48	77	76278	HVP-48L	72	76460	MMPCP36	55	76581	RBAGSCM-70	149
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76094	HTSCK	77	76282	HVP-54LL	72	76462	MMPCP48	55	76594	CRB-HT16	16
76094	HTSCK	79	76283	HVP-60M	72	76463	MMPCP54	47	76594	CRB-HT16	22
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76096	QMTPAK	47	76285	HVP-60LL	72	76464	MMPCP60	47	76595	CRB-HT22	16
76096	QMTPAK	67	76286	HVP-72M	72	76464	MMPCP60	55	76595	CRB-HT22	22
76096	QMTPAK	74	76287	HVP-72L	72	76465	MMPCP72	47	76595	CRB-HT22	37
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76097	QMTBK-P	39	76289	HXF2-18S	68	76466	MMPBPK	47	76596	CRB-HT28	22
76097	QMTBK-P	40	76290	HXF2-18M	68	76466	MMPBPK	147	76596	CRB-HT28	37
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76097	QMTBK-P	48	76292	HXF2-24M	68	76470	FL-L	212	76597	CRB-HT34	22
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76098	QMTBK-W	55	76299	HXF2-42M	68	76479	FLCP	212	76599	CRB-HT46	37
76098	QMTBK-W	60	76300	HXF2-42L	68	76481	FLRLB-L	212	76600	CRB-HT52	16
76098	QMTBK-W	67	76301	HXF2-48S	68	76482	FLRLB-M	212	76600	CRB-HT52	22
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76099	QMTPSBK	39	76304	HXF2-54S	68	76484	QMTS-G	39	76601	CRB-HT58	22
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76099	QMTPSBK	67	76306	HXF2-54L	68	76485	TRB18	45	76602	CRB-HT64	16
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76099	QMTPSBK	122	76308	HXF2-60L	68	76486	TRB24	45	76602	CRB-HT64	37
76110	H78P18	74	76309	HXF2-72M	68	76486	TRB24	147	76603	CRB-HT70	16
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76125	HVP-24S	72	76399	HOBK	67	76491	TRB54	147	76636	SSTBK-W	119
76126	HVP-30S	72	76399	HOBK	74	76492	TRB60	45	76636	SSTBK-W	127
76127	HVP-36S	72	76403	EST-P	19	76492	TRB60	147	76637	SSTBK-B	105
76128	HVP-42S	72	76404	EST-S	19	76493	TRB66	45	76637	SSTBK-B	107
76129	HVP-48S	72	76405	EST-B	19	76493	TRB66	147	76637	SSTBK-B	119
76130	HVP-54S	72	76406	ESTAK-EST	19	76494	TRB72	45	76637	SSTBK-B	127
76131	HVP-60S	72	76406	ESTAK-EST	122	76494	TRB72	147	76638	MHCP-2BC24	60
76132	HVP-72S	72	76407	ESPSBK	19	76537	MMPK	41	76639	MHCP-2BC30	60
76138	HXF2-18SS	68	76408	ESPBK	19	76537	MMPK	49	76640	MHCP-2BC36	60
76139	HXF2-24SS	68	76409	ESPRK	19	76537	MMPK	132	76641	MHCP-2BC42	60
76140	HXF2-30SS	68	76409	ESPRK	122	76540	QMTBK-G	39	76642	MHCP-2BC48	60
76141	HXF2-36SS	68	76410	ESBK-PS	19	76540	QMTBK-G	40	76643	MHCP-2BC54	60
76142	HXF2-42SS	68	76410	ESBK-PS	122	76540	QMTBK-G	47	76644	MHCP-2BC60	60
76143	HXF2-48SS	68	76411	ESBK-B	19	76540	QMTBK-G	48	76645	MHCP-2BC72	60
76144	HXF2-54SS	68	76412	ESS-S	19	76551	MMP-1230	41	76655	RBAER-44	152
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76146	HXF2-72S	68	76413	ESS-B	19	76553	MMP-1242	41	76659	HTF218	13
76178	MHSP-18	97	76414	RMC1-BCP	209	76554	MMP-1248	41	76660	HTF224	13
76178	MHSP-18	105	76416	VAK	160	76555	MMP-1254	41	76661	HTF230	13
76205	RVT6-S/S	107	76418	EZP10TK1	19	76556	MMP-1260	41	76662	HTF236	13
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76249	RSA	115	76450	MMP-624	41	76558	RMC2-FS-1	211	76664	HTF248	13
76253	HV-42LL	70	76451	MMP-630	41	76560	PFC-SS	105	76665	HTF254	13
76267	HVP-18M	72	76452	MMP-636	41	76560	PFC-SS	107	76666	HTF260	13
76268	HVP-18L	72	76453	MMP-642	41	76570	RB6SA	153	76667	HTF272	13
76269	HVP-24M	72	76454	MMP-648	41	76571	RB6DH	154	76668	CBC18	131
76270	HVP-24L	72	76455	MMP-654	41	76572	RBAGSCM-16	149	76669	CBC24	131
76271	HVP-30M	72	76456	MMP-660	41	76573	RBAGSCM-22	149	76670	CBC30	131
76272	HVP-30L	72	76457	MMP-672	41	76574	RBAGSCM-28	149	76671	CBC36	131
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76730	UTF54	120	76927	IB5	170	77081	LSP24-S/S	33	77136	EZP-LS818	25
76731	UTF60	120	76927	IB5	173	77082	LSP30-S/S	33	77137	EZP-LS824	25
76732	UTF72	120	76927	IB5	181	77083	LSP36-S/S	33	77138	EZP-LS830	25
76733	UTF84	120	76927	IB5	183	77084	LSP42-S/S	33	77139	EZP-LS836	25
76748	URCB18/450	120	76927	IB5	185	77085	LSP48-S/S	33	77140	EZP-LS842	25
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76750	URCB30/750	120	76928	IBBK	164	77087	LSP60-S/S	33	77142	EZP-LS854	25
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76752	URCB42/1050	120	76928	IBBK	170	77088	CRB-LS10	31	77144	CLSGF-212	30
76753	URCB48/1200	120	76928	IBBK	173	77089	CRB-LS16	27	77145	CLSGF-218	30
76754	URCB54/1350	120	76928	IBBK	181	77089	CRB-LS16	31	77146	CLSGF-224	30
76755	URCB60/1500	120	76928	IBBK	183	77090	CRB-LS22	27	77147	CLSGF-230	30
76756	URCB72/1800	120	76928	IBBK	185	77090	CRB-LS22	31	77148	CLSGF-236	30
76757	URCB84/2100	120	76928	IBBK	187	77091	CRB-LS28	27	77149	CLSGF-242	30
76772	USP18/450	122	76929	IBS-L4	181	77091	CRB-LS28	31	77150	CLSGF-248	30
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77884	SACRHL	115	77909	CART2-72/1800	115	77977	RC72-2ESAC	112	78117	R-CARK2-C96/2400	113
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77885	SACKRP	115	77910	CART2-84/2100	115	77980	RC120-2ESAC	112	78120	R-CARK2-V72/1800	113
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77889	SACPL-36/900	111	77916	PCAP-42/1050	111	77991	PV84-2ESAC	108	78418	PP-30	91
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77889	SACPL-36/900	119	77918	PCAP-54/1350	111	77993	PV120-2ESAC	108	78420	PP-36	91
77890	SACPL-42/1050	111	77919	PCAP-60/1500	111	77994	RV24-ESAC	112	78421	PV-42	88
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78975	EZWPK-54	170	79023	HDRR48	138	79225	CCKHDL	111	79351	HV2-60M	65
78975	EZWPK-54	173	79024	HDRR54	138	79225	CCKHDL	115	79352	HV2-60L	65
78976	EZWPK-60	164	79025	HDRR60	138	79225	CCKHDL	141	79353	HV2-60LL	65
78976	EZWPK-60	167	79026	HDRRS72*	138	79228	CCKR	79	79354	HV2-72S	65
78976	EZWPK-60	170	79027	HDRRS84*	138	79228	CCKR	91	79355	HV2-72M	65
78976	EZWPK-60	173	79033	MMP-696	41	79228	CCKR	94	79356	HV2-72L	65
78977	EZWPK-72	164	79034	MMP-1296	41	79228	CCKR	141	79357	HV2-72LL	65
78977	EZWPK-72	167	79035	MMP-696-S/S	42	79229	CCKHDR	79	79358	H2P18	67
78977	EZWPK-72	170	79036	MMP-1296-S/S	42	79229	CCKHDR	111	79359	H2P24	67
78977	EZWPK-72	173	79037	MMP-696P	43	79229	CCKHDR	115	79360	H2P30	67

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79362	H2P42	67	79447	MHS-48V-MST	99	79582	SSTHB	127	79749	MHS-24RUV	100
79363	H2P48	67	79448	MHS-54V-MST	99	79586	SSTHB-S/S	107	79750	MHS-30RUV	100
79364	H2P54	67	79449	MHS-60V-MST	99	79587	YTP-18/450	83	79751	MHS-36RUV	100
79365	H2P60	67	79450	MHS-72V-MST	99	79588	YTP-24/600	83	79752	MHS-42RUV	100
79366	H2P72	67	79451	MSTPMHD	97	79589	YTP-30/750	83	79753	MHS-48RUV	100
79367	HV2T-S/S	65	79451	MSTPMHD	106	79590	YTP-36/900	83	79754	MHS-54RUV	100
79367	HV2T-S/S	67	79453	UHVC	67	79591	YTP-42/1050	83	79755	MHS-60RUV	100
79368	HV2PT	65	79481	RB38BP	145	79592	YTP-48/1200	83	79756	MHS-72RUV	100
79368	HV2PT	67	79481	RB38BP	151	79593	YTA-18/450	83	79757	MHS-84RUV	100
79369	H2SA6SS	65	79481	RB38BP	152	79594	YTA-24/600	83	79758	MHS-96RUV	100
79369	H2SA6SS	67	79493	SSTLBK	105	79595	YTA-30/750	83	79795	YSTS-Y	83
79370	H2SA6S	65	79493	SSTLBK	107	79596	YTA-36/900	83	79796	YSTS-P	83
79370	H2SA6S	67	79493	SSTLBK	119	79597	YTA-42/1050	83	79797	YSTHDS-GR	87
79371	H2SA6M	65	79493	SSTLBK	127	79598	YTA-48/1200	83	79798	YSTHDS-BL	87
79371	H2SA6M	67	79494	MBC-18	128	79611	YCART-18/450-W	81	79799	YTPHD-36/900	87
79372	H2SA6L	65	79495	MBC-24	128	79612	YCART-24/600-W	81	79800	YTPHD-42/1050	87
79372	H2SA6L	67	79496	MBC-30	128	79613	YCART-30/750-W	81	79801	YTPHD-48/1200	87
79373	H2SA6LL	65	79497	MBC-36	128	79614	YCART-36/900-W	81	79802	YTPHD-54/1350	87
79373	H2SA6LL	67	79498	MBC-42	128	79615	YCART-42/1050-W	81	79803	YTPHD-60/1500	87
79374	H2RC	67	79499	MBC-48	128	79616	YCART-48/1200-W	81	79804	YTPHD-72/1800	87
79375	HV2SSTS	67	79500	MBC-54	128	79617	YCART-18/450-P	81	79805	YTAHD-36/900	87
79378	MSR2	205	79501	MBC-60	128	79618	YCART-24/600-P	81	79806	YTAHD-42/1050	87
79378	MSR2	206	79502	MBC-72	128	79619	YCART-30/750-P	81	79807	YTAHD-48/1200	87
79379	MIB2-1U	179	79504	MBDS-18	130	79621	YCART-42/1050-P	81	79809	YTAHD-60/1500	87
79380	PMSMK2	205	79505	MBDS-24	130	79622	YCART-48/1200-P	81	79810	YTAHD-72/1800	87
79380	PMSMK2	206	79506	MBDS-30	130	79623	YTAC	83	79811	YCART-18/450-TC	81
79381	MAK2	206	79507	MBDS-36	130	79624	MHS-18RMV	99	79812	YCART-24/600-TC	81
79382	MAKHD2	206	79508	MBDS-42	130	79625	MHS-24RMV	99	79813	YCART-30/750-TC	81
79383	CLN460/18.4-12S	216	79509	MBDS-48	130	79626	MHS-30RMV	99	79814	YCART-36/900-TC	81
79384	CLN600/24-12S	216	79510	MBDS-54	130	79627	MHS-36RMV	99	79815	YCART-42/1050-TC	81
79385	CLN760/30.4-12S	216	79511	MBDS-60	130	79628	MHS-42RMV	99	79816	YCART-48/1200-TC	81
79387	CLN900/36-12S	216	79512	MBDS-72	130	79629	MHS-48RMV	99	79817	YCART-36/900-HDP	85
79388	CLN1060/42.4-12S	216	79513	MBDS-84	130	79630	MHS-54RMV	99	79817	YCART-36/900-HDP	87
79389	CLN1200/48-12S	216	79514	MBRD-18	128	79631	MHS-60RMV	99	79818	YCART-42/1050-HDP	85
79390	CLN1360/54.4-12S	216	79514	MBRD-18	130	79632	MHS-72RMV	99	79818	YCART-42/1050-HDP	87
79392	CLN1520/60.8-12S	216	79515	MBRD-24	128	79637	FMS-18	95	79819	YCART-48/1200-HDP	85
79395	CLN1800/72-12S	216	79515	MBRD-24	130	79646	FMS-18V	95	79819	YCART-48/1200-HDP	87
79398	CLN2100/84-12S	216	79516	MBRD-30	128	79647	FMS-24V	95	79820	YCART-54/1350-HDP	85
79406	CLFR460/18.4-12S	216	79516	MBRD-30	130	79648	FMS-30V	95	79820	YCART-54/1350-HDP	87
79407	CLFR600/24-12S	216	79517	MBRD-36	128	79649	FMS-36V	95	79821	YCART-60/1500-HDP	85
79408	CLFR760/30.4-12S	216	79517	MBRD-36	130	79650	FMS-42V	95	79821	YCART-60/1500-HDP	87
79410	CLFR900/36-12S	216	79518	MBRD-42	128	79651	FMS-48V	95	79822	YCART-72/1800-HDP	85
79411	CLFR1060/42.4-12S	216	79518	MBRD-42	130	79652	FMS-54V	95	79822	YCART-72/1800-HDP	87
79412	CLFR1200/48-12S	216	79519	MBRD-48	128	79653	FMS-60V	95	79823	YCART-36/900-HDW	85
79413	CLFR1360/54.4-12S	216	79519	MBRD-48	130	79654	FMS-72V	95	79823	YCART-36/900-HDW	87
79415	CLFR1520/60.8-12S	216	79520	MBRD-54	128	79665	PTMHD54VR	202	79824	YCART-42/1050-HDW	85
79418	CLFR1800/72-12S	216	79520	MBRD-54	130	79666	PTMHD60VR	202	79824	YCART-42/1050-HDW	87
79421	CLFR2100/84-12S	216	79521	MBRD-60	128	79667	PTMHD72VR	202	79825	YCART-48/1200-HDW	85
79431	MSTHD-W	97	79521	MBRD-60	130	79668	PTMHD84VR	202	79825	YCART-48/1200-HDW	87
79431	MSTHD-W	106	79522	MBRD-72	128	79669	PTM24VR	202	79826	YCART-54/1350-HDW	85
79432	MSTHD-S	97	79522	MBRD-72	130	79670	PTM30VR	202	79826	YCART-54/1350-HDW	87
79432	MSTHD-S	106	79523	MBRD-84	128	79671	PTM36VR	202	79827	YCART-60/1500-HDW	85
79433	MSTHD-B	97	79523	MBRD-84	130	79672	PTM42VR	202	79827	YCART-60/1500-HDW	87
79433	MSTHD-B	106	79524	MBCM-K	130	79673	PTM48VR	202	79828	YCART-72/1800-HDW	85
79434	MSTD-B	97	79525	MBCBC	130	79674	PTM54VR	202	79828	YCART-72/1800-HDW	87
79434	MSTD-B	106	79526	MBCB	130	79675	PTM60VR	202	79829	YCART-36/900-HDT	85
79434	MSTD-B	132	79527	MBADB	130	79676	YT-HDW*	85	79829	YCART-36/900-HDT	87
79435	MSTAM	97	79528	MBCBM	130	79676	YT-HDW	87	79830	YCART-42/1050-HDT	85
79435	MSTAM	106	79529	MBCM-1	130	79677	YT-HDP*	85	79830	YCART-42/1050-HDT	87
79436	MST-MBL	97	79530	MBCM-2	130	79677	YT-HDP	87	79831	YCART-48/1200-HDT	85
79436	MST-MBL	106	79531	MBCTA	130	79699	FMSC	97	79831	YCART-48/1200-HDT	87
79437	MST-MBR	97	79532	MBCBL	130	79728	YT-HDC*	85	79832	YCART-54/1350-HDT	85
79437	MST-MBR	106	79533	MBCM KK	130	79728	YT-HDC	87	79832	YCART-54/1350-HDT	87
79439	MSTCHD	97	79534	MBCEC	130	79738	MHS-24RU	100	79833	YCART-60/1500-HDT	85
79439	MSTCHD	106	79535	STLP	130	79739	MHS-30RU	100	79833	YCART-60/1500-HDT	87
79440	MSTBK	97	79536	MBCDBK	128	79740	MHS-36RU	100	79834	YCART-72/1800-HDT	85
79440	MSTBK	106	79536	MBCDBK	130	79741	MHS-42RU	100	79834	YCART-72/1800-HDT	87
79441	MSTGT	97	79536	MBCDBK	132	79742	MHS-48RU	100	79835	YTACHD	87
79441	MSTGT	106	79571	MFASKHD	206	79743	MHS-54RU	100	79836	YST-Y	83
79442	MHS-18V-MST	99	79572	YT-W*	81	79744	MHS-60RU	100	79837	YST-P	83
79443	MHS-24V-MST	99	79573	YT-P*	81	79745	MHS-72RU	100	79838	YST-S	83
79444	MHS-30V-MST	99	79574	YT-C*	81	79746	MHS-84RU	100	79839	YSTHD-GR	87
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79843	YSTM-B	83	79979	MSB24-2I	174	81265	RDRXL-42-435	181	81340	RDRXH-60-520	185
79844	YSTDBK	132	79980	MSB30-2I	174	81266	RDRXL-42-535	181	81341	RDRXH-60-435	185
79845	YSTGBK	83	79981	MSB36-2I	174	81267	RDRXL-48-420	181	81342	RDRXH-60-535	185
79846	YSTLBK	83	79982	MSB42-2I	174	81268	RDRXL-48-520	181	81343	RDRXH-72-420	185
79847	YSTTBK-W	83	79983	MSB48-2I	174	81269	RDRXL-48-435	181	81344	RDRXH-72-520	185
79848	YSTPMK	83	79984	MSB54-2I	174	81270	RDRXL-48-535	181	81345	RDRXH-72-435	185
79849	YSTHDMB	87	79985	MSB60-2I	174	81271	RDRXL-54-420	181	81346	RDRXH-72-535	185
79850	YSTHDDBK	84	79986	MSB72-2I	174	81272	RDRXL-54-520	181	81363	RDP1-S	158
79850	YSTHDDBK	87	79987	MSBRMK	176	81273	RDRXL-54-435	181	81364	RDP1-M	158
79850	YSTHDDBK	132	79988	SB2F	176	81274	RDRXL-54-535	181	81365	RDP1-L	158
79851	YSTHDGBK	87	79988	SB2F	179	81275	RDRXL-60-420	181	81366	RDP1-XL	158
79852	YSTHDLBK	87	79989	SHIM-KITMOD	176	81276	RDRXL-60-520	181	81367	RC450	92
79853	YSTHDBK-W	87	79989	SHIM-KITMOD	179	81277	RDRXL-60-435	181	81368	RC600	92
79854	YSTPHDMK	87	79991	MSB24RMK	174	81278	RDRXL-60-535	181	81369	RC750	92
79855	YSTTBK-B	83	79992	MSB30RMK	174	81279	RDRXL-72-420	181	81370	RC900	92
79856	YSTHDBK-B	87	79993	MSB36RMK	174	81280	RDRXL-72-520	181	81371	RC1050	92
79857	YSTANK	83	79994	MSB42RMK	174	81281	RDRXL-72-435	181	81372	RC1200	92
79858	YSTANKHD	87	79995	MSB48RMK	174	81282	RDRXL-72-535	181	81373	RC1350	92
79861	RBSE-10	150	79996	MSB54RMK	174	81283	RDRXM-24-420	183	81374	RC1500	92
79862	RBSE-16	150	79997	MSB60RMK	174	81284	RDRXM-24-520	183	81375	RC1800	92
79863	RBSE-22	150	79998	MSB72RMK	174	81285	RDRXM-24-435	183	81376	RC2000	92
79864	RBSE-28	150	81000	MSP-600-50	34	81286	RDRXM-24-535	183	81377	RC2100	92
79865	RBSE-34	150	81001	MSP-750-50	34	81287	RDRXM-30-420	183	81378	RC2400	92
79866	RBSE-40	150	81002	MSP-900-50	34	81288	RDRXM-30-520	183	81421	PC450	88
79867	RBSE-46	150	81003	MSP-1050-50	34	81289	RDRXM-30-435	183	81805	HV450SS-CS	70
79868	RBSE-52	150	81004	MSP-1200-50	34	81290	RDRXM-30-535	183	81806	HV450S-CS	70
79869	RBSE-58	150	81005	MSP-1350-50	34	81291	RDRXM-36-420	183	81807	HV450M-CS	70
79870	RBSE-64	150	81006	MSP-1500-50	34	81292	RDRXM-36-520	183	81808	HV600SS-CS	70
79871	RBSE-70	150	81007	MSP-1800-50	34	81293	RDRXM-36-435	183	81809	HV600S-CS	70
79874	RRTD6-24	164	81008	MSP-2100-50	34	81294	RDRXM-36-535	183	81810	HV600M-CS	70
79875	RRTD6-30	164	81009	MSP-600-200	34	81295	RDRXM-42-420	183	81811	HV750SS-CS	70
79876	RRTD6-36	164	81010	MSP-750-200	34	81296	RDRXM-42-520	183	81812	HV750S-CS	70
79877	RRTD6-42	164	81011	MSP-900-200	34	81297	RDRXM-42-435	183	81813	HV750M-CS	70
79878	RRTD6-48	164	81012	MSP-1050-200	34	81298	RDRXM-42-535	183	81814	HV900SS-CS	70
79879	RRTD6-54	164	81013	MSP-1200-200	34	81299	RDRXM-48-420	183	81815	HV900S-CS	70
79880	RRTD6-60	164	81014	MSP-1350-200	34	81300	RDRXM-48-520	183	81816	HV900M-CS	70
79881	RRTD6-72	164	81015	MSP-1500-200	34	81301	RDRXM-48-435	183	81817	HV900L-CS	70
79891	JNK-A	19	81017	MSP-1800-200	34	81302	RDRXM-48-535	183	81818	HV1050SS-CS	70
79892	JNK-B	29	81018	MSP-2100-200	34	81303	RDRXM-54-420	183	81819	HV1050S-CS	70
79893	JNK-C	39	81090	EZP1-300-50	11	81304	RDRXM-54-520	183	81820	HV1050M-CS	70
79893	JNK-C	47	81091	EZP1-450-50	11	81305	RDRXM-54-435	183	81821	HV1050L-CS	70
79893	JNK-C	67	81100	EZP1-450-200	11	81306	RDRXM-54-535	183	81822	HV1200SS-CS	70
79893	JNK-C	74	81182	MHS600	98	81307	RDRXM-60-420	183	81823	HV1200S-CS	70
79893	JNK-C	105	81183	MHS750	98	81308	RDRXM-60-520	183	81824	HV1200M-CS	70
79893	JNK-C	119	81184	MHS900	98	81309	RDRXM-60-435	183	81825	HV1200L-CS	70
79893	JNK-C	122	81185	MHS1050	98	81310	RDRXM-60-535	183	81826	HV1350M-CS	70
79893	JNK-C	127	81186	MHS1200	98	81311	RDRXM-72-420	183	81827	HV1350L-CS	70
79894	JNK-D	55	81187	MHS1350	98	81312	RDRXM-72-520	183	81828	HV1350LL-CS	70
79894	JNK-D	60	81188	MHS1500	98	81313	RDRXM-72-435	183	81829	HV1500M-CS	70
79895	JNK-E	119	81189	MHS1800	98	81314	RDRXM-72-535	183	81830	HV1500L-CS	70
79896	JNK-F	122	81190	MHS2100	98	81315	RDRXH-24-420	185	81831	HV1500LL-CS	70
79908	MIB2-1UF	176	81226	MHS450V	98	81316	RDRXH-24-520	185	81832	HV1600M-CS	70
79908	MIB2-1UF	179	81227	MHS600V	98	81317	RDRXH-24-435	185	81833	HV1600L-CS	70
79914	MBC-18-575V	128	81228	MHS750V	98	81318	RDRXH-24-535	185	81834	HV1600LL-CS	70
79915	MBC-24-575V	128	81229	MHS900V	98	81319	RDRXH-30-420	185	81835	HV1800M-CS	70
79916	MBC-30-575V	128	81230	MHS1050V	98	81320	RDRXH-30-520	185	81836	HV1800L-CS	70
79917	MBC-36-575V	128	81231	MHS1200V	98	81321	RDRXH-30-435	185	81837	HV1800LL-CS	70
79918	MBC-42-575V	128	81232	MHS1350V	98	81322	RDRXH-30-535	185	81959	CBV-XS	157
79919	MBC-48-575V	128	81233	MHS1500V	98	81323	RDRXH-36-420	185	81960	CBV-S	157
79920	MBC-54-575V	128	81234	MHS1800V	98	81324	RDRXH-36-520	185	81961	CBV-M	157
79921	MBC-60-575V	128	81235	MHS2100V	98	81325	RDRXH-36-435	185	81962	CBV-L	157
79922	MBC-72-575V	128	81251	RDRXL-24-420	181	81326	RDRXH-36-535	185	81963	CBV-1800	157
79923	MBC-84-575V	128	81252	RDRXL-24-520	181	81327	RDRXH-42-420	185	81964	CBV-2100	157
79924	MBCM-575-1	130	81253	RDRXL-24-435	181	81328	RDRXH-42-520	185	81965	CBV-2400	157
79925	MBCM-575-2	130	81254	RDRXL-24-535	181	81329	RDRXH-42-435	185	81980	CRMC1	209
79970	SB2	176	81255	RDRXL-30-420	181	81330	RDRXL-42-535	185	81981	CRMC1-LS	209
79970	SB2	179	81256	RDRXL-30-520	181	81331	RDRXL-48-420	185	81981	CRMC1-LS	209
79971	MIB24-2H	177	81257	RDRXL-30-435	181	81332	RDRXL-48-520	185	81982	CRMC1-PP	209
79972	MIB30-2H	177	81258	RDRXL-30-535	181	81333	RDRXL-48-435	185	81984	CRMC1-BPP	209
79973	MIB36-2H	177	81259	RDRXL-36-420	181	81334	RDRXL-48-535	185	81984	CRMC1-BPP	211
79974	MIB42-2H	177	81260	RDRXL-36-520	181	81335	RDRXL-54-420	185	81985	CRMC1-LSBPP	209
79975	MIB48-2H	177	81261	RDRXL-36-435	181	81336	RDRXL-54-520	185	81990	CRMC1-CB	211
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82495	MHS2250	98	83696	FMS600-YST	95	90153	MHP-12108	49	90252	MIB72WPK	179
82512	MHS1650V	98	83697	FMS750	95	90154	MHP-12120	49	90253	MIB24CPK	179
82513	MHS1950V	98	83698	FMS900	95	90155	MHP-18108	49	90254	MIB30CPK	179
82514	MHS2250V	98	83699	FMS1050	95	90156	MHP-18120	49	90255	MIB36CPK	179
82515	MHS2400	98	83700	FMS1200	95	90157	MHP-24108	49	90256	MIB42CPK	179
82516	MHS2400V	98	83701	FMS1350	95	90158	MHP-24120	49	90257	MIB48CPK	179
82518	RVHD2250	92	83702	FMS1500	95	90159	MHP-6108P	50	90258	MIB54CPK	179
82519	RV1650	92	83704	FMS1800	95	90160	MHP-6120P	50	90259	MIB60CPK	179
82810	UPL-S/S-MT	123	90000	AWTPBA	47	90161	MHP-12108P	50	90260	MIB72CPK	179
82811	UPLHD-S/S-MT	123	90000	AWTPBA	55	90162	MHP-12120P	50	90261	EZCRMK54-60	167
82885	USMK-S/S-M	123	90000	AWTPBA	60	90163	MHP-18108P	50	90262	EZCRMK72	167
82886	USMKHD-S/S-M	123	90001	PTM24T-S/S	203	90164	MHP-18120P	50	90264	ESBK-ATEX	19
82973	MHS600R	101	90002	PTM30T-S/S	203	90165	MHP-24108P	50	90265	PTEZ-18	194
82974	MHS750R	101	90003	PTM36T-S/S	203	90166	MHP-24120P	50	90266	PTEZ-24	194
82975	MHS900R	101	90004	PTM42T-S/S	203	90185	PTMAFMKT	205	90267	PTEZ-30	194
82976	MHS1050R	101	90005	PTM48T-S/S	203	90186	PTMAFMKR	205	90268	PTEZ-36	194
82977	MHS1200R	101	90006	PTM54T-S/S	203	90187	PTMAFMKHDR	205	90269	PTEZ-42	194
82978	MHS1350R	101	90007	PTM60T-S/S	203	90188	PTMAEKT	205	90270	PTEZ-48	194
82979	MHS1500R	101	90008	PTMHD54T-S/S	203	90189	PTMAEKR	205	90283	SKPU-6x1/2x25	208
82980	MHS1650R	101	90009	PTMHD60T-S/S	203	90190	PTMAEKR	205	90284	SKPU-6x3/4x25	208
82981	MHS1800R	101	90010	PTMHD72T-S/S	203	90191	PTMAEKHDT	205	90285	SKPU-6x1/2x25	208
82982	MHS1950R	101	90011	PTMHD84T-S/S	203	90192	PTMAEKHDR	205	90286	SKPU-6x3/4x25	208
82983	MHS2100R	101	90012	PTM24R-S/S	203	90193	PTMAEKHDR	205	90319	SE6-VR84	205
82984	MHS2250R	101	90013	PTM30R-S/S	203	90194	PTMAAK	205	90326	MMPCP108	47
82985	MHS2400R	101	90014	PTM36R-S/S	203	90195	PTMAAKHD	205	90326	MMPCP108	55
82986	MHS450RV	101	90015	PTM42R-S/S	203	90196	PTMAFASK	205	90327	MMPCP120	47
82987	MHS600RV	101	90016	PTM48R-S/S	203	90197	PTMAORK	205	90327	MMPCP120	55
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82992	MHS1350RV	101	90021	PTMHD72R-S/S	203	90224	SE6-R60	205	90359	TRB102	45
82993	MHS1500RV	101	90022	PTMHD84R-S/S	203	90225	SE6-R72	205	90360	TRB108	45
82994	MHS1650RV	101	90023	PTM24VR-S/S	203	90226	SE6-R84	205	90361	TRB114	45
82995	MHS1800RV	101	90024	PTM30VR-S/S	203	90227	SE6-T36	205	90362	PTMA36T	201
82996	MHS1950RV	101	90025	PTM36VR-S/S	203	90228	SE6-T42	205	90363	PTMA42T	201
82997	MHS2100RV	101	90026	PTM42VR-S/S	203	90229	SE6-T48	205	90364	PTMA48T	201
82998	MHS2250RV	101	90027	PTM48VR-S/S	203	90230	SE6-T54/VR36	205	90365	PTMA54T	201
82999	MHS2400RV	101	90028	PTM54VR-S/S	203	90231	SE6-T60/VR42	205	90366	PTMA60T	201
83120	YTHD-900 P	84	90029	PTM60VR-S/S	203	90232	SE6-T72/VR48	205	90367	PTMA36R	201
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83126	YTHD-1800 P	84	90033	PTMHD84VR-S/S	203	90236	SE6-VR72	205	90371	PTMA60R	201
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83130	YTHDW-54S	84	90037	PTMSD120T-S/S	203	90238	MIB30CSK	179	90375	PTMA54VR	201
83131	YTHDW-60S	84	90038	PTMSD72R-S/S	203	90239	MIB36CSK	176	90376	PTMA60VR	201
83133	YTHD-1350 P	84	90039	PTMSD84R-S/S	203	90239	MIB36CSK	179	90377	PTMAHD54T	201
83133	YTHDW-72S	84	90040	PTMSD96R-S/S	203	90240	MIB42CSK	176	90378	PTMAHD60T	201
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83136	YTHD-TC-1200	84	90043	PTMSD84VR-S/S	203	90241	MIB48CSK	179	90381	PTMAHD54R	201
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83236	YTW-600S	80	90054	PTMSD120VR	202	90247	MIB36WPK	176	90392	MMP-12120P	43
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83241	YT-TC-450S	80	90147	MMP-6108	41	90249	MIB48WPK	179	90397	MXP-672	61
83242	YT-TC-600S	80	90148	MMP-6120	41	90250	MIB54WPK	176	90398	MXP-684	61
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90555	CBCS84	131	90796	PTEZHD-64/1600	194	91238	EZP1-UHT830	14	91303	SKPU-6X1X50	208
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90583	MXP-1254	61	90799	PTEZHD-48/1200-UG	194	91241	EZP1-UHT848	14	91306	SKPU-8X1X25	208
90584	MXP-1260	61	90800	PTEZHD-54/1350-UG	194	91242	EZP1-UHT854	14	91307	SKPU-8X3/8X50	208
90585	MXP-1272	61	90801	PTEZHD-60/1500-UG	194	91243	EZP1-UHT860	14	91308	SKPU-8X5/8X50	208
90586	MXP-1284	61	90802	PTEZHD-72/1800-UG	194	91244	EZP1-UHT872	14	91309	SKPU-8X1X50	208
90587	MXP-1296	61	90803	PTEZHD-MBK	194	91245	EZP1-UHT1424	14	91310	SKPU-10X3/8X25	208
90588	MXP-12120	61	90804	PTEZHD-PBK	194	91246	EZP1-UHT1430	14	91311	SKPU-10X1/2X25	208
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90624	MXPP-1254	64	90940	RBQB1-30/750	146	91270	MSP-UHT260	35	91869	TRB-UHT42	45
90625	MXPP-1260	64	90941	RBQB1-34/850	146	91271	MSP-UHT272	35	91870	TRB-UHT48	45
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EZCSK-30	78979	167	EZP-LS254HT	77753	26	EZP1P12	75619	19	EZS2MBK	75666	115
EZCSK-30	78979	170	EZP-LS260	77135	25	EZP1P12	75619	20	EZS2MBK	75666	131
EZCSK-30	78979	173	EZP-LS260HT	77754	26	EZP1P12-S/S	78812	24	EZS2MBK	75666	141
EZCSK-36	78980	164	EZP-LS818	77136	25	EZP1P18	75620	19	EZS2P18	75652	79
EZCSK-36	78980	167	EZP-LS824	77137	25	EZP1P18	75620	20	EZS2P18	75652	141
EZCSK-36	78980	170	EZP-LS830	77138	25	EZP1P18-S/S	78813	24	EZS2P24	75653	79
EZCSK-36	78980	173	EZP-LS836	77139	25	EZP1P24	75621	19	EZS2P24	75653	141
EZCSK-42	78981	164	EZP-LS842	77140	25	EZP1P24	75621	20	EZS2P30	75654	79
EZCSK-42	78981	167	EZP-LS848	77141	25	EZP1P24-S/S	78814	24	EZS2P30	75654	141
EZCSK-42	78981	170	EZP-LS854	77142	25	EZP1P30	75622	19	EZS2P36	75655	79
EZCSK-42	78981	173	EZP-LS860	77143	25	EZP1P30	75622	20	EZS2P36	75655	141
EZCSK-48	78982	164	EZP1-1000-200	90919	11	EZP1P30-S/S	78815	24	EZS2P42	75656	79
EZCSK-48	78982	167	EZP1-1000-50	90912	11	EZP1P36	75623	19	EZS2P42	75656	141
EZCSK-48	78982	170	EZP1-1200-200	90920	11	EZP1P36	75623	20	EZS2P48	75657	79
EZCSK-48	78982	173	EZP1-1200-50	90913	11	EZP1P36-S/S	78816	24	EZS2P48	75657	141
EZCSK-54	78983	164	EZP1-1400-200	90921	11	EZP1P42	75624	19	EZS2P54	75658	79
EZCSK-54	78983	167	EZP1-1400-50	90914	11	EZP1P42	75624	20	EZS2P54	75658	141
EZCSK-54	78983	170	EZP1-1500-200	90922	11	EZP1P42-S/S	78817	24	EZS2P60	75659	79
EZCSK-54	78983	173	EZP1-1500-50	90915	11	EZP1P48	75625	19	EZS2P60	75659	141
EZCSK-60	78984	164	EZP1-1600-200	90932	11	EZP1P48	75625	20	EZS2P72	75660	79
EZCSK-60	78984	167	EZP1-1800-200	90923	11	EZP1P48-S/S	78818	24	EZS2P72	75660	141
EZCSK-60	78984	170	EZP1-1800-50	90916	11	EZP1P54	75626	19	EZS2B4-4C	78855	162
EZCSK-60	78984	173	EZP1-212W	78934	15	EZP1P54	75626	20	EZS2B4-4I	78871	165
EZCSK-72	78985	164	EZP1-218W	78935	15	EZP1P54-S/S	78819	24	EZS2B4-5C	78863	162
EZCSK-72	78985	167	EZP1-224W	78936	15	EZP1P60	75627	19	EZS2B4-5I	78879	165
EZCSK-72	78985	170	EZP1-230W	78937	15	EZP1P60	75627	20	EZS2B30-4C	78886	162
EZCSK-72	78985	173	EZP1-236W	78938	15	EZP1P60-S/S	78820	24	EZS2B30-4I	78872	165
EZIB24-4L	78887	168	EZP1-242W	78939	15	EZP1P72	75772	19	EZS2B30-5C	78864	162
EZIB24-4M	78903	171	EZP1-248W	78940	15	EZP1P72	75772	20	EZS2B30-5I	78880	165
EZIB24-5L	78895	168	EZP1-254W	78941	15	EZP1P72-S/S	78821	24	EZS2B36-4C	78857	162
EZIB24-5M	78911	171	EZP1-260W	78942	15	EZP1PL	75641	19	EZS2B36-4I	78873	165
EZIB30-4L	78888	168	EZP1-272W	78943	15	EZP1PL	75641	20	EZS2B36-5C	78865	162
EZIB30-4M	78904	171	EZP1-300-50	81090	11	EZP1PL	75641	140	EZS2B36-5I	78881	165
EZIB30-5L	78896	168	EZP1-450-200	81100	11	EZP1PL-S/S	78848	24	EZS2B42-4C	78858	162
EZIB30-5M	78912	171	EZP1-450-50	81091	11	EZP1T-212	78488	12	EZS2B42-4I	78874	165
EZIB36-4L	78889	168	EZP1-600-200	90917	11	EZP1T-218	78489	12	EZS2B42-5C	78866	162
EZIB36-4M	78905	171	EZP1-600-50	90910	11	EZP1T-224	78490	12	EZS2B42-5I	78882	165
EZIB36-5L	78897	168	EZP1-800-200	90918	11	EZP1T-230	78491	12	EZS2B48-4C	78859	162
EZIB36-5M	78913	171	EZP1-800-50	90911	11	EZP1T-236	78492	12	EZS2B48-4I	78875	165
EZIB42-4L	78890	168	EZP1-UHT1424	91245	14	EZP1T-242	78493	12	EZS2B48-5C	78867	162
EZIB42-4M	78906	171	EZP1-UHT1430	91246	14	EZP1T-248	78494	12	EZS2B48-5I	78883	165
EZIB42-5L	78898	168	EZP1-UHT1436	91247	14	EZP1T-254	78495	12	EZS2B54-4C	78860	162
EZIB42-5M	78914	171	EZP1-UHT1442	91248	14	EZP1T-260	78496	12	EZS2B54-4I	78876	165
EZIB48-4L	78891	168	EZP1-UHT1448	91249	14	EZP1T-272	78497	12	EZS2B54-5C	78868	162
EZIB48-4M	78907	171	EZP1-UHT1454	91250	14	EZP1T-818	78498	12	EZS2B54-5I	78884	165
EZIB48-5L	78899	168	EZP1-UHT1460	91251	14	EZP1T-824	78499	12	EZS2B60-4C	78861	162
EZIB48-5M	78915	171	EZP1-UHT1472	91252	14	EZP1T-830	78500	12	EZS2B60-4I	78877	165
EZIB54-4L	78892	168	EZP1-UHT212	91226	14	EZP1T-836	78501	12	EZS2B60-5C	78869	162
EZIB54-4M	78908	171	EZP1-UHT218	91227	14	EZP1T-842	78502	12	EZS2B60-5I	78885	165
EZIB54-5L	78900	168	EZP1-UHT224	91228	14	EZP1T-848	78503	12	EZS2B72-4C	78862	162
EZIB54-5M	78916	171	EZP1-UHT230	91229	14	EZP1T-854	78504	12	EZS2B72-4I	78878	165
EZIB60-4L	78893	168	EZP1-UHT236	91230	14	EZP1T-860	78505	12	EZS2B72-5C	78870	162
EZIB60-4M	78909	171	EZP1-UHT242	91231	14	EZP1T-872	78506	12	EZS2B72-5I	78886	165
EZIB60-5L	78901	168	EZP1-UHT248	91232	14	EZPTBT	77384	20	EZWPK-24	78970	164
EZIB60-5M	78917	171	EZP1-UHT254	91233	14	EZPTBTHD	77385	20	EZWPK-24	78970	167
EZIB72-4L	78894	168	EZP1-UHT260	91234	14	EZPTCK	78508	20	EZWPK-24	78970	170
EZIB72-4M	78910	171	EZP1-UHT272	91235	14	EZPTCKHD	78509	20	EZWPK-24	78970	173
EZIB72-5L	78902	168	EZP1-UHT818	91236	14	EZPTMPK	78507	20	EZWPK-30	78971	164

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EZWPK-30	78971	170	FMS1500	83702	95	HP-36	78993	140	HV1050M-CS	81820	70
EZWPK-30	78971	173	FMS1800	83704	95	HP-42	78994	140	HV1050S-CS	81819	70
EZWPK-36	78972	164	FMS600-YST	83696	95	HP-48	78995	140	HV1050SS-CS	81818	70
EZWPK-36	78972	167	FMS750	83697	95	HP-54	78996	140	HV1200L-CS	81825	70
EZWPK-36	78972	170	FMS900	83698	95	HP-60	78997	140	HV1200M-CS	81824	70
EZWPK-36	78972	173	FMSC	79699	97	HP-72	78998	140	HV1200S-CS	81823	70
EZWPK-42	78973	164	H-MK1	78987	140	HPS8	73050	140	HV1200SS-CS	81822	70
EZWPK-42	78973	167	H-MK2	78801	140	HSA8L	73063	70	HV1350L-CS	81827	70
EZWPK-42	78973	170	H2P18	79358	67	HSA8L	73063	72	HV1350LL-CS	81828	70
EZWPK-42	78973	173	H2P24	79359	67	HSA8L	73063	74	HV1350M-CS	81826	70
EZWPK-48	78974	164	H2P30	79360	67	HSA8L	73063	140	HV1500L-CS	81830	70
EZWPK-48	78974	167	H2P36	79361	67	HSA8LL	73064	70	HV1500LL-CS	81831	70
EZWPK-48	78974	170	H2P42	79362	67	HSA8LL	73064	72	HV1500M-CS	81829	70
EZWPK-48	78974	173	H2P48	79363	67	HSA8LL	73064	74	HV1600L-CS	81833	70
EZWPK-54	78975	164	H2P54	79364	67	HSA8L	73064	140	HV1600LL-CS	81834	70
EZWPK-54	78975	167	H2P60	79365	67	HSA8M	73049	70	HV1600M-CS	81832	70
EZWPK-54	78975	170	H2P72	79366	67	HSA8M	73049	72	HV1800L-CS	81836	70
EZWPK-54	78975	173	H2RC	79374	67	HSA8M	73049	74	HV1800LL-CS	81837	70
EZWPK-60	78976	164	H2SA6L	79372	65	HSA8M	73049	75	HV1800M-CS	81835	70
EZWPK-60	78976	167	H2SA6L	79372	67	HSA8M	73049	140	HV2-18M	79325	65
EZWPK-60	78976	170	H2SA6LL	79373	65	HSA8S	73048	70	HV2-18S	79324	65
EZWPK-60	78976	173	H2SA6LL	79373	67	HSA8S	73048	72	HV2-18SS	79323	65
EZWPK-72	78977	164	H2SA6M	79371	65	HSA8S	73048	75	HV2-24M	79328	65
EZWPK-72	78977	167	H2SA6M	79371	67	HSA8S	73048	140	HV2-24S	79327	65
EZWPK-72	78977	170	H2SA6S	79370	65	HSA8S	73048	74	HV2-24SS	79326	65
EZWPK-72	78977	173	H2SA6S	79370	67	HSA8SS	73047	70	HV2-30M	79331	65
FFCK	75661	79	H2SA6SS	79369	65	HSA8SS	73047	72	HV2-30S	79330	65
FL-ACT	70186	217	H2SA6SS	79369	67	HSA8SS	73047	74	HV2-30SS	79329	65
FL-ADH-0.8	75017	217	H78P18	76110	74	HSA8SS	73047	75	HV2-36L	79335	65
FL-CP-I	71141	210	H78P24	76111	74	HSA8SS	73047	140	HV2-36M	79334	65
FL-CP-I	71141	210	H78P30	76112	74	HSA8SS	75565	140	HV2-36S	79333	65
FL-CP-ISS	71164	210	H78P36	76113	74	HSSCS	74772	74	HV2-36SS	79332	65
FL-L	76470	212	H78P42	76114	74	HSSCS	74772	140	HV2-42L	79339	65
FL-M	76469	212	H78P48	76115	74	HSSTS	74771	74	HV2-42LL	79340	65
FL-PC-ISS	71168	210	H78P54	76116	74	HSSTS	74771	140	HV2-42M	79338	65
FL-PKIT-ML	77250	212	H78P60	76117	74	HTF212	76658	13	HV2-42S	79337	65
FL-PKIT-XL	77251	212	H78P72	76118	74	HTF218	76659	13	HV2-42SS	79336	65
FL-PR-0.75	70189	217	HAR-K	78786	19	HTF224	76660	13	HV2-48L	79344	65
FL-RBI	71060	210	HAR-K	78786	140	HTF230	76661	13	HV2-48LL	79345	65
FL-RBI	71061	210	HARK-S/S	77364	123	HTF236	76662	13	HV2-48M	79343	65
FL-RPI	71058	210	HTBK	74776	140	HTF242	76663	13	HV2-48S	79342	65
FL-RPI	71059	210	HDARK	74550	140	HTF248	76664	13	HV2-48SS	79341	65
FL-XL	76983	212	HDARK-S/S	77331	123	HTF254	76665	13	HV2-54L	79348	65
FLCK	77729	212	HDR24	79010	138	HTF260	76666	13	HV2-54LL	79349	65
FLCP	76479	212	HDR30	79011	138	HTF272	76667	13	HV2-54M	79347	65
FLEL-L	76473	212	HDR36	79012	138	HTS18	76085	77	HV2-54S	79346	65
FLEL-M	76472	212	HDR42	79013	138	HTS24	76086	77	HV2-60L	79352	65
FLELK-XL	76986	212	HDR48	79014	138	HTS30	76087	77	HV2-60LL	79353	65
FLELP	76474	212	HDR54	79015	138	HTS36	76088	77	HV2-60M	79351	65
FLM-PC	71140	210	HDR60	79016	138	HTS42	76089	77	HV2-60S	79350	65
FLRLB-L	76481	212	HDRBK	79009	138	HTS48	76090	77	HV2-72L	79356	65
FLRLB-M	76482	212	HDRBK-HD	79072	138	HTS54	76091	77	HV2-72LL	79357	65
FLRP	76478	212	HDRGEK	79236	138	HTS60	76092	77	HV2-72M	79355	65
FLSC-I	71053	210	HDERR24	79019	138	HTS72	76093	77	HV2-72S	79354	65
FLSC-I-BULK	71054	210	HDERR30	79020	138	HTSCK	76094	77	HV2PT	79368	65
FLSC-ISS	75778	210	HDERR36	79021	138	HTSCK	76094	79	HV2PT	79368	67
FLSCM-I	71055	210	HDERR42	79022	138	HTTS	74141	139	HV2SSTS	79375	67
FLSCM-I-BULK	71100	210	HDERR48	79023	138	HTTS-HT	79068	75	HV2T-S/S	79367	65
FLT-W-L	76477	212	HDERR54	79024	138	HTV18S	74828	75	HV2T-S/S	79367	67
FLT-W-M	76476	212	HDERR60	79025	138	HTV18SS	74821	75	HV450M-CS	81807	70
FLT-W-XL	76985	212	HDERR72*	79026	138	HTV24S	74829	75	HV450S-CS	81806	70
FLVRL-XL	76984	212	HDERR84*	79027	138	HTV24SS	74822	75	HV450SS-CS	81805	70
FMS-18	79637	95	HDRS72*	79017	138	HTV30S	74830	75	HV600M-CS	81810	70
FMS-18V	79646	95	HDRS84*	79018	138	HTV30SS	74823	75	HV600S-CS	81809	70
FMS-24V	79647	95	HDT5	74502	19	HTV36M	74838	75	HV600SS-CS	81808	70
FMS-30V	79648	95	HDT5	74502	122	HTV36S	74831	75	HV750M-CS	81813	70
FMS-36V	79649	95	HDT5	74502	140	HTV36SS	74824	75	HV750S-CS	81812	70
FMS-42V	79650	95	HDT5-S/S	75586	123	HTV42M	74839	75	HV750SS-CS	81811	70
FMS-48V	79651	95	HFC2	75901	74	HTV42S	74832	75	HV900L-CS	81817	70
FMS-54V	79652	95	HFC2	75901	140	HTV42SS	74825	75	HV900M-CS	81816	70
FMS-60V	79653	95	HOBK	76399	67	HTV48M	74840	75	HV900S-CS	81815	70
FMS-72V	79654	95	HOBK	76399	74	HTV48S	74833	75	HV900SS-CS	81814	70
FMS1050	83699	95	HP-18	78990	140	HTV48SS	74826	75	HVP-18L	76268	72
FMS1200	83700	95	HP-24	78991	140	HTV42LL	76253	70	HVP-18M	76267	72

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HVP-24M	76269	72	HXF2-S	75980	140	IDSEAL	79315	134	LSP60	77078	29
HVP-24S	76125	72	HXF2-SS	75979	68	IEA-42-60	76937	187	LSP60-S/S	77087	33
HVP-30L	76272	72	HXF2-SS	75979	74	IEA-72-96	76938	187	LST-B/S/S	77124	33
HVP-30M	76271	72	HXF2-SS	75979	140	IMK	76936	181	LST-P	77121	29
HVP-30S	76126	72	HXF8L	74691	68	IMK	76936	183	LST-S	77123	29
HVP-36L	76274	72	HXF8L	74691	140	IMK	76936	185	LST-TAK	77120	29
HVP-36M	76273	72	HXF8M	74690	68	INDR-1212	79303	134	LST-W	77122	29
HVP-36S	76127	72	HXF8M	74690	140	INDR-1212S	79307	134	LST-W/S/S	77125	33
HVP-42L	76276	72	HXF8S	74689	68	INDR-1218	79304	134	LST-W/S/S-2	77126	33
HVP-42M	76275	72	HXF8S	74689	140	INDR-1218S	79308	134	LSTMPK	77366	29
HVP-42S	76128	72	HXF8SS	74307	68	INDR-1824	79305	134	LSTMPK-S/S	78933	33
HVP-48L	76278	72	HXF8SS	74307	140	INDR-1824S	79309	134	LSTMPK2-S/S	78462	33
HVP-48LL	76279	72	HXFC2	75902	74	INDR-2424	79306	134	LSTPB-RK	77367	29
HVP-48M	76277	72	HXFC2	75902	140	INDR-2424S	79310	134	MAK	74918	206
HVP-48S	76129	72	IB4	76926	167	ISABK	76935	187	MAK-S/S	90048	207
HVP-54L	76281	72	IB4	76926	170	ISABK-LMH	77529	181	MAK2	79381	206
HVP-54LL	76282	72	IB4	76926	173	ISABK-LMH	77529	183	MAKHD	74919	206
HVP-54M	76280	72	IB4	76926	181	ISABK-LMH	77529	185	MAKHD-S/S	90049	207
HVP-54S	76130	72	IB4	76926	183	ISC	74534	141	MAKHD2	79382	206
HVP-60L	76284	72	IB4	76926	185	JNK-A	79891	19	MAKSD	74920	206
HVP-60LL	76285	72	IB4-1U	76965	189	JNK-B	79892	29	MAKSD-S/S	90057	207
HVP-60M	76283	72	IB5	76927	167	JNK-C	79893	39	MAPEK	76024	132
HVP-60S	76131	72	IB5	76927	170	JNK-C	79893	47	MBADB	79527	130
HVP-72L	76287	72	IB5	76927	173	JNK-C	79893	67	MBC-18	79494	128
HVP-72LL	76288	72	IB5	76927	181	JNK-C	79893	74	MBC-18-575V	79914	128
HVP-72M	76286	72	IB5	76927	183	JNK-C	79893	105	MBC-24	79495	128
HVP-72S	76132	72	IB5	76927	185	JNK-C	79893	119	MBC-24-575V	79915	128
HVPT	73631	72	IB5	76927	187	JNK-C	79893	122	MBC-30	79496	128
HVPT	73631	74	IB5-1U	76966	189	JNK-C	79893	127	MBC-30-575V	79916	128
HVPT	73631	140	IBBK	76928	164	JNK-D	79894	55	MBC-36	79497	128
HVT8-S/S	75419	70	IBBK	76928	167	JNK-D	79894	60	MBC-36-575V	79917	128
HVT8-S/S	75419	74	IBBK	76928	170	JNK-E	79895	119	MBC-42	79498	128
HVT8-S/S	75419	75	IBBK	76928	173	JNK-F	79896	122	MBC-42-575V	79918	128
HVT8-S/S	75419	140	IBBK	76928	181	LAGGING-TB	79080	217	MBC-48	79499	128
HW-BC	74100	139	IBBK	76928	183	LAGGING-TB2	79099	217	MBC-48-575V	79919	128
HW-IMPB	76939	189	IBBK	76928	185	LS-BP	77114	29	MBC-54	79500	128
HXF2-18M	76290	68	IBBK	76928	187	LS-BP-S/S	77115	33	MBC-54-575V	79920	128
HXF2-18S	76289	68	IBS-D5	77530	187	LS-SPK	77365	29	MBC-60	79501	128
HXF2-18SS	76138	68	IBS-H4	76933	185	LS-SS	77118	29	MBC-60-575V	79921	128
HXF2-24M	76292	68	IBS-H5	76934	185	LS-SW	77117	29	MBC-72	79502	128
HXF2-24S	76291	68	IBS-L4	76929	181	LS-SW-S/S	78850	33	MBC-72-575V	79922	128
HXF2-24SS	76139	68	IBS-L5	76930	181	LSHDP-RPK	30390	213	MBC-84	79503	128
HXF2-30M	76294	68	IBS-M4	76931	173	LSHDO30	30393	213	MBC-84-575V	79923	128
HXF2-30S	76293	68	IBS-M4	76931	183	LSHDO36	30394	213	MBCB	79526	130
HXF2-30SS	76140	68	IBS-M5	76932	173	LSHDO42	30395	213	MBCBC	79525	130
HXF2-36L	76297	68	IBS-M5	76932	183	LSHDO48	30396	213	MBCBL	79532	130
HXF2-36M	76296	68	ICT6	74535	76	LSHDO54	30397	213	MBCBM	79528	130
HXF2-36S	76295	68	ICT6	74535	77	LSHDO60	30398	213	MBCDBK	79536	128
HXF2-36SS	76141	68	ICT6	74535	79	LSHDO72	30399	213	MBCDBK	79536	130
HXF2-42L	76300	68	ICT6	74535	88	LSHDB30-2	30418	213	MBCDBK	79536	132
HXF2-42M	76299	68	ICT6	74535	89	LSHDB36-2	30414	213	MBCCEC	79534	130
HXF2-42S	76298	68	ICT6	74535	91	LSHDB42-2	30421	213	MBCM-1	79529	130
HXF2-42SS	76142	68	ICT6	74535	92	LSHDB48-2	30423	213	MBCM-2	79530	130
HXF2-48L	76303	68	ICT6	74535	94	LSHDB54-2	30424	213	MBCM-575-1	79924	130
HXF2-48M	76302	68	ICT6	74535	95	LSHDB60-2	30430	213	MBCM-575-2	79925	130
HXF2-48S	76301	68	ICT6	74535	97	LSHDB72-2	30408	213	MBCM-K	79524	130
HXF2-48SS	76143	68	ICT6	74535	98	LSHDCBS	30373	213	MBCM KK	79533	130
HXF2-54L	76306	68	ICT6	74535	100	LSHDL	30400	213	MBCTA	79531	130
HXF2-54M	76305	68	ICT6	74535	101	LSHDS	30392	213	MBDS-18	79504	130
HXF2-54S	76304	68	ICT6	74535	105	LSP12	77070	29	MBDS-24	79505	130
HXF2-54SS	76144	68	ICT6	74535	107	LSP12-S/S	77079	33	MBDS-30	79506	130
HXF2-60L	76308	68	ICT6	74535	108	LSP18	77071	29	MBDS-36	79507	130
HXF2-60M	76307	68	ICT6	74535	111	LSP18-S/S	77080	33	MBDS-42	79508	130
HXF2-60S	76145	68	ICT6	74535	112	LSP24	77072	29	MBDS-48	79509	130
HXF2-72L	76310	68	ICT6	74535	115	LSP24-S/S	77081	33	MBDS-54	79510	130
HXF2-72M	76309	68	ICT6	74535	116	LSP30	77073	29	MBDS-60	79511	130
HXF2-72S	76146	68	ICT6	74535	119	LSP30-S/S	77082	33	MBDS-72	79512	130
HXF2-L	75982	68	ICT6	74535	141	LSP36	77074	29	MBDS-84	79513	130
HXF2-L	75982	74	ICT6-S/S	78700	107	LSP36-S/S	77083	33	MBRD-18	79514	128
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MBRD-48	79519	130	MHCP-2BC72	76645	60	MHP-1854	78594	49	MHS-18RUV	79748	100
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MBRD-84	79523	128	MHCP-42P	78726	56	MHP-1884P	78624	50	MHS-24RU	79738	100
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MCB	74925	205	MHCP-48P	78727	56	MHP-1896P	78625	50	MHS-24V-ESAC	77853	116
MCB	74925	206	MHCP-48S	75933	56	MHP-24108	90157	49	MHS-24V-MST	79443	99
MCB	74925	207	MHCP-54P	78728	56	MHP-24108P	90165	50	MHS-24V-S/S	77610	103
MCBK	76025	205	MHCP-54S	75934	56	MHP-24120	90158	49	MHS-30-ESAC	77841	116
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MCBKHD	76026	205	MHCP-72P	78730	56	MHP-2442P	78676	50	MHS-30R-S/S	77641	103
MCBKHD	76026	206	MHCP-72S	75936	56	MHP-2448	78670	49	MHS-30RMV	79626	99
MCBKHD	76026	207	MHCP-84P	78731	56	MHP-2448P	78677	50	MHS-30RU	79739	100
MCBKSD	76027	206	MHCP-84S	76800	56	MHP-2454	78671	49	MHS-30RUV	79750	100
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MCBSD	74926	206	MHCP-96S	78955	56	MHP-2460	78672	49	MHS-30V-MST	79444	99
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MCS	74930	205	MHCP-BCK60	75959	58	MHP-2496P	78682	50	MHS-36RU	79740	100
MCS	74930	206	MHCP-BCK72	75960	58	MHP-6108	90151	49	MHS-36RUV	79751	100
MCS	74930	207	MHCP-BCK84	76810	58	MHP-6108P	90159	50	MHS-36V-ESAC	77855	116
MCSHD	74931	205	MHCP-BCK96	78957	58	MHP-6120	90152	49	MHS-36V-MST	79445	99
MCSHD	74931	206	MHCP-BPA24	75945	58	MHP-6120P	90160	50	MHS-36V-S/S	77612	103
MCSHD	74931	207	MHCP-BPA30	75946	58	MHP-624	77703	49	MHS-42-ESAC	77843	116
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MCSKHD	74928	205	MHCP-BPA54	75950	58	MHP-636	77705	49	MHS-42RMV	79628	99
MCSKHD	74928	206	MHCP-BPA60	75951	58	MHP-636P	78601	50	MHS-42RU	79741	100
MCSKHD	74928	207	MHCP-BPA72	75952	58	MHP-642	77706	49	MHS-42RUV	79752	100
MCSKSD	74929	206	MHCP-BPA84	76809	58	MHP-642P	78602	50	MHS-42V-ESAC	77856	116
MCSKSD	74929	207	MHCP-BPA96	78956	58	MHP-648	77707	49	MHS-42V-MST	79446	99
MCSSD	74932	206	MHCP-BS	76394	60	MHP-648P	78603	50	MHS-42V-S/S	77613	103
MCSSD	74932	207	MHCP-CH	76393	60	MHP-654	77708	49	MHS-48-ESAC	77844	116
MDWS-24	75868	124	MHP-12108	90153	49	MHP-654P	78604	50	MHS-48-S/S	77605	103
MDWS-24P	78745	124	MHP-12108P	90161	50	MHP-660	77709	49	MHS-48P	78740	101
MDWS-30	75869	124	MHP-12120	90154	49	MHP-660P	78605	50	MHS-48R-S/S	77644	103
MDWS-30P	78746	124	MHP-12120P	90162	50	MHP-672	77710	49	MHS-48RMV	79629	99
MDWS-36	75870	124	MHP-1230	77713	49	MHP-672P	78606	50	MHS-48RU	79742	100
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MDWS-48P	78749	124	MHP-1242P	78611	50	MHP-CP24	75961	60	MHS-54-ESAC	77845	116
MDWS-54	75873	124	MHP-1248	77716	49	MHP-CP30	75962	60	MHS-54-S/S	77606	103
MDWS-54P	78750	124	MHP-1248P	78612	50	MHP-CP36	75963	60	MHS-54P	78741	101
MDWS-60	75874	124	MHP-1254	77717	49	MHP-CP42	75964	60	MHS-54R-S/S	77645	103
MDWS-60P	78751	124	MHP-1254P	78613	50	MHP-CP48	75965	60	MHS-54RMV	79630	99
MDWS-72	75875	124	MHP-1260	77718	49	MHP-CP54	75966	60	MHS-54RU	79743	100
MDWS-72P	78752	124	MHP-1260P	78614	50	MHP-CP60	75967	60	MHS-54RUV	79754	100
MDWS-84	76806	124	MHP-1272	77719	49	MHP-CP72	75968	60	MHS-54V-ESAC	77858	116
MDWS-84P	78753	124	MHP-1272P	78615	50	MHP-CP84	76811	60	MHS-54V-MST	79448	99
MDWS-96	79063	124	MHP-1284	77720	49	MHP-CP96	78958	60	MHS-54V-S/S	77615	103
MDWS-96P	79064	124	MHP-1284P	78616	50	MHP-EP	76392	47	MHS-60-2ESAC	77848	116
MFASK	75531	206	MHP-1296	77721	49	MHP-EP	76392	55	MHS-60-ESAC	77846	116
MFASK-S/S	90050	207	MHP-1296P	78617	50	MHP-EP	76392	60	MHS-60-S/S	77607	103
MFASKHD	79571	206	MHP-18108	90155	49	MHP-EP	76392	111	MHS-60P**	78742	101
MHCP-24P	78723	56	MHP-18108P	90163	50	MHP-EP	76392	115	MHS-60R-S/S	77646	103
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MHS-84RUV	79757	100	MHS2400	82515	98	MIB42WPK	90248	179	MMP-1860	77579	41
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PHA	73626	91	PTEZ-30	90267	194	PTMA48T	90364	201	PTMSD96R	74911	202
PHA	73626	111	PTEZ-36	90268	194	PTMA48VR	90374	201	PTMSD96R-S/S	90040	203
PLSC18	75588	89	PTEZ-42	90269	194	PTMA54R	90370	201	PTMSD96T	74897	202
PLSC24	75589	89	PTEZ-48	90270	194	PTMA54T	90365	201	PTMSD96T-S/S	90036	203
PLSC30	75590	89	PTEZDC	90353	194	PTMA54VR	90375	201	PTMSD96VR	90053	202
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PTS-24R	77665	198	QMT-G-S/S	77586	40	R-CARK-C60/1500	78104	113	RBAGSCM-58	76579	149
PTS-30R	77666	198	QMT-G-S/S	77586	48	R-CARK-C72/1800	78105	113	RBAGSCM-70	76581	149
PTS-30R-UG	77673	198	QMT-P	76074	39	R-CARK-V24/600	78106	113	RBAS4-18	76032	151
PTS-36R	77667	198	QMT-P	76074	47	R-CARK-V30/750	78107	113	RBAS4-24	76033	151
PTS-36R-UG	77674	198	QMT-P	76074	67	R-CARK-V36/900	78108	113	RBAS4-30	76034	151
PTS-42R	77668	198	QMT-P	76074	74	R-CARK-V42/1050	78109	113	RBAS4-36	76035	151
PTS-42R-UG	77675	198	QMT-P-S/S	77584	40	R-CARK-V48/1200	78110	113	RBAS4-42	76036	151
PTS-48R	77669	198	QMT-P-S/S	77584	48	R-CARK-V54/1350	78111	113	RBAS4-48	76037	151
PTS-48R-UG	77676	198	QMT-S	79039	47	R-CARK-V60/1500	78112	113	RBAS4-54	76038	151
PTS-54R	77670	198	QMT-S	79039	67	R-CARK-V72/1800	78113	113	RBAS4-60	76039	151
PTS-54R-UG	77677	198	QMT-S	79039	74	R-CARK2-C120/3000	78118	113	RBAS4-72	76040	151
PTS-60R	77671	198	QMT-S-S/S	79059	48	R-CARK2-C60/1500	78114	113	RBDT-6C	90614	155
PTS-60R-UG	77678	198	QMT-W	76075	39	R-CARK2-C72/1800	78115	113	RBDTXHD-13C	90615	156
PTS-72R	77672	198	QMT-W	76075	47	R-CARK2-C84/2100	78116	113	RBDTXHD-6.5C	77517	156
PTS-72R-UG	77679	198	QMT-W	76075	67	R-CARK2-C96/2400	78117	113	RBP1R-L	90648	191
PTS-AHDSR	93090	200	QMT-W	76075	74	R-CARK2-V120/3000	78123	113	RBP1R-M	90647	191
PTS-ASR	93089	200	QMT-W-S/S	77585	40	R-CARK2-V60/1500	78119	113	RBP1R-S	90646	191
PTS-DRK	90100	200	QMT-W-S/S	77585	48	R-CARK2-V72/1800	78120	113	RBP1R-XL	90649	191
PTS-EBK	77702	200	QMTBK-G	76540	39	R-CARK2-V84/2100	78121	113	RBP1S-L	74560	191
PTS-HDSR	77692	200	QMTBK-G	76540	40	R-CARK2-V96/2400	78122	113	RBP1S-M	74559	191
PTS-HBK	77697	200	QMTBK-G	76540	47	RAPEK	77423	132	RBP1S-S	74558	191
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PTS-MBK	77700	200	QMTBK-P	76097	40	RB38BP	79481	152	RBPFL-M	75523	193
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PTS-RR75	77689	198	QMTPAK-S/S	77587	40	RBAGM-28	77108	148	RBQBI-18/450	90936	146
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PV36-ESAC	77983	108	QMTS-P	75845	47	RBAGS-42	76971	148	RBQBI-70/1750	90952	146
PV42-ESAC	77984	108	QMTS-P	75845	67	RBAGS-46	76028	148	RBQBI-72/1800	90953	146
PV48-ESAC	77985	108	QMTS-P	75845	74	RBAGS-48	76972	148	RBQC1HD-12	75985	145
PV54-ESAC	77986	108	QMTS-P	75845	122	RBAGS-52	76029	148	RBQC1HD-18	75986	145
PV60-2ESAC	77989	108	QMTS-P-S/S	77450	24	RBAGS-54	76973	148	RBQC1HD-24	75987	145
PV60-ESAC	77987	108	QMTS-P-S/S	77450	40	RBAGS-58	76030	148	RBQC1HD-30	75988	145
PV72	73438	88	QMTS-P-S/S	77450	48	RBAGS-60	76974	148	RBQC1HD-36	75989	145
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PV72-ESAC	77988	108	QMTS-W-S/S	77451	24	RBAGS-72	76975	148	RBQC1HD-48	75991	145
PV84-2ESAC	77991	108	QMTS-W-S/S	77451	40	RBAGS-84	76976	148	RBQC1HD-54	75992	145
PV96-2ESAC	77992	108	QMTS-W-S/S	77451	48	RBAGSCM-16	76572	149	RBQC1HD-66	75993	145
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RC2000	81376	92	RDRXH-72-520	81344	185	RP-24	78427	94	SACPL-30/750	77888	119
RC2100	81377	92	RDRXH-72-535	81346	185	RP-30	78428	94	SACPL-36/900	77889	111
RC24-ESAC	77968	112	RDRXL-24-420	81251	181	RP-36	78429	94	SACPL-36/900	77889	115
RC2400	81378	92	RDRXL-24-435	81253	181	RP-42	78430	94	SACPL-36/900	77889	119
RC30-ESAC	77969	112	RDRXL-24-520	81252	181	RP-48	78431	94	SACPL-42/1050	77890	111
RC36-ESAC	77970	112	RDRXL-24-535	81254	181	RP-54	78432	94	SACPL-42/1050	77890	115
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RC450	81367	92	RDRXL-30-435	81257	181	RP-72	74612	94	SACPL-48/1200	77891	111
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RCAP-42/1050	77924	115	RDRXL-54-420	81271	181	RSA150	73628	98	SACPL2-60/1500	77895	111
RCAP-48/1200	77925	115	RDRXL-54-435	81273	181	RSA150	73628	99	SACPL2-60/1500	77895	115
RCAP-54/1350	77926	115	RDRXL-54-520	81272	181	RSA150	73628	100	SACPL2-60/1500	77895	119
RCAP-60/1500	77927	115	RDRXL-54-535	81274	181	RSA150	73628	101	SACPL2-72/1800	77896	111
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SB5	78790	164	SKPU-6X5/8X50	91302	208	SSTHK	79070	127	TEN-LOCK-KIT	77443	133
SB5	78790	167	SKPU-8X1X25	91306	208	SSTHK-S/S	79071	107	TRB-HT102	92704	45
SB5	78790	170	SKPU-8X1X50	91224	208	SSTLBK	79493	105	TRB-HT108	92710	45
SB5	78790	173	SKPU-8X1X50	91309	208	SSTLBK	79493	107	TRB-HT114	92716	45
SB5	78790	181	SKPU-8X3/4X50	91225	208	SSTLBK	79493	119	TRB-HT18	78754	45
SB5	78790	183	SKPU-8X3/8X35	91304	208	SSTLBK	79493	127	TRB-HT24	78755	45
SB5	78790	185	SKPU-8X3/8X50	91307	208	SSTLMB	76072	132	TRB-HT30	78756	45
SB5	78790	187	SKPU-8X5/8X35	91305	208	SSTOTA	76073	132	TRB-HT36	78757	45
SE6-R36	90220	205	SKPU-8X5/8X50	91308	208	SSTSMB	76071	132	TRB-HT42	78758	45
SE6-R42	90221	205	SKPUT-12X5/8X50	91327	208	SSTXD-B	91410	105	TRB-HT48	78759	45
SE6-R48	90222	205	SPBV	74742	136	SSTXD-B	91410	127	TRB-HT54	78760	45
SE6-R54	90223	205	SPCP	74734	136	SSTXD-G	91411	105	TRB-HT60	78761	45
SE6-R60	90224	205	SPG	74747	136	SSTXD-G	91411	127	TRB-HT66	78762	45
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SE6-T72/VR48	90232	205	SPG-CVR-H	77741	133	STAK	75847	105	TRB-UHT114	92800	45
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SHIM-KITL	77548	170	SPK60	74716	136	STGK2	77867	119	TRB-UHT66	91873	45
SHIM-KITL	77548	181	SPK72	74717	136	STGK2	77867	127	TRB-UHT72	91874	45
SHIM-KITM	77549	173	SPKHD120	74721	136	STGK2	77867	127	TRB-UHT78	91875	45
SHIM-KITM	77549	183	SPKHD42	74952	136	STGK2-S/S	77635	107	TRB-UHT84	91876	45
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