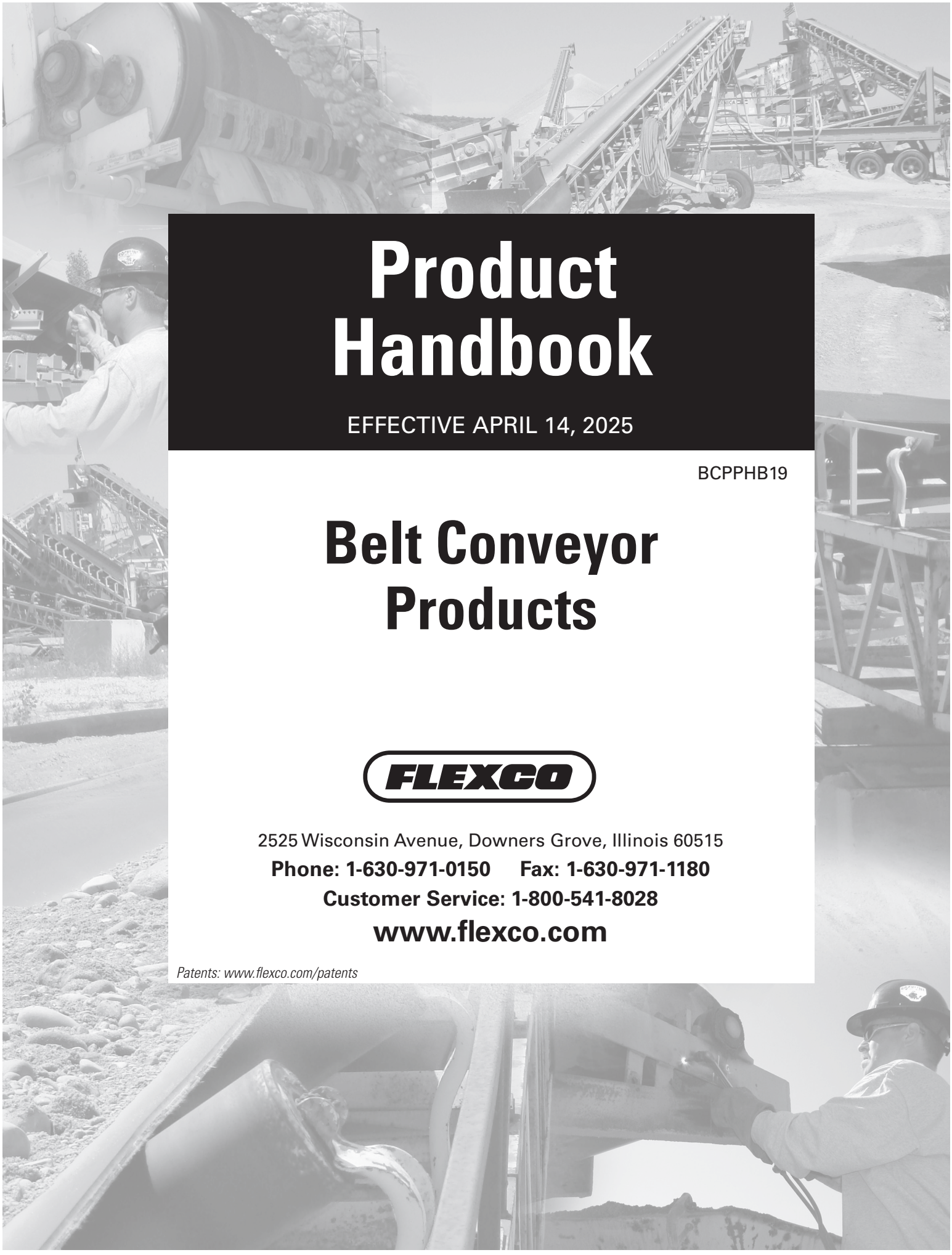

Product Handbook

EFFECTIVE APRIL 14, 2025

BCPPHB19

Belt Conveyor Products

FLEXCO

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Pages 2–3 intentionally omitted.

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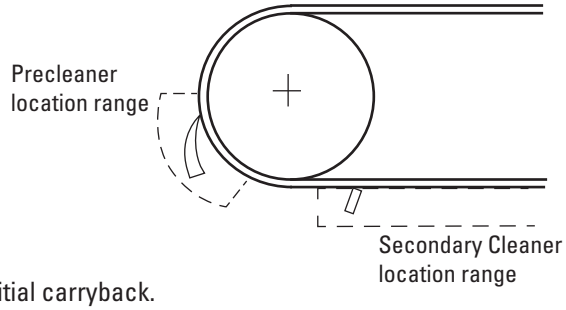
Belt Cleaner Information and Selection Guide

Why Are Belt Cleaners Needed?

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

Types of Belt Cleaners

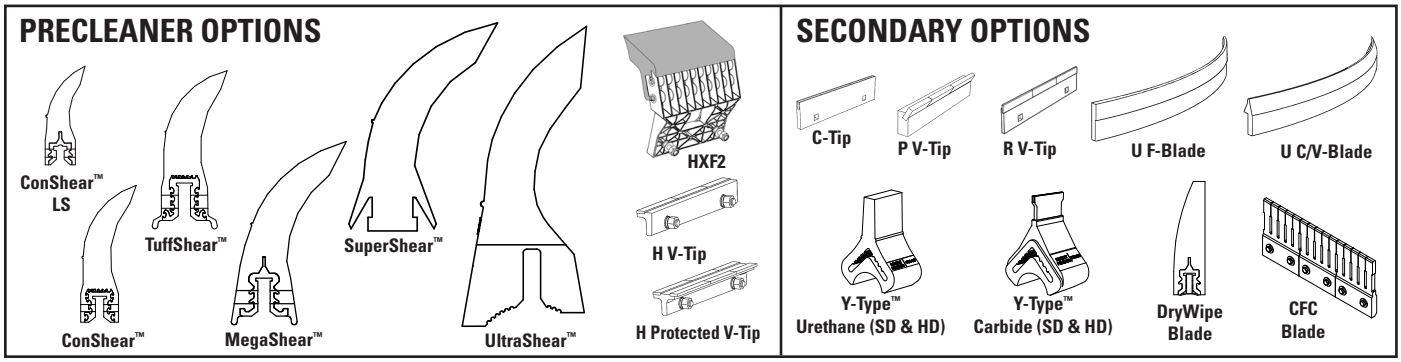


- **Precleaners**
  - Mounted on the head pulley.
  - Mounted below the material flow.
  - Blade is always narrower than the belt width.
  - Ideally, the blade covers just the belt's material path.
  - Removes the big stuff. Typically cleans off up to 80% of the initial carryback.
- **Secondary Cleaners**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

Definition of Terms

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

Types of Cleaner Blades

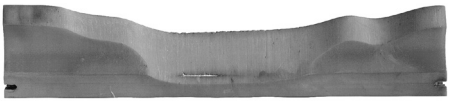


F-Tip/Blade - for mechanically fastened belts; **V-Tip/Blade** - for vulcanized belts only; **C-Tip/Blade** - for both

Polyurethane Blades

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

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

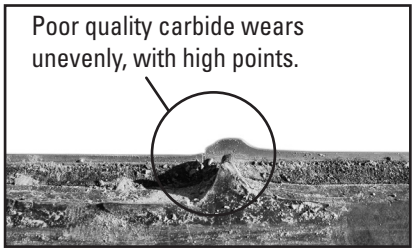


Less advanced polyurethane formulations result in blades that experience quicker wear and provide less efficient cleaning.

Tungsten Carbide

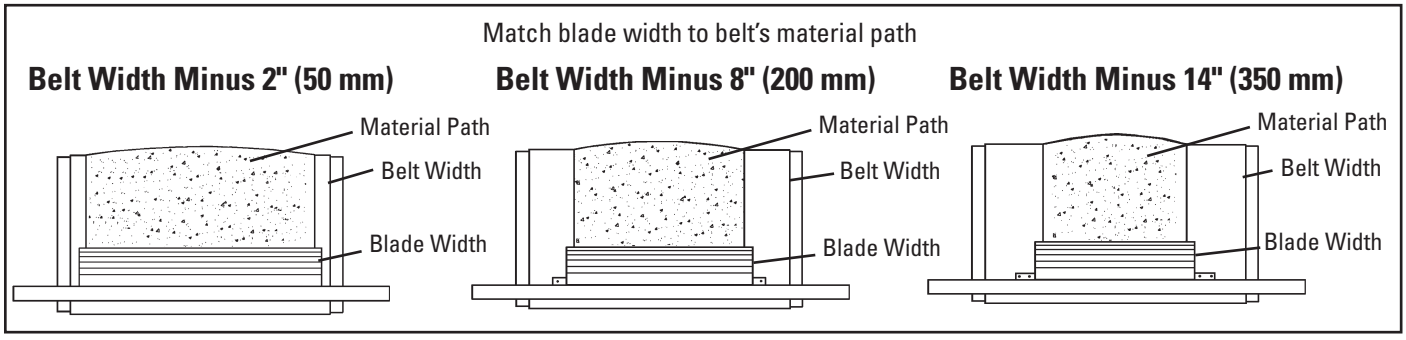
Excellent for superior cleaning efficiency and long wear. The quality and application of carbides can vary. Flexco has invested years of research and testing to develop tungsten carbide tips for both vulcanized and mechanically fastened belts. And a quality process ensures consistent results.

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

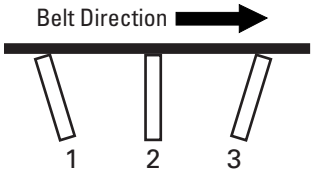


The "Material Path" Option (for Precleaners)

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



Blade Angle (Secondary Cleaners)



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

Belt Cleaning Systems

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

Keys to Good Belt Cleaning

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

Spec'ing and Ordering Belt Cleaners

10 Key Criteria for Analyzing Your Conveyor System:

1. Your belt speed and belt width
2. What types of splices are present and their condition
3. Any unusual characteristics of your load or environment (extreme heat, abrasiveness, mud, etc.)—a specialty cleaner that can withstand these conditions may be necessary
4. Whether the belt reverses
5. Your conveyor structure width
6. Your pulley diameter—typically, the larger the pulley, the larger the required cleaner
7. Your pulley condition—if the pulley is worn or not perfectly round, a segmented blade may clean more effectively
8. Where you plan to position the cleaner and how much room there is to accommodate it
9. The material's path on the belt—matching the cleaner to the material path reduces differential blade wear
10. Your desired level of performance and upkeep

Precleaner Selection Guide

PRECLEANER SPECIFICATION CHART

Application Description	EZP-LS	EZP1	MSP	MMP	MHP	MHCP	MXP
Belt Width*	12–60" (300–1500 mm)	12–72" (300–1800 mm)	24–84" (600–2100 mm)	24–96" (600–2400 mm)	24–96" (600–2400 mm)	24–96" (600–2400 mm)	42–120" (1050–3000 mm)
Belt Speed	500 fpm (2.5 m/s)	700 fpm (3.5 m/s)	700 fpm (3.5 m/s)	1000 fpm (5 m/s)	1500 fpm (7.5 m/s)	1200 fpm (6 m/s)	2000 fpm (10 m/s)
Head Pulley Diameter	6–22" (150–550 mm)	10–36" (250–900 mm)	16–42" (400–1050 mm)	16–48" (400–1200 mm)	20–84" (500–2100 mm)	20–84" (500–2100 mm)	48–96" (1200–2400 mm)
Reversing Belts	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mechanical Fasteners	Yes	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*	18–72" (450–1800 mm)	18–72" (450–1800 mm)	18–48" (450–1200 mm)	18–72" (450–1800 mm)
Belt Speed	1000 fpm (5 m/s)	1500 fpm (7.5 m/s)	1000 fpm (5 m/s)	1500 fpm (7.5 m/s)
Head Pulley Diameter	10–47" (250–1175 mm)	10–67" (250–1675 mm)	8–35" (200–875 mm)	10–67" (250–1675 mm)
Reversing Belts	Yes	Yes	Yes	Yes
Mechanical Fasteners	Yes	No	No	No

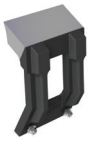
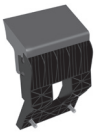
*Special sizes available upon request.

PRECLEANER BLADE SPECIFICATIONS

Blade Type	ConShear™ LS	ConShear™ Standard	ConShear™ LS (White) (Chemical Resistant/ Food Grade) ‡	ConShear™ (White) (Chemical Resistant/Food Grade) ‡	ConShear™ LS High-Temp (Yellow)	ConShear™ High-Temp (Yellow)	ConShear Ultra High-Temp (Red)	TuffShear™	TuffShear™ High-Temp (Yellow)
Belt Speed	500 fpm (2.5 m/s)	700 fpm (3.5 m/s)	500 fpm (2.5 m/s)	700 fpm (3.5 m/s)	500 fpm (2.5 m/s)	700 fpm (3.5 m/s)	700 fpm (3.5 m/s)	1000 fpm (5 m/s)	1000 fpm (5 m/s)
Temperature Range	-30–180°F (-35–82°C)	-30–180°F (-35–82°C)	-30–180°F (-35–82°C)	-30–180°F (-35–82°C)	up to 275°F (135°C) with spikes to 325°F (163°C)	up to 275°F (135°C) with spikes to 325°F (163°C)	up to 400°F (200°C) with spikes to 450°F (232°C)	-30–180°F (-35–82°C)	up to 275°F (135°C) with spikes to 325°F (163°C)
Polyurethane	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Durometer	83	83	83	83	93	93	90	83	93
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	MegaShear™	SuperShear™	UltraShear™	 HXF	 HXF2	H V-Tip	H Protected V-Tip	HV2 Tip	Protected HV2 Tip
Belt Speed	1500 fpm (7.5 m/s)	1200 fpm (6 m/s)	2000 fpm (10 m/s)	700 fpm (3.5 m/s)	700 fpm (3.5 m/s)	1000 fpm (5 m/s)	1000 fpm (5 m/s)	1500 fpm (7.5 m/s)	1500 fpm (7.5 m/s)
Temperature Range	-30–180°F (-35–82°C)	-30–180°F (-35–82°C)	-30–275°F (-35–135°C)	-30–180°F (-35–82°C)	-30–180°F (-35–82°C)	-30–400°F (-35–205°C)	-30–400°F (-35–205°C)	-30–400°F (-35–205°C)	-30– 400°F (-35–205°C)
Polyurethane	Yes	Yes	Yes	Yes	Yes	No	No	No	No
Durometer	83	93	93	84	83	N/A	N/A	N/A	N/A
Tungsten Carbide	No	No	No	No	No	Yes	Yes	Yes	Yes
Mechanical Fasteners	Yes	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)	FMS (V-Tip)
Belt Width*	18–48" (450–1200 mm)	18–48" (450–1200 mm)	36–72" (900–1800 mm)	36–72" (900–1800 mm)	18–72" (450–1800 mm)	18–72" (450–1800 mm)	18–84" (450–2100 mm)	18–84" (450–2100 mm)
Belt Speed	600 fpm (3 m/s)	600 fpm (3 m/s)	750 fpm (3.8 m/s)	750 fpm (3.8 m/s)	700 fpm (3.5 m/s)	700 fpm (3.5 m/s)	1200 fpm (6 m/s)	1200 fpm (6 m/s)
Reversing Belts	Yes	Yes	Yes	Yes	No	No	No	No
Mechanical Fasteners	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No

SECONDARY CLEANER SPECIFICATION CHART (cont.)

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*	18–96" (450–2400 mm)	18–96" (450–2400 mm)	18–72" (450–1800 mm)	18–72" (450–1800 mm)	18–72" (450–1800 mm)	18–84" (450–2100 mm)	18–84" (450–2100 mm)
Belt Speed	1200 fpm (6 m/s)	1500 fpm (7.5 m/s)	1600 fpm (6 m/s)	1000 fpm (5 m/s)	1200 fpm (6 m/s)	1000 fpm (5 m/s)	1300 fpm (6.6 m/s)
Reversing Belts	Yes	Yes	Yes	No	No	No	No
Mechanical Fasteners	Yes	No	Yes	Yes	No	Yes	Yes

SECONDARY CLEANER SPECIFICATION CHART (cont.)

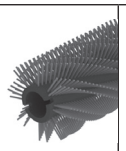
Application Description	R-Type® (C-Tip)	R-Type® (V-Tip)	Chevron	Brush Cleaner	CFC
Belt Width*	18–72" (450–1800 mm)	18–72" (450–1800 mm)	18–84" (450–2100 mm)	18–84" (450–2100 mm)	24–63" (600–1600 mm)
Belt Speed	1000 fpm (5 m/s)	1000 fpm (5 m/s)	500 fpm (2.5 m/s)	700 fpm (3.5 m/s)	500 fpm (2.5 m/s)
Reversing Belts	Yes	Yes	Yes	No	Yes
Mechanical Fasteners	Yes	No	Yes	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**	**DryWipe Blade**
Temperature Range	-30–400°F (-35–205°C)	-30–400°F (-35–205°C)	-30–400°F (-35–205°C)	-30–180°F (-35–82°C)	-30–180°F (-35–82°C)	-30–180°F (-35–82°C)	-30–180°F (-35–82°C)
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
Mechanical Fasteners	Yes	No	No	Yes	Yes	Yes	Yes

SECONDARY CLEANER BLADE SPECIFICATIONS

					
Blade Type	**U F-Blade**	**U C-Blade**	**Chevron**	**Brush Cleaner**	**CFC**
Temperature Range	-30–180°F (-35–82°C)	-30–180°F (-35–82°C)	-30–180°F (-35–82°C)	-20–180°F (-30–82°C)	-30–180°F (-35–82°C)
Polyurethane	Yes	Rubber	Rubber	Poly-propylene	Yes
Durometer	90	84	N/A	N/A	80A
Tungsten Carbide	No	Yes	No	No	No
Mechanical Fasteners	Yes	Yes	Yes	Yes	Yes

Product Ordering Information

Belt Width Minus 2" (50 mm)

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

Lead time: 1 working day

Belt Width Minus 8" (200 mm)

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

Lead time: 1 working day

Product Notes:

- For optimal cleaning and reduced blade retensioning maintenance, the cleaner blade width should be sized to fit the material path of the belt. The material path is typically 2/3 of the belt width. In most cases a blade size of belt width minus 8" (200 mm) may be the best selection.
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 2" (50 mm), 8" (200 mm), or 14" (350 mm)).
- 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 replacement parts see the EZP1 Parts List on p. 19.
- For chute mounted cleaners with at least 4" of inner chute space wider than the belt width requiring longer pole lengths, go to the minus 8" (200 mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150 mm) longer and a blade size of belt width minus 2" (50 mm).
- For other applications requiring longer pole lengths, see Installation Accessories – Pole Extender Kit p. (145).

Product Ordering Information

EZP1T
Precleaner with Twist Tensioner

Belt Width Minus 2" (50 mm)

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

Lead time: 1 working day

Belt Width Minus 8" (200 mm)

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

Lead time: 1 working day

Product Notes:

- For optimal cleaning and reduced blade retensioning maintenance, the cleaner blade width should be sized to fit the material path of the belt. The material path is typically 2/3 of the belt width. In most cases a blade size of belt width minus 8" (200 mm) may be the best selection.
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 2" (50 mm), 8" (200 mm), or 14" (350 mm)).
- 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 replacement parts see the EZP1T Parts List on p. 20.
- For chute mounted cleaners with at least 4" of inner chute space wider than the belt width requiring longer pole lengths, go to the minus 8" (200 mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150 mm) longer and a blade size of belt width minus 2" (50 mm).
- For other applications requiring longer pole lengths, see Installation Accessories – Pole Extender Kit p. (145).

Product Ordering Information

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

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

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

Product Notes:

- The High-Temp ConShear™ Precleaner works in temperatures up to 275°F (135°C) with spikes to 325°F (164°C).
- Comes complete with universal mounting plates and tensioner.
- Visual tension check. No guesswork on blade tensioning. Simply measure the spring, check label on tensioner and turn adjusting nut to restore optimal tension.
- Works with mechanical splices. Polyurethane blade glides over splices.
- For replacement parts see the EZP1 Parts List on p. 19.
- Compatible with reversing belts.
- For chute mounted cleaners with at least 4" of inner chute space wider than the belt width requiring longer pole lengths, go to the minus 8" (200 mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150 mm) longer and a blade size of belt width minus 2" (50 mm).
- For other applications requiring longer pole lengths, see Installation Accessories – Pole Extender Kit p. (145).

Product Ordering Information

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

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
12	300	10	250	EZP1-UHT212	91226	49.4
18	450	16	400	EZP1-UHT218	91227	55.3
24	600	22	550	EZP1-UHT224	91228	61.2
30	750	28	700	EZP1-UHT230	91229	67.1
36	900	34	850	EZP1-UHT236	91230	73.0
42	1050	40	1000	EZP1-UHT242	91231	78.9
48	1200	46	1150	EZP1-UHT248	91232	84.8
54	1350	52	1300	EZP1-UHT254	91233	90.7
60	1500	58	1450	EZP1-UHT260	91234	96.6
72	1800	70	1750	EZP1-UHT272	91235	102.5

Lead time: 1 working day

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

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
18	450	10	250	EZP1-UHT818	91236	51.3
24	600	16	400	EZP1-UHT824	91237	57.2
30	750	22	550	EZP1-UHT830	91238	63.1
36	900	28	700	EZP1-UHT836	91239	69.0
42	1050	34	850	EZP1-UHT842	91240	74.9
48	1200	40	1000	EZP1-UHT848	91241	80.8
54	1350	46	1150	EZP1-UHT854	91242	86.7
60	1500	52	1300	EZP1-UHT860	91243	92.6
72	1800	64	1600	EZP1-UHT872	91244	98.5

Lead time: 1 working day

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

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	10	250	EZP1-UHT1424	91245	53.2
30	750	16	400	EZP1-UHT1430	91246	59.1
36	900	22	550	EZP1-UHT1436	91247	65.0
42	1050	28	700	EZP1-UHT1442	91248	70.9
48	1200	34	850	EZP1-UHT1448	91249	76.8
54	1350	40	1000	EZP1-UHT1454	91250	82.7
60	1500	46	1150	EZP1-UHT1460	91251	88.6
72	1800	58	1450	EZP1-UHT1472	91252	94.5

Lead time: 1 working day

Product Notes:

- For optimal cleaning and reduced blade retensioning maintenance, the cleaner blade width should be sized to fit the material path of the belt. The material path is typically 2/3 of the belt width. In most cases a blade size of belt width minus 8" (200 mm) may be the best selection.
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 2" (50 mm), 8" (200 mm), or 14" (350 mm)).
- 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 chute mounted cleaners with at least 4" of inner chute space wider than the belt width requiring longer pole lengths, go to the minus 8" (200 mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150 mm) longer and a blade size of belt width minus 2" (50 mm).
- For other applications requiring longer pole lengths, see Installation Accessories – Pole Extender Kit p. (145).

Product Ordering Information

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

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
12	300	10	250	EZP1-212W	78934	49.4
18	450	16	400	EZP1-218W	78935	55.3
24	600	22	550	EZP1-224W	78936	61.2
30	750	28	700	EZP1-230W	78937	67.1
36	900	34	850	EZP1-236W	78938	73.0
42	1050	40	1000	EZP1-242W	78939	78.9
48	1200	46	1150	EZP1-248W	78940	84.8
54	1350	52	1300	EZP1-254W	78941	90.7
60	1500	58	1450	EZP1-260W	78942	96.6

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 on p. 19.
- Compatible with reversing belts.
- For chute mounted cleaners with at least 4" of inner chute space wider than the belt width requiring longer pole lengths, go to the minus 8" (200 mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150 mm) longer and a blade size of belt width minus 2" (50 mm).
- For other applications requiring longer pole lengths, see Installation Accessories – Pole Extender Kit p. (145).

ConShear™ Replacement Blades

Standard ConShear™ Blades

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

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

High-Temp ConShear™ Blades - Yellow

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

Lead time: 1 working day

Chemical Resistant/Food Grade ConShear™ Blades - White ‡

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

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.

Ultra High-Temp ConShear™ Blades - Red

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
10	250	CRB-UHT10	91253	4.6
16	400	CRB-UHT16	91254	7.3
22	550	CRB-UHT22	91255	10.1
28	700	CRB-UHT28	91256	12.8
34	850	CRB-UHT34	91257	15.5
40	1000	CRB-UHT40	91258	18.3
46	1150	CRB-UHT46	91259	21.0
52	1300	CRB-UHT52	91260	23.8
58	1450	CRB-UHT58	91261	26.5
64	1600	CRB-UHT64	91262	29.2
70	1750	CRB-UHT70	91263	32.0

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 8" (200 mm) 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

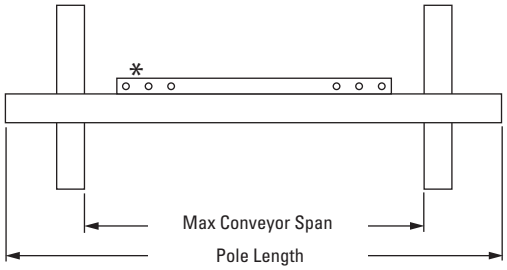
BELT WIDTH		BELT WIDTH - 2" (50mm)		BELT WIDTH - 8" (200mm)		BELT WIDTH - 14" (350mm)	
in.	mm	in.	mm	in.	mm	in.	mm
12	300	10	250	N/A	N/A	N/A	N/A
18	450	16	400	10	250	N/A	N/A
24	600	22	550	16	400	10	250
30	750	28	700	22	550	16	400
36	900	34	850	28	700	22	550
42	1050	40	1000	34	850	28	700
48	1200	46	1150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

Specifications & Guidelines

Pole Length Specifications

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

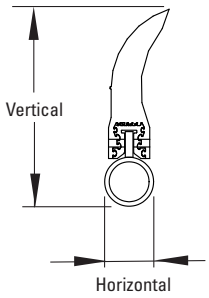
Pole Diameter – 2-3/8" (60 mm)



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

Clearance Guidelines for Installation

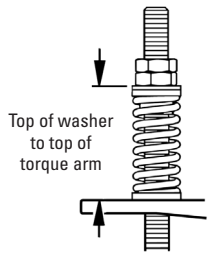
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
4	100	9 1/2	238



EST Spring Length Chart

Blade Width		Purple Spring		Silver Spring		Black Spring	
In.	mm	in.	mm	in.	mm	in.	mm
10	250	5 3/4	146	6 1/4	159	N/A	N/A
16	400	5 1/4	133	6	152	N/A	N/A
22	550	4 3/4	121	5 7/8	149	N/A	N/A
28	700	4 1/4	108	5 5/8	143	N/A	N/A
34	850	N/A	N/A	5 3/8	137	5 5/8	143
40	1000	N/A	N/A	5 1/8	130	5 1/2	140
46	1150	N/A	N/A	5	127	5 1/4	133
52	1300	N/A	N/A	4 3/4	121	5 1/8	130
58	1450	N/A	N/A	N/A	N/A	5	127
64	1600	N/A	N/A	N/A	N/A	4 3/4	121
70	1750	N/A	N/A	N/A	N/A	4 5/8	117

Shading indicates preferred spring option



Twist Tensioner Chart

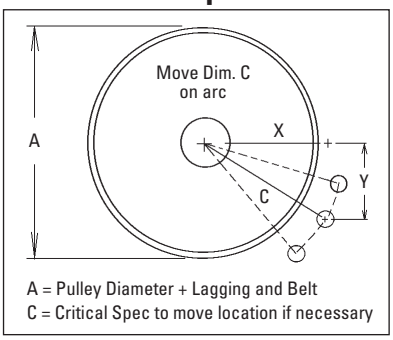
BLADE WIDTH		STANDARD	HEAVY DUTY
in.	mm		
10	250	8	6
16	400	13	9
22	550	18	12
28	700	23	16
34	850	27	19
40	1000	32	23
46	1150	37	26
52	1300	N/A	29
58	1450	N/A	33
64	1600	N/A	36
70	1750	N/A	40

Specifications:

- Maximum Belt Speed .....700 FPM (3.5 m/s)
- Temperature Rating .....ConShear™/ConShear™ White: -30 to 180°F (-35 to 82°C)
  ConShear™ High-Temp: up to 275°F (135°C), spikes to 325°F (164°C)
  ConShear™ Ultra High-Temp: up to 400°F (200°C), spikes to 450°F (232°C)
- Minimum Pulley Diameter.....10" (250 mm)
- Blade Height.....7-1/4" (185 mm)
- Usable Blade Wear Length.....4" (100 mm)
- Blade Material .....Polyurethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths .....12 to 72" (300 to 1800 mm)
- CEMA Cleaner Rating .....Class 2

Specifications & Guidelines

Pole Location Specs

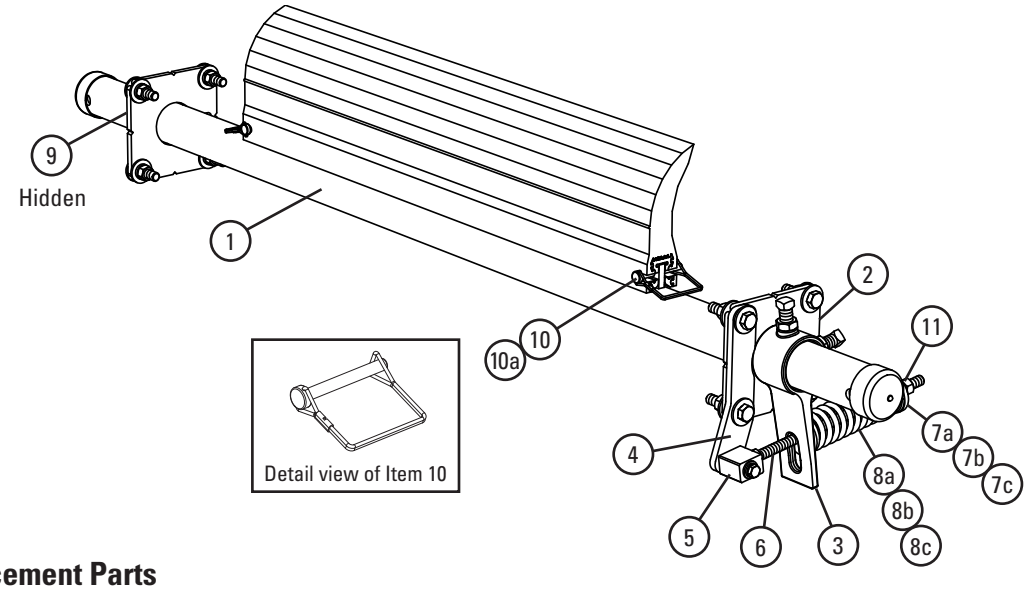


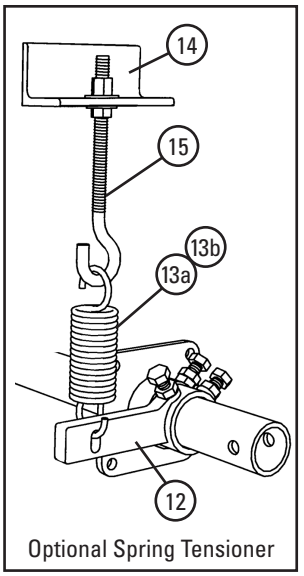
A = Pulley Diameter + Lagging and Belt
C = Critical Spec to move location if necessary

Pole Location Chart

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

Replacement Parts List





Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	12" (300mm) Pole	EZP1P12	75619	17.4
	18" (450mm) Pole	EZP1P18	75620	20.3
	24" (600mm) Pole	EZP1P24	75621	22.7
	30" (750mm) Pole	EZP1P30	75622	26.5
	36" (900mm) Pole	EZP1P36	75623	30.4
	42" (1050mm) Pole	EZP1P42	75624	32.7
	48" (1200mm) Pole	EZP1P48	75625	35.3
	54" (1350mm) Pole	EZP1P54	75626	39.2
	60" (1500mm) Pole	EZP1P60	75627	43.3
	72" (1800mm) Pole	EZP1P72	75772	48.2
2	Mounting Plate Kit* (2 ea.)	EZP1MPK	75637	7.7
3	Torque Arm Kit* (1 ea.)	ESTAK-EST	76406	3.6
4	Pivot Shaft Bracket Kit* (1 ea.)	ESPSBK	76407	1.8
5	Pivot Block Kit*	ESPBK	76408	0.7
6	Pivot Rod Kit*	ESPRK	76409	1.2
7a	Bushing Kit – Purple/Silver (incl. (2) bushings)	ESBK-PS	76410	0.1
7b	Bushing Kit – Black (incl. (2) bushings)	ESBK-B	76411	0.1
7c	EST Bushing Kit - UHT (incl. (2) bushings)	ESBK-ATEX	90264	0.1
8a	Tension Spring – Purple	QMTS-P	75845	1.0
8b	Tension Spring – Silver	ESS-S	76412	1.2
8c	Tension Spring – Black	ESS-B	76413	1.4
9	Pole Lock* (1 ea.)	EZP1PL	75641	1.1
–	EST Tensioner–Purple* (incl. (1) ea. items 3, 4, 5, 6, 7a & 8a)	EST-P	76403	7.7
–	EST Tensioner–Silver* (incl. (1) ea. items 3, 4, 5, 6, 7a & 8b)	EST-S	76404	7.9
–	EST Tensioner–Black* (incl. (1) ea. items 3, 4, 5, 6, 7b& 8c)	EST-B	76405	8.1
–	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	0.1
10a	Optional Stainless Steel Blade Pin Kit* (1 ea.)	MSPBP	107852	0.1
11	Jam Nut Kit, EST Tensioner	JNK-A	79891	0.3

*Hardware Included
Lead time: 1 working day

Optional Spring Tensioner & Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
12	Tension Arm Kit* (1 ea.)	HAR-K	78786	6.0
13	Tension Spring (1 ea.) (for sizes 12–30" (300–750mm))	STTS	74419	1.4
13a	HD Tension Spring (1 ea.) (for sizes 36–72" (900–1800mm))	HDTS	74502	2.0
14	Spring Tension J-Bolt Mount (1 ea.)	STJM	74775	3.0
15	J-Bolt Kit* (1 ea.)	STJK	74417	0.7
–	Optional Spring Tensioner Kit* (for sizes 12–30" (300–750mm))	EZP1OTK1	76418	11.2
–	Optional Spring Tensioner Kit* (for sizes 36–72" (900–1800mm))	EZP1OTK2	76419	11.8

*Hardware Included
Lead time: 1 working day

Spring Tensioner Selection Chart

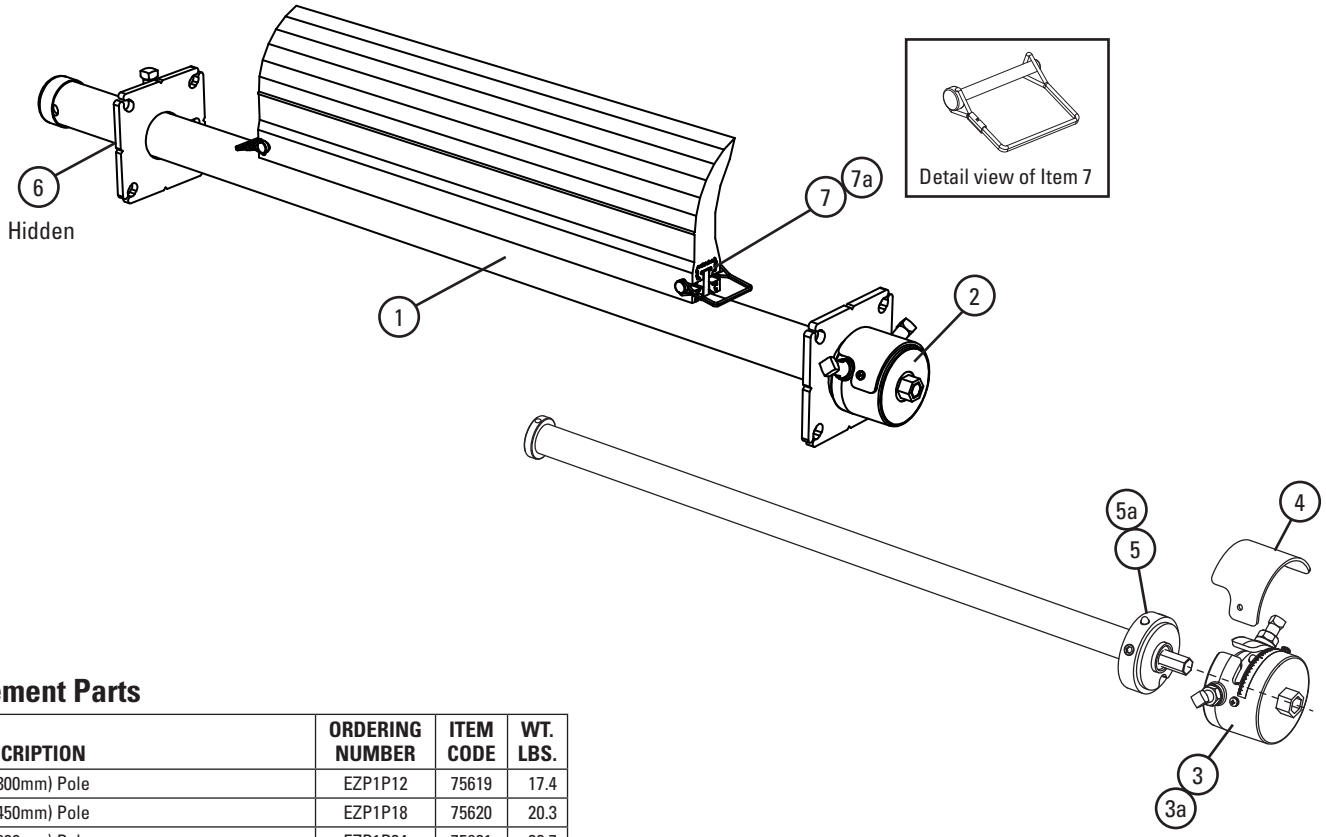
CLEANER BLADE WIDTH	76403 EST-P	76404 EST-S	76405 EST-B
ConShear™ 10–28" (250–700mm)	X		
ConShear™ 34–52" (850–1300mm)		X	
ConShear™ 58–70" (1450–1750mm)			X

Spring Tensioner Selection Chart - EST UHT

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

Replacement Parts List

EZP1T
Precleaner with Twist Tensioner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	12" (300mm) Pole	EZP1P12	75619	17.4
	18" (450mm) Pole	EZP1P18	75620	20.3
	24" (600mm) Pole	EZP1P24	75621	22.7
	30" (750mm) Pole	EZP1P30	75622	26.5
	36" (900mm) Pole	EZP1P36	75623	30.4
	42" (1050mm) Pole	EZP1P42	75624	32.7
	48" (1200mm) Pole	EZP1P48	75625	35.3
	54" (1350mm) Pole	EZP1P54	75626	39.2
	60" (1500mm) Pole	EZP1P60	75627	43.3
	72" (1800mm) Pole	EZP1P72	75772	48.2
2	Torsion Mounting Plate Kit* (2 ea.)	EZPTMPK	78507	8.7
3	Torsion Cap Kit* (1 ea.) (incl. (1) ea. item 4)	EZPTCK	78508	3.2
3a	Torsion Cap Kit HD* (1 ea.) (incl. (1) ea. item 4)	EZPTCKHD	78509	3.2
4	Torsion Shield	EZPTSR	78510	0.1
5	Torsion Spring Kit	EZPTSK	78511	6.0
5a	Torsion Spring Kit HD	EZPTSKHD	78512	8.5
6	Pole Lock* (1 ea.)	EZP1PL	75641	1.1
–	Torsion Bar Tensioner (incl. (1) ea. items 3, 4, & 5)	EZPTBT	77384	17.4
–	Torsion Bar Tensioner HD (incl. (1) ea. items 3a, 4, & 5a)	EZPTBTHD	77385	20.0
7	Blade Pin* (1 ea.)	EZP1BP	75642	0.1
7a	Optional Stainless Steel Blade Pin Kit* (1 ea.)	MSPBP	107852	0.1

*Hardware Included
Lead time: 1 working day

Torsion Bar Tensioner Selection Chart

CLEANER BLADE WIDTH	77384 EZPTBT	77385 EZPTBTHD
ConShear™ 10–46" (250–1150mm)	X	
ConShear™ 52–70" (1300–1750mm)		X

Product Ordering Information

EZP1 Stainless Steel Precleaner with White ConShear™ (Food Grade) Blade

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

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
12	300	10	250	CFG-212	78838	49.4
18	450	16	400	CFG-218	78839	55.3
24	600	22	550	CFG-224	78840	61.2
30	750	28	700	CFG-230	78841	67.1
36	900	34	850	CFG-236	78842	73.0
42	1050	40	1000	CFG-242	78843	78.9
48	1200	46	1150	CFG-248	78844	84.8
54	1350	52	1300	CFG-254	78845	90.7
60	1500	58	1450	CFG-260	78846	96.6

Lead time: 1 working day

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

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
12	300	–	–	N/A	N/A	–
18	450	10	250	CFG-818	78924	51.3
24	600	16	400	CFG-824	78925	57.2
30	750	22	550	CFG-830	78926	63.1
36	900	28	700	CFG-836	78927	69.0
42	1050	34	850	CFG-842	78928	74.9
48	1200	40	1000	CFG-848	78929	80.8
54	1350	46	1150	CFG-854	78930	86.7
60	1500	52	1300	CFG-860	78931	92.6

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 8" (200 mm) may be the best selection.
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 2" (50 mm), 8" (200 mm), or 14" (350 mm)).
- 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 replacement parts see the EZP1 SS Parts List on p. 24.
- For chute mounted cleaners with at least 4" of inner chute space wider than the belt width requiring longer pole lengths, go to the minus 8" (200 mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150 mm) longer and a blade size of belt width minus 2" (50 mm).
- For other applications requiring longer pole lengths, contact Flexco for Stainless Steel Pole Extender options.

ConShear™ Replacement Blades

Standard ConShear™ Blades

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

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

High-Temp ConShear™ Blades - Yellow

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

Lead time: 1 working day

Chemical Resistant/Food Grade ConShear™ Blades - White ‡

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

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.

Ultra High-Temp ConShear™ Blades - Red

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
10	250	CRB-UHT10	91253	4.6
16	400	CRB-UHT16	91254	7.3
22	550	CRB-UHT22	91255	10.1
28	700	CRB-UHT28	91256	12.8
34	850	CRB-UHT34	91257	15.5
40	1000	CRB-UHT40	91258	18.3
46	1150	CRB-UHT46	91259	21.0
52	1300	CRB-UHT52	91260	23.8
58	1450	CRB-UHT58	91261	26.5
64	1600	CRB-UHT64	91262	29.2
70	1750	CRB-UHT70	91263	32.0

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 8" (200 mm) 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.
- For replacement parts see the EZP1SS Parts List on p. 24.

Blade Width Selection

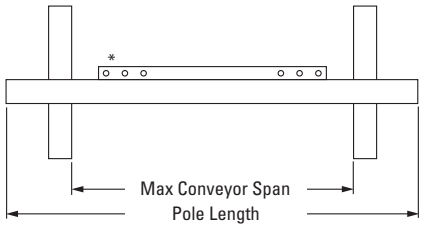
BELT WIDTH		BELT WIDTH - 2" (50mm)		BELT WIDTH - 8" (200mm)		BELT WIDTH - 14" (350mm)	
in.	mm	in.	mm	in.	mm	in.	mm
12	300	10	250	N/A	N/A	N/A	N/A
18	450	16	400	10	250	N/A	N/A
24	600	22	550	16	400	10	250
30	750	28	700	22	550	16	400
36	900	34	850	28	700	22	550
42	1050	40	1000	34	850	28	700
48	1200	46	1150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

Specifications & Guidelines

Pole Length Specifications

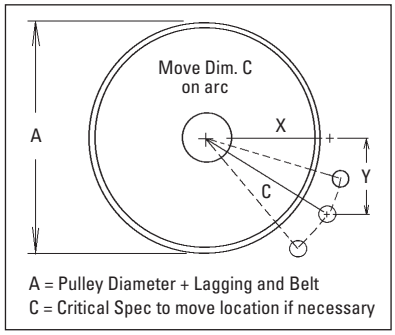
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
12	300	42	1050	37	925
18	450	48	1200	43	1075
24	600	54	1350	49	1225
30	750	60	1500	55	1375
36	900	66	1650	61	1525
42	1050	72	1800	67	1675
48	1200	78	1950	73	1825
54	1350	88	2200	83	2075
60	1500	94	2350	89	2225

Pole Diameter – 2-3/8" (60 mm)



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

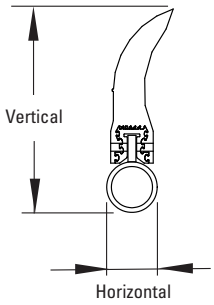
Pole Location Specs



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

Clearance Guidelines for Installation

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



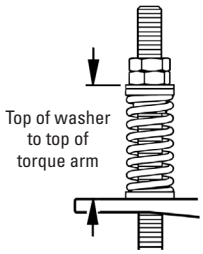
Pole Location Chart

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

EST Spring Length Chart

Blade Width		Purple Springs		White Springs		Gold Springs	
in.	mm	in.	mm	in.	mm	in.	mm
10	250	5 5/8	143	6 3/8	162	N/A	N/A
16	400	5	127	6 1/8	156	N/A	N/A
22	550	4 3/8	111	6	152	N/A	N/A
28	700	3 7/8	98	5 7/8	149	N/A	N/A
34	850	N/A	N/A	5 5/8	143	6 1/8	156
40	1000	N/A	N/A	5 1/2	140	6	152
46	1150	N/A	N/A	5 1/4	133	5 7/8	149
52	1300	N/A	N/A	5 1/8	130	5 7/8	149
58	1450	N/A	N/A	5	127	5 3/4	146
64	1600	N/A	N/A	4 3/4	121	5 5/8	143

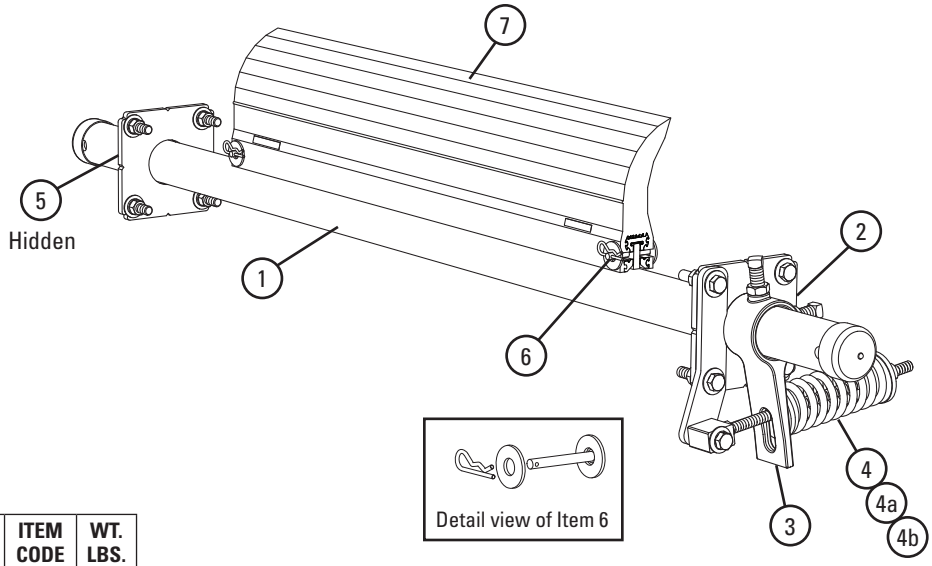
Shading indicates preferred spring option



Specifications:

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

Replacement Parts List



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	12" (300mm) SS Pole	EZP1P12-S/S	78812	17.4
	18" (450mm) SS Pole	EZP1P18-S/S	78813	20.3
	24" (600mm) SS Pole	EZP1P24-S/S	78814	22.7
	30" (750mm) SS Pole	EZP1P30-S/S	78815	26.5
	36" (900mm) SS Pole	EZP1P36-S/S	78816	30.4
	42" (1050mm) SS Pole	EZP1P42-S/S	78817	32.7
	48" (1200mm) SS Pole	EZP1P48-S/S	78818	35.3
	54" (1350mm) SS Pole	EZP1P54-S/S	78819	39.2
	60" (1500mm) SS Pole	EZP1P60-S/S	78820	43.3
	72" (1800mm) SS Pole	EZP1P72-S/S	78821	48.2
2	SS Mounting Plate Kit* (2 ea.)	EZP1MPK-S/S	78923	7.7
3	SS Torque Arm Kit* (1 ea.)	ESTAK-EST-S/S	78849	3.6
4	SS Tension Spring – Purple	QMTS-P-S/S	77450	1.0
4a	SS Tension Spring – White	QMTS-W-S/S	77451	1.2
4b	SS Tension Spring – Gold	QMTS-G-S/S	77452	1.4
5	SS Pole Lock* (1 ea.)	EZP1PL-S/S	78848	1.1
–	SS EST Tensioner – Purple* (incl. (1) ea. items 2, 3, 4)	EST-P-S/S	78808	7.7
–	SS EST Tensioner – White* (incl. (1) ea. items 2, 3, 4a)	EST-W-S/S	78809	7.9
–	SS EST Tensioner – Gold* (incl. (1) ea. items 2, 3, 4b)	EST-G-S/S	78810	8.1
6	Stainless Steel Blade Pin Kit* (1 ea.)	MSPBP	107852	0.1

*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™ 10–28" (250–700mm)	X		
ConShear™ 34–52" (850–1300mm)		X	
ConShear™ 58–70" (1450–1750mm)			X

Product Ordering Information

Belt Width Minus 2" (50 mm)

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

Lead time: 1 working day

Belt Width Minus 8" (200 mm)

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

Lead time: 1 working day

Product Notes:

- For optimal cleaning and reduced blade retensioning maintenance, the cleaner blade width should be sized to fit the material path of the belt. The material path is typically 2/3 of the belt width.
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 2" (50 mm), 8" (200 mm), or 14" (350 mm).
- 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 replacement parts see the EZP-LS Parts List on p. 29.
- For applications requiring longer pole lengths, go to the minus 8" (200 mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150 mm) longer and a blade size of belt width minus 2" (50 mm).

Product Ordering Information

EZP-LS High-Temp
Limited Space Precleaner

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

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

Lead time: 1 working day

Product Notes:

- The high-temp ConShear™ LS works in temperatures up to 275°F (135°C) with spikes to 325°F (164°C).
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 2" (50 mm), 8" (200 mm), or 14" (350 mm).
- 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 replacement parts see the EZP-LS Parts List on p. 29.

ConShear™ LS Replacement Blades

Standard LS ConShear™ Blades

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

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

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

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

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

‡ All ingredients used in the 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 LS ConShear™ Blades - Yellow

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

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

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

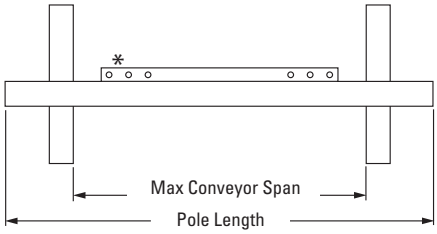
BELT WIDTH		BELT WIDTH - 2" (50mm)		BELT WIDTH - 8" (200mm)		BELT WIDTH - 14" (350mm)	
in.	mm	in.	mm	in.	mm	in.	mm
12	300	10	250	N/A	N/A	N/A	N/A
18	450	16	400	10	250	N/A	N/A
24	600	22	550	16	400	10	250
30	750	28	700	22	550	16	400
36	900	34	850	28	700	22	550
42	1050	40	1000	34	850	28	700
48	1200	46	1150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

Specifications & Guidelines

Pole Length Specifications

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

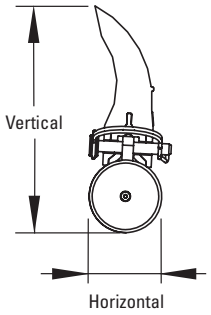
Pole Diameter – 1-7/8" (48 mm)



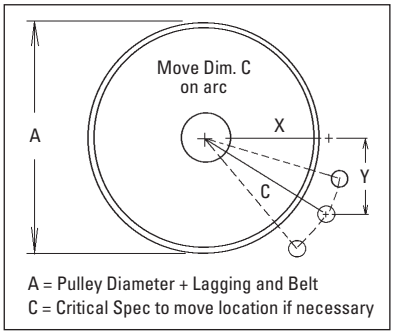
*Each pole size can be used with a blade size either belt width minus 2" (50 mm), 8" (200 mm), or 14" (350 mm).

Clearance Guidelines for Installation

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



Pole Location Specs



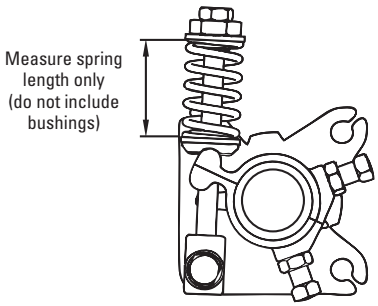
A = Pulley Diameter + Lagging and Belt
C = Critical Spec to move location if necessary

Spring Length Chart

EZP-LS w/Purple or Yellow Blade

Blade Width		Purple Springs		White Springs		Silver Springs	
in.	mm	in.	mm	in.	mm	in.	mm
10	250	2	51	N/A	N/A	N/A	N/A
16	400	1 5/8	48	2 1/8	54	N/A	N/A
22	550	N/A	N/A	2	51	N/A	N/A
28	700	N/A	N/A	1 7/8	48	N/A	N/A
34	850	N/A	N/A	1 3/4	44	N/A	N/A
40	1000	N/A	N/A	1 1/2	38	N/A	N/A
46	1150	N/A	N/A	1 3/8	35	2	51
52	1300	N/A	N/A	N/A	N/A	2	51
58	1450	N/A	N/A	N/A	N/A	1 7/8	48

Shading indicates preferred spring option



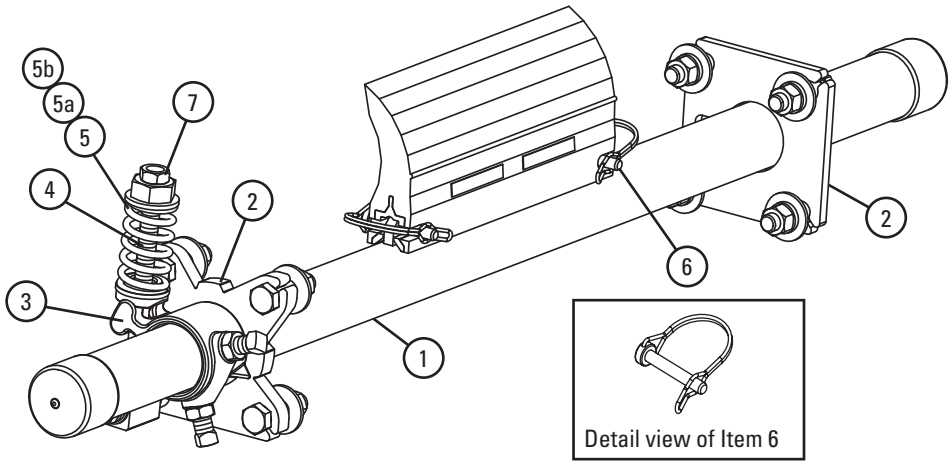
Pole Location Chart

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

Specifications:

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

Replacement Parts List



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	12" (300mm) Pole	LSP12	77070	13.3
	18" (450mm) Pole	LSP18	77071	15.5
	24" (600mm) Pole	LSP24	77072	17.7
	30" (750mm) Pole	LSP30	77073	19.9
	36" (900mm) Pole	LSP36	77074	22.1
	42" (1050mm) Pole	LSP42	77075	24.3
	48" (1200mm) Pole	LSP48	77076	26.5
	54" (1350mm) Pole	LSP54	77077	28.7
	60" (1500mm) Pole	LSP60	77078	31.0
2	Mounting Plate Kit* (incl. (1) ea. tensioner mounting plate & pole mounting plate)	LSTMPK	77366	3.6
3	Torque Arm Kit* (1 ea.)	LST-TAK	77120	1.4
4	Pivot Block/Rod Kit* (1 ea.)	LSTPB-RK	77367	0.8
5	Tension Spring – Purple (1 ea.)	LS-SPK	77365	0.2
5a	Tension Spring – White (1 ea.)	LS-SW	77117	0.3
5b	Tension Spring – Silver (1 ea.)	LS-SS	77118	0.3
6	LS Blade Pin (1 ea.)	LS-BP	77114	0.1
7	Jam Nut Kit LST Tensioner	JNK-B	79892	0.3
-	LST Spring Tensioner* – Purple (incl. (1) tensioner mounting plate & (1) ea. items 3, 4 & 5)	LST-P	77121	7.5
-	LST Spring Tensioner* – White (incl. (1) tensioner mounting plate & (1) ea. items 3, 4 & 5a)	LST-W	77122	7.6
-	LST Spring Tensioner* – Silver (incl. (1) tensioner mounting plate & (1) ea. items 3, 4 & 5b)	LST-S	77123	7.6

*Hardware Included

Arch/Gordon Mini-Saber Blades

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

Additional sizes are available upon request. Contact for pricing.

Spring Tensioner Selection Chart

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

For best results use Flexco Genuine Replacement Blades and Parts.

Product Ordering Information

EZP-LS Stainless Steel
Limited Space Precleaner
with White ConShear™ (Food Grade) Blade

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

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
12	300	10	250	CLSFG-212	77144	24.8
18	450	16	400	CLSFG-218	77145	28.2
24	600	22	550	CLSFG-224	77146	31.7
30	750	28	700	CLSFG-230	77147	35.1
36	900	34	850	CLSFG-236	77148	38.6
42	1050	40	1000	CLSFG-242	77149	42.0
48	1200	46	1150	CLSFG-248	77150	45.5
54	1350	52	1300	CLSFG-254	77151	48.9
60	1500	58	1450	CLSFG-260	77152	52.5

Lead time: 1 working day

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

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
18	450	10	250	CLSFG-818	77153	27.0
24	600	16	400	CLSFG-824	77154	30.4
30	750	22	550	CLSFG-830	77155	33.9
36	900	28	700	CLSFG-836	77156	37.3
42	1050	34	850	CLSFG-842	77157	40.8
48	1200	40	1000	CLSFG-848	77158	44.2
54	1350	46	1150	CLSFG-854	77159	47.7
60	1500	52	1300	CLSFG-860	77160	51.2

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 2" (50 mm), 8" (200 mm), or 14" (350 mm)).
- 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 replacement parts see the EZP-LS SS Parts List on p. 33.
- For applications requiring longer pole lengths, go to the minus 8" (200 mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150 mm) longer and a blade size of belt width minus 2" (50 mm).

ConShear™ LS Replacement Blades

Standard LS ConShear™ Blades

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

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

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

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

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

‡ All ingredients used in the 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

LS High-Temp ConShear™ Blades - Yellow

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

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

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

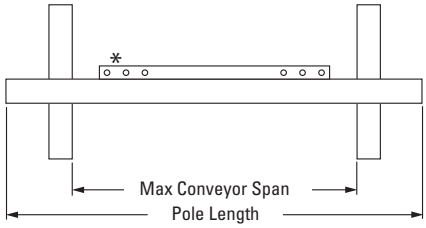
BELT WIDTH		BELT WIDTH - 2" (50mm)		BELT WIDTH - 8" (200mm)		BELT WIDTH - 14" (350mm)	
in.	mm	in.	mm	in.	mm	in.	mm
12	300	10	250	N/A	N/A	N/A	N/A
18	450	16	400	10	250	N/A	N/A
24	600	22	550	16	400	10	250
30	750	28	700	22	550	16	400
36	900	34	850	28	700	22	550
42	1050	40	1000	34	850	28	700
48	1200	46	1150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

Specifications & Guidelines

Pole Length Specifications

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

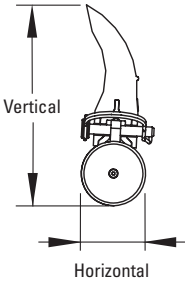
Pole Diameter - 1-7/8" (48 mm)



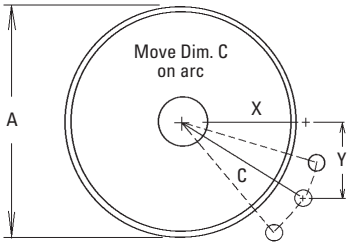
*Each pole size can be used with a blade size either belt width minus 2" (50 mm), 8" (200 mm), or 14" (350 mm).

Clearance Guidelines for Installation

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



Pole Location Specs

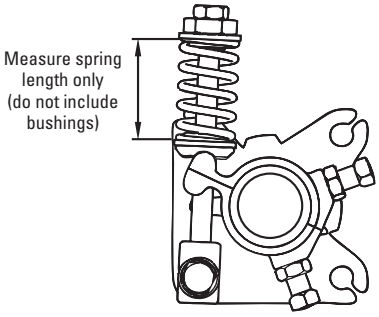


A = Pulley Diameter + Lagging and Belt
C = Critical Spec to move location if necessary

Spring Length Chart

Blade Width		Black Springs		White Springs		Dual White Springs	
in.	mm	in.	mm	in.	mm	in.	mm
10	250	3 1/2	89	3 3/4	95	3 7/8	98
16	400	3 1/4	83	3 5/8	92	3 7/8	98
22	550	2 7/8	73	3 1/2	89	3 3/4	95
28	700	2 5/8	67	3 3/8	86	3 3/4	95
34	850	N/A	N/A	3 1/4	83	3 5/8	92
40	1000	N/A	N/A	3 1/8	79	3 5/8	92
46	1150	N/A	N/A	3	76	3 1/2	89
52	1300	N/A	N/A	N/A	N/A	3 1/2	89
58	1450	N/A	N/A	N/A	N/A	3 3/8	86

Shading indicates preferred spring option



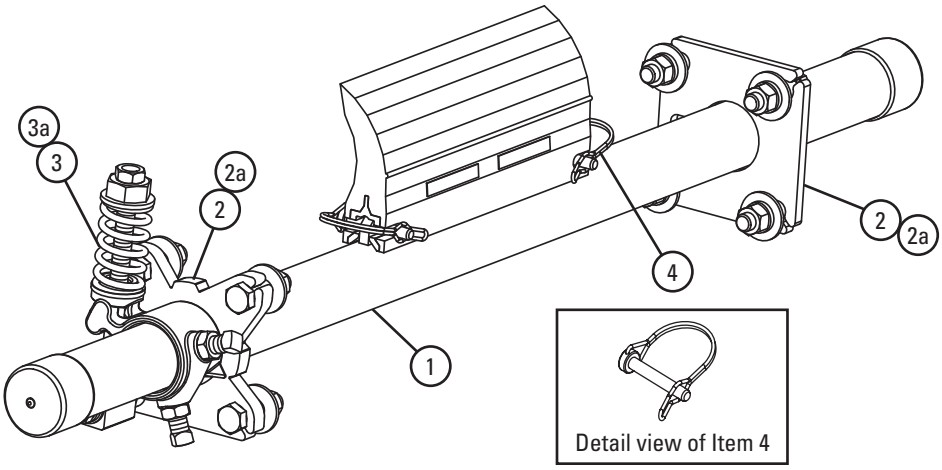
Pole Location Chart

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

Specifications:

- Maximum Belt Speed .....500 FPM (2.5 m/s)
- Temperature Rating .....ConShear™/ConShear™ White: -30 to 180°F (-35 to 82°C)
  ConShear™ High-Temp: up to 275°F (135°C), spikes to 325°F (164°C)
- Minimum Pulley Diameter.....6" (150 mm)
- Blade Height.....4.5" (115 mm)
- Usable Blade Wear Length.....2-3/8" (60 mm)
- Blade Material .....Polyurethane (chemical resistant/food grade)
- Available for Belt Widths .....12 to 60" (300 to 1500 mm)
- CEMA Cleaner Rating .....Class 2

Replacement Parts List



Replacement Parts

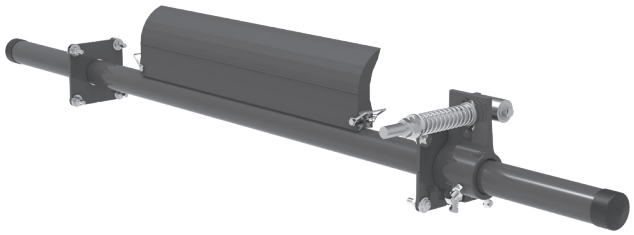
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	12" (300mm) SS Pole	LSP12-S/S	77079	13.3
	18" (450mm) SS Pole	LSP18-S/S	77080	15.5
	24" (600mm) SS Pole	LSP24-S/S	77081	17.7
	30" (750mm) SS Pole	LSP30-S/S	77082	19.9
	36" (900mm) SS Pole	LSP36-S/S	77083	22.1
	42" (1050mm) SS Pole	LSP42-S/S	77084	24.3
	48" (1200mm) SS Pole	LSP48-S/S	77085	26.5
	54" (1350mm) SS Pole	LSP54-S/S	77086	28.7
	60" (1500mm) SS Pole	LSP60-S/S	77087	31.0
2	SS Mounting Plate Kit (10–46"/250–1150mm)* (incl. (1) ea. tensioner mounting plate & pole mounting plate)	LSTMPK-S/S	78933	3.6
2a	SS Mounting Plate Kit (52"+/1300mm+)* (incl. (2) tensioner mounting plate)	LSTMPK2-S/S	78462	7.2
3	Tension Spring – Black (1 ea.)	CTS-B-S/S	78387	.2
3a	Tension Spring – White (1 ea.)	LS-SW-S/S	78850	.3
4	SS LS Blade Pin (1 ea.)	LS-BP-S/S	77115	.1
-	SS LST Spring Tensioner* – Black (incl. (1) ea. items 2 & 3)	LST-B-S/S	77124	7.5
-	SS LST Spring Tensioner* – White (incl. (1) ea. items 2 & 3a)	LST-W-S/S	77125	7.6
-	SS LST Spring Tensioner* – White (dual) (incl. (1) ea. item 2a & (2) ea. item 3a)	LST-W-S/S-2	77126	15.2

*Hardware Included
Lead Time: 1 working day

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



Belt Width Minus 2" (50 mm)

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

Lead time: 1 working day

Belt Width Minus 8" (200 mm)

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

Lead time: 1 working day

Optional Mounting Kits

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Optional Mounting Bar Kit *	MMBK	75830	19.5
Mounting Plate Kit * (2 plates)	MMPK	76537	140.0

*Hardware Included
Lead time: 1 working day

Product Notes:

- Recommended for standard-duty conveyor applications. For tougher belt applications see the MMP Medium-Duty Precleaner (p. 41). For extreme, abusive applications see the MHP Heavy-Duty Precleaner (p. 55) or the MHCP Heavy-Duty Cartridge Precleaner (p. 69).
- Material Path Option: Fit the blade width to the belt's material path. The material path is typically the center 2/3 of the belt width. In most cases a blade size of belt width minus 8" (200 mm) may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 2" (50 mm), 8" (200 mm), or 14" (350 mm)).
- Pole Length: Belt width plus 54" (1350 mm). For chute mounted cleaners with at least 4" of inner chute space wider than the belt width requiring longer pole lengths, go to the minus 8" (200 mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150 mm) longer and a blade size of belt width minus 2" (50 mm).
- For other applications requiring longer pole lengths, see Installation Accessories – Pole Extender Kit p. (145).
- 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 (p. 145).
- For replacement parts see MSP Parts List on p. 39.

Product Ordering Information

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

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	22	550	MSP-UHT224	91264	83.4
30	750	28	700	MSP-UHT230	91265	89.6
36	900	34	850	MSP-UHT236	91266	98.2
42	1050	40	1000	MSP-UHT242	91267	106.0
48	1200	46	1150	MSP-UHT248	91268	113.2
54	1350	52	1300	MSP-UHT254	91269	120.0
60	1500	58	1450	MSP-UHT260	91270	125.7
72	1800	70	1750	MSP-UHT272	91271	140.2

Lead time: 1 working day

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

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	16	400	MSP-UHT824	91272	80.6
30	750	22	550	MSP-UHT830	91273	86.9
36	900	28	700	MSP-UHT836	91274	95.5
42	1050	34	850	MSP-UHT842	91275	103.2
48	1200	40	1000	MSP-UHT848	91276	110.5
54	1350	46	1150	MSP-UHT854	91277	117.2
60	1500	52	1300	MSP-UHT860	91278	123.0
72	1800	64	1600	MSP-UHT872	91279	134.7

Lead time: 1 working day

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

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
42	1050	28	700	MSP-UHT1442	91280	100.4
48	1200	34	850	MSP-UHT1448	91281	107.8
54	1350	40	1000	MSP-UHT1454	91282	114.4
60	1500	46	1150	MSP-UHT1460	91283	120.3
72	1800	58	1450	MSP-UHT1472	91284	129.2

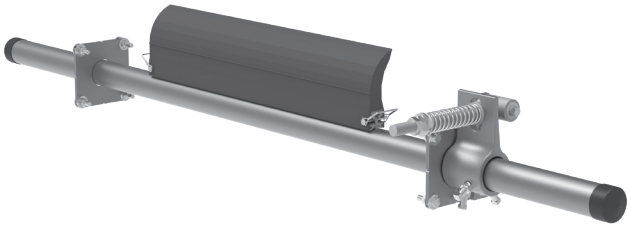
Lead time: 1 working day

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 8" (200 mm) may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 2" (50 mm), 8" (200 mm), or 14" (350 mm)).
- Pole Length: Belt width plus 54" (1350 mm). For chute mounted cleaners with at least 4" of inner chute space wider than the belt width requiring longer pole lengths, go to the minus 8" (200 mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150 mm) longer and a blade size of belt width minus 2" (50 mm).
- For other applications requiring longer pole lengths, see Installation Accessories – Pole Extender Kit p. (145).
- Visual Tension Check: No guesswork on blade tensioning. Measure the spring and adjust to specified length per blade width to restore optimal tensioning.
- For replacement parts see MSP Parts List on p. 39.

Product Ordering Information

MSP Stainless Steel
Standard Mine-Duty Precleaner



Belt Width Minus 2" (50 mm)

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

Lead time: 3 weeks

Belt Width Minus 8" (200 mm)

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

Lead time: 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 8" (200 mm) may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 2" (50 mm), 8" (200 mm), or 14" (350 mm)).
- Pole Length: Belt width plus 54" (1350 mm). For chute mounted cleaners with at least 4" of inner chute space wider than the belt width requiring longer pole lengths, go to the minus 8" (200 mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150 mm) longer and a blade size of belt width minus 2" (50 mm).
- For other applications requiring longer pole lengths, contact Flexco for Stainless Steel Pole Extender options.
- 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 (p. 145).
- For replacement parts see MSP Stainless Parts List on p. 40.

ConShear™ Replacement Blades

Standard ConShear™ Blades

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

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

High-Temp ConShear™ Blades - Yellow

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

Lead time: 1 working day

Chemical Resistant/Food Grade ConShear™ Blades - White ‡

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

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.

Ultra High-Temp ConShear™ Blades - Red

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
10	250	CRB-UHT10	91253	4.6
16	400	CRB-UHT16	91254	7.3
22	550	CRB-UHT22	91255	10.1
28	700	CRB-UHT28	91256	12.8
34	850	CRB-UHT34	91257	15.5
40	1000	CRB-UHT40	91258	18.3
46	1150	CRB-UHT46	91259	21.0
52	1300	CRB-UHT52	91260	23.8
58	1450	CRB-UHT58	91261	26.5
64	1600	CRB-UHT64	91262	29.2
70	1750	CRB-UHT70	91263	32.0

Lead time: 1 working day

Blade Width Selection

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

Product Notes:

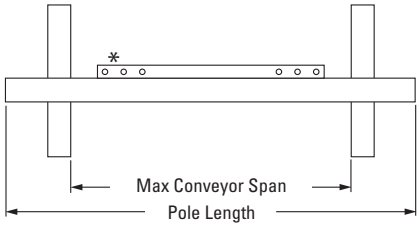
- A molded-in wear line indicates when the blade is worn out and needs to be replaced.
- Faceted blade profile: Renews its cleaning edge as the blade wears.
- ConShear™ blades are made of a special long-wearing polyurethane.
- Quick blade replacement: Pull one pin, remove the old blade and slide the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

Specifications & Guidelines

Pole Length Specifications*

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

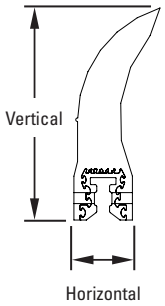
* For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750 mm) of extended pole length. See p. 145. Pole Diameter – 2-7/8" (73 mm)



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

Clearance Guidelines for Installation

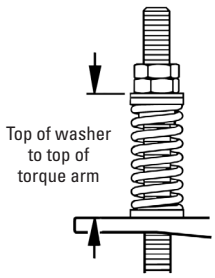
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
4	100	10	250



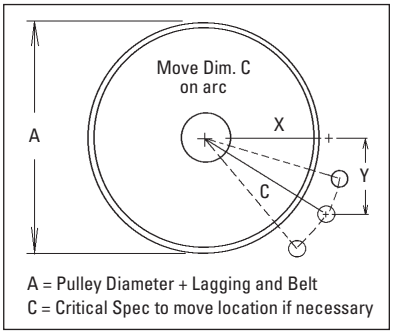
Spring Length Chart

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

Shading indicates preferred spring option



Pole Location Specs



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

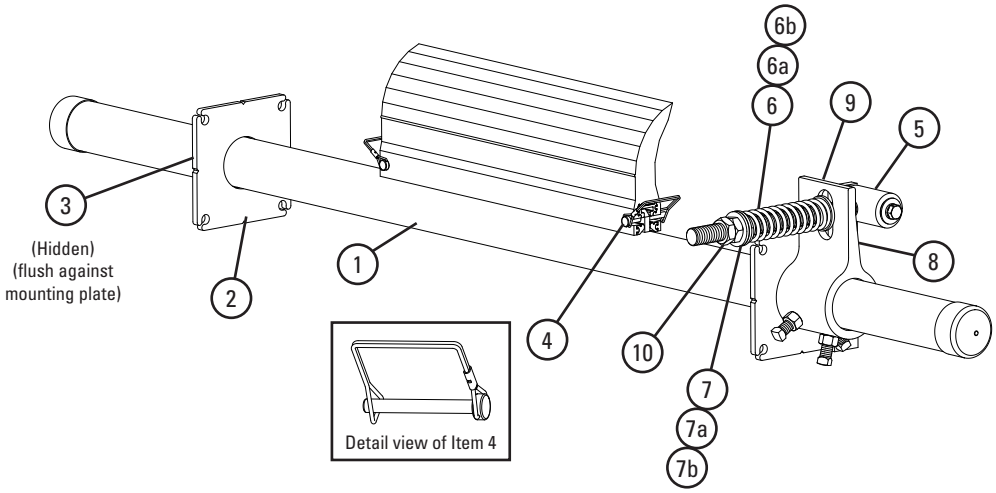
Pole Location Chart

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

Specifications:

- Maximum Belt Speed .....700 FPM (3.5 m/s)
- Temperature Rating .....ConShear™/ConShear™ White: -30 to 180°F (-35 to 82°C)
  ConShear™ High-Temp: up to 275°F (135°C), spikes to 325°F (164°C)
  ConShear™ Ultra High-Temp: up to 400°F (200°C), spikes to 450°F (232°C)
- Minimum Pulley Diameter.....16" (400 mm)
- Blade Height.....7-1/4" (185 mm)
- Usable Blade Wear Length.....4" (100 mm)
- Blade Material .....Polyurethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths .....24 to 84" (600 to 2100 mm)
- CEMA Cleaner Rating .....Class 3

Replacement Parts List



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) Pole	MSPP24	75803	42.5
	30" (750mm) Pole	MSPP30	75804	46.0
	36" (900mm) Pole	MSPP36	75805	50.5
	42" (1050mm) Pole	MSPP42	75806	55.5
	48" (1200mm) Pole	MSPP48	75807	60.0
	54" (1350mm) Pole	MSPP54	75808	64.0
	60" (1500mm) Pole	MSPP60	75809	67.0
	72" (1800mm) Pole	MSPP72	75810	76.0
	84" (2100mm) Pole	MSPP84	76807	88.6
2	Mounting Plate Kit* (2 ea.)	MSPMPK	75811	8.3
3	Pole Lock* (1 ea.)	MSPPL	75816	1.9
4	Blade Pin Kit* (1 ea.)	MSPBP	107852	0.1
5	Pivot Arm Kit* (1 ea.)	QMTPAK	76096	4.3
6a	Tension Spring – Purple (1 ea.)	QMTS-P	75845	0.6
6b	Tension Spring – White (1 ea.)	PSTS-W	75898	1.7
6c	Tension Spring – Gold (1 ea.)	QMTS-G	76484	2.5
7a	Bushing Kit – Purple (2 ea.)	QMTBK-P	76097	0.1
7b	Bushing Kit – White (2 ea.)	QMTBK-W	76098	0.2
7c	Bushing Kit – Gold (2 ea.)	QMTBK-G	76540	0.3
7d	QMT Bushing Kit – Ultra High-Temp (2 ea.)	QMT-ATEX	90435	0.2
8	Pivot Shaft Bracket Kit* (1 ea.)	QMTPSBK	76099	4.3
9	Torsion Arm Kit* (1 ea.)	PSTA	75896	11.4
10	Jam Nut Kit QMT Tensioner	JNK-C	79893	0.3
-	QMT Spring Tensioner* – Purple (incl. (1) ea. items 5, 6a, 7a, 8, & 9)	QMT-P	76074	20.4
-	QMT Spring Tensioner* – White (incl. (1) ea. items 5, 6b, 7b, 8, & 9)	QMT-W	76075	21.8
-	QMT Spring Tensioner* – Gold (incl. (1) ea. items 5, 6c, 7c, 8, & 9)	QMT-G	76483	23.2
-	QMT Ultra High-Temp Tensioner* – Purple (incl. (1) ea. items 5, 6a, 7, 8, & 9)	QMT-A-P	91285	20.4
-	QMT Ultra High-Temp Tensioner* – White (incl. (1) ea. items 5, 6b, 7, 8, & 9)	QMT-A-W	91286	21.8

*Hardware Included
Lead Time: 1 working day

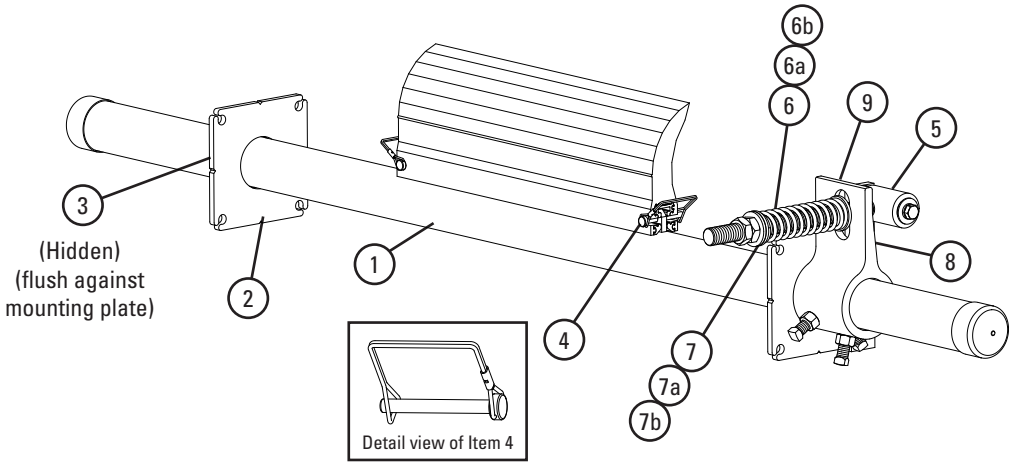
Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	76074 QMT-P	76075 QMT-W	76483 QMT-G
ConShear™ 10–28" (250–700mm)	X		
ConShear™ 34–70" (850–1750mm)		X	
ConShear™ 76–82" (1900–2050mm)			X

Spring Tensioner Selection Chart - UHT

CLEANER BLADE WIDTH	91285 QMT-A-P	91286 QMT-A-W
UHT ConShear™ 10–28" (250–700mm)	X	
UHT ConShear™ 34–70" (850–1750mm)		X

Replacement Parts List



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) SS Pole	MSPP24-S/S	77472	42.5
	30" (750mm) SS Pole	MSPP30-S/S	77473	46.0
	36" (900mm) SS Pole	MSPP36-S/S	77474	50.5
	42" (1050mm) SS Pole	MSPP42-S/S	77475	55.5
	48" (1200mm) SS Pole	MSPP48-S/S	77476	60.0
	54" (1350mm) SS Pole	MSPP54-S/S	77477	64.0
	60" (1500mm) SS Pole	MSPP60-S/S	77478	67.0
	72" (1800mm) SS Pole	MSPP72-S/S	77479	76.0
	84" (2100mm) SS Pole	MSPP84-S/S	77480	88.6
2	SS Mounting Plate Kit* (2 ea.)	MSPMPK-S/S	77582	8.3
3	SS Pole Lock* (1 ea.)	MSPPL-S/S	77524	1.9
4	Stainless Steel Blade Pin Kit* (1 ea.)	MSPBP	107852	0.1
5	SS Pivot Arm Kit* (1 ea.)	QMTPAK-S/S	77587	4.3
6	SS Tension Spring – Purple (1 ea.)	QMTS-P-S/S	77450	0.6
6a	SS Tension Spring – White (1 ea.)	QMTS-W-S/S	77451	1.7
6b	SS Tension Spring – Gold (1 ea.)	QMTS-G-S/S	77452	2.5
7	Bushing Kit – Purple (2 ea.)	QMTBK-P	76097	0.1
7a	Bushing Kit – White (2 ea.)	QMTBK-W	76098	0.2
7b	Bushing Kit – Gold (2 ea.)	QMTBK-G	76540	0.3
8	SS Pivot Shaft Bracket Kit* (1 ea.)	QMTPSBK-S/S	77588	4.3
9	SS Torsion Arm Kit* (1 ea.)	PSTA-S/S	77442	11.4
-	SS QMT Spring Tensioner* – Purple (incl. (1) ea. items 5, 6, 7, 8, & 9)	QMT-P-S/S	77584	20.4
-	SS QMT Spring Tensioner* – White (incl. (1) ea. items 5, 6a, 7a, 8, & 9)	QMT-W-S/S	77585	21.8
-	SS QMT Spring Tensioner* – Gold (incl. (1) ea. items 5, 6b, 7b, 8, & 9)	QMT-G-S/S	77586	23.2

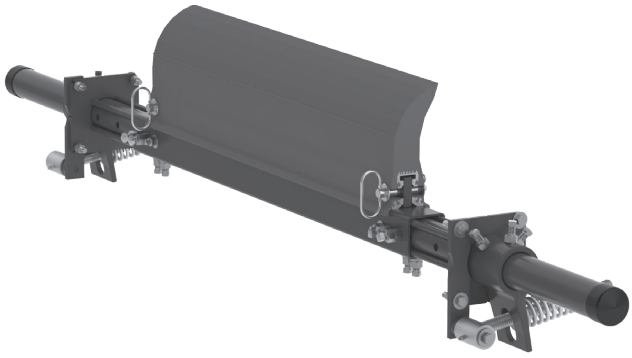
*Hardware Included
Lead Time: 1 working day

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

Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	77584 QMT-P-S/S	77585 QMT-W-S/S	77586 QMT-G-S/S
ConShear™ 10–28" (250–700mm)	X		
ConShear™ 34–70" (850–1750mm)		X	
ConShear™ 76–82" (1900–2050mm)			X

Product Ordering Information



Belt Width Minus 6" (150 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	MMP-624	76450	159.4
30	750	24	600	MMP-630	76451	175.0
36	900	30	750	MMP-636	76452	190.6
42	1050	36	900	MMP-642	76453	206.2
48	1200	42	1050	MMP-648	76454	221.8
54	1350	48	1200	MMP-654	76455	237.4
60	1500	54	1350	MMP-660	76456	253.0
72	1800	66	1650	MMP-672	76457	291.1
84	2100	78	1950	MMP-684	76798	344.1
96	2400	90	2250	MMP-696	79033	397.1
108	2700	102	2550	MMP-6108	90147	450.1
120	3000	114	2850	MMP-6120	90148	503.1

Belt Width Minus 12" (300 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
30	750	18	450	MMP-1230	76551	168.0
36	900	24	600	MMP-1236	76552	183.6
42	1050	30	750	MMP-1242	76553	199.2
48	1200	36	900	MMP-1248	76554	214.8
54	1350	42	1050	MMP-1254	76555	230.4
60	1500	48	1200	MMP-1260	76556	246.0
72	1800	60	1500	MMP-1272	76557	284.1
84	2100	72	1800	MMP-1284	76799	337.1
96	2400	84	2100	MMP-1296	79034	390.1
108	2700	96	2400	MMP-12108	90149	443.1
120	3000	108	2700	MMP-12120	90150	496.1

Belt Width Minus 18" (450 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
36	900	18	450	MMP-1836	77575	176.6
42	1050	24	600	MMP-1842	77576	192.2
48	1200	30	750	MMP-1848	77577	207.8
54	1350	36	900	MMP-1854	77578	223.4
60	1500	42	1050	MMP-1860	77579	239.0
72	1800	54	1350	MMP-1872	77580	277.1
84	2100	66	1650	MMP-1884	77581	330.1
96	2400	78	1950	MMP-1896	79040	383.1
108	2700	90	2250	MMP-18108	91926	436.1
120	3000	102	2550	MMP-18120	91927	489.1

Belt Width Minus 24" (600 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
42	1050	18	450	MMP-2442	91928	185.2
48	1200	24	600	MMP-2448	91929	200.8
54	1350	30	750	MMP-2454	91930	216.4
60	1500	36	900	MMP-2460	91931	232.0
72	1800	48	1200	MMP-2472	91932	270.1
84	2100	60	1500	MMP-2484	91933	323.1
96	2400	72	1800	MMP-2496	91934	376.1
108	2700	84	2100	MMP-24108	91935	429.1
120	3000	96	2400	MMP-24120	91936	482.1

Optional Mounting Kits

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Optional Mounting Bar Kit *	MMBK	75830	19.5
Mounting Plate Kit * (2 plates)	MMPK	76537	140.0

*Hardware Included
Lead time: 1 working day

Standard Lead time: 1 working day

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

Product Notes:

- Recommended for medium-duty conveyor applications. For extreme, abusive applications see the MHP Heavy-Duty Precleaner (p. 55) or the MHCP Heavy-Duty Cartridge Precleaner (p. 69).
- 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 12" (300 mm) may be the best solution.
- Each cleaner pole is retrofittable in blade sizes down to 18" (450 mm) in 6" (150 mm) increments.
- Pole Length: Belt width plus 54" (1350 mm). For longer requirements see Installation Accessories – Pole Extender Kit (p. 145).
- Visual Tension Check: No guesswork on blade tensioning. Measure the spring and adjust to specified length per blade width to restore optimal tensioning.

Product Ordering Information

MMP Stainless Steel
Medium Mine-Duty Precleaner

Belt Width Minus 6" (150 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	MMP-624-S/S	77424	159.4
30	750	24	600	MMP-630-S/S	77425	175.0
36	900	30	750	MMP-636-S/S	77426	190.6
42	1050	36	900	MMP-642-S/S	77427	206.2
48	1200	42	1050	MMP-648-S/S	77428	221.8
54	1350	48	1200	MMP-654-S/S	77429	237.4
60	1500	54	1350	MMP-660-S/S	77430	253.0
72	1800	66	1650	MMP-672-S/S	77431	291.1
84	2100	78	1950	MMP-684-S/S	77432	344.1
96	2400	90	2250	MMP-696-S/S	79035	397.1

Belt Width Minus 12" (300 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
30	750	18	450	MMP-1230-S/S	77433	168.0
36	900	24	600	MMP-1236-S/S	77434	183.6
42	1050	30	750	MMP-1242-S/S	77435	199.2
48	1200	36	900	MMP-1248-S/S	77436	214.8
54	1350	42	1050	MMP-1254-S/S	77437	230.4
60	1500	48	1200	MMP-1260-S/S	77438	246.0
72	1800	60	1500	MMP-1272-S/S	77439	284.1
84	2100	72	1800	MMP-1284-S/S	77440	337.1
96	2400	84	2100	MMP-1296-S/S	79036	390.1

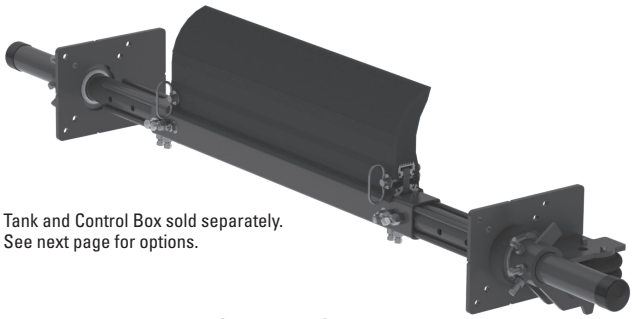
Shaded items are made to order.
Lead time: 3 weeks

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 12" (300 mm) may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 6" (150 mm), 12" (300 mm), or 18" (450 mm)).
- Pole Length: Belt width plus 54" (1350 mm). For longer requirements see Installation Accessories – Pole Extender Kit (p. 145).
- 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 (p. 145).

Product Ordering Information

MMP
Medium Mine-Duty Precleaner with Pneumatic Air Tensioner



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

Belt Width Minus 6" (150 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	MMP-624P	78706	202.0
30	750	24	600	MMP-630P	78707	217.6
36	900	30	750	MMP-636P	78708	233.2
42	1050	36	900	MMP-642P	78709	248.8
48	1200	42	1050	MMP-648P	78710	264.4
54	1350	48	1200	MMP-654P	78711	280.0
60	1500	54	1350	MMP-660P	78712	295.6
72	1800	66	1650	MMP-672P	78713	333.7
84	2100	78	1950	MMP-684P	78714	386.7
96	2400	90	2250	MMP-696P	79037	439.7
108	2700	102	2550	MMP-6108P	90389	492.7
120	3000	114	2850	MMP-6120P	90390	545.7

Belt Width Minus 12" (300 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
30	750	18	450	MMP-1230P	78715	210.6
36	900	24	600	MMP-1236P	78716	226.2
42	1050	30	750	MMP-1242P	78717	241.8
48	1200	36	900	MMP-1248P	78718	257.4
54	1350	42	1050	MMP-1254P	78719	273.0
60	1500	48	1200	MMP-1260P	78720	288.6
72	1800	60	1500	MMP-1272P	78721	326.7
84	2100	72	1800	MMP-1284P	78722	379.7
96	2400	84	2100	MMP-1296P	79038	432.7
108	2700	96	2400	MMP-12108P	90391	485.7
120	3000	108	2700	MMP-12120P	90392	538.7

Belt Width Minus 18" (450 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
36	900	18	450	MMP-1836P	91995	219.2
42	1050	24	600	MMP-1842P	91996	234.4
48	1200	30	750	MMP-1848P	91997	250.4
54	1350	36	900	MMP-1854P	91998	266.0
60	1500	42	1050	MMP-1860P	91999	281.6
72	1800	54	1350	MMP-1872P	92000	319.7
84	2100	66	1650	MMP-1884P	92001	372.7
96	2400	78	1950	MMP-1896P	92002	425.7
108	2700	90	2250	MMP-18108P	92003	478.7
120	3000	102	2550	MMP-18120P	92004	531.7

Belt Width Minus 24" (600 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
42	1050	18	450	MMP-2442P	92005	227.4
48	1200	24	600	MMP-2448P	92006	243.4
54	1350	30	750	MMP-2454P	92007	259.0
60	1500	36	900	MMP-2460P	92008	274.6
72	1800	48	1200	MMP-2472P	92009	312.7
84	2100	60	1500	MMP-2484P	92010	365.7
96	2400	72	1800	MMP-2496P	92011	418.7
108	2700	84	2100	MMP-24108P	92012	471.7
120	3000	96	2400	MMP-24120P	92013	524.7

Standard Lead time: 1 working day

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

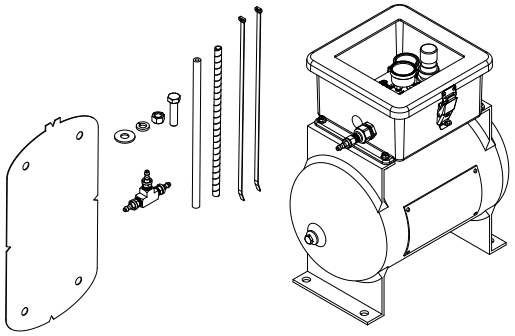
Product Notes:

- Recommended for medium-duty conveyor applications. For extreme, abusive applications see the MHP Heavy-Duty Precleaner (p. 55) or the MHCP Heavy-Duty Cartridge Precleaner (p. 69).
- 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 12" (300 mm) may be the best solution.
- Each cleaner pole is retrofittable for blade sizes down to 18" (450 mm) in 6" (150 mm) increments.
- Pole Length: Belt width plus 54" (1350 mm). For longer requirements see Installation Accessories – Pole Extender Kit (p. 145).
- Comes with 50' (15.2 m) of hose and 1' (300 mm) hose wrap.
- 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 Control Box or Control Box/Tank Combo Kit.
- To make cleaner installation easier and quicker, see Optional Mounting Kits (p. 145).

Product Ordering Information

Control Box/Tank Combo Units for Closed System

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Control Box/Tank Combo Unit for Precleaner - 60 PSI	PAT-C-60	108230	64.0
Control Box/Tank Combo Unit for Secondary Cleaner - 100 PSI	PAT-C-100	108231	64.0

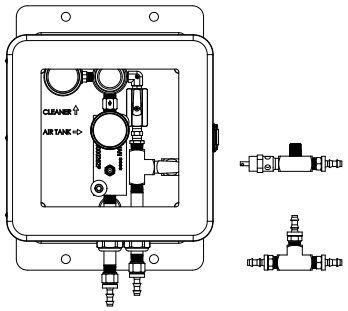


Product Notes:

- 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. LBS.
Control Box Kit for Precleaner - 60 PSI	PACB2-60	108228	13.6
Control Box Kit for Secondary Cleaner - 100 PSI	PACB2-100	108229	13.6

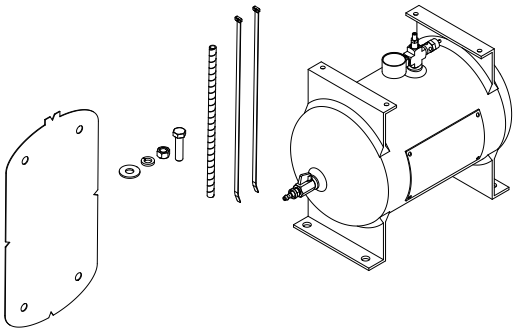


Product Notes:

- 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. LBS.
ASME Air Tank Kit	PAT-N	108232	47.3



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

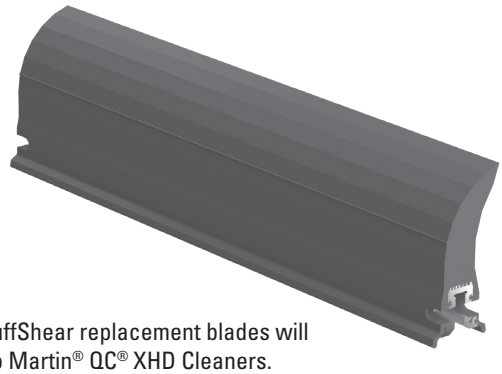
DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
10' (3m) Hose Kit	PATHK	78794	1.5
Upgrade Fitting Kit (fill valve, push-on fittings, plugs)	AWTRK	79319	0.4

TuffShear™ Replacement Blades

Standard TuffShear™ Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	TRB18	76485	21.0
24	600	TRB24	76486	28.0
30	750	TRB30	76487	35.0
36	900	TRB36	76488	42.0
42	1050	TRB42	76489	49.0
48	1200	TRB48	76490	56.0
54	1350	TRB54	76491	63.0
60	1500	TRB60	76492	70.0
66	1650	TRB66	76493	77.0
72	1800	TRB72	76494	84.0
78	1950	TRB78	76697	91.0
84	2100	TRB84	77047	98.0
90	2250	TRB90	77048	105.0
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		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	TRB-HT18	78754	21.0
24	600	TRB-HT24	78755	28.0
30	750	TRB-HT30	78756	35.0
36	900	TRB-HT36	78757	42.0
42	1050	TRB-HT42	78758	49.0
48	1200	TRB-HT48	78759	56.0
54	1350	TRB-HT54	78760	63.0
60	1500	TRB-HT60	78761	70.0
66	1650	TRB-HT66	78762	77.0
72	1800	TRB-HT72	78763	84.0
78	1950	TRB-HT78	78764	91.0
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		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
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.
- Five flat facets make for easy visual inspection of the remaining blade life in 20% increments.
- TuffShear™ blades are made of a special long-wearing polyurethane.
- Quick blade replacement: Pull one pin, remove the old blade and slide the new one in.

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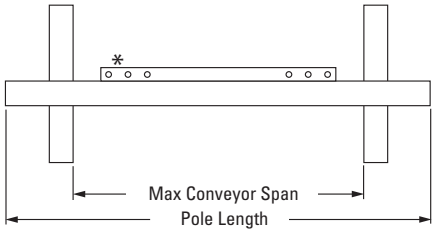
Specifications & Guidelines

Pole Length Specifications*

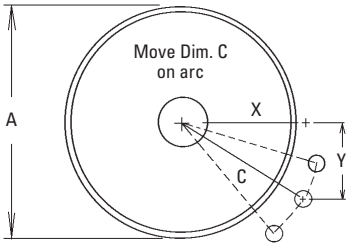
CLEANER SIZE		MAX OVERALL POLE LENGTH		CENTER POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
24	600	78	1950	24	600	66	1650
30	750	84	2100	30	750	72	1800
36	900	90	2250	36	900	78	1950
42	1050	96	2400	42	1050	84	2100
48	1200	102	2550	48	1200	90	2250
54	1350	108	2700	54	1350	96	2400
60	1500	114	2850	60	1500	102	2550
72	1800	126	3150	72	1800	114	2850
84	2100	138	3450	84	2100	126	3150
96	2400	150	3750	96	2400	138	3450
108	2700	162	4050	108	2700	150	3750
120	3000	174	4350	120	3000	162	4050

* For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750 mm) of extended pole length. (p. 145). Pole Diameter – 2-7/8" (73 mm)



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

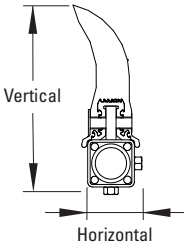
Pole Location Specs



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

Clearance Guidelines for Installation

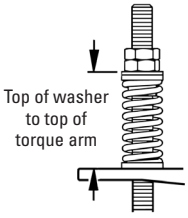
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
4	100	13	325



Spring Length Chart

Blade Width		Purple Springs		White Springs		Gold Springs		Silver Springs	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
18	450	4 3/8	111	6	152	N/A	N/A	N/A	N/A
24	600	N/A	N/A	5 3/4	146	6	152	N/A	N/A
30	750	N/A	N/A	5 1/2	140	5 7/8	149	N/A	N/A
36	900	N/A	N/A	5 3/8	137	5 3/4	146	N/A	N/A
42	1050	N/A	N/A	5 1/8	130	5 5/8	143	6 1/8	156
48	1200	N/A	N/A	5	127	5 5/8	143	6 1/8	156
54	1350	N/A	N/A	4 3/4	121	5 1/2	140	6	152
60	1500	N/A	N/A	4 1/2	114	5 3/8	137	6	152
66	1650	N/A	N/A	N/A	N/A	5 1/4	133	5 7/8	149
72	1800	N/A	N/A	N/A	N/A	5 1/8	130	5 7/8	149
78	1950	N/A	N/A	N/A	N/A	5	127	5 3/4	146
84	2100	N/A	N/A	N/A	N/A	4 7/8	124	5 3/4	146
90	2250	N/A	N/A	N/A	N/A	N/A	N/A	5 3/4	146
96	2400	N/A	N/A	N/A	N/A	N/A	N/A	5 5/8	143
102	2550	N/A	N/A	N/A	N/A	N/A	N/A	5 5/8	143
108	2700	N/A	N/A	N/A	N/A	N/A	N/A	5 1/2	140
114	2850	N/A	N/A	N/A	N/A	N/A	N/A	5 1/2	140

Shading indicates preferred spring option.



Pressure Chart

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

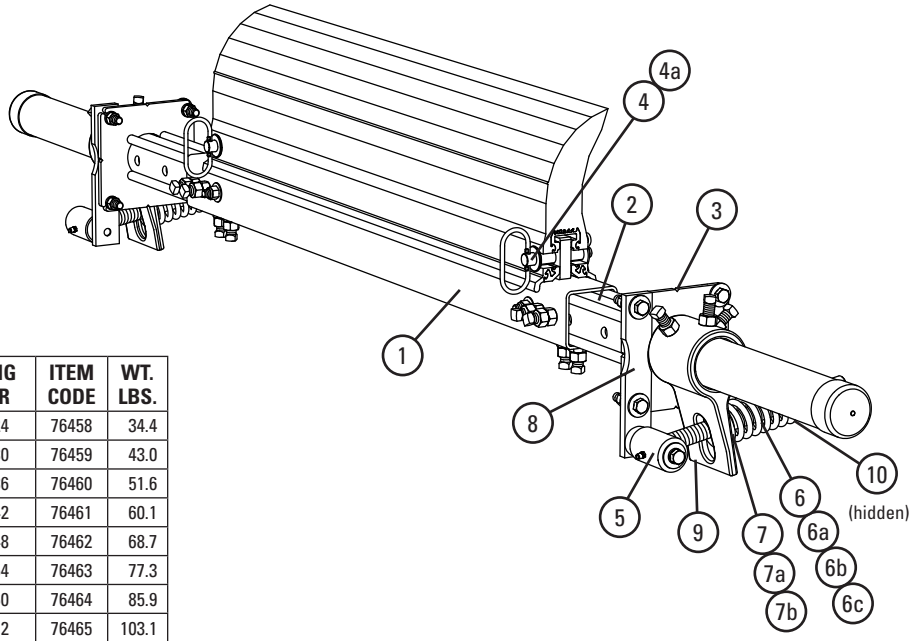
PSI setting is based on the belt width.

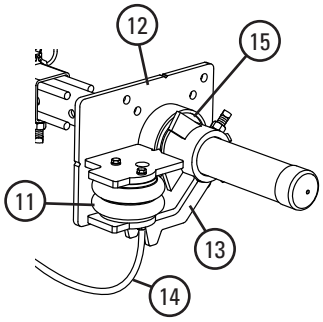
Pole Location Chart

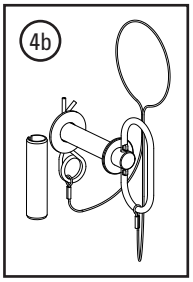
A		X		Y		C	
in.	mm	in.	mm	in.	mm	in.	mm
16	400	8 1/8	206	12	300	14 1/2	368
17	425	8 3/4	222	12	300	14 7/8	378
18	450	9 1/4	235	12	300	15 1/8	384
19	475	9 3/4	248	12	300	15 1/2	394
20	500	10 3/8	264	12	300	15 7/8	403
21	525	11	279	12	300	16 1/4	413
22	550	11 1/2	292	12	300	16 5/8	422
23	575	12	305	12	300	17	432
24	600	12 5/8	321	12	300	17 3/8	441
25	625	13 1/8	333	12	300	17 3/4	451
26	650	13 5/8	346	12	300	18 1/8	460
27	675	14 1/8	359	12	300	18 1/2	470
28	700	14 5/8	371	12	300	18 7/8	479
29	725	15 1/4	387	12	300	19 3/8	492
30	750	15 5/8	397	12	300	19 3/4	502
31	775	16 1/8	410	12	300	20 1/8	511
32	800	16 3/4	425	12	300	20 5/8	524
33	825	17 1/4	438	12	300	21	533
34	850	17 3/4	451	12	300	21 3/8	543
35	875	18 1/4	464	12	300	21 7/8	556
36	900	18 3/4	476	12	300	22 1/4	565
37	925	19 3/8	492	12	300	22 3/4	578
38	950	19 3/4	502	12	300	23 1/8	587
39	975	20 3/8	518	12	300	23 5/8	600
40	1000	20 3/4	527	12	300	24	610
41	1025	21 3/8	543	12	300	24 1/2	622
42	1050	21 7/8	556	12	300	25	635
43	1075	22 1/2	572	12	300	25 1/2	648
44	1100	23 1/8	587	12	300	26	660
45	1125	23 5/8	600	12	300	26 1/2	673
46	1150	24 1/8	613	12	300	27	686
47	1175	24 3/4	629	12	300	27 1/2	699
48	1200	25 1/4	641	12	300	28	711

Specifications:

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







Replacement Parts

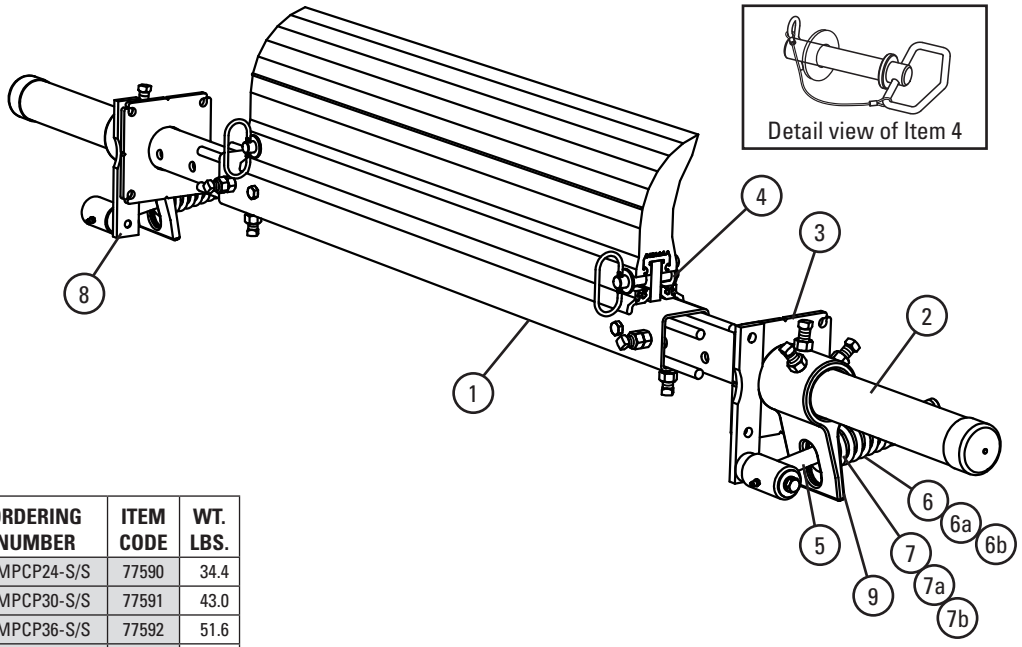
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) Center Pole	MMPCP24	76458	34.4
	30" (750mm) Center Pole	MMPCP30	76459	43.0
	36" (900mm) Center Pole	MMPCP36	76460	51.6
	42" (1050mm) Center Pole	MMPCP42	76461	60.1
	48" (1200mm) Center Pole	MMPCP48	76462	68.7
	54" (1350mm) Center Pole	MMPCP54	76463	77.3
	60" (1500mm) Center Pole	MMPCP60	76464	85.9
	72" (1800mm) Center Pole	MMPCP72	76465	103.1
	84" (2100mm) Center Pole	MMPCP84	76808	120.3
	96" (2400mm) Center Pole	MMPCP96	77722	137.5
	108" (2700mm) Center Pole	MMPCP108	90326	154.7
	120" (3000mm) Center Pole	MMPCP120	90327	171.9
2	Extender Pole Kit (2 ea.)	MHP-EP	76392	54.0
3	Mounting Plate Kit* (2 ea.)	MSPMPK	75811	8.3
4	Blade Pin Kit* (1 ea.)	MMPBPK	76466	0.8
4a	Optional Stainless Steel Blade Pin Kit* (1 ea.)	MMPBPK-S/S	77600	0.8
4b	Roll Pin Kit* (1 ea.)	MMPRPK	111870	1.0
5	Pivot Arm Kit* (1 ea.)	QMTPAK	76096	4.3
6	Tension Spring - Purple (1 ea.)	QMTS-P	75845	0.6
6a	Tension Spring – White (1 ea.)	PSTS-W	75898	1.7
6b	Tension Spring – Gold (1 ea.)	QMTS-G	76484	2.5
6c	Tension Spring – Silver (1 ea.)	PSTS-S	75899	3.0
7	Bushing Kit - Purple (2 ea.)	QMTBK-P	76097	0.1
7a	Bushing Kit - White & Silver (2 ea.)	QMTBK-W	76098	0.2
7b	Bushing Kit - Gold (2 ea.)	QMTBK-G	76540	0.3
8	Pivot Shaft Bracket Kit* (1 ea.)	QMTPSBK	76099	4.3
9	Torsion Arm Kit* (1 ea.)	PSTA	75896	11.4
10	Jam Nut Kit, QMT Tensioner	JNK-C	79893	0.3
-	QMT Spring Tensioner* – Purple (incl. (1) ea. items 5, 6, 7, 8, & 9)	QMT-P	76074	20.4
-	QMT Spring Tensioner* – White (incl. (1) ea. items 5, 6a, 7a, 8, & 9)	QMT-W	76075	21.8
-	QMT Spring Tensioner* – Gold (incl. (1) ea. items 5, 6b, 7b, 8, & 9)	QMT-G	76483	23.2
-	QMT Spring Tensioner* – Silver (incl. (1) ea. items 5, 6c, 7a, 8 & 9)	QMT-S	79039	20.3
11	Air Bag (1 ea.)	AWTB	75905	3.8
12	Mounting Base (1 ea.)	AWTMB	75906	22.9
13	Torque Arm* (1 ea.)	AWTA	75907	11.6
14	Hose Kit (50' of hose & (6) hose clamps)	AWTHK	75909	6.7
15	AWT Pole Bearing Assy (for cleaners shipped after 4/2016)	AWTPBA	90000	2.3
-	AWT Air Tensioner (incl. (2) ea. items 11,12, 13 & 14)	AWTNCB	76069	75.2

*Hardware Included
Lead Time: 1 working day

Spring Tensioner Selection Chart

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

Replacement Parts List



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) SS Center Pole	MMPCP24-S/S	77590	34.4
	30" (750mm) SS Center Pole	MMPCP30-S/S	77591	43.0
	36" (900mm) SS Center Pole	MMPCP36-S/S	77592	51.6
	42" (1050mm) SS Center Pole	MMPCP42-S/S	77593	60.1
	48" (1200mm) SS Center Pole	MMPCP48-S/S	77594	68.7
	54" (1350mm) SS Center Pole	MMPCP54-S/S	77595	77.3
	60" (1500mm) SS Center Pole	MMPCP60-S/S	77596	85.9
	72" (1800mm) SS Center Pole	MMPCP72-S/S	77597	103.1
	84" (2100mm) SS Center Pole	MMPCP84-S/S	77598	120.3
	96" (2400mm) SS Center Pole	MMPCP96-S/S	78686	137.5
2	SS Extender Pole Kit (2 ea.)	MHP-EP-S/S	77599	54.0
3	SS Mounting Plate Kit* (2 ea.)	MSPMPK-S/S	77582	8.3
4	SS Blade Pin Kit* (1 ea.)	MMPBPK-S/S	77600	0.8
5	SS Pivot Arm Kit* (1 ea.)	QMTPAK-S/S	77587	4.3
6	SS Tension Spring–Purple (1 ea.)	QMTS-P-S/S	77450	0.6
6a	SS Tension Spring–White (1 ea.)	QMTS-W-S/S	77451	1.7
6b	SS Tension Spring–Gold (1 ea.)	QMTS-G-S/S	77452	2.5
6c	SS Tension Spring–Silver (1 ea.)	QMTS-S-S/S	79056	3.1
7	Bushing Kit – Purple (2 ea.)	QMTBK-P	76097	0.1
7a	Bushing Kit – White and Silver (2 ea.)	QMTBK-W	76098	0.2
7b	Bushing Kit – Gold (2 ea.)	QMTBK-G	76540	0.3
8	SS Pivot Shaft Bracket Kit* (1 ea.)	QMTPSBK-S/S	77588	4.3
9	SS Torsion Arm Kit* (1 ea.)	PSTA-S/S	77442	11.4
-	SS QMT Spring Tensioner*–Purple (incl. (1) ea. items 5, 6, 7, 8, & 9)	QMT-P-S/S	77584	20.4
-	SS QMT Spring Tensioner*–White (incl. (1) ea. items 5, 6a, 7a, 8, & 9)	QMT-W-S/S	77585	21.8
-	SS QMT Spring Tensioner*–Gold (incl. (1) ea. items 5, 6b, 7b, 8, & 9)	QMT-G-S/S	77586	23.2
-	SS QMT Spring Tensioner*–Silver (incl. (1) ea. items 5, 6c, 7a, 8 & 9)	QMT-S-S/S	79059	24.6

*Hardware Included
Lead Time: 1 working day

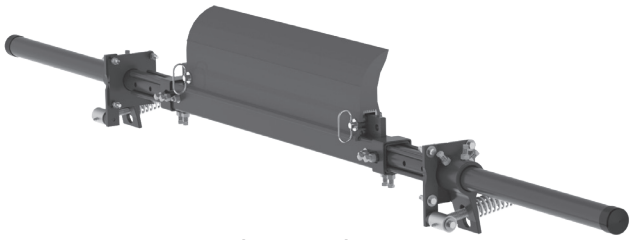
Shaded items are made to order.
Lead time: 3 weeks

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™ 18–24" (450–600mm)	X			
TuffShear™ 30–48" (750–1200mm)		X		
TuffShear™ 54–78" (1350–1950mm)			X	
TuffShear™ 84"-90" (2100-2250mm)				X

Product Ordering Information

MMP
Underground Precleaner



Belt Width Minus 6" (150 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	42	1050	MMP-648-UG	91943	293.1
54	1350	48	1200	MMP-654-UG	91944	307.1
60	1500	54	1350	MMP-660-UG	91945	321.1
72	1800	66	1650	MMP-672-UG	91946	379.0
84	2100	78	1950	MMP-684-UG	91947	432.8
96	2400	90	2250	MMP-696-UG	91948	487.6
108	2700	102	2550	MMP-6108-UG	91949	541.4
120	3000	114	2850	MMP-6120-UG	91950	595.2

Belt Width Minus 12" (300 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	36	900	MMP-1248-UG	91951	286.1
54	1350	42	1050	MMP-1254-UG	91952	300.1
60	1500	48	1200	MMP-1260-UG	91953	314.1
72	1800	60	1500	MMP-1272-UG	91954	372.0
84	2100	72	1800	MMP-1284-UG	91955	425.8
96	2400	84	2100	MMP-1296-UG	91956	480.6
108	2700	96	2400	MMP-12108-UG	91957	534.4
120	3000	108	2700	MMP-12120-UG	91958	588.2

Belt Width Minus 18" (450 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	30	750	MMP-1848-UG	91959	279.1
54	1350	36	900	MMP-1854-UG	91960	293.1
60	1500	42	1050	MMP-1860-UG	91961	307.1
72	1800	54	1350	MMP-1872-UG	91962	365.0
84	2100	66	1650	MMP-1884-UG	91963	418.8
96	2400	78	1950	MMP-1896-UG	91964	473.6
108	2700	90	2250	MMP-18108-UG	91965	527.4
120	3000	102	2550	MMP-18120-UG	91966	581.2

Belt Width Minus 24" (600 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	24	600	MMP-2448-UG	91967	272.1
54	1350	30	750	MMP-2454-UG	91968	286.1
60	1500	36	900	MMP-2460-UG	91969	300.1
72	1800	48	1200	MMP-2472-UG	91970	358.0
84	2100	60	1500	MMP-2484-UG	91971	411.8
96	2400	72	1800	MMP-2496-UG	91972	466.6
108	2700	84	2100	MMP-24108-UG	91973	520.4
120	3000	96	2400	MMP-24120-UG	91974	574.2

Belt Width Minus 30" (750 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	18	450	MMP-3048-UG	91975	265.1
54	1350	24	600	MMP-3054-UG	91976	279.1
60	1500	30	750	MMP-3060-UG	91977	293.1
72	1800	42	1050	MMP-3072-UG	91978	351.0
84	2100	54	1350	MMP-3084-UG	91979	404.8
96	2400	66	1650	MMP-3096-UG	91980	459.6
108	2700	78	1950	MMP-30108-UG	91981	513.4
120	3000	90	2250	MMP-30120-UG	91982	567.2

Belt Width Minus 36" (900 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
54	1350	18	450	MMP-3654-UG	91983	272.1
60	1500	24	600	MMP-3660-UG	91984	286.1
72	1800	36	900	MMP-3672-UG	91985	344.0
84	2100	48	1200	MMP-3684-UG	91986	397.8
96	2400	60	1500	MMP-3696-UG	91987	452.6
108	2700	72	1800	MMP-36108-UG	91988	506.4
120	3000	84	2100	MMP-36120-UG	91989	560.2

Standard Lead time: 1 working day

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

Optional Mounting Kits

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Optional Mounting Bar Kit *	MMBK	75830	19.5
Mounting Plate Kit * (2 plates)	MMPK	76537	140.0

*Hardware Included

Product Notes:

- Recommended for medium-duty conveyor applications. For extreme, abusive applications see the MHP Heavy-Duty Precleaner (p. 55) or the MHCP Heavy-Duty Cartridge Precleaner (p. 69).
- 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 12" (300 mm) may be the best solution.
- Each cleaner pole is retrofittable in blade sizes down to 18" (450 mm) in 6" (150 mm) increments.
- Pole Length: Belt width plus 96" (2400 mm).
- 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 (p. 145).

Product Ordering Information

MMP
Underground Precleaner with Pneumatic Air Tensioner

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

Belt Width Minus 6" (150 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	42	1050	MMP-648P-UG	92014	335.7
54	1350	48	1200	MMP-654P-UG	92015	349.7
60	1500	54	1350	MMP-660P-UG	92016	363.7
72	1800	66	1650	MMP-672P-UG	92017	421.6
84	2100	78	1950	MMP-684P-UG	92018	475.4
96	2400	90	2250	MMP-696P-UG	92019	530.2
108	2700	102	2550	MMP-6108P-UG	92020	584.0
120	3000	114	2850	MMP-6120P-UG	92021	637.8

Belt Width Minus 12" (300 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	36	900	MMP-1248P-UG	92022	328.7
54	1350	42	1050	MMP-1254P-UG	92023	342.7
60	1500	48	1200	MMP-1260P-UG	92024	356.7
72	1800	60	1500	MMP-1272P-UG	92025	414.6
84	2100	72	1800	MMP-1284P-UG	92026	468.4
96	2400	84	2100	MMP-1296P-UG	92027	523.2
108	2700	96	2400	MMP-12108P-UG	92028	577.0
120	3000	108	2700	MMP-12120P-UG	92029	630.8

Belt Width Minus 18" (450 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	30	750	MMP-1848P-UG	92030	321.7
54	1350	36	900	MMP-1854P-UG	92031	335.7
60	1500	42	1050	MMP-1860P-UG	92032	349.7
72	1800	54	1350	MMP-1872P-UG	92033	407.6
84	2100	66	1650	MMP-1884P-UG	92034	461.4
96	2400	78	1950	MMP-1896P-UG	92035	516.2
108	2700	90	2250	MMP-18108P-UG	92036	570.0
120	3000	102	2550	MMP-18120P-UG	92037	623.8

Belt Width Minus 24" (600 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	24	600	MMP-2448P-UG	92038	314.7
54	1350	30	750	MMP-2454P-UG	92039	328.7
60	1500	36	900	MMP-2460P-UG	92040	342.7
72	1800	48	1200	MMP-2472P-UG	92041	400.6
84	2100	60	1500	MMP-2484P-UG	92042	454.4
96	2400	72	1800	MMP-2496P-UG	92043	509.2
108	2700	84	2100	MMP-24108P-UG	92044	563.0
120	3000	96	2400	MMP-24120P-UG	92045	616.8

Belt Width Minus 30" (750 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	18	450	MMP-3048P-UG	92046	307.7
54	1350	24	600	MMP-3054P-UG	92047	321.7
60	1500	30	750	MMP-3060P-UG	92048	335.7
72	1800	42	1050	MMP-3072P-UG	92049	393.6
84	2100	54	1350	MMP-3084P-UG	92050	447.4
96	2400	66	1650	MMP-3096P-UG	92051	502.2
108	2700	78	1950	MMP-30108P-UG	92052	556.0
120	3000	90	2250	MMP-30120P-UG	92053	609.8

Belt Width Minus 36" (900 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
54	1350	18	450	MMP-3654P-UG	92054	314.7
60	1500	24	600	MMP-3660P-UG	92055	328.7
72	1800	36	900	MMP-3672P-UG	92056	386.6
84	2100	48	1200	MMP-3684P-UG	92057	440.4
96	2400	60	1500	MMP-3696P-UG	92058	495.2
108	2700	72	1800	MMP-36108P-UG	92059	549.0
120	3000	84	2100	MMP-36120P-UG	92060	602.8

Standard Lead time: 1 working day

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

Optional Mounting Kits

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Optional Mounting Bar Kit *	MMBK	75830	19.5
Mounting Plate Kit * (2 plates)	MMPK	76537	140.0

*Hardware Included

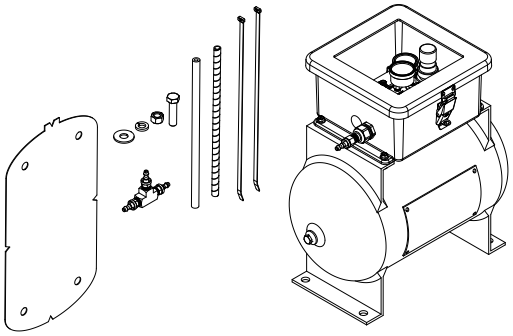
Product Notes:

- Recommended for medium-duty conveyor applications. For extreme, abusive applications see the MHP Heavy-Duty Precleaner (p. 55) or the MHCP Heavy-Duty Cartridge Precleaner (p. 69).
- 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 12" (300 mm) may be the best solution.
- Each cleaner pole is retrofittable in blade sizes down to 18" (450 mm) in 6" (150 mm) increments.
- Pole Length: Belt width plus 96" (2400 mm). For longer requirements see Installation Accessories – Pole Extender Kit (p. 145).
- Comes with 50' (15.2 m) of hose and 1' (300 mm) hose wrap.
- 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 (p. 145).

Product Ordering Information

Control Box/Tank Combo Units for Closed System

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Control Box/Tank Combo Unit for Precleaner - 60 PSI	PAT-C-60	108230	64.0
Control Box/Tank Combo Unit for Secondary Cleaner - 100 PSI	PAT-C-100	108231	64.0

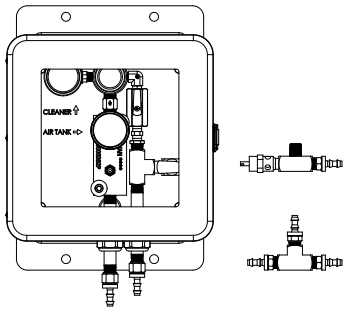


Product Notes:

- 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. LBS.
Control Box Kit for Precleaner - 60 PSI	PACB2-60	108228	13.6
Control Box Kit for Secondary Cleaner - 100 PSI	PACB2-100	108229	13.6

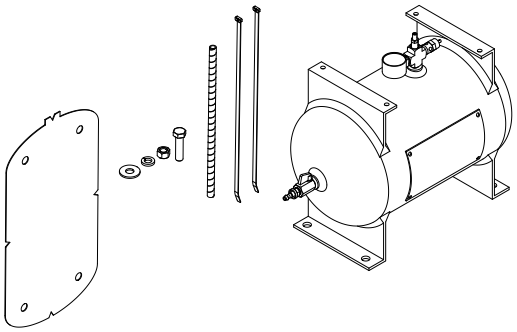


Product Notes:

- 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. LBS.
ASME Air Tank Kit	PAT-N	108232	47.3



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. LBS.
10' (3m) Hose Kit	PATHK	78794	1.5
Upgrade Fitting Kit (fill valve, push-on fittings, plugs)	AWTRK	79319	0.4

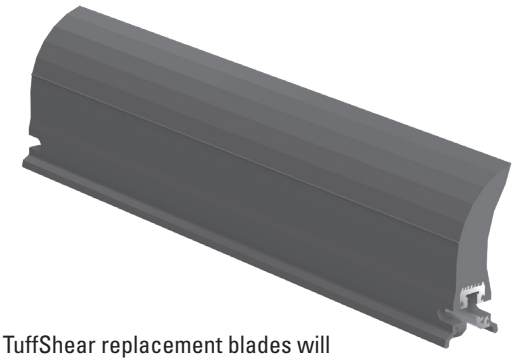
TuffShear™ Replacement Blades

MMP
Underground Precleaner with Portable Air Tensioner

Standard TuffShear™ Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	TRB18	76485	21.0
24	600	TRB24	76486	28.0
30	750	TRB30	76487	35.0
36	900	TRB36	76488	42.0
42	1050	TRB42	76489	49.0
48	1200	TRB48	76490	56.0
54	1350	TRB54	76491	63.0
60	1500	TRB60	76492	70.0
66	1650	TRB66	76493	77.0
72	1800	TRB72	76494	84.0
78	1950	TRB78	76697	91.0
84	2100	TRB84	77047	98.0
90	2250	TRB90	77048	105.0
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		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	TRB-HT18	78754	21.0
24	600	TRB-HT24	78755	28.0
30	750	TRB-HT30	78756	35.0
36	900	TRB-HT36	78757	42.0
42	1050	TRB-HT42	78758	49.0
48	1200	TRB-HT48	78759	56.0
54	1350	TRB-HT54	78760	63.0
60	1500	TRB-HT60	78761	70.0
66	1650	TRB-HT66	78762	77.0
72	1800	TRB-HT72	78763	84.0
78	1950	TRB-HT78	78764	91.0
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		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
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.
- Five flat facets make for easy visual inspection of the remaining blade life in 20% increments.
- TuffShear™ blades are made of a special long-wearing polyurethane.
- Quick blade replacement: Pull one pin, remove the old blade and slide the new one in.

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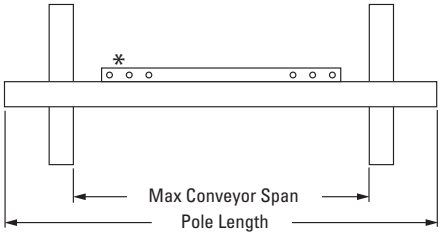
Specifications & Guidelines

Pole Length Specifications*

CLEANER SIZE		MAX OVERALL POLE LENGTH		CENTER POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
48	1200	144	3600	54	1350	132	3300
54	1350	150	3750	60	1500	138	3450
60	1500	156	3900	66	1650	144	3600
72	1800	168	4200	78	1950	156	3900
84	2100	180	4500	90	2250	168	4200
96	2400	192	4800	102	2550	180	4500
108	2700	204	5100	114	2850	192	4800
120	3000	216	4350	126	3150	204	5100

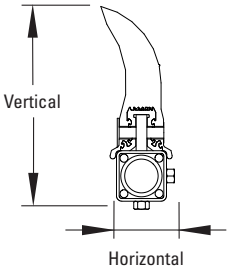
* For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750 mm) of extended pole length. (p. 145). Pole Diameter – 2-7/8" (73 mm)



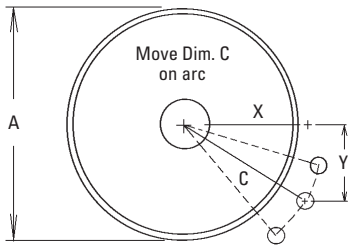
*Each pole size can be used with a blade size down to 18" (450 mm) in 6" (150 mm) increments.

Clearance Guidelines for Installation

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



Pole Location Specs

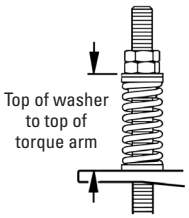


A = Pulley Diameter + Lagging and Belt
C = Critical Spec to move location if necessary

QMT Spring Length Chart

Blade Width		Purple Springs		White Springs		Gold Springs		Silver Springs	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
18	450	4 3/8	111	6	152	N/A	N/A	N/A	N/A
24	600	N/A	N/A	5 3/4	146	6	152	N/A	N/A
30	750	N/A	N/A	5 1/2	140	5 7/8	149	N/A	N/A
36	900	N/A	N/A	5 3/8	137	5 3/4	146	N/A	N/A
42	1050	N/A	N/A	5 1/8	130	5 5/8	143	6 1/8	156
48	1200	N/A	N/A	5	127	5 5/8	143	6 1/8	156
54	1350	N/A	N/A	4 3/4	121	5 1/2	140	6	152
60	1500	N/A	N/A	4 1/2	114	5 3/8	137	6	152
66	1650	N/A	N/A	N/A	N/A	5 1/4	133	5 7/8	149
72	1800	N/A	N/A	N/A	N/A	5 1/8	130	5 7/8	149
78	1950	N/A	N/A	N/A	N/A	5	127	5 3/4	146
84	2100	N/A	N/A	N/A	N/A	4 7/8	124	5 3/4	146
90	2250	N/A	N/A	N/A	N/A	N/A	N/A	5 3/4	146
96	2400	N/A	N/A	N/A	N/A	N/A	N/A	5 5/8	143
102	2550	N/A	N/A	N/A	N/A	N/A	N/A	5 5/8	143
108	2700	N/A	N/A	N/A	N/A	N/A	N/A	5 1/2	140
114	2850	N/A	N/A	N/A	N/A	N/A	N/A	5 1/2	140

Shading indicates preferred spring option.



Pressure Chart

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

PSI setting is based on the belt width.

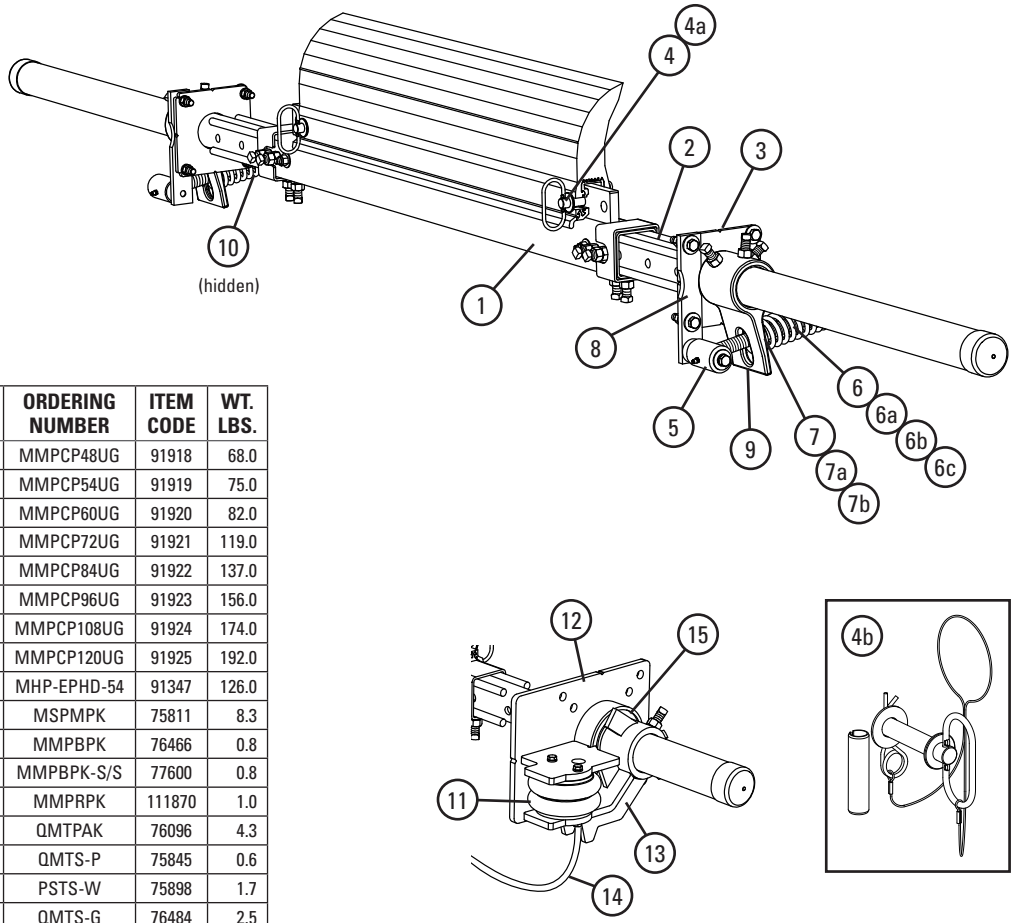
Pole Location Chart

A		X		Y		C	
in.	mm	in.	mm	in.	mm	in.	mm
16	400	8 1/8	206	12	300	14 1/2	368
17	425	8 3/4	222	12	300	14 7/8	378
18	450	9 1/4	235	12	300	15 1/8	384
19	475	9 3/4	248	12	300	15 1/2	394
20	500	10 3/8	264	12	300	15 7/8	403
21	525	11	279	12	300	16 1/4	413
22	550	11 1/2	292	12	300	16 5/8	422
23	575	12	305	12	300	17	432
24	600	12 5/8	321	12	300	17 3/8	441
25	625	13 1/8	333	12	300	17 3/4	451
26	650	13 5/8	346	12	300	18 1/8	460
27	675	14 1/8	359	12	300	18 1/2	470
28	700	14 5/8	371	12	300	18 7/8	479
29	725	15 1/4	387	12	300	19 3/8	492
30	750	15 5/8	397	12	300	19 3/4	502
31	775	16 1/8	410	12	300	20 1/8	511
32	800	16 3/4	425	12	300	20 5/8	524
33	825	17 1/4	438	12	300	21	533
34	850	17 3/4	451	12	300	21 3/8	543
35	875	18 1/4	464	12	300	21 7/8	556
36	900	18 3/4	476	12	300	22 1/4	565
37	925	19 3/8	492	12	300	22 3/4	578
38	950	19 3/4	502	12	300	23 1/8	587
39	975	20 3/8	518	12	300	23 5/8	600
40	1000	20 3/4	527	12	300	24	610
41	1025	21 3/8	543	12	300	24 1/2	622
42	1050	21 7/8	556	12	300	25	635
43	1075	22 1/2	572	12	300	25 1/2	648
44	1100	23 1/8	587	12	300	26	660
45	1125	23 5/8	600	12	300	26 1/2	673
46	1150	24 1/8	613	12	300	27	686
47	1175	24 3/4	629	12	300	27 1/2	699
48	1200	25 1/4	641	12	300	28	711

Specifications:

- Maximum Belt Speed .....1000 FPM (5 m/s)
- Temperature Rating .....TuffShear™: -30 to 180°F (-35 to 82°C)
  TuffShear™ High-Temp: up to 275°F (135°C), spikes to 325°F (164°C)
- Minimum Pulley Diameter.....16" (400 mm)
- Blade Height.....10" (250 mm)
- Usable Blade Wear Length.....6" (150 mm)
- Blade Material .....Polyurethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths .....48 to 120" (1200 to 3000 mm). Other sizes available upon request.
- CEMA Cleaner Rating .....Class 4

Replacement Parts List



Replacement Parts

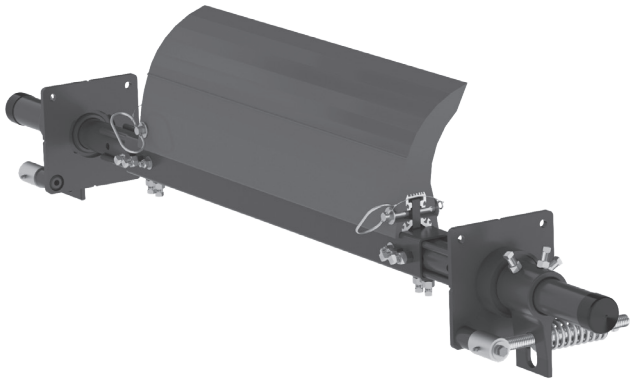
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	48" (1200mm) UG Center Pole	MMPCP48UG	91918	68.0
	54" (1350mm) UG Center Pole	MMPCP54UG	91919	75.0
	60" (1500mm) UG Center Pole	MMPCP60UG	91920	82.0
	72" (1800mm) UG Center Pole	MMPCP72UG	91921	119.0
	84" (2100mm) UG Center Pole	MMPCP84UG	91922	137.0
	96" (2400mm) UG Center Pole	MMPCP96UG	91923	156.0
	108" (2700mm) UG Center Pole	MMPCP108UG	91924	174.0
	120" (3000mm) UG Center Pole	MMPCP120UG	91925	192.0
2	Extender Pole HD Kit (2 ea.)	MHP-EPHD-54	91347	126.0
3	Mounting Plate Kit* (2 ea.)	MSPMPK	75811	8.3
4	Blade Pin Kit* (1 ea.)	MMPBPK	76466	0.8
4a	Optional Stainless Steel Blade Pin Kit* (1 ea.)	MMPBPK-S/S	77600	0.8
4b	Roll Pin Kit* (1 ea.)	MMPRPK	111870	1.0
5	Pivot Arm Kit* (1 ea.)	QMTPAK	76096	4.3
6	Tension Spring–Purple (1 ea.)	QMTS-P	75845	0.6
6a	Tension Spring–White (1 ea.)	PSTS-W	75898	1.7
6b	Tension Spring–Gold (1 ea.)	QMTS-G	76484	2.5
6c	Tension Spring–Silver (1 ea.)	PSTS-S	75899	3.0
7	Bushing Kit–Purple (2 ea.)	QMTBK-P	76097	0.1
7a	Bushing Kit–White & Silver (2 ea.)	QMTBK-W	76098	0.2
7b	Bushing Kit–Gold (2 ea.)	QMTBK-G	76540	0.3
8	Pivot Shaft Bracket Kit* (1 ea.)	QMTPSBK	76099	4.3
9	Torsion Arm Kit* (1 ea.)	PSTA	75896	11.4
10	Jam Nut Kit, QMT Tensioner	JNK-C	79893	0.3
-	QMT Spring Tensioner*–Purple (incl. (1) ea. items 5, 6, 7, 8, & 9)	QMT-P	76074	20.4
-	QMT Spring Tensioner*–White (incl. (1) ea. items 5, 6a, 7a, 8, & 9)	QMT-W	76075	21.8
-	QMT Spring Tensioner*–Gold (incl. (1) ea. items 5, 6b, 7b, 8, & 9)	QMT-G	76483	23.2
-	QMT Spring Tensioner*–Silver (incl. (1) ea. items 5, 6c, 7a, 8 & 9)	QMT-S	79039	20.3
11	Air Bag (1 ea.)	AWTB	75905	3.8
12	Mounting Base (1 ea.)	AWTMB	75906	22.9
13	Torque Arm* (1 ea.)	AWTA	75907	11.6
14	Hose Kit (50' of hose & (6) hose clamps)	AWTHK	75909	6.7
15	AWT Pole Bearing Assy (for cleaners shipped after 4/2016)	AWTPBA	90000	2.3
-	AWT Air Tensioner (incl. (2) ea. items 11,12, 13 & 14)	AWTNCB	76069	75.2

*Hardware Included
Lead Time: 1 working day

Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	76074 QMT-P	76075 QMT-W	76483 QMT-G	79039 QMT-S
TuffShear 18–24" (450—600mm)	X			
TuffShear 30–48" (750—1200mm)		X		
TuffShear 54–78" (1350—1950mm)			X	
TuffShear 84–114" (2100—2850mm)				X

Product Ordering Information



Belt Width Minus 6" (150 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	MHP-624	77703	249.4
30	750	24	600	MHP-630	77704	267.6
36	900	30	750	MHP-636	77705	285.8
42	1050	36	900	MHP-642	77706	304.0
48	1200	42	1050	MHP-648	77707	322.2
54	1350	48	1200	MHP-654	77708	341.7
60	1500	54	1350	MHP-660	77709	359.9
72	1800	66	1650	MHP-672	77710	396.4
84	2100	78	1950	MHP-684	77711	432.9
96	2400	90	2250	MHP-696	77712	469.4
108	2700	102	2550	MHP-6108	90151	505.9
120	3000	114	2850	MHP-6120	90152	542.4

Belt Width Minus 12" (300 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
30	750	18	450	MHP-1230	77713	258.0
36	900	24	600	MHP-1236	77714	276.2
42	1050	30	750	MHP-1242	77715	294.3
48	1200	36	900	MHP-1248	77716	312.6
54	1350	42	1050	MHP-1254	77717	330.8
60	1500	48	1200	MHP-1260	77718	350.3
72	1800	60	1500	MHP-1272	77719	386.8
84	2100	72	1800	MHP-1284	77720	432.2
96	2400	84	2100	MHP-1296	77721	477.6
108	2700	96	2400	MHP-12108	90153	496.3
120	3000	108	2700	MHP-12120	90154	532.8

Belt Width Minus 18" (450 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
36	900	18	450	MHP-1836	78591	266.6
42	1050	24	600	MHP-1842	78592	284.7
48	1200	30	750	MHP-1848	78593	302.9
54	1350	36	900	MHP-1854	78594	321.2
60	1500	42	1050	MHP-1860	78595	339.4
72	1800	54	1350	MHP-1872	78596	377.1
84	2100	66	1650	MHP-1884	78597	413.6
96	2400	78	1950	MHP-1896	78598	450.1
108	2700	90	2250	MHP-18108	90155	486.7
120	3000	102	2550	MHP-18120	90156	523.2

Belt Width Minus 24" (600 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
42	1050	18	450	MHP-2442	78669	275.1
48	1200	24	600	MHP-2448	78670	293.3
54	1350	30	750	MHP-2454	78671	311.5
60	1500	36	900	MHP-2460	78672	329.8
72	1800	48	1200	MHP-2472	78673	367.5
84	2100	60	1500	MHP-2484	78674	404.0
96	2400	72	1800	MHP-2496	78675	440.4
108	2700	84	2100	MHP-24108	90157	477.1
120	3000	96	2400	MHP-24120	90158	513.6

Standard Lead time: 1 working day

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

Optional Mounting Kits

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Optional Mounting Bar Kit *	MMBK	75830	19.5
Mounting Plate Kit * (2 plates)	MMPK	76537	140.0

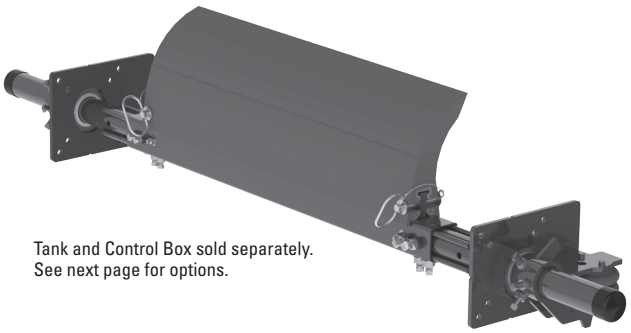
*Hardware Included

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 12" (300 mm) may be the best solution.
- Each cleaner pole is retrofittable for blade sizes down to 18" (450 mm) in 6" (150 mm) increments.
- Pole Length: Belt width plus 54" (1350 mm). For longer requirements see Installation Accessories - Pole Extender Kit (p. 145).
- 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 (p. 145).

Product Ordering Information

MHP
Heavy-Duty Precleaner with Pneumatic Air Tensioner



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

Belt Width Minus 6" (150 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	MHP-624P	78599	249.6
30	750	24	600	MHP-630P	78600	267.8
36	900	30	750	MHP-636P	78601	286.0
42	1050	36	900	MHP-642P	78602	304.2
48	1200	42	1050	MHP-648P	78603	322.4
54	1350	48	1200	MHP-654P	78604	340.6
60	1500	54	1350	MHP-660P	78605	358.8
72	1800	66	1650	MHP-672P	78606	395.3
84	2100	78	1950	MHP-684P	78607	431.8
96	2400	90	2250	MHP-696P	78608	468.3
108	2700	102	2550	MHP-6108P	90159	506.1
120	3000	114	2850	MHP-6120P	90160	542.6

Belt Width Minus 12" (300 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
30	750	18	450	MHP-1230P	78609	258.2
36	900	24	600	MHP-1236P	78610	276.4
42	1050	30	750	MHP-1242P	78611	294.5
48	1200	36	900	MHP-1248P	78612	312.8
54	1350	42	1050	MHP-1254P	78613	331.0
60	1500	48	1200	MHP-1260P	78614	349.2
72	1800	60	1500	MHP-1272P	78615	385.7
84	2100	72	1800	MHP-1284P	78616	422.1
96	2400	84	2100	MHP-1296P	78617	458.5
108	2700	96	2400	MHP-12108P	90161	496.5
120	3000	108	2700	MHP-12120P	90162	533.0

Belt Width Minus 18" (450 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
36	900	18	450	MHP-1836P	78618	266.8
42	1050	24	600	MHP-1842P	78619	284.9
48	1200	30	750	MHP-1848P	78620	303.1
54	1350	36	900	MHP-1854P	78621	321.4
60	1500	42	1050	MHP-1860P	78622	339.6
72	1800	54	1350	MHP-1872P	78623	376.0
84	2100	66	1650	MHP-1884P	78624	412.5
96	2400	78	1950	MHP-1896P	78625	449.0
108	2700	90	2250	MHP-18108P	90163	486.9
120	3000	102	2550	MHP-18120P	90164	523.4

Belt Width Minus 24" (600 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
42	1050	18	450	MHP-2442P	78676	275.3
48	1200	24	600	MHP-2448P	78677	293.5
54	1350	30	750	MHP-2454P	78678	311.7
60	1500	36	900	MHP-2460P	78679	330.0
72	1800	48	1200	MHP-2472P	78680	366.4
84	2100	60	1500	MHP-2484P	78681	402.9
96	2400	72	1800	MHP-2496P	78682	439.3
108	2700	84	2100	MHP-24108P	90165	477.3
120	3000	96	2400	MHP-24120P	90166	513.8

Standard Lead time: 1 working day

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

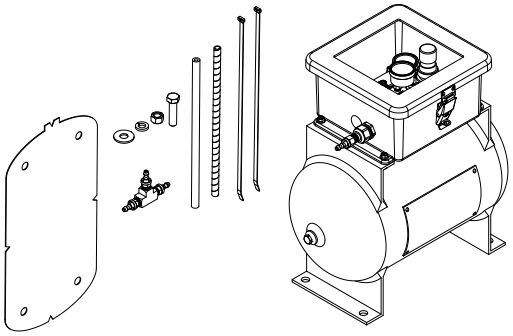
Product Notes:

- 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 12" (300 mm) may be the best solution.
- Each cleaner pole is retrofittable for blade sizes down to 18" (450 mm) in 6" (150 mm) increments.
- Pole Length: Belt width plus 54" (1350 mm). For longer requirements see Installation Accessories – Pole Extender Kit (p. 145).
- Comes with 50' (15.2 m) of hose and 1' (300 mm) hose wrap.
- 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 (p. 145).

Product Ordering Information

Control Box/Tank Combo Units for Closed System

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Control Box/Tank Combo Unit for Precleaner - 60 PSI	PAT-C-60	108230	64.0
Control Box/Tank Combo Unit for Secondary Cleaner - 100 PSI	PAT-C-100	108231	64.0

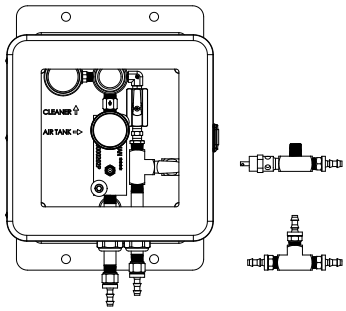


Product Notes:

- 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. LBS.
Control Box Kit for Precleaner - 60 PSI	PACB2-60	108228	13.6
Control Box Kit for Secondary Cleaner - 100 PSI	PACB2-100	108229	13.6

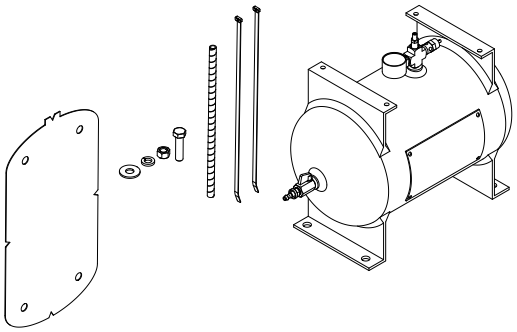


Product Notes:

- 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. LBS.
ASME Air Tank Kit	PAT-N	108232	47.3



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. LBS.
10' (3m) Hose Kit	PATHK	78794	1.5
Upgrade Fitting Kit (fill valve, push-on fittings, plugs)	AWTRK	79319	0.4

Product Ordering Information

Standard MegaShear™ Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	MRB18	77531	28.9
24	600	MRB24	77532	38.5
30	750	MRB30	77533	48.1
36	900	MRB36	77534	57.8
42	1050	MRB42	77535	67.4
48	1200	MRB48	77536	77.0
54	1350	MRB54	77537	86.6
60	1500	MRB60	77538	96.3
66	1650	MRB66	77539	105.9
72	1800	MRB72	77540	115.5
78	1950	MRB78	77541	125.1
84	2100	MRB84	77542	134.7
90	2250	MRB90	77543	144.3
96	2400	MRB96	77544	153.9
102	2550	MRB102	77545	163.5
108	2700	MRB108	77546	173.1
114	2850	MRB114	77547	182.7

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

Product Notes:

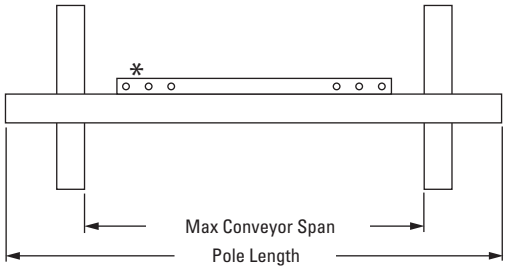
- A molded-in wear line indicates when the blade is worn out and needs to be replaced.
- Faceted blade profile: Renews its cleaning edge as the blade wears.
- MegaShear™ blades are made of a special long-wearing polyurethane.
- Quick blade replacement: Pull one pin, remove the old blade and slide the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

Specifications & Guidelines

Pole Length Specifications*

CLEANER SIZE		MAX OVERALL POLE LENGTH		CENTER POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
24	600	78	1950	24	600	66	1650
30	750	84	2100	30	750	72	1800
36	900	90	2250	36	900	78	1950
42	1050	96	2400	42	1050	84	2100
48	1200	102	2550	48	1200	90	2250
54	1350	108	2700	54	1350	96	2400
60	1500	114	2850	60	1500	102	2550
72	1800	126	3150	72	1800	114	2850
84	2100	138	3450	84	2100	126	3150
96	2400	150	3750	96	2400	138	3450
108	2700	162	4050	108	2700	150	3750
120	3000	174	4350	120	3000	162	4050

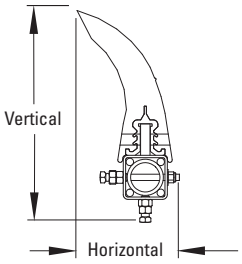
* For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750 mm) of extended pole length. Pole Diameter – 2-7/8" (73 mm). (p. 145)



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

Clearance Guidelines for Installation

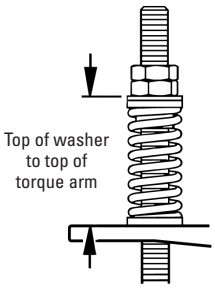
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
8	200	19.5	488



PST Spring Length Chart

Blade Width		White Springs		Silver Springs		Red Springs	
in.	mm	in.	mm	in.	mm	in.	mm
18	450	5 5/8	143	N/A	N/A	N/A	N/A
24	600	5 3/8	137	6 1/4	159	N/A	N/A
30	750	5	127	6 1/8	156	6 1/4	159
36	900	4 3/4	121	6	152	6 1/4	159
42	1050	N/A	N/A	6	152	6 1/8	156
48	1200	N/A	N/A	5 7/8	149	6 1/8	156
54	1350	N/A	N/A	5 3/4	146	6	152
60	1500	N/A	N/A	5 5/8	143	6	152
66	1650	N/A	N/A	5 5/8	143	5 7/8	149
72	1800	N/A	N/A	5 1/2	140	5 7/8	149
78	1950	N/A	N/A	5 3/8	137	5 3/4	146
84	2100	N/A	N/A	N/A	N/A	5 3/4	146
90	2250	N/A	N/A	N/A	N/A	5 5/8	143
96	2400	N/A	N/A	N/A	N/A	5 5/8	143
102	2550	N/A	N/A	N/A	N/A	5 1/2	140
108	2700	N/A	N/A	N/A	N/A	5 1/2	140
114	2850	N/A	N/A	N/A	N/A	5 3/8	137

Shading indicates preferred spring option.



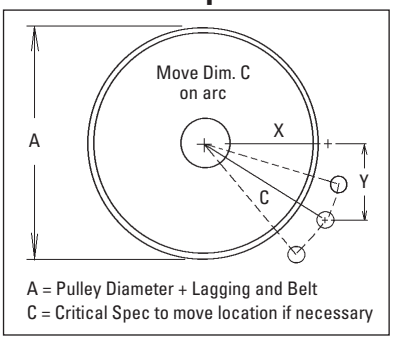
Pressure Chart

Blade Width		Pressure	
in.	mm	PSI	kPa
18	450	8	55
24	600	10	69
30	750	13	90
36	900	15	103
42	1050	18	124
48	1200	20	138
54	1350	23	159
60	1500	25	172
66	1650	28	193
72	1800	31	214
78	1950	33	228
84	2100	36	248
90	2250	38	262
96	2400	41	283
102	2550	43	296
108	2700	46	317
114	2850	48	331

Specifications:

- Maximum Belt Speed .....1500 FPM (7.5 m/s)
- Temperature Rating .....-30 to 180°F (-35 to 82°C)
- Minimum Pulley Diameter.....20" (500 mm)
- Blade Height.....12.25" (306 mm)
- Usable Blade Wear Length.....8" (200 mm)
- Blade Material .....Polyurethane 83 durometer (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths .....24 to 120" (600 to 3000 mm). Other sizes available upon request.
- CEMA Cleaner Rating .....Class 5

Pole Location Specs



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

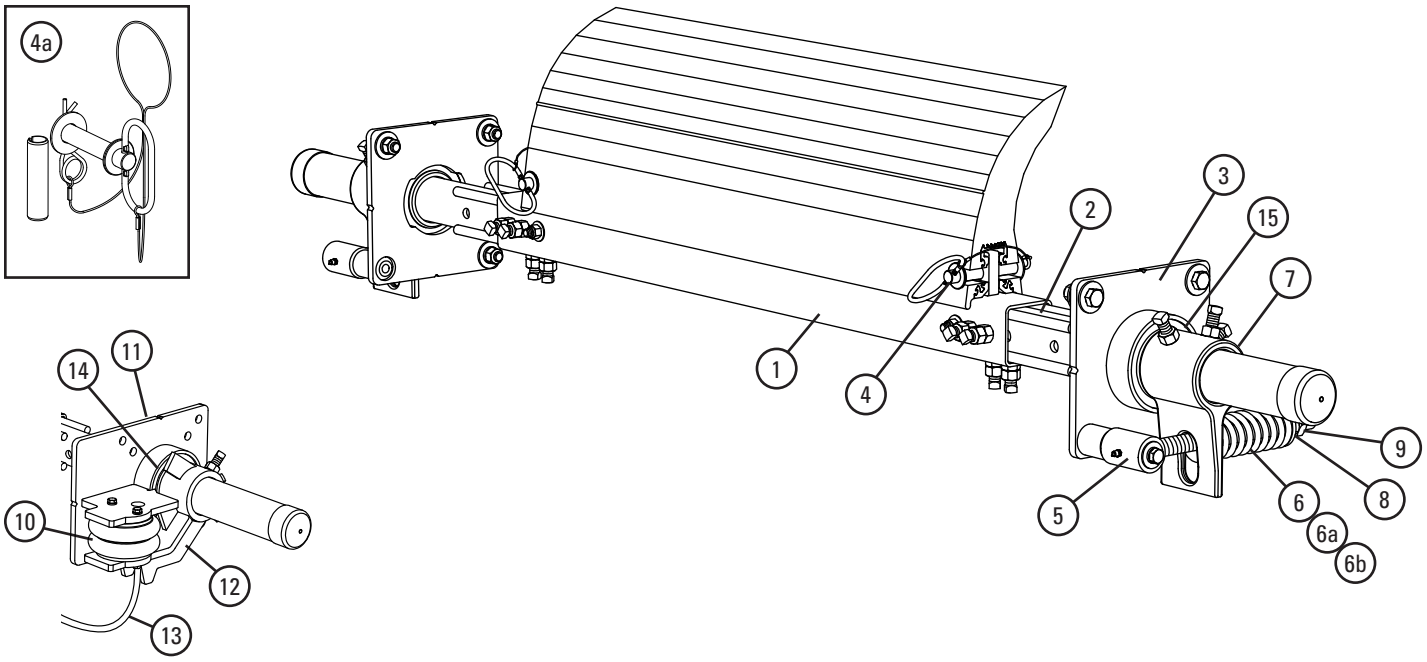
Pole Location Chart

A		X		Y		C	
in.	mm	in.	mm	in.	mm	in.	mm
20	500	10	254	14 3/8	365	17 1/2	445
21	525	10 1/2	267	14 3/8	365	17 3/4	451
22	550	11	279	14 3/8	365	18 1/8	460
23	575	11 1/2	292	14 3/8	365	18 3/8	467
24	600	12	305	14 3/8	365	18 3/4	476
25	625	12 1/2	318	14 3/8	365	19	483
26	650	13	330	14 3/8	365	19 3/8	492
27	675	13 1/2	343	14 3/8	365	19 3/4	502
28	700	14	356	14 3/8	365	20 1/8	511
29	725	14 1/2	368	14 3/8	365	20 3/8	518
30	750	15	381	14 3/8	365	20 3/4	527
31	775	15 1/2	394	14 3/8	365	21 1/8	537
32	800	16	406	14 3/8	365	21 1/2	546
33	825	16 1/2	419	14 3/8	365	21 7/8	556
34	850	17	432	14 3/8	365	22 1/4	565
35	875	17 1/2	445	14 3/8	365	22 5/8	575
36	900	18	457	14 3/8	365	23	584
37	925	18 1/2	470	14 3/8	365	23 3/8	594
38	950	19	483	14 3/8	365	23 7/8	606
39	975	19 1/2	495	14 3/8	365	24 1/4	616
40	1000	20	508	14 3/8	365	24 5/8	625
41	1025	20 1/2	521	14 3/8	365	25	635
42	1050	21	533	14 3/8	365	25 1/2	648
43	1075	21 1/2	546	14 3/8	365	25 7/8	657
44	1100	22	559	14 3/8	365	26 1/2	673
45	1125	22 1/2	572	14 3/8	365	27	686
46	1150	23	584	14 3/8	365	27 1/2	699
47	1175	23 1/2	597	14 3/8	365	28	711
48	1200	24	610	14 3/8	365	28 1/2	724
49	1225	24 5/8	625	14 3/8	365	29	737
50	1250	25 1/8	638	14 3/8	365	29 1/2	749
51	1275	25 3/4	654	14 3/8	365	30	762
52	1300	26 3/8	670	14 3/8	365	30 1/2	775
53	1325	26 7/8	683	14 3/8	365	31	787
54	1350	27 1/2	699	14 3/8	365	31 1/2	800

Pole Location Chart

A		X		Y		C	
in.	mm	in.	mm	in.	mm	in.	mm
55	1375	28 1/8	714	14 3/8	365	32	813
56	1400	28 5/8	727	14 3/8	365	32 1/2	826
57	1425	29 1/8	740	14 3/8	365	33	838
58	1450	29 3/4	756	14 3/8	365	33 1/2	851
59	1475	30 1/4	768	14 3/8	365	34	864
60	1500	30 7/8	784	14 3/8	365	34 1/2	876
61	1525	31 3/8	797	14 3/8	365	35	889
62	1550	31 7/8	810	14 3/8	365	35 1/2	902
63	1575	32 1/2	826	14 3/8	365	36	914
64	1600	33	838	14 3/8	365	36 1/2	927
65	1625	33 1/2	851	14 3/8	365	37	940
66	1650	34 1/8	867	14 3/8	365	37 1/2	953
67	1675	34 5/8	879	14 3/8	365	38	965
68	1700	35 1/8	892	14 3/8	365	38 1/2	978
69	1725	35 3/4	908	14 3/8	365	39	991
70	1750	36 1/4	921	14 3/8	365	39 1/2	1003
71	1775	36 3/4	933	14 3/8	365	40	1016
72	1800	37 3/8	949	14 3/8	365	40 1/2	1029
73	1825	37 7/8	962	14 3/8	365	41	1041
74	1850	38 3/8	975	14 3/8	365	41 1/2	1054
75	1875	38 7/8	987	14 3/8	365	42	1067
76	1900	39 1/2	1003	14 3/8	365	42 1/2	1080
77	1925	40	1016	14 3/8	365	43	1092
78	1950	40 1/2	1029	14 3/8	365	43 1/2	1105
79	1975	41	1041	14 3/8	365	44	1118
80	2000	41 5/8	1057	14 3/8	365	44 1/2	1130
81	2025	42 1/8	1070	14 3/8	365	45	1143
82	2050	42 5/8	1083	14 3/8	365	45 1/2	1156
83	2075	43 1/8	1095	14 3/8	365	46	1168
84	2100	43 3/4	1111	14 3/8	365	46 1/2	1181

Replacement Parts List



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) Center Pole	MMPCP24	76458	34.4
	30" (750mm) Center Pole	MMPCP30	76459	43.0
	36" (900mm) Center Pole	MMPCP36	76460	51.6
	42" (1050mm) Center Pole	MMPCP42	76461	60.1
	48" (1200mm) Center Pole	MMPCP48	76462	68.7
	54" (1350mm) Center Pole	MMPCP54	76463	77.3
	60" (1500mm) Center Pole	MMPCP60	76464	85.9
	72" (1800mm) Center Pole	MMPCP72	76465	103.1
	84" (2100mm) Center Pole	MMPCP84	76808	120.3
	96" (2400mm) Center Pole	MMPCP96	77722	137.5
	108" (2700mm) Center Pole	MMPCP108	90326	154.7
	120" (3000mm) Center Pole	MMPCP120	90327	171.9
2	Extender Pole Kit (2 ea.)	MHP-EP	76392	54.0
3	Mounting Plate Kit* (2 ea.)	MHPMPK	77727	44.4
4	Blade Pin Kit* (1 ea.)	MHPBPK	77728	0.8
4a	Roll Pin Kit* (1 ea.)	MMPRPK	111870	1.0
5	Torque Pivot Kit* (1 ea.)	PTPK	75897	7.0
6	Tension Spring – White (1 ea.)	PSTS-W	75898	1.7
6a	Tension Spring – Silver (1 ea.)	PSTS-S	75899	3.0
6b	Tension Spring – Red (1 ea.)	PSTS-R	77726	4.3
7	Torque Arm Kit* (1 ea.)	PSTA	75896	11.4
8	Bushing Kit (2 ea.)	QMTBK-W	76098	0.2
9	Jam Nut Kit PST Tensioner	JNK-D	79894	0.3
-	PST Spring Tensioner* – White (incl. (2) ea. items 3, 5, 6, 7, & 8)	PST2-W	77723	86.1
-	PST Spring Tensioner* – Silver (incl. (2) ea. items 3, 5, 6a, 7, & 8)	PST2-S	77724	87.4
-	PST Spring Tensioner* – Red (incl. (2) ea. items 3, 5, 6b, 7 & 8)	PST2-R	77725	88.8

*Hardware Included
Lead time: 1 working day

PAT Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
10	Air Bag (1 ea.)	AWTB	75905	3.8
11	Mounting Base (1 ea.)	AWTMB	75906	22.9
12	Torque Arm* (1 ea.)	AWTA	75907	11.6
13	Hose Kit (50' of hose & (6) hose clamps)	AWTHK	75909	6.7
14	Pole Bearing Assy (for cleaners shipped after 4/2016)	AWTPBA	90000	2.3
-	AWT Air Tensioner (incl. (2) ea. items 10, 11, 12 & (1) ea. item 13)	AWTNCB	76069	75.2

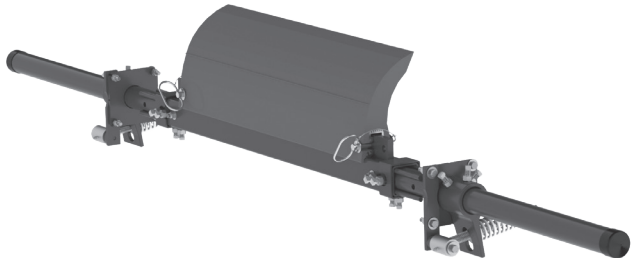
*Hardware Included
Lead time: 1 working day

Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	77723 PST2-W	77724 PST2-S	77725 PST2-R
MegaShear 18–42" (450–1050mm)	X		
MegaShear 48–78" (1200–1950mm)		X	
MegaShear 84–114" (2100–2850mm)			X

Product Ordering Information

MHP
Underground Precleaner



Belt Width Minus 6" (150 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	42	1050	MHP-648-UG	92061	393.5
54	1350	48	1200	MHP-654-UG	92062	411.4
60	1500	54	1350	MHP-660-UG	92063	428.0
72	1800	66	1650	MHP-672-UG	92064	484.3
84	2100	78	1950	MHP-684-UG	92065	521.6
96	2400	90	2250	MHP-696-UG	92066	559.9
108	2700	102	2550	MHP-6108-UG	92067	597.2
120	3000	114	2850	MHP-6120-UG	103283	634.5

Belt Width Minus 12" (300 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	36	900	MHP-1248-UG	92068	383.9
54	1350	42	1050	MHP-1254-UG	92069	400.5
60	1500	48	1200	MHP-1260-UG	92070	418.4
72	1800	60	1500	MHP-1272-UG	92071	474.7
84	2100	72	1800	MHP-1284-UG	92072	520.9
96	2400	84	2100	MHP-1296-UG	92073	568.1
108	2700	96	2400	MHP-12108-UG	92074	587.6
120	3000	108	2700	MHP-12120-UG	103367	624.9

Belt Width Minus 18" (450 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	30	750	MHP-1848-UG	92075	374.2
54	1350	36	900	MHP-1854-UG	92076	390.9
60	1500	42	1050	MHP-1860-UG	92077	407.5
72	1800	54	1350	MHP-1872-UG	92078	465.0
84	2100	66	1650	MHP-1884-UG	92079	502.3
96	2400	78	1950	MHP-1896-UG	92080	540.6
108	2700	90	2250	MHP-18108-UG	92081	578.0
120	3000	102	2550	MHP-18120-UG	92082	615.3

Belt Width Minus 24" (600 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	24	600	MHP-2448-UG	92083	364.6
54	1350	30	750	MHP-2454-UG	92084	381.2
60	1500	36	900	MHP-2460-UG	92085	397.9
72	1800	48	1200	MHP-2472-UG	92086	455.4
84	2100	60	1500	MHP-2484-UG	92087	492.7
96	2400	72	1800	MHP-2496-UG	92088	530.9
108	2700	84	2100	MHP-24108-UG	92089	568.4
120	3000	96	2400	MHP-24120-UG	92090	605.7

Belt Width Minus 30" (750 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	18	450	MHP-3048-UG	92091	355.0
54	1350	24	600	MHP-3054-UG	92092	371.6
60	1500	30	750	MHP-3060-UG	92093	388.3
72	1800	42	1050	MHP-3072-UG	92094	445.8
84	2100	54	1350	MHP-3084-UG	92095	483.1
96	2400	66	1650	MHP-3096-UG	92096	521.3
108	2700	78	1950	MHP-30108-UG	92097	558.8
120	3000	90	2250	MHP-30120-UG	92098	596.1

Belt Width Minus 36" (900 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
54	1350	18	450	MHP-3654-UG	92099	362.0
60	1500	24	600	MHP-3660-UG	92100	378.7
72	1800	36	900	MHP-3672-UG	92101	436.2
84	2100	48	1200	MHP-3684-UG	92102	473.5
96	2400	60	1500	MHP-3696-UG	92103	511.7
108	2700	72	1800	MHP-36108-UG	92104	549.2
120	3000	84	2100	MHP-36120-UG	92105	586.5

Standard Lead time: 1 working day

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

Optional Mounting Kits

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Optional Mounting Bar Kit *	MMBK	75830	19.5
Mounting Plate Kit * (2 plates)	MMPK	76537	140.0

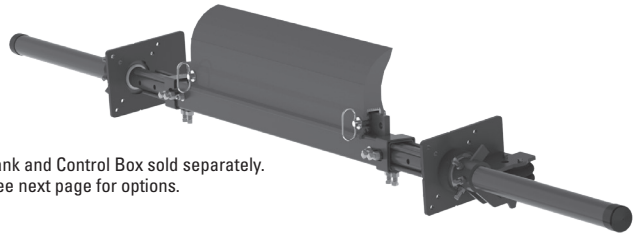
*Hardware Included

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 12" (300 mm) may be the best solution.
- Each cleaner pole is retrofittable in blade sizes down to 18" (450 mm) in 6" (150 mm) increments.
- Pole Length: Belt width plus 96" (2400 mm). For longer requirements see Installation Accessories – Pole Extender Kit (p. 145).
- 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 (p. 145).

Product Ordering Information

MHP
Underground Precleaner with Pneumatic Air Tensioner



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

Belt Width Minus 6" (150 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	42	1050	MHP-648P-UG	92106	393.7
54	1350	48	1200	MHP-654P-UG	92107	411.6
60	1500	54	1350	MHP-660P-UG	92108	428.2
72	1800	66	1650	MHP-672P-UG	92109	484.5
84	2100	78	1950	MHP-684P-UG	92110	521.8
96	2400	90	2250	MHP-696P-UG	92111	560.1
108	2700	102	2550	MHP-6108P-UG	92112	597.4
120	3000	114	2850	MHP-6120P-UG	103366	634.7

Belt Width Minus 12" (300 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	36	900	MHP-1248P-UG	92113	384.1
54	1350	42	1050	MHP-1254P-UG	92114	400.7
60	1500	48	1200	MHP-1260P-UG	92115	418.6
72	1800	60	1500	MHP-1272P-UG	92116	474.9
84	2100	72	1800	MHP-1284P-UG	92117	521.1
96	2400	84	2100	MHP-1296P-UG	92118	568.3
108	2700	96	2400	MHP-12108P-UG	92119	587.8
120	3000	108	2700	MHP-12120P-UG	103488	625.1

Belt Width Minus 18" (450 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	30	750	MHP-1848P-UG	92120	374.4
54	1350	36	900	MHP-1854P-UG	92121	391.1
60	1500	42	1050	MHP-1860P-UG	92122	407.7
72	1800	54	1350	MHP-1872P-UG	92123	465.2
84	2100	66	1650	MHP-1884P-UG	92124	502.5
96	2400	78	1950	MHP-1896P-UG	92125	540.8
108	2700	90	2250	MHP-18108P-UG	92126	578.2
120	3000	102	2550	MHP-18120P-UG	92127	615.5

Belt Width Minus 24" (600 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	24	600	MHP-2448P-UG	92128	364.8
54	1350	30	750	MHP-2454P-UG	92129	381.4
60	1500	36	900	MHP-2460P-UG	92130	398.1
72	1800	48	1200	MHP-2472P-UG	92131	455.6
84	2100	60	1500	MHP-2484P-UG	92132	492.9
96	2400	72	1800	MHP-2496P-UG	92133	531.1
108	2700	84	2100	MHP-24108P-UG	92134	568.6
120	3000	96	2400	MHP-24120P-UG	92135	605.9

Belt Width Minus 30" (750 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
48	1200	18	450	MHP-3048P-UG	92136	355.2
54	1350	24	600	MHP-3054P-UG	92137	371.8
60	1500	30	750	MHP-3060P-UG	92138	388.5
72	1800	42	1050	MHP-3072P-UG	92139	446.0
84	2100	54	1350	MHP-3084P-UG	92140	483.3
96	2400	66	1650	MHP-3096P-UG	92141	521.5
108	2700	78	1950	MHP-30108P-UG	92142	559.0
120	3000	90	2250	MHP-30120P-UG	92143	596.3

Belt Width Minus 36" (900 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
54	1350	18	450	MHP-3654P-UG	92144	362.2
60	1500	24	600	MHP-3660P-UG	92145	378.9
72	1800	36	900	MHP-3672P-UG	92146	436.4
84	2100	48	1200	MHP-3684P-UG	92147	473.7
96	2400	60	1500	MHP-3696P-UG	92148	511.9
108	2700	72	1800	MHP-36108P-UG	92149	549.4
120	3000	84	2100	MHP-36120P-UG	92150	586.7

Standard Lead time: 1 working day

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

Optional Mounting Kits

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Optional Mounting Bar Kit *	MMBK	75830	19.5
Mounting Plate Kit * (2 plates)	MMPK	76537	140.0

*Hardware Included

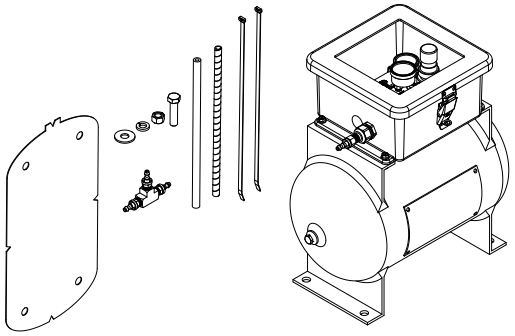
Product Notes:

- 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 12" (300 mm) may be the best solution.
- Each cleaner pole is retrofittable in blade sizes down to 18" (450 mm) in 6" (150 mm) increments.
- Pole Length: Belt width plus 96" (2400 mm). For longer requirements see Installation Accessories – Pole Extender Kit (p. 145).
- Comes with 50' (15.2 m) of hose and 1' (300 mm) hose wrap.
- 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 (p. 145).

Product Ordering Information

Control Box/Tank Combo Units for Closed System

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Control Box/Tank Combo Unit for Precleaner - 60 PSI	PAT-C-60	108230	64.0
Control Box/Tank Combo Unit for Secondary Cleaner - 100 PSI	PAT-C-100	108231	64.0

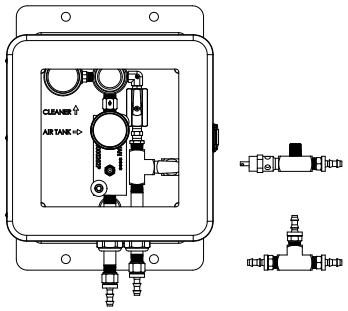


Product Notes:

- 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. LBS.
Control Box Kit for Precleaner - 60 PSI	PACB2-60	108228	13.6
Control Box Kit for Secondary Cleaner - 100 PSI	PACB2-100	108229	13.6

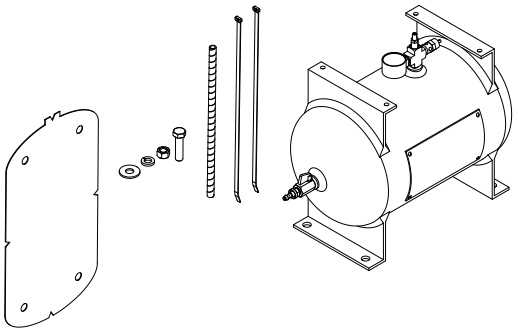


Product Notes:

- 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. LBS.
ASME Air Tank Kit	PAT-N	108232	47.3



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. LBS.
10' (3m) Hose Kit	PATHK	78794	1.5
Upgrade Fitting Kit (fill valve, push-on fittings, plugs)	AWTRK	79319	0.4

Product Ordering Information

Standard MegaShear™ Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	MRB18	77531	28.9
24	600	MRB24	77532	38.5
30	750	MRB30	77533	48.1
36	900	MRB36	77534	57.8
42	1050	MRB42	77535	67.4
48	1200	MRB48	77536	77.0
54	1350	MRB54	77537	86.6
60	1500	MRB60	77538	96.3
66	1650	MRB66	77539	105.9
72	1800	MRB72	77540	115.5
78	1950	MRB78	77541	125.1
84	2100	MRB84	77542	134.7
90	2250	MRB90	77543	144.3
96	2400	MRB96	77544	153.9
102	2550	MRB102	77545	163.5
108	2700	MRB108	77546	173.1
114	2850	MRB114	77547	182.7

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

Product Notes:

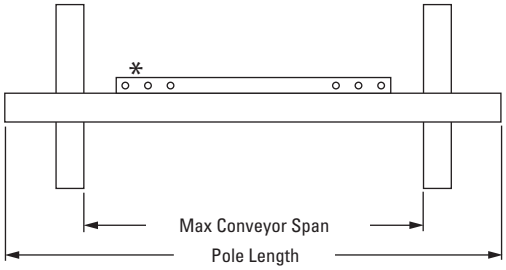
- A molded-in wear line indicates when the blade is worn out and needs to be replaced.
- Faceted blade profile: Renews its cleaning edge as the blade wears.
- MegaShear™ blades are made of a special long-wearing polyurethane.
- Quick blade replacement: Pull one pin, remove the old blade and slide the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

Specifications & Guidelines

Pole Length Specifications*

CLEANER SIZE		MAX OVERALL POLE LENGTH		CENTER POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
48	1200	144	3600	54	1350	132	3300
54	1350	150	3750	60	1500	138	3450
60	1500	156	3900	66	1650	144	3600
72	1800	168	4200	78	1950	156	3900
84	2100	180	4500	90	2250	168	4200
96	2400	192	4800	102	2550	180	4500
108	2700	204	5100	114	2850	192	4800
120	3000	216	4350	126	3150	204	5100

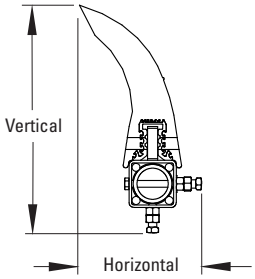
* For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750 mm) of extended pole length. Pole Diameter – 2-7/8" (73 mm). (p. 145)



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

Clearance Guidelines for Installation

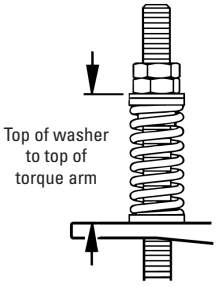
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
8	200	19.5	488



PST Spring Length Chart

Blade Width		White Springs		Silver Springs		Red Springs	
in.	mm	in.	mm	in.	mm	in.	mm
18	450	5 5/8	143	N/A	N/A	N/A	N/A
24	600	5 3/8	137	6 1/4	159	N/A	N/A
30	750	5	127	6 1/8	156	6 1/4	159
36	900	4 3/4	121	6	152	6 1/4	159
42	1050	N/A	N/A	6	152	6 1/8	156
48	1200	N/A	N/A	5 7/8	149	6 1/8	156
54	1350	N/A	N/A	5 3/4	146	6	152
60	1500	N/A	N/A	5 5/8	143	6	152
66	1650	N/A	N/A	5 5/8	143	5 7/8	149
72	1800	N/A	N/A	5 1/2	140	5 7/8	149
78	1950	N/A	N/A	5 3/8	137	5 3/4	146
84	2100	N/A	N/A	N/A	N/A	5 3/4	146
90	2250	N/A	N/A	N/A	N/A	5 5/8	143
96	2400	N/A	N/A	N/A	N/A	5 5/8	143
102	2550	N/A	N/A	N/A	N/A	5 1/2	140
108	2700	N/A	N/A	N/A	N/A	5 1/2	140
114	2850	N/A	N/A	N/A	N/A	5 3/8	137

Shading indicates preferred spring option.



Pressure Chart

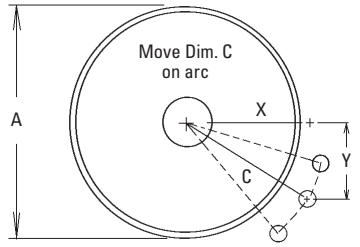
Blade Width		Pressure	
in.	mm	PSI	kPa
18	450	8	55
24	600	10	69
30	750	13	90
36	900	15	103
42	1050	18	124
48	1200	20	138
54	1350	23	159
60	1500	25	172
66	1650	28	193
72	1800	31	214
78	1950	33	228
84	2100	36	248
90	2250	38	262
96	2400	41	283
102	2550	43	296
108	2700	46	317
114	2850	48	331

Specifications:

- Maximum Belt Speed .....1500 FPM (7.5 m/s)
- Temperature Rating .....-30 to 180°F (-35 to 82°C)
- Minimum Pulley Diameter.....20" (500 mm)
- Blade Height.....12.25" (306 mm)
- Usable Blade Wear Length.....8" (200 mm)
- Blade Material .....Polyurethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths .....48 to 120" (1200 to 3000 mm). Other sizes available upon request.
- CEMA Cleaner Rating .....Class 5

Specifications & Guidelines

Pole Location Specs



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

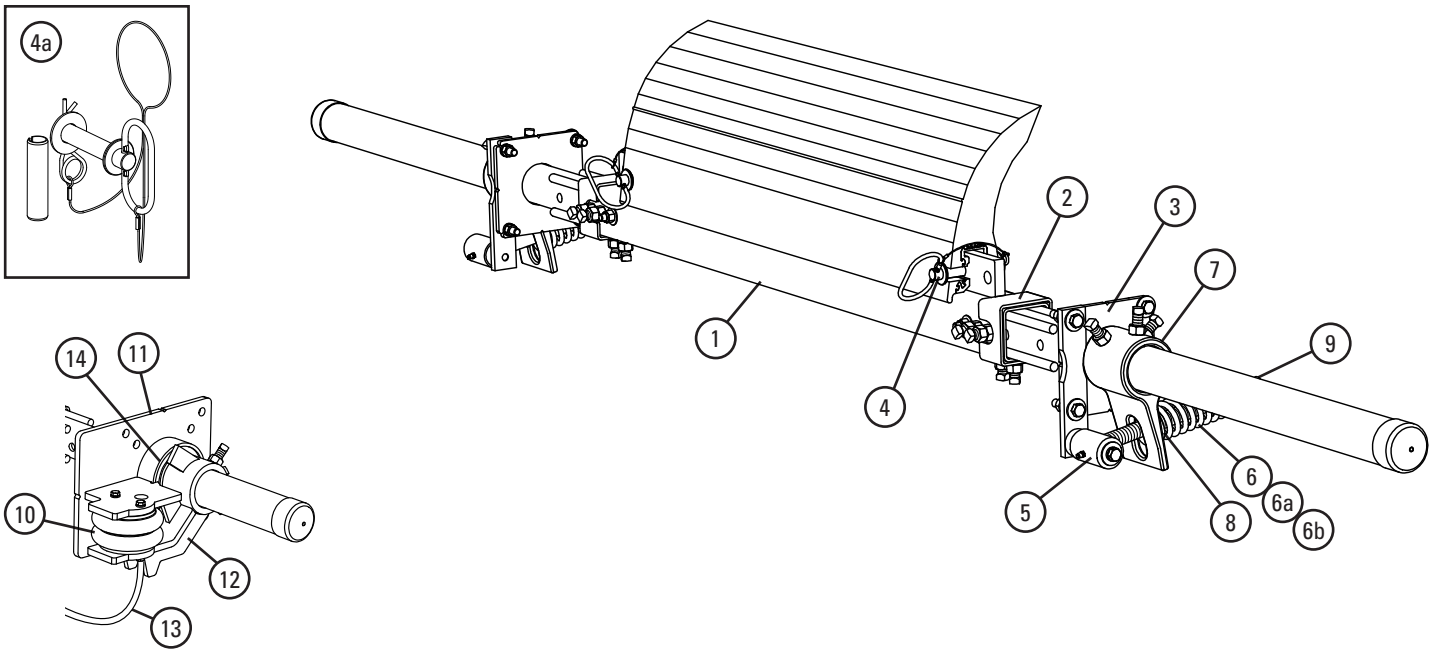
Pole Location Chart

A		X		Y		C	
in.	mm	in.	mm	in.	mm	in.	mm
20	500	10	254	14 3/8	365	17 1/2	445
21	525	10 1/2	267	14 3/8	365	17 3/4	451
22	550	11	279	14 3/8	365	18 1/8	460
23	575	11 1/2	292	14 3/8	365	18 3/8	467
24	600	12	305	14 3/8	365	18 3/4	476
25	625	12 1/2	318	14 3/8	365	19	483
26	650	13	330	14 3/8	365	19 3/8	492
27	675	13 1/2	343	14 3/8	365	19 3/4	502
28	700	14	356	14 3/8	365	20 1/8	511
29	725	14 1/2	368	14 3/8	365	20 3/8	518
30	750	15	381	14 3/8	365	20 3/4	527
31	775	15 1/2	394	14 3/8	365	21 1/8	537
32	800	16	406	14 3/8	365	21 1/2	546
33	825	16 1/2	419	14 3/8	365	21 7/8	556
34	850	17	432	14 3/8	365	22 1/4	565
35	875	17 1/2	445	14 3/8	365	22 5/8	575
36	900	18	457	14 3/8	365	23	584
37	925	18 1/2	470	14 3/8	365	23 3/8	594
38	950	19	483	14 3/8	365	23 7/8	606
39	975	19 1/2	495	14 3/8	365	24 1/4	616
40	1000	20	508	14 3/8	365	24 5/8	625
41	1025	20 1/2	521	14 3/8	365	25	635
42	1050	21	533	14 3/8	365	25 1/2	648
43	1075	21 1/2	546	14 3/8	365	25 7/8	657
44	1100	22	559	14 3/8	365	26 1/2	673
45	1125	22 1/2	572	14 3/8	365	27	686
46	1150	23	584	14 3/8	365	27 1/2	699
47	1175	23 1/2	597	14 3/8	365	28	711
48	1200	24	610	14 3/8	365	28 1/2	724
49	1225	24 5/8	625	14 3/8	365	29	737
50	1250	25 1/8	638	14 3/8	365	29 1/2	749
51	1275	25 3/4	654	14 3/8	365	30	762
52	1300	26 3/8	670	14 3/8	365	30 1/2	775
53	1325	26 7/8	683	14 3/8	365	31	787
54	1350	27 1/2	699	14 3/8	365	31 1/2	800

Pole Location Chart

A		X		Y		C	
in.	mm	in.	mm	in.	mm	in.	mm
55	1375	28 1/8	714	14 3/8	365	32	813
56	1400	28 5/8	727	14 3/8	365	32 1/2	826
57	1425	29 1/8	740	14 3/8	365	33	838
58	1450	29 3/4	756	14 3/8	365	33 1/2	851
59	1475	30 1/4	768	14 3/8	365	34	864
60	1500	30 7/8	784	14 3/8	365	34 1/2	876
61	1525	31 3/8	797	14 3/8	365	35	889
62	1550	31 7/8	810	14 3/8	365	35 1/2	902
63	1575	32 1/2	826	14 3/8	365	36	914
64	1600	33	838	14 3/8	365	36 1/2	927
65	1625	33 1/2	851	14 3/8	365	37	940
66	1650	34 1/8	867	14 3/8	365	37 1/2	953
67	1675	34 5/8	879	14 3/8	365	38	965
68	1700	35 1/8	892	14 3/8	365	38 1/2	978
69	1725	35 3/4	908	14 3/8	365	39	991
70	1750	36 1/4	921	14 3/8	365	39 1/2	1003
71	1775	36 3/4	933	14 3/8	365	40	1016
72	1800	37 3/8	949	14 3/8	365	40 1/2	1029
73	1825	37 7/8	962	14 3/8	365	41	1041
74	1850	38 3/8	975	14 3/8	365	41 1/2	1054
75	1875	38 7/8	987	14 3/8	365	42	1067
76	1900	39 1/2	1003	14 3/8	365	42 1/2	1080
77	1925	40	1016	14 3/8	365	43	1092
78	1950	40 1/2	1029	14 3/8	365	43 1/2	1105
79	1975	41	1041	14 3/8	365	44	1118
80	2000	41 5/8	1057	14 3/8	365	44 1/2	1130
81	2025	42 1/8	1070	14 3/8	365	45	1143
82	2050	42 5/8	1083	14 3/8	365	45 1/2	1156
83	2075	43 1/8	1095	14 3/8	365	46	1168
84	2100	43 3/4	1111	14 3/8	365	46 1/2	1181

Replacement Parts List



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	48" (1200mm) UG Center Pole	MMPCP48UG	91918	68.0
	54" (1350mm) UG Center Pole	MMPCP54UG	91919	75.0
	60" (1500mm) UG Center Pole	MMPCP60UG	91920	82.0
	72" (1800mm) UG Center Pole	MMPCP72UG	91921	119.0
	84" (2100mm) UG Center Pole	MMPCP84UG	91922	137.0
	96" (2400mm) UG Center Pole	MMPCP96UG	91923	156.0
	108" (2700mm) UG Center Pole	MMPCP108UG	91924	174.0
	120" (3000mm) UG Center Pole	MMPCP120UG	91925	192.0
2	Extender Pole HD Kit (2 ea.)	MHP-EPHD-54	91347	126.0
3	Mounting Plate Kit* (2 ea.)	MHPMPK	77727	44.4
4	Blade Pin Kit* (1 ea.)	MHPBPK	77728	0.8
4a	Roll Pin Kit* (1 ea.)	MMPRPK	111870	1.0
5	Torque Pivot Kit* (1 ea.)	PTPK	75897	7.0
6	Tension Spring – White (1 ea.)	PSTS-W	75898	1.7
6a	Tension Spring – Silver (1 ea.)	PSTS-S	75899	3.0
6b	Tension Spring – Red (1 ea.)	PSTS-R	77726	4.3
7	Torque Arm Kit* (1 ea.)	PSTA	75896	11.4
8	Bushing Kit (2 ea.)	QMTBK-W	76098	0.2
9	Jam Nut Kit PST Tensioner	JNK-D	79894	0.3
-	PST Spring Tensioner* – White (incl. (2) ea. items 3, 5, 6, 7, & 8)	PST2-W	77723	86.1
-	PST Spring Tensioner* – Silver (incl. (2) ea. items 3, 5, 6a, 7, & 8)	PST2-S	77724	87.4
-	PST Spring Tensioner* – Red (incl. (2) ea. items 3, 5, 6b, 7 & 8)	PST2-R	77725	88.8

*Hardware Included
Lead time: 1 working day

PAT Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
10	Air Bag (1 ea.)	AWTB	75905	3.8
11	Mounting Base (1 ea.)	AWTMB	75906	22.9
12	Torque Arm* (1 ea.)	AWTA	75907	11.6
13	Hose Kit (50' of hose & (6) hose clamps)	AWTHK	75909	6.7
14	Pole Bearing Assy (for cleaners shipped after 4/2016)	AWTPBA	90000	2.3
-	AWT Air Tensioner (incl. (2) ea. items 10, 11, 12 & (1) ea. item 13)	AWTNCB	76069	75.2

*Hardware Included
Lead time: 1 working day

Spring Tensioner Selection Chart

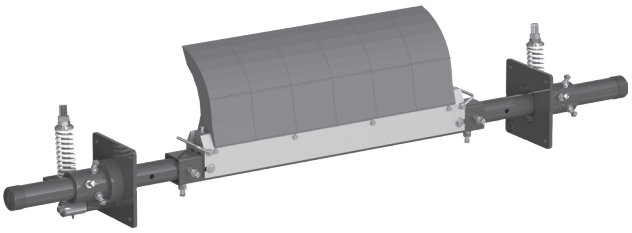
CLEANER BLADE WIDTH	77723 PST2-W	77724 PST2-S	77725 PST2-R
MegaShear 18–42" (450–1050mm)	X		
MegaShear 48–78" (1200–1950mm)		X	
MegaShear 84–114" (2100–2850mm)			X

Product Ordering Information

With PST Spring Tensioner

BELT WIDTH		BLADE COVERAGE		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	MHCP-24S	75929	192.2
30	750	24	600	MHCP-30S	75930	207.3
36	900	30	750	MHCP-36S	75931	222.4
42	1050	36	900	MHCP-42S	75932	237.4
48	1200	42	1050	MHCP-48S	75933	252.5
54	1350	48	1200	MHCP-54S	75934	267.6
60	1500	54	1350	MHCP-60S	75935	282.7
72	1800	66	1650	MHCP-72S	75936	312.8
84	2100	78	1950	MHCP-84S	76800	364.9
96	2400	90	2250	MHCP-96S	78955	417.0

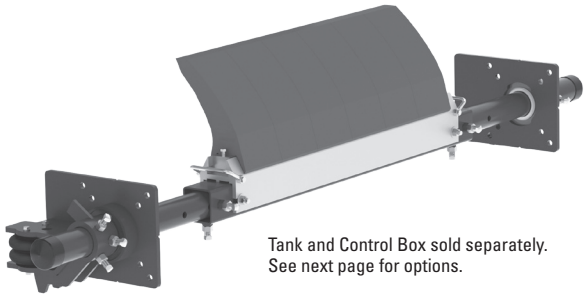
Lead time: 1 working day



With PAT Tensioner

BELT WIDTH		BLADE COVERAGE		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	MHCP-24P	78723	192.2
30	750	24	600	MHCP-30P	78724	207.3
36	900	30	750	MHCP-36P	78725	222.4
42	1050	36	900	MHCP-42P	78726	237.4
48	1200	42	1050	MHCP-48P	78727	252.5
54	1350	48	1200	MHCP-54P	78728	267.6
60	1500	54	1350	MHCP-60P	78729	282.7
72	1800	66	1650	MHCP-72P	78730	312.8
84	2100	78	1950	MHCP-84P	78731	364.9
96	2400	90	2250	MHCP-96P	78959	417.0
108	2700	102	2550	MHCP-108P	90169	469.1
120	3000	114	2850	MHCP-120P	90170	521.3

Lead time: 1 working day



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

Optional Mounting Kits

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Optional Mounting Bar Kit *	MMBK	75830	19.5
Mounting Plate Kit * (2 plates)	MMPK	76537	140.0

*Hardware Included
Lead time: 1 working day

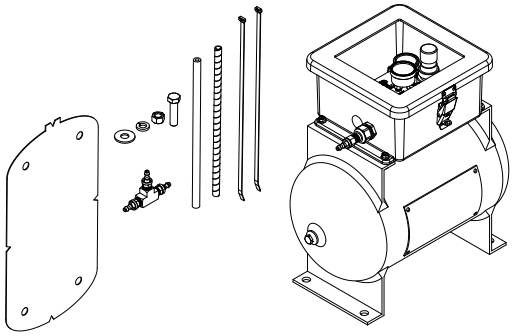
Product Notes:

- Heavy-duty design with massive SuperShear™ blades for constant cleaning power on abusive beltlines.
- Blade width equals belt width minus 6" (150 mm). Can be adjusted to belt's material path.
- Pole Length: Belt width plus 58" (1450 mm). For longer requirements see Installation Accessories - Pole Extender Kit (p. 145).
- Cleaners with PAT Tensioning come with 50' (15.2 m) of hose and 1' (300 mm) hose wrap.
- 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 (p. 145)

Product Ordering Information

Control Box/Tank Combo Units for Closed System

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Control Box/Tank Combo Unit for Precleaner - 60 PSI	PAT-C-60	108230	64.0
Control Box/Tank Combo Unit for Secondary Cleaner - 100 PSI	PAT-C-100	108231	64.0

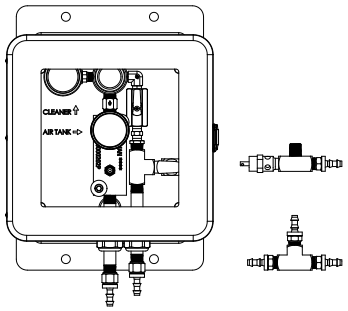


Product Notes:

- 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. LBS.
Control Box Kit for Precleaner - 60 PSI	PACB2-60	108228	13.6
Control Box Kit for Secondary Cleaner - 100 PSI	PACB2-100	108229	13.6

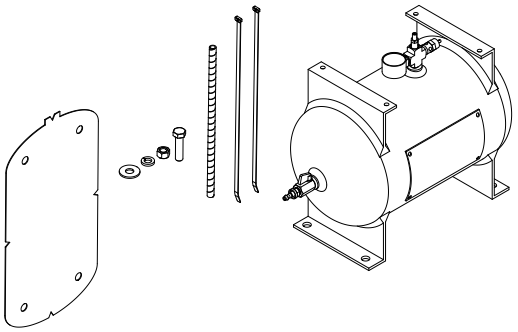


Product Notes:

- 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. LBS.
ASME Air Tank Kit	PAT-N	108232	47.3



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. LBS.
10' (3m) Hose Kit	PATHK	78794	1.5
Upgrade Fitting Kit (fill valve, push-on fittings, plugs)	AWTRK	79319	0.4

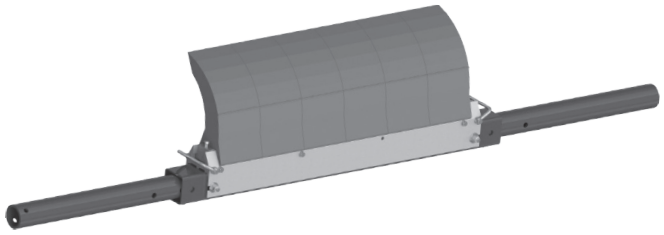
Optional Assemblies, Tensioners & Kits

Blade/Pole Assemblies

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

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHCP-BPA24	75945	106.0
30	750	MHCP-BPA30	75946	121.1
36	900	MHCP-BPA36	75947	136.2
42	1050	MHCP-BPA42	75948	151.2
48	1200	MHCP-BPA48	75949	166.3
54	1350	MHCP-BPA54	75950	181.4
60	1500	MHCP-BPA60	75951	196.5
72	1800	MHCP-BPA72	75952	226.6
84	2100	MHCP-BPA84	76809	264.4
96	2400	MHCP-BPA96	78956	302.2

Lead time: 1 working day

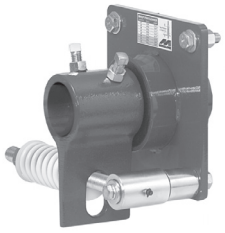


Tensioners

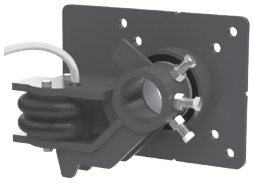
(Includes tensioners for both pole ends)

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
PST Spring Tensioner – White for belts 24–48" (600–1200mm)	PST2-W	77723	86.1
PST Spring Tensioner – Silver for belts 54–84" (1350–2100mm)	PST2-S	77724	86.2
PST Spring Tensioner – Red for belts 96" (2400mm)	PST2-R	77725	86.2
AWT Air Tensioner	AWTNCB	76069	75.2

Lead time: 1 working day



PST Spring Tensioner



AWT/PAT Tensioner

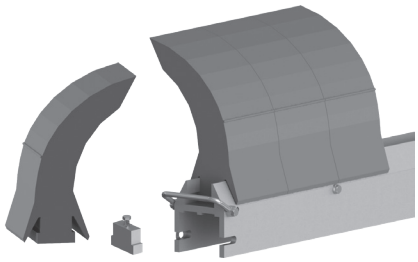
Blade Cartridge Kits

(Includes blades, cartridge, and mounting bolts)

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHCP-BCK24	75953	33.0
30	750	MHCP-BCK30	75954	44.0
36	900	MHCP-BCK36	75955	55.0
42	1050	MHCP-BCK42	75956	66.0
48	1200	MHCP-BCK48	75957	77.0
54	1350	MHCP-BCK54	75958	88.0
60	1500	MHCP-BCK60	75959	99.0
72	1800	MHCP-BCK72	75960	121.0
84	2100	MHCP-BCK84	76810	141.2
96	2400	MHCP-BCK96	78957	161.4

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

Lead time: 1 working day



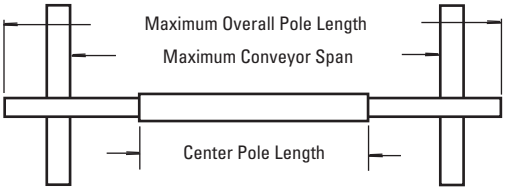
Blade Cartridge Kit

Specifications & Guidelines

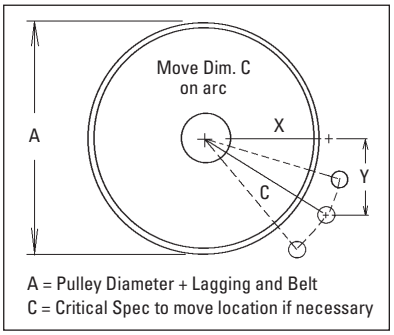
Telescoping Pole Length Specifications

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

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



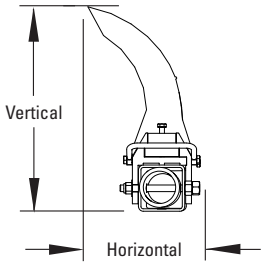
Pole Location Specs



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

Clearance Guidelines for Installation

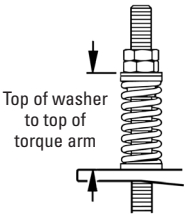
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
7	175	19	475



PST Spring Length Chart

Blade Width		No. Blades	White Springs		Silver Springs		Red Springs	
in.	mm		in.	mm	in.	mm	in.	mm
18	450	3	5 5/8	143	N/A	N/A	N/A	N/A
24	600	4	5 3/8	137	6 1/4	159	N/A	N/A
30	750	5	5	127	6 1/8	156	6 1/4	159
36	900	6	4 3/4	121	6	152	6 1/4	159
42	1050	7	N/A	N/A	6	152	6 1/8	156
48	1200	8	N/A	N/A	5 7/8	149	6 1/8	156
54	1350	9	N/A	N/A	5 3/4	146	6	152
60	1500	10	N/A	N/A	5 5/8	143	6	152
66	1650	11	N/A	N/A	5 5/8	143	5 7/8	149
72	1800	12	N/A	N/A	5 1/2	140	5 7/8	149
78	1950	13	N/A	N/A	5 3/8	137	5 3/4	146
84	2100	14	N/A	N/A	N/A	N/A	5 3/4	146
90	2250	15	N/A	N/A	N/A	N/A	5 5/8	143
96	2400	16	N/A	N/A	N/A	N/A	5 5/8	143
102	2550	17	N/A	N/A	N/A	N/A	5 1/2	140
108	2700	18	N/A	N/A	N/A	N/A	5 1/2	140
114	2850	19	N/A	N/A	N/A	N/A	5 3/8	137

Shading indicates preferred spring option.



Pressure Chart

Blade Width		No. Blades	Pressure	
in.	mm		PSI	kPa
18	450	3	8	55
24	600	4	10	69
30	750	5	13	90
36	900	6	15	103
42	1050	7	18	124
48	1200	8	20	138
54	1350	9	23	159
60	1500	10	25	172
66	1650	11	28	193
72	1800	12	31	214
78	1950	13	33	228
84	2100	14	36	248
90	2250	15	38	262

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

Pole Location Chart

A		X		Y		C	
in.	mm	in.	mm	in.	mm	in.	mm
20	500	10	254	14 3/8	365	17 1/2	445
21	525	10 1/2	267	14 3/8	365	17 3/4	451
22	550	11	279	14 3/8	365	18 1/8	460
23	575	11 1/2	292	14 3/8	365	18 3/8	467
24	600	12	305	14 3/8	365	18 3/4	476
25	625	12 1/2	318	14 3/8	365	19	483
26	650	13	330	14 3/8	365	19 3/8	492
27	675	13 1/2	343	14 3/8	365	19 3/4	502
28	700	14	356	14 3/8	365	20 1/8	511
29	725	14 1/2	368	14 3/8	365	20 3/8	518
30	750	15	381	14 3/8	365	20 3/4	527
31	775	15 1/2	394	14 3/8	365	21 1/8	537
32	800	16	406	14 3/8	365	21 1/2	546
33	825	16 1/2	419	14 3/8	365	21 7/8	556
34	850	17	432	14 3/8	365	22 1/4	565
35	875	17 1/2	445	14 3/8	365	22 5/8	575
36	900	18	457	14 3/8	365	23	584
37	925	18 1/2	470	14 3/8	365	23 3/8	594
38	950	19	483	14 3/8	365	23 7/8	606
39	975	19 1/2	495	14 3/8	365	24 1/4	616
40	1000	20	508	14 3/8	365	24 5/8	625
41	1025	20 1/2	521	14 3/8	365	25	635
42	1050	21	533	14 3/8	365	25 1/2	648
43	1075	21 1/2	546	14 3/8	365	25 7/8	657
44	1100	22	565	14 3/8	365	26 1/2	673
45	1125	22 1/2	581	14 3/8	365	27	686
46	1150	23	597	14 3/8	365	27 1/2	699
47	1175	23 1/2	610	14 3/8	365	28	711
48	1200	24	625	14 3/8	365	28 1/2	724

Specifications:

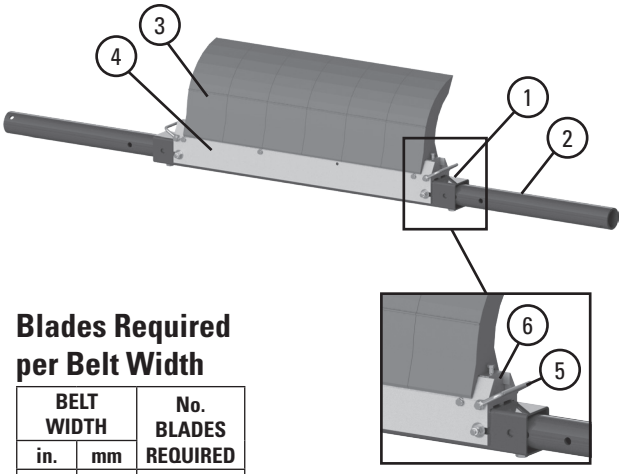
- Maximum Belt Speed .....1200 FPM (6 m/s)
- Temperature Rating .....-30 to 180°F (-35 to 82°C)
- Minimum Pulley Diameter.....20" (500 mm)
- Blade Height.....14" (350 mm)
- Usable Blade Wear Length.....8" (200 mm)
- Blade Material .....Polyurethane (proprietary blend for abrasion resistance and long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

Replacement Parts List

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) Center Pole *	MHP-CP24	75961	19.0
	30" (750mm) Center Pole *	MHP-CP30	75962	23.1
	36" (900mm) Center Pole *	MHP-CP36	75963	27.2
	42" (1050mm) Center Pole *	MHP-CP42	75964	31.2
	48" (1200mm) Center Pole *	MHP-CP48	75965	35.3
	54" (1350mm) Center Pole *	MHP-CP54	75966	39.4
	60" (1500mm) Center Pole *	MHP-CP60	75967	43.5
	72" (1800mm) Center Pole *	MHP-CP72	75968	51.6
	84" (2100mm) Center Pole *	MHP-CP84	76811	60.2
	96" (2400mm) Center Pole *	MHP-CP96	78958	68.8
2	MHCP Extender Poles (2 ea.)	MHP-EP	76392	54.0
3	SuperShear™ Blade	SSRB	75978	6.6
4	24" (600mm) 2-Piece Blade Cartridge *	MHCP-2BC24	76638	13.2
	30" (750mm) 2-Piece Blade Cartridge *	MHCP-2BC30	76639	17.6
	36" (900mm) 2-Piece Blade Cartridge *	MHCP-2BC36	76640	22.0
	42" (1050mm) 2-Piece Blade Cartridge *	MHCP-2BC42	76641	26.4
	48" (1200mm) 2-Piece Blade Cartridge *	MHCP-2BC48	76642	30.8
	54" (1350mm) 2-Piece Blade Cartridge *	MHCP-2BC54	76643	35.2
	60" (1500mm) 2-Piece Blade Cartridge *	MHCP-2BC60	76644	39.6
	72" (1800mm) 2-Piece Blade Cartridge *	MHCP-2BC72	76645	48.4
	84" (2100mm) 2-Piece Blade Cartridge *	MHCP-2BC84	76812	56.5
	96" (2400mm) 2-Piece Blade Cartridge *	MHCP-2BC96	78986	64.6
5	MHCP Cartridge Handle *	MHCP-CH	76393	0.4
6	MHCP Cartridge Blade Stop *	MHCP-BS	76394	0.4

*Hardware Included. Lead time: 1 working day



Blades Required per Belt Width

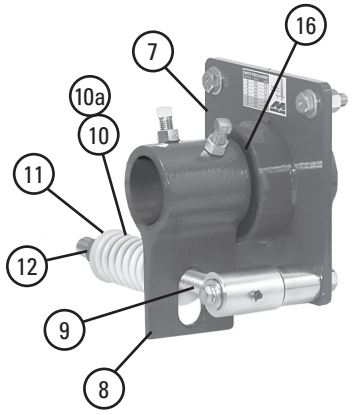
BELT WIDTH		No. BLADES REQUIRED
in.	mm	
24	600	3
30	750	4
36	900	5
42	1050	6
48	1200	7
54	1350	8
60	1500	9
72	1800	11
84	2100	13
96	2400	15

Blades and cartridges can be purchased separately (see chart at left) or preassembled as a Blade Cartridge Kit (p. 71).

PST Tensioner Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
7	Mounting Plate Kit * (2 ea.)	MHPMPK	77727	44.4
8	Torque Arm * (1 ea.)	PSTA	75896	11.4
9	Torque Pivot Kit (1 ea.) (no spring)	PTPK	75897	7.0
10	Tension Spring – White (1 ea.) for belts 24–48" (600–1200mm)	PSTS-W	75898	1.7
10a	Tension Spring – Silver (1 ea.) for belts 54–84" (1350–2100mm)	PSTS-S	75899	3.0
10b	Tension Spring – Red (1 ea.) for belts 96" (2400mm)	PSTS-R	77726	3.0
11	Bushing Kit (2 ea.) (for White, Silver, & Red Tensioners)	QMTBK-W	76098	0.2
12	Jam Nut Kit PST Tensioner	JNK-D	79894	0.3
–	PST Spring Tensioner* – White for belts 24–48" (600–1200mm) (incl. (2) ea. items 7, 8, 9, 10 & 11)	PST2-W	77723	86.1
–	PST Spring Tensioner* – Silver for belts 54–84" (1350–2100mm) (incl. (2) ea. items 7, 8, 9, 10a & 11)	PST2-S	77724	86.2
-	PST Spring Tensioner* – Red for belts 96" (2400mm) (incl. (2) ea. items 7, 8, 9 ,10b &11)	PST2-R	77725	86.2

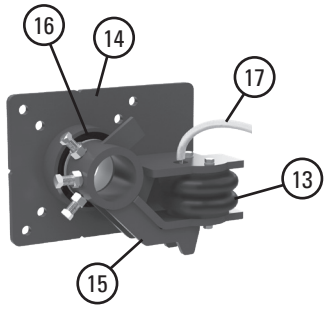
*Hardware Included. Lead time: 1 working day



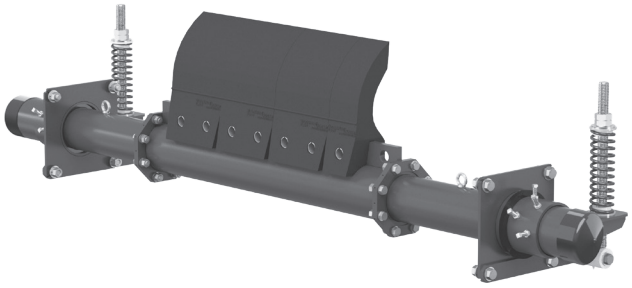
PAT Tensioner Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
13	Air Bag (1 ea.)	AWTB	75905	3.8
14	Mounting Base (1 ea.)	AWTMB	75906	22.9
15	Torque Arm * (1 ea.)	AWTA	75907	11.6
16	Pole Bearing Assy (for cleaners shipped after 4/2016)	AWTPBA	90000	2.3
17	Hose Kit (50' of hose and 6 hose clamps)	AWTHK	75909	6.7
–	AWT Air Tensioner (incl. (2) ea. items 12, 13, 14 & (1) ea. item 15)	AWTNCB	76069	75.2

*Hardware Included. Lead time: 1 working day



Product Ordering Information



Belt Width Minus 6" (150mm)

BELT WIDTH		BLADE COVERAGE		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
42	1050	36	900	MXP-642	90393	659.0
48	1200	42	1050	MXP-648	90394	700.0
54	1350	48	1200	MXP-654	90395	742.0
60	1500	54	1350	MXP-660	90396	783.0
72	1800	66	1650	MXP-672	90397	869.0
84	2100	78	1950	MXP-684	90398	953.0
96	2400	90	2250	MXP-696	90399	1036.0
108	2700	102	2550	MXP-6108	90642	1120.0
120	3000	114	2850	MXP-6120	90400	1207.0

Lead time: 2 weeks

Belt Width Minus 12" (300mm)

BELT WIDTH		BLADE COVERAGE		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
42	1050	30	750	MXP-1242	90581	636.0
48	1200	36	900	MXP-1248	90582	679.0
54	1350	42	1050	MXP-1254	90583	720.0
60	1500	48	1200	MXP-1260	90584	763.0
72	1800	60	1500	MXP-1272	90585	849.0
84	2100	72	1800	MXP-1284	90586	933.0
96	2400	84	2100	MXP-1296	90587	1016.0
108	2700	96	2400	MXP-12108	90643	1100.0
120	3000	108	2700	MXP-12120	90588	1187.0

Lead time: 2 weeks

Replacement UltraShear™ Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
6	150	USB6	90410	20.0
12	300	USB12	90409	40.0

Lead time: 1 working day

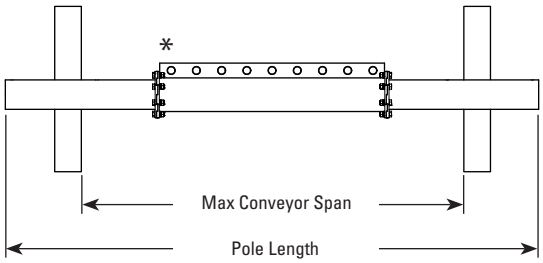
Product Notes:

- Heavy-duty design with massive UltraShear™ blades for constant cleaning power on abusive beltlines.
- Blade width options for belt width minus 6" (150 mm) or belt width minus 12" (300 mm). Can be adjusted to belt's material path.
- Pole Length: Belt width plus 79" (2000 mm).
- Tensioner: XDST Spring Tensioner
- To make cleaner installation easier and quicker, see Optional Mounting Kits (p. 145).

Specifications & Guidelines

Pole Length Specifications*

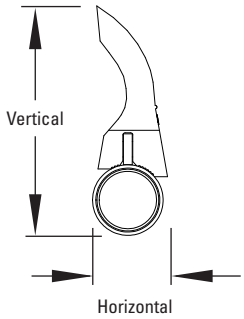
CLEANER SIZE		MAX OVERALL POLE LENGTH		CENTER POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
42	1050	121	3050	48	1200	105	2667
48	1200	127	3200	54	1350	111	2819
54	1350	133	3350	60	1500	117	2972
60	1500	139	3500	66	1650	123	3124
72	1800	151	3800	78	1950	135	3429
84	2100	163	4100	90	2250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



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

Clearance Guidelines for Installation

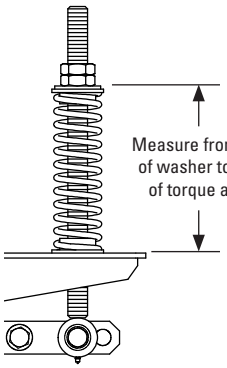
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
12	300	27 1/2	700



XDST Spring Length Chart

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

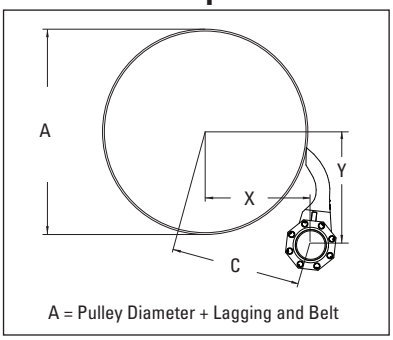
Shading indicates preferred spring option.



Specifications:

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

Pole Location Specs



A = Pulley Diameter + Lagging and Belt

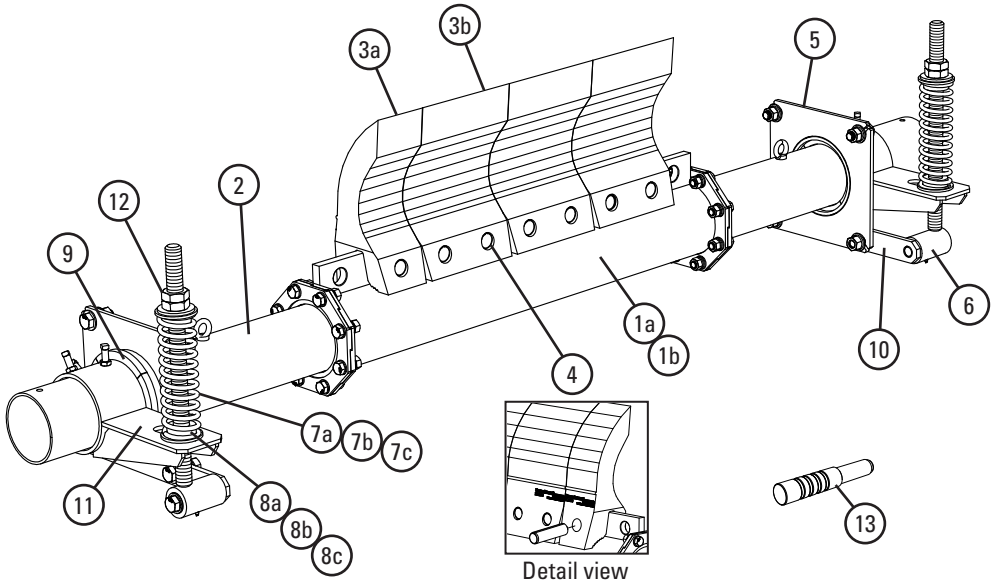
Pole Location Chart

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

Pole Location Chart

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

Replacement Parts List



Replacement Poles

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1a	42" (1050mm) Center Pole BW-6	MXPP-642	90589	177.0
	48" (1200mm) Center Pole BW-6	MXPP-648	90590	198.0
	54" (1350mm) Center Pole BW-6	MXPP-654	90591	218.0
	60" (1500mm) Center Pole BW-6	MXPP-660	90592	239.0
	72" (1800mm) Center Pole BW-6	MXPP-672	90593	280.0
	84" (2100mm) Center Pole BW-6	MXPP-684	90594	320.0
	96" (2400mm) Center Pole BW-6	MXPP-696	90595	361.0
	108" (2700mm) Center Pole BW-6	MXPP-6108	90644	402.0
	120" (3000mm) Center Pole BW-6	MXPP-6120	90596	443.0
1b	42" (1050mm) Center Pole BW-12	MXPP-1242	90622	178.0
	48" (1200mm) Center Pole BW-12	MXPP-1248	90623	198.0
	54" (1350mm) Center Pole BW-12	MXPP-1254	90624	219.0
	60" (1500mm) Center Pole BW-12	MXPP-1260	90625	239.0
	72" (1800mm) Center Pole BW-12	MXPP-1272	90626	280.0
	84" (2100mm) Center Pole BW-12	MXPP-1284	90627	321.0
	96" (2400mm) Center Pole BW-12	MXPP-1296	90628	362.0
	108" (2700mm) Center Pole BW-12	MXPP-12108	90645	401.0
	120" (3000mm) Center Pole BW-12	MXPP-12120	90629	442.0
2	Extreme Duty Pole Ends* (pair)	MXPPE	90598	133.0

*Hardware Included

Lead Time: 2 weeks

Spring Tensioner Selection Chart

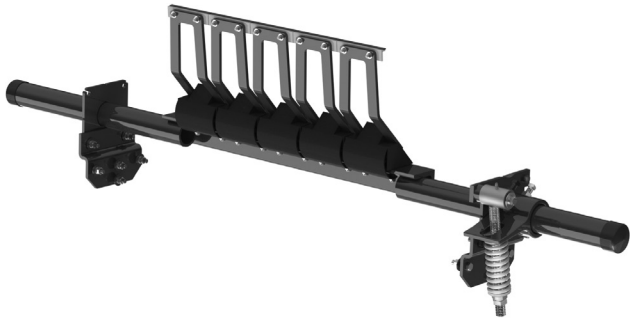
CLEANER BLADE WIDTH	90612 XDST-P	90611 XDST-W	90613 XDST-B
UltraShear™ 42–60" (1050–1500mm)	X		
UltraShear™ 72–108" (1800–2700mm)		X	
UltraShear™ 120" (3000mm)			X

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
3a	6" (150mm) UltraShear™ Blade	USB6	90410	20.0
3b	12" (300mm) UltraShear™ Blade	USB12	90409	40.0
4	UltraShear™ Blade Pin (1 ea.)	USBP	90411	1.0
5	XDST Mounting Plate Kit* (2 ea.)	XDSTMPK	90599	64.0
6	XDST Pivot Arm Kit* (1 ea.)	XDSTPAK	90600	20.0
7a	XDST Tension Spring – Purple (1 ea.) for blades 42–60" (1050–1500mm)	XDSTS-P	90602	10.0
7b	XDST Tension Spring – White (1 ea.) for blades 72–108" (1800–2700mm)	XDSTS-W	90601	13.0
7c	XDST Tension Spring – Black (1 ea.) for blades 120" (3000mm)	XDSTS-B	90603	17.0
8a	XDST Bushing Kit – Purple (2 ea.)	XDSTBK-P	90605	0.5
8b	XDST Bushing Kit – White (2 ea.)	XDSTBK-W	90604	0.5
8c	XDST Bushing Kit – Black (2 ea.)	XDSTBK-B	90606	0.5
9	MXP Pole Bearing Kit (8 segments) (Replacements for both tensioners)	MXPPBK	90607	2.5
10	XDST Pivot Shaft Bracket* (1 ea.)	XDSTPSBK	90608	15.0
11	XDST Torque Arm Kit* (1 ea.)	XDSTTAK	90609	15.0
12	XDST Jam Nut Kit (2 nuts, 1 washer)	XDSTJNK	90610	1.0
13	USB Blade Pin Removal Tool	USBBRP	90412	9.0
-	XDST Spring Tensioner* – Purple (incl. (1) ea. items 5, 9; (2) ea. items 6, 7a, 8a, 10, 11, 12)	XDST-P	90612	206.0
-	XDST Spring Tensioner* – White (incl. (1) ea. items 5, 9; (2) ea. items 6, 7b, 8b, 10, 11, 12)	XDST-W	90611	212.0
-	XDST Spring Tensioner* – Black (incl. (1) ea. items 5, 9; (2) ea. items 6, 7c, 8c, 10, 11, 12)	XDST-B	90613	220.0

*Hardware Included
Lead Time: 1 working day

Product Ordering Information



With V-Tips

BELT WIDTH		V-TIP SIZE	ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm				
18	450	SS	HV2-18SS	79323	99.5
18	450	S	HV2-18S	79324	100.9
18	450	M	HV2-18M	79325	101.7
24	600	SS	HV2-24SS	79326	112.6
24	600	S	HV2-24S	79327	114.7
24	600	M	HV2-24M	79328	115.9
30	750	SS	HV2-30SS	79329	125.6
30	750	S	HV2-30S	79330	128.4
30	750	M	HV2-30M	79331	130.0
36	900	SS	HV2-36SS	79332	138.7
36	900	S	HV2-36S	79333	142.2
36	900	M	HV2-36M	79334	144.2
36	900	L	HV2-36L	79335	145.2
42	1050	SS	HV2-42SS	79336	151.8
42	1050	S	HV2-42S	79337	156.0
42	1050	M	HV2-42M	79338	158.4
42	1050	L	HV2-42L	79339	159.6
42	1050	LL	HV2-42LL	79340	163.8
48	1200	SS	HV2-48SS	79341	164.8
48	1200	S	HV2-48S	79342	169.7
48	1200	M	HV2-48M	79343	172.5
48	1200	L	HV2-48L	79344	173.9
48	1200	LL	HV2-48LL	79345	178.8
54	1350	S	HV2-54S	79346	183.5
54	1350	M	HV2-54M	79347	186.7
54	1350	L	HV2-54L	79348	188.3
54	1350	LL	HV2-54LL	79349	193.9
60	1500	S	HV2-60S	79350	197.3
60	1500	M	HV2-60M	79351	200.9
60	1500	L	HV2-60L	79352	202.7
60	1500	LL	HV2-60LL	79353	209.0
72	1800	S	HV2-72S	79354	216.2
72	1800	M	HV2-72M	79355	220.2
72	1800	L	HV2-72L	79356	222.2
72	1800	LL	HV2-72LL	79357	229.2

*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

Replacement HV2-Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
HV2T-S/S	79367	0.6
HV2PT	79368	0.8

Lead time: 1 working day

Replacement HV2 Suspension Arms

SIZE	ORDERING NUMBER	ITEM CODE	WT. LBS.
SS	H2SA6SS	79369	2.5
S	H2SA6S	79370	3.2
M	H2SA6M	79371	3.6
L	H2SA6L	79372	3.8
LL	H2SA6LL	79373	4.5

Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
No. HV2-Tips Required	2	3	4	5	6	7	8	9	11

HV2 Suspension Arm Size

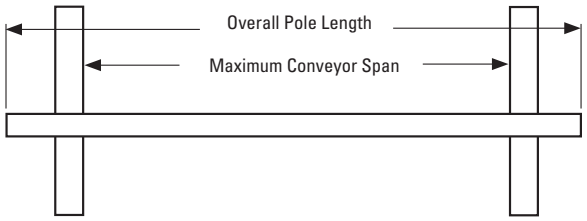
HEAD PULLEY DIAMETER + BELT & LAGGING		
in.	mm	SIZE
10–19	250–475	SS
20–31	500–775	S
32–39	800–975	M
40–47	1000–1175	L
48–67	1200–1675	LL

Specifications & Guidelines

Pole Length Specifications*

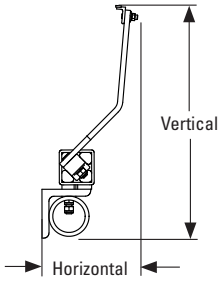
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
18	450	66	1650	56	1400
24	600	72	1800	62	1550
30	750	78	1950	68	1700
36	900	84	2100	74	1850
42	1050	90	2250	80	2000
48	1200	96	2400	86	2150
54	1350	102	2550	92	2300
60	1500	108	2700	98	2450
72	1800	120	3000	110	2750

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750 mm) of extended pole length. Pole Diameter – 2-7/8" (73 mm) (p. 145)



Clearance Guidelines for Installation

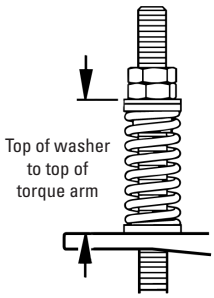
SUSPENSION ARM SIZE	HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	in.	mm	in.	mm
SS	8-1/4	210	12-5/8	320
S	8-1/4	210	15-3/8	390
M	8-1/4	210	16-5/8	416
L	8-1/4	210	17-1/2	445
LL	8-1/4	210	20-1/8	511



HV2 Spring Length Chart

Belt Width		No. of Tips	SS		S		M		L		LL	
in	mm		in	mm	in	mm	in	mm	in	mm	in	mm
18	450	2	5 1/4	133	4 7/8	124	4 3/4	121	4 1/2	114	N/A	N/A
24	600	3	4 1/2	114	4 1/8	105	5 3/4	146	5 3/4	146	N/A	N/A
30	750	4	4 1/2	114	4 1/8	105	5 3/4	146	5 3/4	146	N/A	N/A
36	900	5	5 3/4	146	5 5/8	143	5 1/2	140	5 3/8	137	N/A	N/A
42	1050	6	5 5/8	143	5 3/8	137	5 1/4	133	5 1/8	130	4 3/4	121
48	1200	7	5 5/8	143	5 3/8	137	5 1/4	133	5 1/8	130	4 3/4	121
54	1350	8	N/A	N/A	5 1/8	130	5	127	4 7/8	124	6	152
60	1500	9	N/A	N/A	4 7/8	124	6 1/8	156	6	152	5 7/8	150
72	1800	11	N/A	N/A	6	152	6	152	5 7/8	150	5 3/4	146

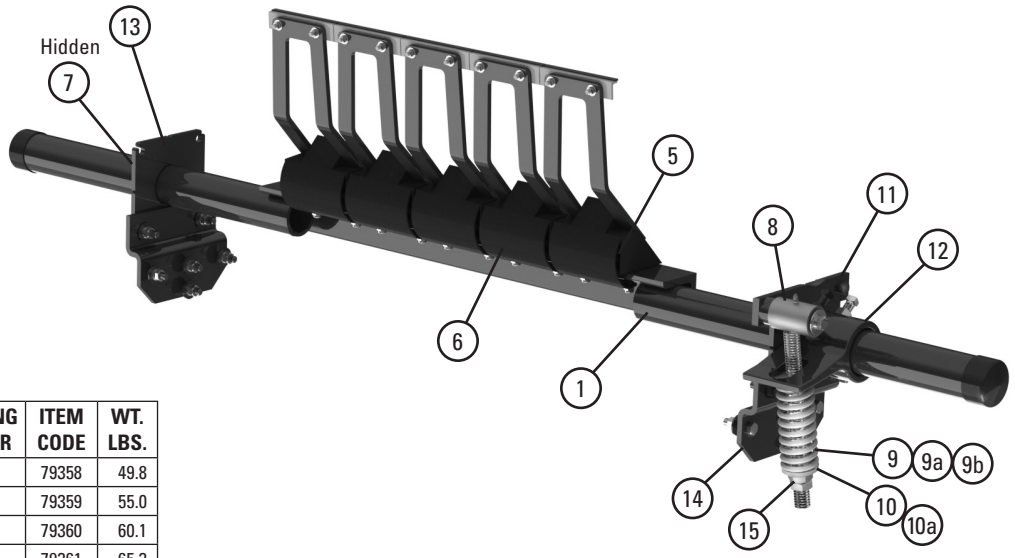
Purple Spring Silver Spring White Spring



Specifications:

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

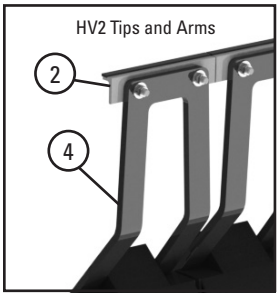
Replacement Parts List

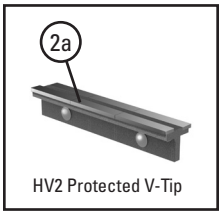


Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	H2P18	79358	49.8
	24" (600mm) Pole	H2P24	79359	55.0
	30" (750mm) Pole	H2P30	79360	60.1
	36" (900mm) Pole	H2P36	79361	65.3
	42" (1050mm) Pole	H2P42	79362	70.5
	48" (1200mm) Pole	H2P48	79363	75.6
	54" (1350mm) Pole	H2P54	79364	80.8
	60" (1500mm) Pole	H2P60	79365	86.0
	72" (1800mm) Pole	H2P72	79366	96.3
2	HV2 Tip (6" (150mm) Tip, 1 ea.)	HV2T-S/S	79367	0.6
2a	HV2 Protected V-Tip* (6" (150mm) Tip, 1 ea.) (for vulcanized belts only) (for abusive wear)	HV2PT	79368	0.8
3	HV2-S/S Tip Shield (optional)	HV2SSTS	79375	0.5
4	HV2 SS Suspension Arm*	H2SA6SS	79369	2.5
	HV2 S Suspension Arm*	H2SA6S	79370	3.2
	HV2 M Suspension Arm*	H2SA6M	79371	3.6
	HV2 L Suspension Arm*	H2SA6L	79372	3.8
	HV2 LL Suspension Arm*	H2SA6LL	79373	4.5
5	HV2 Cushion	H2RC	79374	4.3
6	HV2 Polyurethane Cushion Cover	UHVC	79453	0.5
7	Pole Lock Collar* (1 ea.)	MSPPL	75816	1.9
8	Pivot Arm Kit* (1 ea.)	QMTPAK	76096	4.3
9a	Tension Spring - Purple (1 ea.)**	QMTS-P	75845	0.6
9b	Tension Spring - White (1 ea.)**	PSTS-W	75898	1.7
9c	Tension Spring - Silver (1 ea.)**	PSTS-S	75899	3.0
10a	Bushing Kit - Purple (2 ea.) (for item 9a)	QMTBK-P	76097	0.1
10b	Bushing Kit - White (2 ea.) (for items 9b & 9c)	QMTBK-W	76098	0.2
11	Pivot Shaft Bracket Kit* (1 ea.)	QMTPSBK	76099	4.3
12	Torque Arm Kit* (1 ea.)	PSTA	75896	11.4
13	Mounting Plate Kit* (2 ea.)	MSPMPK	75811	8.3
14	Offset Bracket Kit* (1 ea.)	HOBK	76399	12.4
15	Jam Nut Kit QMT Tensioner	JNK-C	79893	0.3
-	QMT Spring Tensioner* - Purple (incl. (1) ea. items 8, 9a, 10a, 11, 12)	QMT-P	76074	20.4
-	QMT Spring Tensioner* - White (incl. (1) ea. items 8, 9b, 10b, 11, 12)	QMT-W	76075	21.8
-	QMT Spring Tensioner* - Silver (incl. (1) ea. items 8, 9c, 10b, 11, 12)	QMT-S	79039	20.3

*Hardware included
NOTE: All poles and tensioners are heavy-duty style.
Lead time: 1 working day





Spring Tensioner Selection Chart

HV2 Size	76074 QMT-P	76075 QMT-W	79039 QMT-S
18" (450mm) SS,S,M; 24" (600mm) S,S; 30" (750mm) SS,S	X		
24" (600mm) M; 30" (750mm) M; 36" (900mm) SS-L; 42" (1050mm) SS-L; 48" (1200mm) SS-LL; 54" (1350mm) S-L; 60" (1500mm) S; 72" (1800mm) S		X	
54" (1350mm) LL; 60" (1500mm) M-LL; 72" (1800mm) M-LL			X

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
No. HV2-Tips Required	2	3	4	5	6	7	8	9	11

Product Ordering Information

With XF2-Tips

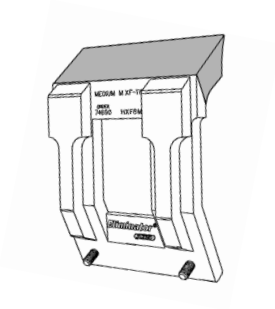
BELT WIDTH		XF2-TIP SIZE	ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm				
18	450	SS	HXF2-18SS	76138	32.0
18	450	S	HXF2-18S	76289	97.1
18	450	M	HXF2-18M	76290	97.9
24	600	SS	HXF2-24SS	76139	110.0
24	600	S	HXF2-24S	76291	111.2
24	600	M	HXF2-24M	76292	112.4
30	750	SS	HXF2-30SS	76140	113.8
30	750	S	HXF2-30S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

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

Replacement XF-Tips

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

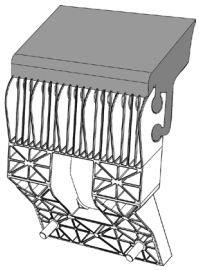
Lead time: 1 working day



Replacement XF2-Tips

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

Lead time: 1 working day



Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
No. XF2-Tips Required	2	3	3	4	5	5	6	7	8

XF-Tip & XF2-Tip Size

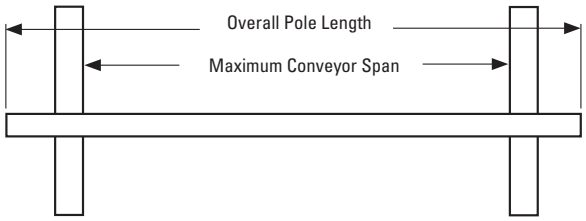
HEAD PULLEY DIAMETER + BELT & LAGGING		
in.	mm	SIZE
10–19	250–475	SS
20–31	500–775	S
32–39	800–975	M
40–47	1000–1175	L

Specifications & Guidelines

Pole Length Specifications*

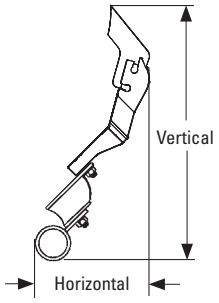
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
18	450	66	1650	56	1400
24	600	72	1800	62	1550
30	750	78	1950	68	1700
36	900	84	2100	74	1850
42	1050	90	2250	80	2000
48	1200	96	2400	86	2150
54	1350	102	2550	92	2300
60	1500	108	2700	98	2450
72	1800	120	3000	110	2750

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750 mm) of extended pole length. Pole Diameter – 2-7/8" (73 mm) (p. 145)



Clearance Guidelines for Installation

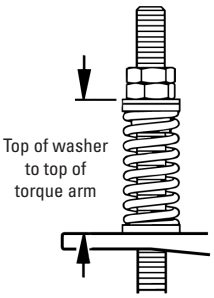
SUSPENSION ARM SIZE	HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	in.	mm	in.	mm
SS	7	175	13	325
S	7	175	15	375
M	7	175	16 1/2	413
L	7	175	18 1/2	463
LL	7	175	22	550



QMT Spring Length Chart

Belt Width		No. of Tips	SS		S		M		L	
in	mm		in	mm	in	mm	in	mm	in	mm
18	450	2	4 1/2	114	4	102	5 3/4	146	N/A	N/A
24	600	3	5 5/8	143	5 1/2	140	5 3/8	137	N/A	N/A
30	750	3	5 5/8	143	5 1/2	140	5 3/8	137	N/A	N/A
36	900	4	5 3/8	137	5 1/8	130	5	127	4 1/4	108
42	1050	5	5	127	4 3/4	121	6	152	6	152
48	1200	5	5	127	4 3/4	121	6	152	6	152
54	1350	6	4 3/4	121	6	152	5 7/8	150	5 7/8	150
60	1500	7	N/A	N/A	5 7/8	150	5 3/4	146	5 3/4	146
72	1800	8	N/A	N/A	5 3/4	146	5 5/8	143	5 5/8	143

Purple Spring Silver Spring White Spring



Specifications:

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

Product Ordering Information

With V-Tips*

BELT WIDTH		SUSPENSION ARM SIZE	ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm				
18	450	SS	HV-18SS	76101	96.3
18	450	S	HV-18S	76190	97.1
18	450	M	HV-18M	76191	98.1
24	600	SS	HV-24SS	76102	108.6
24	600	S	HV-24S	76192	109.8
24	600	M	HV-24M	76193	111.3
30	750	SS	HV-30SS	76103	112.4
30	750	S	HV-30S	76194	113.6
30	750	M	HV-30M	76195	115.1
36	900	SS	HV-36SS	76104	124.8
36	900	S	HV-36S	76196	127.8
36	900	M	HV-36M	76197	129.8
36	900	L	HV-36L	76198	131.4
42	1050	SS	HV-42SS	76105	138.6
42	1050	S	HV-42S	76199	140.6
42	1050	M	HV-42M	76251	143.1
42	1050	L	HV-42L	76252	145.1
42	1050	LL	HV-42LL	76253	147.6
48	1200	SS	HV-48SS	76106	142.4
48	1200	S	HV-48S	76254	144.4
48	1200	M	HV-48M	76255	146.9
48	1200	L	HV-48L	76256	148.9
48	1200	LL	HV-48LL	76257	151.4
54	1350	S	HV-54S	76107	157.2
54	1350	M	HV-54M	76258	160.2
54	1350	L	HV-54L	76259	162.6
54	1350	LL	HV-54LL	76260	165.6
60	1500	S	HV-60S	76108	194.1
60	1500	M	HV-60M	76261	197.6
60	1500	L	HV-60L	76262	200.4
60	1500	LL	HV-60LL	76263	206.0
72	1800	S	HV-72S	76109	214.7
72	1800	M	HV-72M	76264	218.7
72	1800	L	HV-72L	76265	224.0
72	1800	LL	HV-72LL	76266	228.0

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

Replacement V-Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
HVT8-S/S	75419	1.0

Lead time: 1 working day

Replacement Suspension Arms

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

Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
No. V-Tips Required	2	3	3	4	5	5	6	7	8

Suspension Arm Size

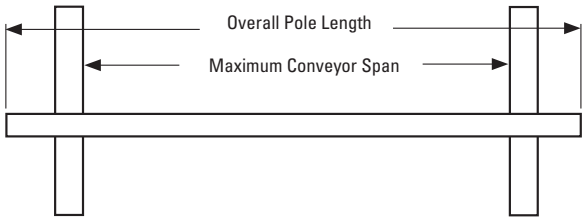
HEAD PULLEY DIAMETER + BELT & LAGGING		
in.	mm	SIZE
10–19	250–475	SS
20–31	500–775	S
32–39	800–975	M
40–47	1000–1175	L
48–67	1200–1675	LL

Specifications & Guidelines

Pole Length Specifications*

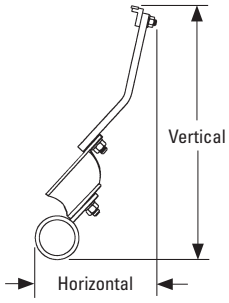
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
18	450	66	1650	56	1400
24	600	72	1800	62	1550
30	750	78	1950	68	1700
36	900	84	2100	74	1850
42	1050	90	2250	80	2000
48	1200	96	2400	86	2150
54	1350	102	2550	92	2300
60	1500	108	2700	98	2450
72	1800	120	3000	110	2750

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750 mm) of extended pole length. Pole Diameter – 2-7/8" (73 mm) (p. 145)



Clearance Guidelines for Installation

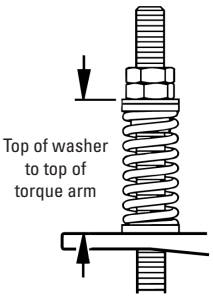
SUSPENSION ARM SIZE	HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	in.	mm	in.	mm
SS	7	175	13	325
S	7	175	15	375
M	7	175	16 1/2	413
L	7	175	18 1/2	463
LL	7	175	22	550



QMT Spring Length Chart

Belt Width		No. of Tips	SS		S		M		L		LL	
in	mm		in	mm	in	mm	in	mm	in	mm	in	mm
18	450	2	5 1/4	133	4 7/8	124	4 3/4	121	4 1/2	114	N/A	N/A
24	600	3	4 1/2	114	4 1/8	105	5 3/4	146	5 3/4	146	N/A	N/A
30	750	4	4 1/2	114	4 1/8	105	5 3/4	146	5 3/4	146	N/A	N/A
36	900	5	5 3/4	146	5 5/8	143	5 1/2	140	5 3/8	137	N/A	N/A
42	1050	6	5 5/8	143	5 3/8	137	5 1/4	133	5 1/8	130	4 3/4	121
48	1200	7	5 5/8	143	5 3/8	137	5 1/4	133	5 1/8	130	4 3/4	121
54	1350	8	N/A	N/A	5 1/8	130	5	127	4 7/8	124	6	152
60	1500	9	N/A	N/A	4 7/8	124	6 1/8	156	6	152	5 7/8	150
72	1800	11	N/A	N/A	6	152	6	152	5 7/8	150	5 3/4	146

Purple Spring Silver Spring White Spring



Specifications:

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

Product Ordering Information

With Protected V-Tips*

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

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

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

Replacement Protected V-Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
HVPT	73631	2.7

Lead time: 1 working day

Replacement Suspension Arms

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

Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
No. Protected V-Tips Required	2	3	3	4	5	5	6	7	8

Suspension Arm Size

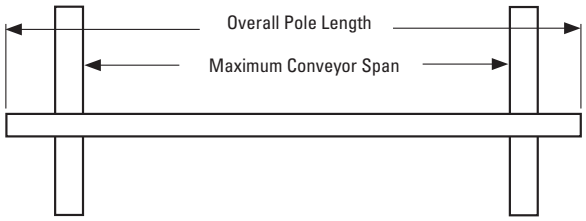
HEAD PULLEY DIAMETER + BELT & LAGGING		SIZE
in.	mm	
10–19	250–475	SS
20–31	500–775	S
32–39	800–975	M
40–47	1000–1175	L
48–67	1200–1675	LL

Specifications & Guidelines

Pole Length Specifications*

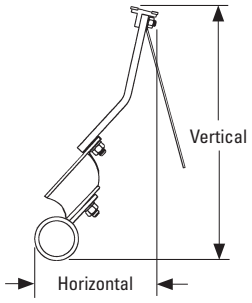
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
18	450	66	1650	56	1400
24	600	72	1800	62	1550
30	750	78	1950	68	1700
36	900	84	2100	74	1850
42	1050	90	2250	80	2000
48	1200	96	2400	86	2150
54	1350	102	2550	92	2300
60	1500	108	2700	98	2450
72	1800	120	3000	110	2750

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750 mm) of extended pole length. Pole Diameter – 2-7/8" (73 mm) (p. 145)



Clearance Guidelines for Installation

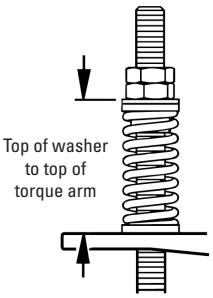
SUSPENSION ARM SIZE	HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	in.	mm	in.	mm
SS	7	175	13	325
S	7	175	15	375
M	7	175	16 1/2	413
L	7	175	18 1/2	463
LL	7	175	22	550



QMT Spring Length Chart

Belt Width		No. of Tips	SS		S		M		L		LL	
in	mm		in	mm	in	mm	in	mm	in	mm	in	mm
18	450	2	5 1/4	133	4 7/8	124	4 3/4	121	4 1/2	114	N/A	N/A
24	600	3	4 1/2	114	4 1/8	105	5 3/4	146	5 3/4	146	N/A	N/A
30	750	4	4 1/2	114	4 1/8	105	5 3/4	146	5 3/4	146	N/A	N/A
36	900	5	5 3/4	146	5 5/8	143	5 1/2	140	5 3/8	137	N/A	N/A
42	1050	6	5 5/8	143	5 3/8	137	5 1/4	133	5 1/8	130	4 3/4	121
48	1200	7	5 5/8	143	5 3/8	137	5 1/4	133	5 1/8	130	4 3/4	121
54	1350	8	N/A	N/A	5 1/8	130	5	127	4 7/8	124	6	152
60	1500	9	N/A	N/A	4 7/8	124	6 1/8	156	6	152	5 7/8	150
72	1800	11	N/A	N/A	6	152	6	152	5 7/8	150	5 3/4	146

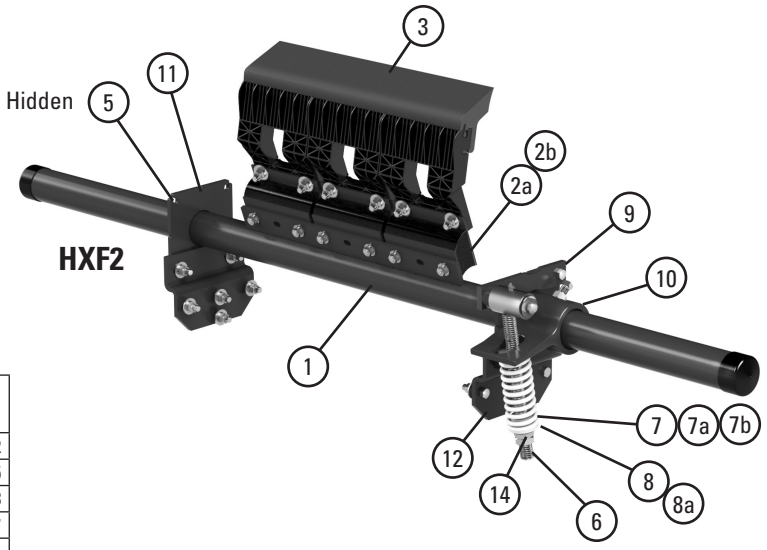
Purple Spring Silver Spring White Spring



Specifications:

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

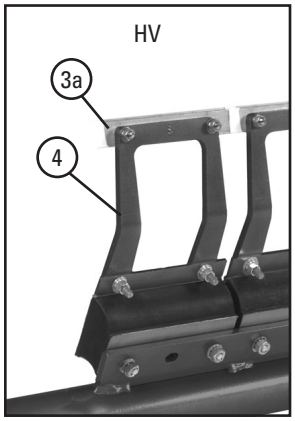
Replacement Parts List

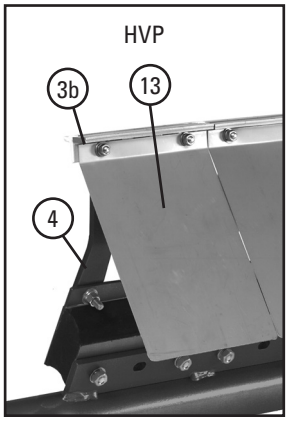


Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	H78P18	76110	41.2
	24" (600mm) Pole	H78P24	76111	46.5
	30" (750mm) Pole	H78P30	76112	50.3
	36" (900mm) Pole	H78P36	76113	55.7
	42" (1050mm) Pole	H78P42	76114	61.1
	48" (1200mm) Pole	H78P48	76115	64.9
	54" (1350mm) Pole	H78P54	76116	70.3
	60" (1500mm) Pole	H78P60	76117	99.8
	72" (1800mm) Pole	H78P72	76118	113.0
2a	H2 XF-Tip Cushion* (for S, M, L HXF2-Tips; or S - LL Susp. Arms)	HXFC2	75902	4.0
2b	H2 F-Tip Cushion* (for SS HXF2 Tips; or SS Susp. Arms)	HFC2	75901	4.0
3	HXF2-Tip Extra Small*	HXF2-SS	75979	3.0
	HXF2-Tip Small*	HXF2-S	75980	3.4
	HXF2-Tip Medium*	HXF2-M	75981	3.8
	HXF2-Tip Large*	HXF2-L	75982	4.1
3a	H V-Tip* (1 ea.)	HVT8-S/S	75419	1.0
3b	H Protected V-Tip* (1 ea.) for vulcanized belts only) (for abusive wear)	HVPT	73631	2.7
4	H SS Suspension Arm*	HSA8SS	73047	0.5
	H S Suspension Arm*	HSA8S	73048	1.0
	H M Suspension Arm*	HSA8M	73049	1.5
	H L Suspension Arm*	HSA8L	73063	2.0
	H LL Suspension Arm*	HSA8LL	73064	2.5
5	Pole Lock Collar* (1 ea.)	MSPPL	75816	1.9
6	Pivot Arm Kit* (1 ea.)	QMTPAK	76096	4.3
7	Tension Spring - Purple (1 ea.)**	QMTS-P	75845	0.6
7a	Tension Spring - White (1 ea.)**	PSTS-W	75898	1.7
7b	Tension Spring - Silver (1 ea.)**	PSTS-S	75899	3.0
8	Bushing Kit - Purple (2 ea.) (for Item 7)	QMTBK-P	76097	0.1
8a	Bushing Kit - White (2 ea.) (for Items 7a & 7b)	QMTBK-W	76098	0.2
9	Pivot Shaft Bracket Kit* (1 ea.)	QMTPSBK	76099	4.3
10	Torque Arm Kit* (1 ea.)	PSTA	75896	11.4
11	Mounting Plate Kit* (2 ea.)	MSPMPK	75811	8.3
12	Offset Bracket Kit* (1 ea.)	HOBK	76399	12.4
13	H SS Tip Shield	HSSTS	74771	0.5
14	Jam Nut Kit QMT Tensioner	JNK-C	79893	0.3
-	H SS Cushion Shield	HSSCS	74772	0.6
-	H-Type Shim Kit*	HVSK	74304	0.1
-	QMT Spring Tensioner* - Purple (incl. 1 ea. Items 6, 7, 8, 9, & 10)	QMT-P	76074	20.4
-	QMT Spring Tensioner* - White (incl. 1 ea. Items 6, 7a, 8a, 9, & 10)	QMT-W	76075	21.8
-	QMT Spring Tensioner* - Silver (incl. 1 ea. Items 6, 7b, 8a, 9, & 10)	QMT-S	79039	20.3

*Hardware included
Note: All poles and tensioners are heavy-duty style.
Parts for old style H cleaners – See p. 155
Lead time: 1 working day





Spring Tensioner Selection Chart

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

Product Ordering Information

H-Type® High-Temp Segmented Blade Precleaner with V-Tips

High-Temp with V-Tips*

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

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

Replacement Spring

ORDERING NUMBER	ITEM CODE	WT. LBS.
HTTS-HT	79068	1.0

Lead time: 1 working day

Replacement Suspension Arms

SIZE	ORDERING NUMBER	ITEM CODE	WT. LBS.
SS	HSA8SS	73047	2.0
S	HSA8S	73048	2.4
M	HSA8M	73049	2.9

Lead time: 1 working day

Replacement V-Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
HVT8-S/S	75419	1.0

Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48
mm	450	600	750	900	1050	1200
No. V-Tips Required	2	3	3	4	5	5

Suspension Arm Size

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

Product Notes:

- The High-Temp Precleaner works in ambient temperatures up to 400°F (204°C) with spikes to 450°F (232°C).
- V-Tips can be used ONLY on vulcanized belts.
- Cleaners come standard with stainless steel tip shields.
- For replacement parts see the old-style H-Type® Replacement Parts List (p. 155).
- Compatible with reversing belts.

Product Ordering Information

EZS2 Secondary Cleaner

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

Lead time: 1 working day

Replacement C-Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7

Lead time: 1 working day

Tips Required per Cleaner Size

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

Product Ordering Information

EZS2 High-Temp
Secondary Cleaner

High-Temp with C-Tips

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

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

Replacement C-Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7

Lead time: 1 working day

Replacement Cushion Kit

ORDERING NUMBER	ITEM CODE	WT. LBS.
HTSCK	76094	1.5

Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
No. C-Tips Required	3	4	5	6	7	8	9	10	12

Product Notes:

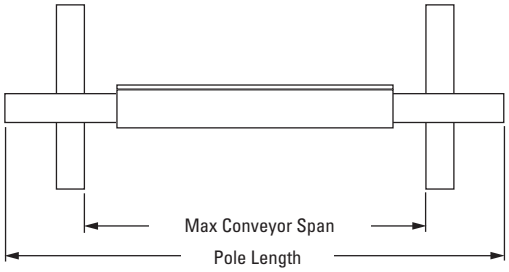
- The High-Temp Secondary works in ambient temperatures up to 400°F (204°C) with spikes to 450°F (232°C).
- Works with mechanical fasteners.

Specifications & Guidelines

Pole Length Specifications

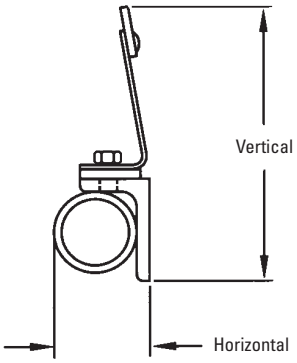
BELT WIDTH		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
18	450	18	450	52	1300	47	1175
24	600	24	600	58	1450	53	1325
30	750	30	750	64	1600	59	1475
36	900	36	900	70	1750	65	1625
42	1050	42	1050	76	1900	71	1775
48	1200	48	1200	82	2050	77	1925
54	1350	54	1350	88	2200	83	2075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

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



Clearance Guidelines for Installation

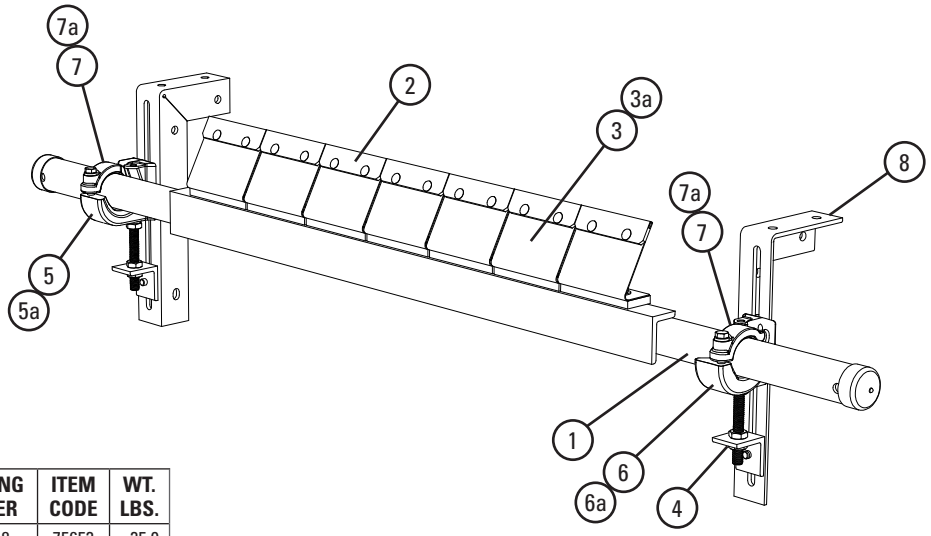
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
4	100	8 1/2 for 18–54"	213 for 450–1350 mm
		9 1/2 for 60–72"	238 for 1500–1800 mm



Specifications:

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

Replacement Parts List



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	EZS2P18	75652	25.0
	24" (600mm) Pole	EZS2P24	75653	28.0
	30" (750mm) Pole	EZS2P30	75654	30.0
	36" (900mm) Pole	EZS2P36	75655	34.0
	42" (1050mm) Pole	EZS2P42	75656	36.0
	48" (1200mm) Pole	EZS2P48	75657	39.0
	54" (1350mm) Pole	EZS2P54	75658	42.0
	60" (1500mm) Pole	EZS2P60	75659	77.0
	72" (1800mm) Pole	EZS2P72	75660	89.0
2	C-Tip Kit* (1 ea.)	ICT6	74535	0.7
3	FormFlex™ Cushion Kit* (incl. (1) cushion & (1) pad)	FFCK	75661	1.5
3a	High Temp Replacement Cushion Kit* (incl. (1) cushion & (1) pad)	HTSCK	76094	1.5
4	Adjusting Bracket Kit* (1 ea.)	PAB	75513	1.5
5	Pole Clamp Kit LEFT* (1 ea.) (incl. item 7)	CCKL	79224	6.8
5a	HD Pole Clamp Kit LEFT* (1 ea.) (incl. item 7a)	CCKHDL	79225	8.7
6	Pole Clamp Kit RIGHT* (1 ea.) (incl. item 7)	CCKR	79228	6.8
6a	HD Pole Clamp Kit RIGHT* (1 ea.) (incl. item 7a)	CCKHDR	79229	8.7
7	Cradle Clamp Top Strap (1 ea.) (for use on L or R Pole Clamp Kit)	CCKTS	79232	1.1
7a	HD Cradle Clamp Top Strap (1 ea.) (for use on L or R HD Pole Clamp Kit)	CCKHDTS	79233	1.7
8	Mounting Bracket Kit (1 Right & 1 Left)	EZS2MBK	75666	13.0
–	Cradle Clamp Mounting Kit* (incl. (2) ea. item 4 & (1) ea. items 5, 6 & 8)	CCMK	78919	33.0
–	HD Cradle Clamp Mounting Kit* (incl. (2) ea. item 4 & (1) ea. items 5a, 6a & 8)	CCMKHD	78920	36.7

*Hardware Included
Lead time: 1 working day

Mounting Kit Selection Chart

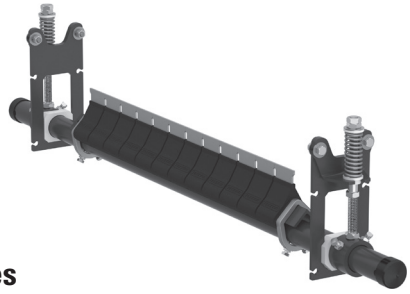
Cleaner Width	78919 CCMK	78920 CCMKHD
EZS2 18–54" (450–1350mm)	X	
EZS2 60–72" (1500–1800mm)		X

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
No. C-Tips Required	3	4	5	6	7	8	9	10	12

Product Ordering Information

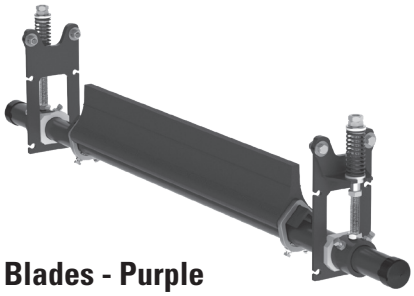
Y-Type™
Standard-Duty Secondary Cleaner with Carbide/Polyurethane Blades and YST Tensioner



With Carbide Blades

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	YT-TC-18S	79759	55.0
24	600	YT-TC-24S	79760	60.0
30	750	YT-TC-30S	79761	65.0
36	900	YT-TC-36S	79762	70.0
42	1050	YT-TC-42S	79763	76.0
48	1200	YT-TC-48S	79764	82.0

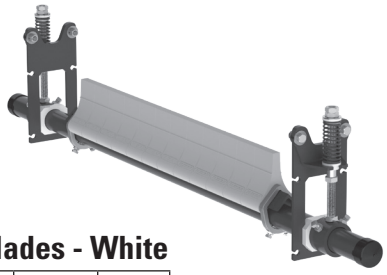
Lead time: 1 working day



With Polyurethane Blades - Purple

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	YT-18S	79765	59.0
24	600	YT-24S	79766	65.0
30	750	YT-30S	79767	71.0
36	900	YT-36S	79768	77.0
42	1050	YT-42S	79769	83.0
48	1200	YT-48S	79770	89.0

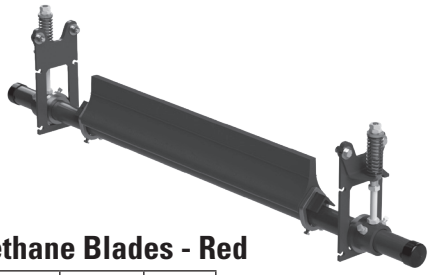
Lead time: 1 working day



With Polyurethane Blades - White

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	YTW-18S	79771	59.0
24	600	YTW-24S	79772	65.0
30	750	YTW-30S	79773	71.0
36	900	YTW-36S	79774	77.0
42	1050	YTW-42S	79775	83.0
48	1200	YTW-48S	79776	89.0

Lead time: 1 working day



With UHT Polyurethane Blades - Red

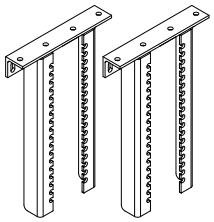
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	YTR-18S	91798	59.0
24	600	YTR-24S	91799	65.0
30	750	YTR-30S	91800	71.0
36	900	YTR-36S	91801	77.0
42	1050	YTR-42S	91802	83.0
48	1200	YTR-48S	91803	89.0

Lead time: 1 working day

Optional YST Drop Brackets (2)

ORDERING NUMBER	ITEM CODE	WT. LBS.
YSTDBK2	113390	32.0

Lead time: 1 working day



YST Standard Duty Drop Brackets

Product Notes:

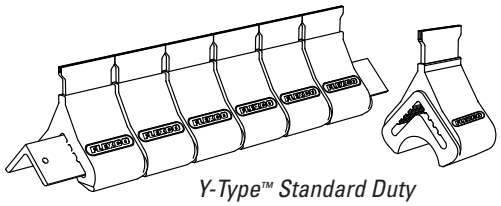
- Works on reversing belts, vulcanized belts, and belts with mechanical fasteners.
- Pole Length: Belt width plus 30" (750 mm). For longer requirements, see Installation Accessories – Pole Extender Kit (p. 145).
- Visual Blade Tension Check: Measure the tension spring and refer to Spring Length Chart 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. The tensioner can be mounted in pull-up or push-up position.
- To make cleaner installation easier and quicker, see Optional Mounting Kits on replacement parts page or p. 145.
- 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

Standard Carbide Blades

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
-	-	YT-C*	79574	1.1
18	450	YCART-18/450-TC	79811	12.6
24	600	YCART-24/600-TC	79812	16.5
30	750	YCART-30/750-TC	79813	20.4
36	900	YCART-36/900-TC	79814	24.2
42	1050	YCART-42/1050-TC	79815	28.1
48	1200	YCART-48/1200-TC	79816	31.9

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

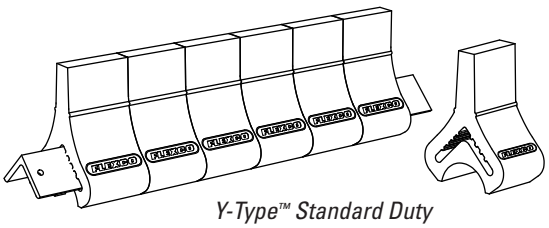


Y-Type™ Standard Duty Carbide Blade Cartridge

Standard Polyurethane Blades - Purple

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
-	-	YT-P*	79573	1.2
18	450	YCART-18/450-P	79617	13.1
24	600	YCART-24/600-P	79618	17.1
30	750	YCART-30/750-P	79619	21.1
36	900	YCART-36/900-P	79620	25.1
42	1050	YCART-42/1050-P	79621	29.1
48	1200	YCART-48/1200-P	79622	33.1

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



Y-Type™ Standard Duty Polyurethane Blade Cartridge

Polyurethane Blades - White†

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
-	-	YT-W*	79572	1.2
18	450	YCART-18/450-W	79611	13.1
24	600	YCART-24/600-W	79612	17.1
30	750	YCART-30/750-W	79613	21.1
36	900	YCART-36/900-W	79614	25.1
42	1050	YCART-42/1050-W	79615	29.1
48	1200	YCART-48/1200-W	79616	33.1

*Single 3" (75 mm) blade segment
†White blades are chemical resistant, and all ingredients used in Polyurethane formulation comply with the relevant requirements of 21 CFR (FDA Code of Federal Regulations) for use in repeated bulk dry food applications.
Lead time: 1 working day

UHT Polyurethane Blades - Red

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
-	-	YT-R*	91804	1.2
18	450	YCART-18/450-R	91805	13.1
24	600	YCART-24/600-R	91806	17.1
30	750	YCART-30/750-R	91807	21.1
36	900	YCART-36/900-R	91808	25.1
42	1050	YCART-42/1050-R	91809	29.1
48	1200	YCART-48/1200-R	91810	33.1

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

Blades Required per Cleaner Size

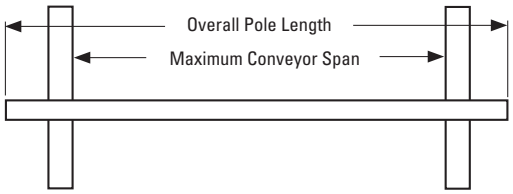
in.	18	24	30	36	42	48
mm	450	600	750	900	1050	1200
No. Required	6	8	10	12	14	16

Specifications & Guidelines

Pole Length Specifications

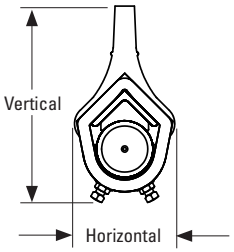
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
18	450	48	1200	40	1025
24	600	54	1350	46	1175
30	750	60	1500	52	1325
36	900	66	1650	58	1475
42	1050	72	1800	64	1625
48	1200	78	1950	70	1775

Pole Length – Belt +30" (750 mm)
Pole Diameter – 2-3/8" (60 mm)



Clearance Guidelines for Installation

CLEANER TYPE	BELT WIDTH/ CLEANER SIZE		HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	in.	mm	in.	mm	in.	mm
Y-Type® Polyurethane	18–48	450–1200	4-1/4	110	8-1/4	210
Y-Type® Carbide	18–48	450–1200	4-1/4	110	7-3/4	184



Blade Specifications

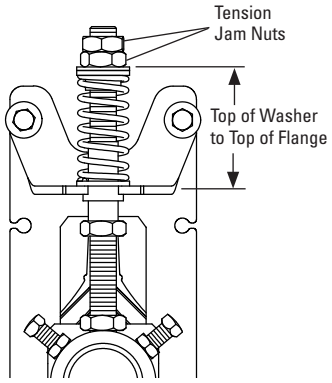
CUSHION	DUROMETER	TEMPERATURE RANGE
Purple (Standard)	83A	-30 to 180°F -35 to 82°C
White (Food Grade) ‡	83A	-30 to 180°F -35 to 82°C
Red (Ultra High-Temp)	93A	Up to 400°F (200°C) Spikes to 450°F (232°C)
Carbide	83A	-30 to 180°F -35 to 82°C

‡ 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

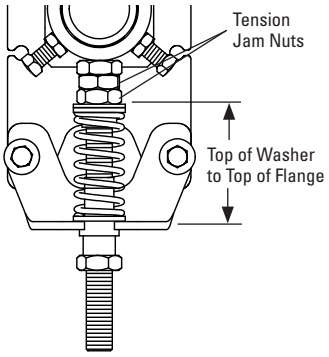
YST Spring Length Chart

Blade Width		Carbide Tip		Purple or White Polyurethane Tip				Red UHT Polyurethane Tip			
		Silver Springs		Yellow Springs		Purple Springs		Yellow Springs		Purple Springs	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
18	450	4 1/8	105	3 1/4	83	3 5/8	92	3 1/8	79	3 5/8	92
24	600	4	102	2 7/8	73	3 3/8	86	2 3/4	70	3 3/8	86
30	750	3 7/8	98	2 5/8	67	3 1/8	79	2 1/2	64	3 1/8	79
36	900	3 3/4	95	2 1/4	57	2 7/8	73	2 1/4	57	2 7/8	73
42	1050	3 5/8	92	NA	NA	2 5/8	67	NA	NA	2 5/8	67
48	1200	3 1/2	89	NA	NA	2 3/8	60	NA	NA	2 3/8	60

Shading indicates preferred spring option.



Pull-Up Tensioner Configuration (SD)



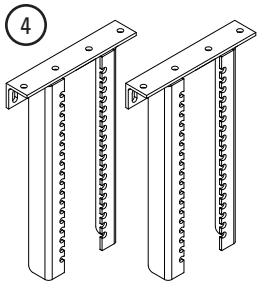
Push-Up Tensioner Configuration (SD)

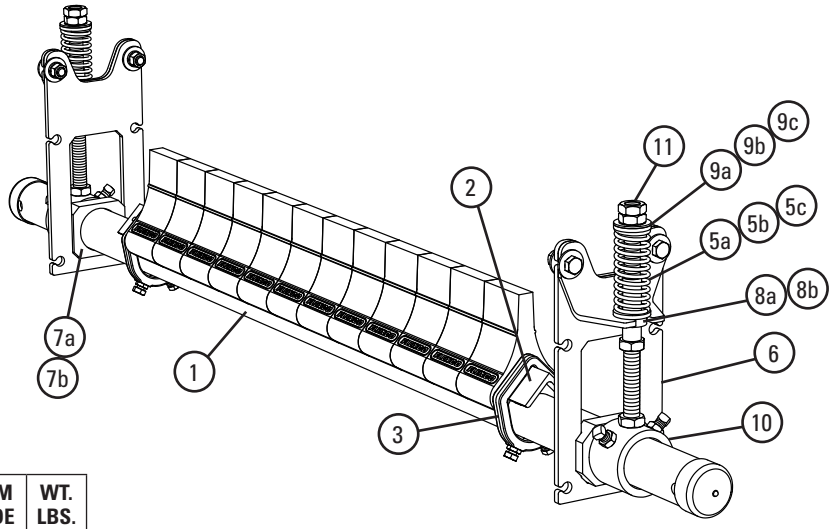
Specifications:

- Maximum Belt Speed .....600 FPM (3 m/s)
- Usable Blade Wear Length.....2" (50 mm) (Polyurethane)
  1/4" (6 mm) (Carbide)
- Blade Materials .....Purple: Polyurethane (proprietary blend for abrasion resistance and long wear)
  White: Polyurethane (chemical resistant/food grade)
  Red: Polyurethane (ultra high-temp)
  Carbide: Tungsten Carbide
- Available for Belt Widths .....18 to 48" (450 to 1200 mm). Other sizes available upon request.
- CEMA Cleaner Rating .....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

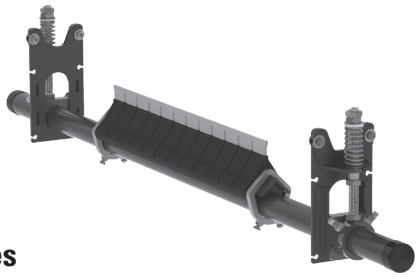
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	YTP-18/450	79587	20.2
	24" (600mm) Pole	YTP-24/600	79588	22.7
	30" (750mm) Pole	YTP-30/750	79589	25.2
	36" (900mm) Pole	YTP-36/900	79590	27.7
	42" (1050mm) Pole	YTP-42/1050	79591	30.2
	48" (1200mm) Pole	YTP-48/1200	79592	32.7
2	18" (450mm) Cushion Angle	YTA-18/450	79593	5.7
	24" (600mm) Cushion Angle	YTA-24/600	79594	7.3
	30" (750mm) Cushion Angle	YTA-30/750	79595	8.9
	36" (900mm) Cushion Angle	YTA-36/900	79596	10.4
	42" (1050mm) Cushion Angle	YTA-42/1050	79597	12.0
	48" (1200mm) Cushion Angle	YTA-48/1200	79598	13.6
3	Y-Type Angle Clamp* (2 ea.)	YTAC	79623	2.2
4	YST Drop Bracket Kit (2 ea.)	YSTDBK2	113390	32.0
5a	YST Spring - Yellow	YSTS-Y	79795	0.3
5b	YST Spring - Purple	YSTS-P	79796	0.4
5c	YST Spring - Silver (Carbide Cleaners)	CTS-S	77743	0.5
6	YST Mounting Bracket (incl. Angle Bracket)	YSTMB	79843	3.3
7a	YST Guide Block Kit (Pair)	YSTGBK	79845	0.4
7b	YST Guide Block Kit - UHT (Pair)	YSTGBK-R	91811	0.4
8a	YST Lower Bushing Kit (Pair)	YSTLBK	79846	0.1
8b	YST Lower Bushing Kit - UHT (Pair)	YSTLBK-R	91812	0.1
9a	YST Top Bushing Kit - White (Pair)	YSTTBK-W	79847	0.1
9b	YST Top Bushing Kit - Black (Pair)	YSTTBK-B	79855	0.1
9c	YST Top Bushing Kit - UHT (Pair)	YSTBKPU-R	91813	0.1
10	YST Pole Mount Kit*	YSTPMK	79848	4.3
11	YST Adjusting Rod Nut Kit	YSTANK	79857	0.2
-	YST Spring Tensioner - Yellow (Pair) (incl. (2) ea. items 5a, 6, 10, 11; (1) ea. items 7a, 8a, 9a)	YST-Y	79836	18.2
-	YST Spring Tensioner - Purple (Pair) (incl. (2) ea. items 5b, 6, 10, 11; (1) ea. items 7a, 8a, 9a)	YST-P	79837	18.5
-	YST Spring Tensioner - Silver (Pair) (incl. (2) ea. items 5c, 6, 10, 11; (1) ea. items 7a, 8a, 9b)	YST-S	79838	18.8
-	UHT YST Spring Tensioner - Yellow (Pair) (incl. (2) ea. items 5a, 6, 10, 11; (1) ea. items 7b, 8b, 9c)	YST-Y-R	91814	18.2
-	UHT YST Spring Tensioner - Purple (Pair) (incl. (2) ea. items 5b, 6, 10, 11; (1) ea. items 7b, 8b, 9c)	YST-P-R	91815	18.5

*Hardware included
Lead time: 1 working day

Spring Tensioner Selection Chart

CLEANER BLADE WIDTH	79838 YST-S	79836 YST-Y	79837 YST-P	91814 YST-Y-R	91815 YST-P-R
Carbide 18–48" (450–1200mm)	X				
Polyurethane 18–30" (450–750mm)		X			
Polyurethane 36–48" (900–1200mm)			X		
Red Polyurethane 18–30" (450–750mm)				X	
Red Polyurethane 36–48" (900–1200mm)					X

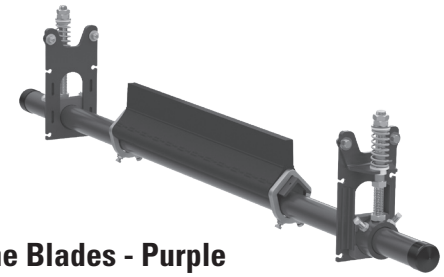
Product Ordering Information



With Carbide Blades

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
36	900	YTHD-TC-36S	79777	130.0
42	1050	YTHD-TC-42S	79778	142.4
48	1200	YTHD-TC-48S	79779	151.9
54	1350	YTHD-TC-54S	79780	161.5
60	1500	YTHD-TC-60S	79781	171.0
72	1800	YTHD-TC-72S	79782	190.1

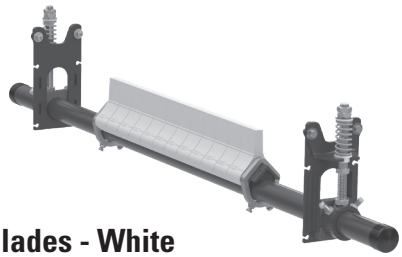
Lead time: 1 working day



With Polyurethane Blades - Purple

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
36	900	YTHD-36S	79783	131.0
42	1050	YTHD-42S	79784	140.3
48	1200	YTHD-48S	79785	149.5
54	1350	YTHD-54S	79786	158.8
60	1500	YTHD-60S	79787	168.0
72	1800	YTHD-72S	79788	186.5

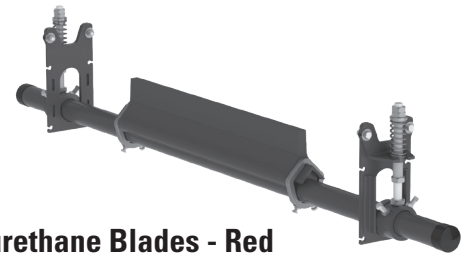
Lead time: 1 working day



With Polyurethane Blades - White

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
36	900	YTHDW-36S	79789	131.0
42	1050	YTHDW-42S	79790	140.3
48	1200	YTHDW-48S	79791	149.5
54	1350	YTHDW-54S	79792	158.8
60	1500	YTHDW-60S	79793	168.0
72	1800	YTHDW-72S	79794	186.5

Lead time: 1 working day



With UHT Polyurethane Blades - Red

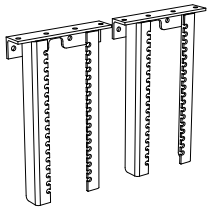
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
36	900	YTHDR-36S	91816	131.0
42	1050	YTHDR-42S	91817	140.3
48	1200	YTHDR-48S	91818	149.5
54	1350	YTHDR-54S	91819	158.8
60	1500	YTHDR-60S	91820	168.0
72	1800	YTHDR-72S	91821	186.5

Lead time: 1 working day

Optional YST HD Drop Brackets (2)

ORDERING NUMBER	ITEM CODE	WT. LBS.
YSTHDDBK	79850	32.1

Lead time: 1 working day



YST HD Drop Brackets

Product Notes:

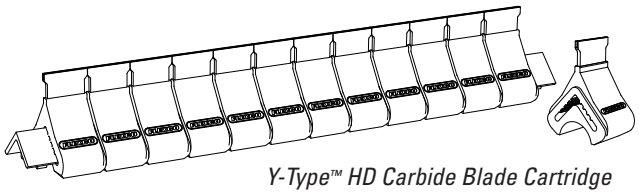
- Works on reversing belts, vulcanized belts, and belts with mechanical fasteners.
- Pole Length: Belt width plus 54" (1350 mm). For longer requirements, see Installation Accessories – Pole Extender Kit p. (145).
- Visual Blade Tension Check: Measure tension spring and refer to Spring Length Chart on mounting base for correct length for best cleaning performance.
- Tensioner: Standard Duty YST Spring Tensioner for self-adjusting tensioning with easy retensioning adjustments. The tensioner can be mounted in pull-up or push-up position.
- To make cleaner installation easier and quicker, see Optional Mounting Kits on replacement parts page or p. 145.
- 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

HD Carbide Blades

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
-	-	YT-HDC*	79728	1.8
36	900	YCART-36/900-HDTC	79829	38.4
42	1050	YCART-42/1050-HDTC	79830	44.5
48	1200	YCART-48/1200-HDTC	79831	50.6
54	1350	YCART-54/1350-HDTC	79832	56.8
60	1500	YCART-60/1500-HDTC	79833	62.9
72	1800	YCART-72/1800-HDTC	79834	75.2

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

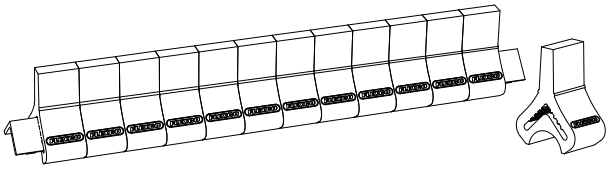


Y-Type™ HD Carbide Blade Cartridge

HD Polyurethane Blades - Purple

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
-	-	YT-HDP*	79677	1.7
36	900	YCART-36/900-HDP	79817	36.5
42	1050	YCART-42/1050-HDP	79818	42.3
48	1200	YCART-48/1200-HDP	79819	48.1
54	1350	YCART-54/1350-HDP	79820	53.9
60	1500	YCART-60/1500-HDP	79821	59.8
72	1800	YCART-72/1800-HDP	79822	71.4

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



Y-Type™ HD Polyurethane Blade Cartridge

HD Blades - White†

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
-	-	YT-HDW*	79676	1.7
36	900	YCART-36/900-HDW	79823	36.5
42	1050	YCART-42/1050-HDW	79824	42.3
48	1200	YCART-48/1200-HDW	79825	48.1
54	1350	YCART-54/1350-HDW	79826	53.9
60	1500	YCART-60/1500-HDW	79827	59.8
72	1800	YCART-72/1800-HDW	79828	71.4

*Single 3" (75mm) blade segment
†White blades are chemical resistant, and all ingredients used in Polyurethane formulation comply with the relevant requirements of 21 CFR (FDA Code of Federal Regulations) for use in repeated bulk dry food applications.
Lead time: 1 working day

HD UHT Polyurethane Blades - Red

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
-	-	YT-HDR*	91822	1.7
36	900	YCART-36/900-HDR	91823	36.5
42	1050	YCART-42/1050-HDR	91824	42.3
48	1200	YCART-48/1200-HDR	91825	48.1
54	1350	YCART-54/1350-HDR	91826	53.9
60	1500	YCART-60/1500-HDR	91827	59.8
72	1800	YCART-72/1800-HDR	91828	71.4

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

Blades Required per Cleaner Size

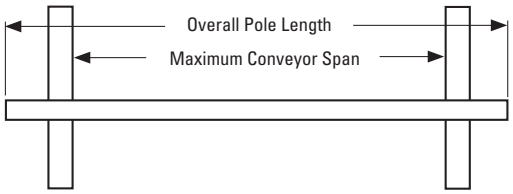
in.	36	42	48	54	60	72
mm	900	1050	1200	1350	1500	1800
No. Required	12	14	16	18	20	24

Specifications & Guidelines

Pole Length Specifications

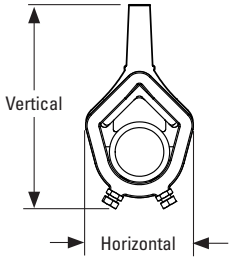
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
36	900	90	2286	82	2083
42	1050	96	2438	88	2235
48	1200	102	2590	94	2388
54	1350	108	2743	100	2540
60	1500	114	2895	106	2692
72	1800	126	3200	118	2997

Pole Length – Belt +54" (1350 mm)
Pole Diameter – 2-7/8" (73 mm)



Clearance Guidelines for Installation

CLEANER TYPE	BELT WIDTH/ CLEANER SIZE		HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
	in.	mm	in.	mm	in.	mm
Y-Type® HD Polyurethane	36–72	900–1800	5-1/4	133	9-1/2	241
Y-Type HD Carbide	36–72	900–1800	5-1/4	133	9-3/4	248



Blade Specifications

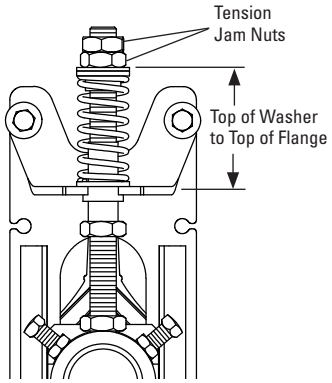
CUSHION	DUROMETER	TEMPERATURE RANGE
Purple (Standard)	83A	-30 to 180°F -35 to 82° C
White (Food Grade) ‡	83A	-30 to 180°F -35 to 82°C
Red (Ultra High-Temp)	93A	Up to 400°F (200°C) Spikes to 450°F (232°C)
Carbide	83A	-30 to 180°F -35 to 82°C

‡ 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

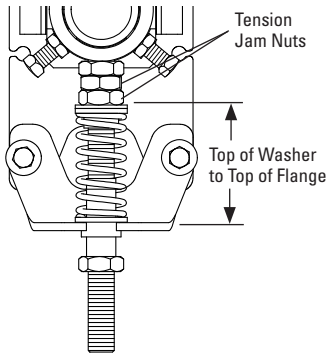
YST Spring Length Chart

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

Shading indicates preferred spring option.



Pull-Up Tensioner
Configuration (HD)



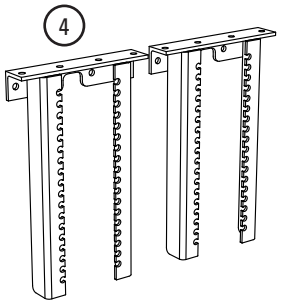
Push-Up Tensioner
Configuration (HD)

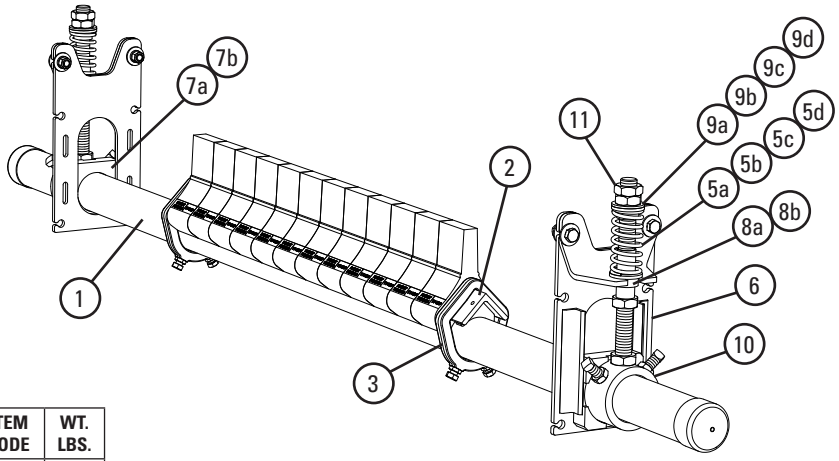
Specifications:

- Maximum Belt Speed .....750 FPM (3.8 m/s)
- Usable Blade Wear Length.....3" (76 mm) (Polyurethane)
  3/8" (10 mm) (Carbide)
- Blade Materials .....Purple: Polyurethane (proprietary blend for abrasion resistance and long wear)
  White: Polyurethane (chemical resistant/food grade)
  Red: Polyurethane (ultra high-temp)
  Carbide: Tungsten Carbide
- Available for Belt Widths .....36 to 72" (900 to 1800 mm). Other sizes available upon request.
- CEMA Cleaner Rating .....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. LBS.
1	36" (900mm) HD Pole	YTPHD-36/900	79799	60.0
	42" (1050mm) HD Pole	YTPHD-42/1050	79800	63.4
	48" (1200mm) HD Pole	YTPHD-48/1200	79801	66.8
	54" (1350mm) HD Pole	YTPHD-54/1350	79802	70.2
	60" (1500mm) HD Pole	YTPHD-60/1500	79803	73.6
	72" (1800mm) HD Pole	YTPHD-72/1800	79804	77.0
2	36" (900mm) HD Cushion Angle	YTAHD-36/900	79805	16.5
	42" (1050mm) HD Cushion Angle	YTAHD-42/1050	79806	18.9
	48" (1200mm) HD Cushion Angle	YTAHD-48/1200	79807	21.4
	54" (1350mm) HD Cushion Angle	YTAHD-54/1350	79808	23.9
	60" (1500mm) HD Cushion Angle	YTAHD-60/1500	79809	26.3
	72" (1800mm) HD Cushion Angle	YTAHD-72/1800	79810	31.3
3	Y-Type HD Angle Clamp* (2 ea.)	YTACHD	79835	4.8
4	YST HD Drop Bracket Kit (2 ea.)	YSTHDDBK	79850	32.1
5a	YST HD Spring - Green	YSTHDS-GR	79797	0.5
5b	SST Spring - Silver	STS-S	75843	0.8
5c	YST HD Spring - Blue (Carbide Cleaners)	YSTHDS-BL	79798	0.6
5d	SST Spring - Black (Carbide Cleaners)	STS-B	75844	1.1
6	YST HD Mounting Bracket (incl. Angle Bracket)	YSTHDMB	79849	6.7
7a	YST HD Guide Block Kit (Pair)	YSTHDGBK	79851	1.0
7b	YST HD Guide Block Kit - UHT (Pair)	YSTHDGBK-R	91829	1.0
8a	YST HD Lower Bushing Kit (Pair)	YSTHDLBK	79852	0.1
8b	YST HD Lower Bushing Kit - UHT (Pair)	YSTHDLBK-R	91830	0.1
9a	YST HD Top Bushing Kit - White (Pair)	YSTHDBK-W	79853	0.1
9b	YST HD Top Bushing Kit - Black (Pair)	YSTHDBK-B	79856	0.1
9c	YST HD Top Bushing Kit - Green (Pair)	YSTHDBK-GR-R	91832	0.1
9d	YST HD Top Bushing Kit - Blue (Pair)	YSTHDBK-BL-R	91831	0.1
10	YST HD Pole Mount Kit*	YSTPHDMK	79854	7.8
11	YST HD Adjusting Rod Nut Kit	YSTANKHD	79858	0.6
-	YST Spring Tensioner - Silver (Pair) (incl. (2) ea. items 5b, 6, 10, 11; (1) ea. items 7a, 8a, 9a)	YSTHD-S	79840	33.4
-	YST Spring Tensioner - Black (Pair) (incl. (2) ea. items 5d, 6, 10, 11; (1) ea. items 7a, 8a, 9b)	YSTHD-BK	79842	34.1
-	YST Spring Tensioner - Green (Pair) (incl. (2) ea. items 5a, 6, 10, 11; (1) ea. items 7a, 8a, 9a)	YSTHD-GR	79839	32.8
-	YST Spring Tensioner - Blue (Pair) (incl. (2) ea. items 5c, 6, 10, 11; (1) ea. items 7a, 8a, 9b)	YSTHD-BL	79841	33.1
-	UHT YST Spring Tensioner - Green (Pair) (incl. (2) ea. items 5a, 6, 10, 11; (1) ea. items 7b, 8b, 9c)	YSTHD-GR-R	91833	32.8
-	UHT YST Spring Tensioner - Blue (Pair) (incl. (2) ea. items 5c, 6, 10, 11; (1) ea. items 7b, 8b, 9d)	YSTHD-BL-R	91834	33.1

*Hardware included
Lead time: 1 working day

Spring Tensioner Selection Chart

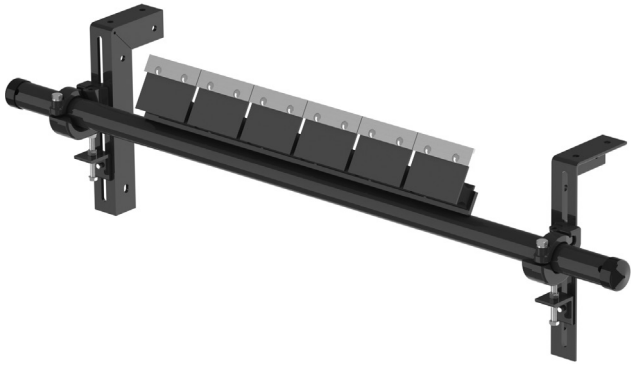
CLEANER BLADE WIDTH	79840 YSTHD-S	79842 YSTHD-BK	79839 YSTHD-GR	79841 YSTHD-BL	91833 YSTHD-GR-R	91834 YSTHD-BL-R
Carbide 36–54" (900–1350mm)	X					
Carbide 60–72" (1500–1800mm)		X				
Polyurethane 36–48" (900–1200mm)			X			
Polyurethane 54–72" (1350–1800mm)				X		
UHT 36–48" (900–1200mm)					X	
UHT 54–72" (1350–1800mm)						X

Product Ordering Information

With C-Tips*

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

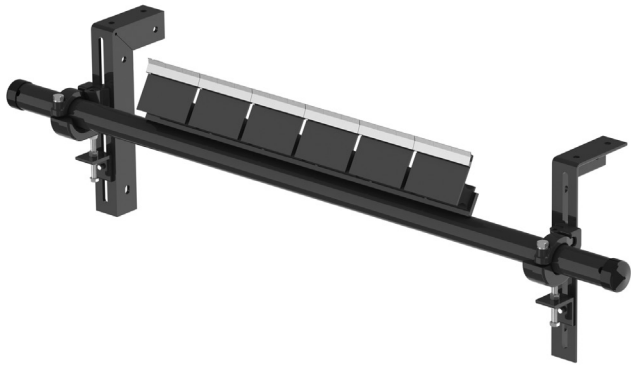
*NOTE: C-Tips can be used on mechanically spliced and vulcanized belts.
Lead time: 1 working day



With V-Tips*

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

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



Replacement Tips

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

Lead time: 1 working day

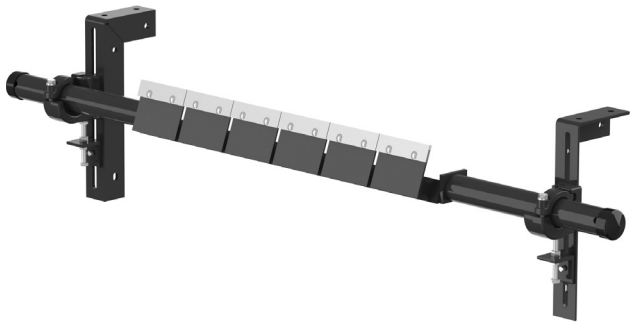
Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
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 70º angle to give quick relief for passing mechanical splices.

Product Ordering Information



With C-Tips*

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

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

Replacement C-Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7

Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54
mm	450	600	750	900	1050	1200	1350
No. C-Tips Required	3	4	5	6	7	8	9

Product Notes:

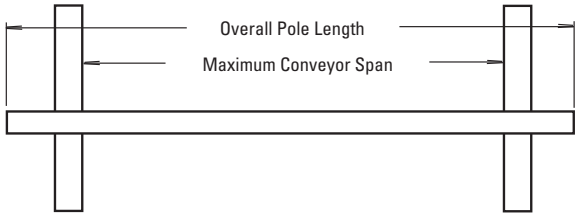
- LS = Limited Space. Requires only 5 1/2" (138 mm) of vertical clearance for installation.
- Not available in belt widths larger than 54" (1350 mm).

Specifications & Guidelines

Pole Length Specifications

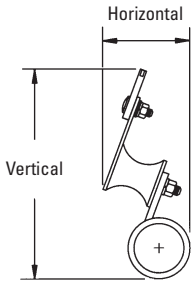
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
18	450	48	1200	43	1075
24	600	54	1350	49	1225
30	750	60	1500	55	1375
36	900	66	1650	61	1525
42	1050	72	1800	67	1675
48	1200	78	1950	73	1825
54	1350	88	2200	83	2075
60	1500	94	2350	89	2225
72	1800	106	2650	101	2525

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

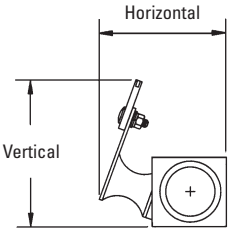


Clearance Guidelines for Installation

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



P-Type



P-Type LS

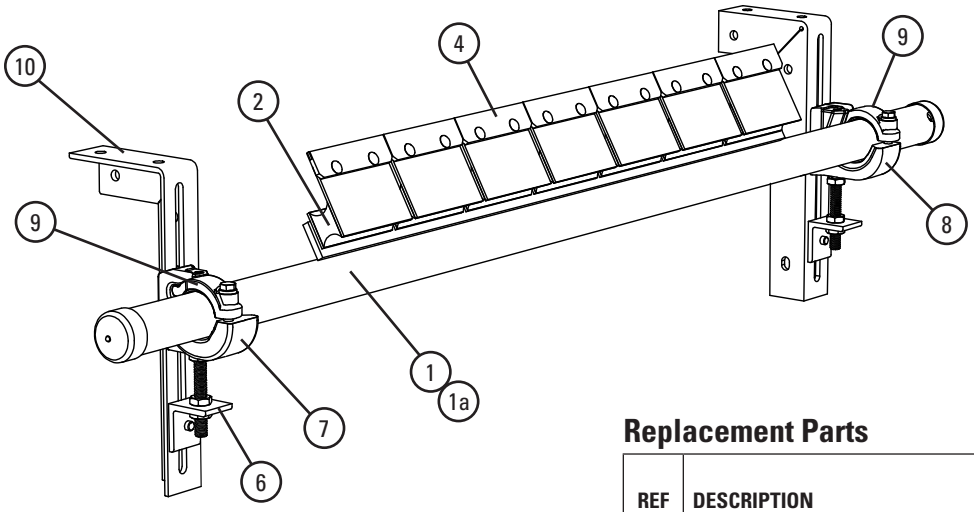
P-Type Cushion Specifications

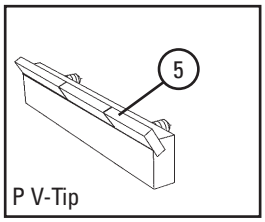
CUSHION	DUROMETER	TEMPERATURE RANGE
Standard	55A	-30 to 180°F (-35 to 82° C)

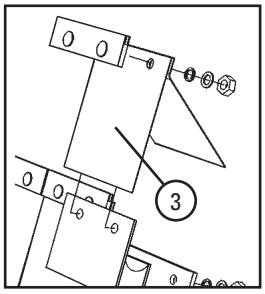
Specifications:

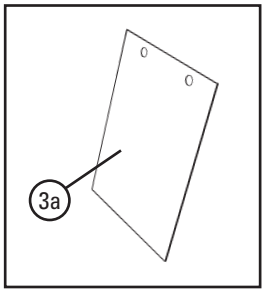
- Maximum Belt Speed .....1000 FPM (5 m/s)
- Temperature Rating .....-30 to 180°F (-35 to 82°C)
- Usable Blade Wear Length.....3/8" (9 mm)
- Blade Materials .....C-Tip: Impact Resistant Tungsten Carbide (works with mechanical fasteners)
  V-Tip: Long Life Tungsten Carbide (works on vulcanized belts only)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

Replacement Parts List









Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	PP-18	78414	22.5
	24" (600mm) Pole	PP-24	78416	26.0
	30" (750mm) Pole	PP-30	78418	32.3
	36" (900mm) Pole	PP-36	78420	33.0
	42" (1050mm) Pole	PP-42	78422	43.0
	48" (1200mm) Pole	PP-48	78424	47.5
	54" (1350mm) Pole	PP-54	78425	55.0
	60" (1500mm) Pole	PP-60	78451	58.0
	72" (1800mm) Pole	PP72	73017	64.0
1a	18" (450mm) LS Pole	PLSP18	75595	32.3
	24" (600mm) LS Pole	PLSP24	75596	36.0
	30" (750mm) LS Pole	PLSP30	75597	38.7
	36" (900mm) LS Pole	PLSP36	75598	42.4
	42" (1050mm) LS Pole	PLSP42	75599	46.1
	48" (1200mm) LS Pole	PLSP48	75600	49.8
	54" (1350mm) LS Pole	PLSP54	75601	53.5
2	P2 C-Tip Cushion*	PHA	73626	2.0
3	P Polyshield	PPS6	73024	0.5
3a	P SS Shield	PSSS	74773	0.5
4	C-Tip* Kit (1 ea.)	ICT6	74535	0.7
5	P V-Tip* (for vulcanized belts only)	PSA150	73156	1.0
6	Adjusting Bracket Kit* (1 ea.)	PAB	75513	1.5
7	Pole Clamp Kit - Left* (1 ea.) (incl. item 9)	CCKL	79224	6.8
8	Pole Clamp Kit - Right* (1 ea.) (incl. item 9)	CCKR	79228	6.8
9	Cradle Clamp Top Strap (1 ea.) (for use on left or right Pole Clamp Kit)	CCKTS	79232	1.1
10	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	13.0
-	Cradle Clamp Mounting Kit* (incl. (2) ea. item 6; (1) ea. items 7, 8 & 10)	CCMK	78919	33.0

*Hardware included
Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
No. C-Tips or V-Tips Required	3	4	5	6	7	8	9	10	12

Product Ordering Information

With C-Tips*

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

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

With V-Tips*

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

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

Replacement Tips

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

Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54
mm	450	600	750	900	1050	1200	1350
No. C-Tips or V-Tips Required	3	4	5	6	7	8	9

Product Notes:

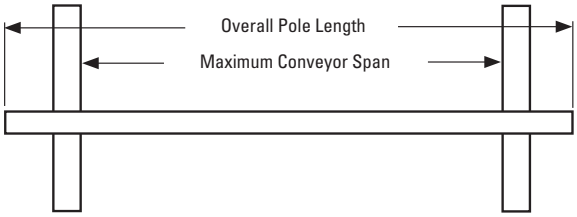
- Two-way cushions allow cleaning in both directions.
- Tungsten carbide tips for long wear and superior cleaning.

Specifications & Guidelines

Pole Length Specifications

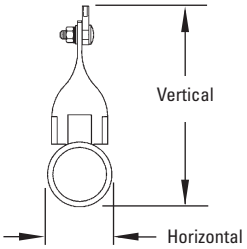
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
18	450	48	1200	43	1075
24	600	54	1350	49	1225
30	750	60	1500	55	1375
36	900	66	1650	61	1525
42	1050	72	1800	67	1675
48	1200	78	1950	73	1825
54	1350	88	2200	83	2075
60	1500	94	2350	89	2225
72	1800	106	2650	101	2525

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



Clearance Guidelines for Installation

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



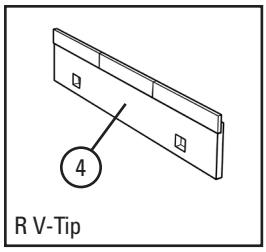
R-Type Cushion Specifications

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

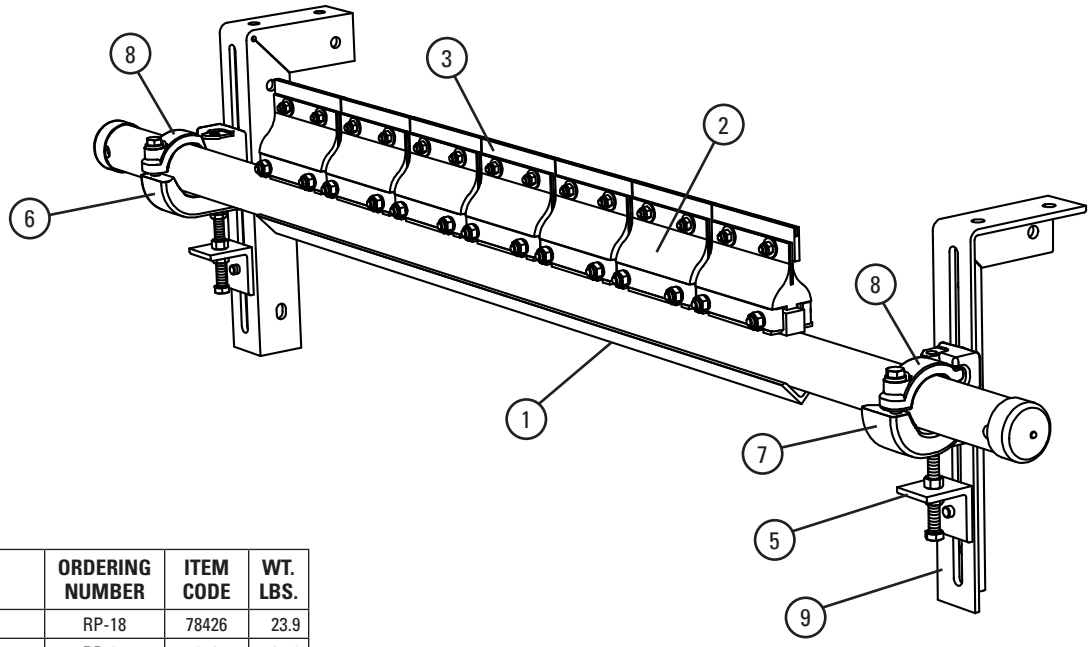
Specifications:

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

Replacement Parts List



R V-Tip



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	RP-18	78426	23.9
	24" (600mm) Pole	RP-24	78427	27.8
	30" (750mm) Pole	RP-30	78428	31.1
	36" (900mm) Pole	RP-36	78429	35.2
	42" (1050mm) Pole	RP-42	78430	45.6
	48" (1200mm) Pole	RP-48	78431	50.6
	54" (1350mm) Pole	RP-54	78432	56.6
	60" (1500mm) Pole	RP-60	78433	62.7
	72" (1800mm) Pole	RP-72	74612	71.4
2	R2 C-Tip Cushion*	RSA	76249	2.0
3	C-Tip Kit* (1 ea.)	ICT6	74535	0.7
4	R V-Tip* (for vulcanized belts only)	RSA150	73628	1.3
5	Adjusting Bracket Kit* (1 ea.)	PAB	75513	1.5
6	Pole Clamp Kit Left* (1 ea.) (incl. 1 item 8)	CCKL	79224	6.8
7	Pole Clamp Kit Right* (1 ea.) (incl. 1 item 8)	CCKR	79228	6.8
8	Pole Clamp Top Strap (1 ea.) (for use on left or right Pole Clamp Kit)	CCKTS	79232	1.1
9	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	13.0
-	Cradle Clamp Mounting Kit* (incl. (2) ea. item 5; (1) ea. items 6, 7 & 9)	CCMK	78919	33.0

*Hardware included
Lead time: 1 working day

Tips Required per Cleaner Size

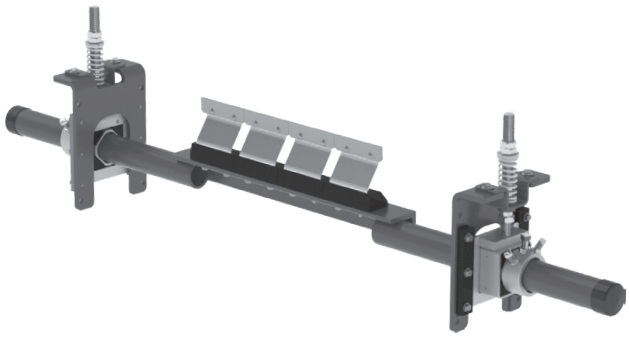
in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
No. C-Tips or V-Tips Required	3	4	5	6	7	8	9	10	12

Product Ordering Information

With C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	FMS-18-SSTXD	92185	98.7
24	600	FMS-24-SSTXD	92186	111.2
30	750	FMS-30-SSTXD	92187	123.6
36	900	FMS-36-SSTXD	92188	136.1
42	1050	FMS-42-SSTXD	92189	148.6
48	1200	FMS-48-SSTXD	92190	161.1
54	1350	FMS-54-SSTXD	92191	173.5
60	1500	FMS-60-SSTXD	92192	186.0
72	1800	FMS-72-SSTXD	92193	211.0

Lead time: 1 working day



With V-Tips

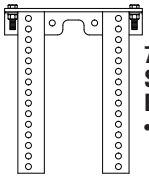
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	FMS-18V-SSTXD	92194	98.7
24	600	FMS-24V-SSTXD	92195	111.2
30	750	FMS-30V-SSTXD	92196	123.6
36	900	FMS-36V-SSTXD	92197	136.1
42	1050	FMS-42V-SSTXD	92198	148.6
48	1200	FMS-48V-SSTXD	92199	161.1
54	1350	FMS-54V-SSTXD	92200	173.5
60	1500	FMS-60V-SSTXD	92201	186.0
72	1800	FMS-72V-SSTXD	92202	211.0

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

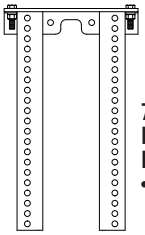
Optional SST Drop Brackets (2)

ORDERING NUMBER	ITEM CODE	WT. LBS.
SSTSMB	76071	34.3
SSTLMB	76072	43.5

Lead time: 1 working day



76071
Standard Mounting Bracket Kit
- For most secondary cleaner installs.



76072
Long Mounting Bracket Kit
- For installations that require extra length legs

Replacement Tips

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

Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
No. C-Tips or V-Tips Required	3	4	5	6	7	8	9	10	12

Product Notes:

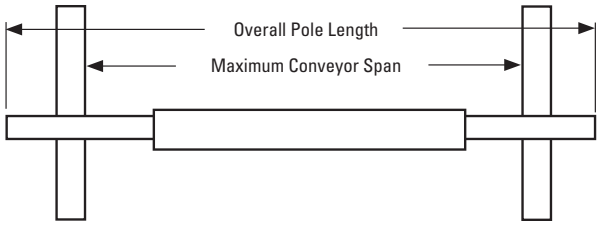
- Recommended for medium-duty conveyor applications.
- Pole Length: Belt width plus 54" (1350 mm). For longer requirements, see Mineline Installation Accessories – Pole Extender Kit (145).
- Cushion is designed to maintain continuous blade-to-belt contact and quick relief from passing mechanical splices.
- 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.
- To make cleaner installation easier and quicker, see Optional Drop Brackets above.

Specifications & Guidelines

Pole Length Specifications*

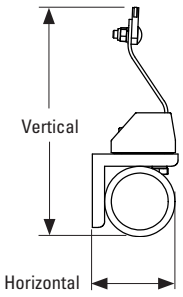
CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
18	450	18	450	72	1800	62	1550
24	600	24	600	78	1950	68	1700
30	750	30	750	84	2100	74	1850
36	900	36	900	90	2250	80	2000
42	1050	42	1050	96	2400	86	2150
48	1200	48	1200	102	2550	92	2300
54	1350	54	1350	108	2700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

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750 mm) of extended pole length. See Page 157. Pole Diameter - 2-7/8" (73 mm)



Clearance Guidelines for Installation

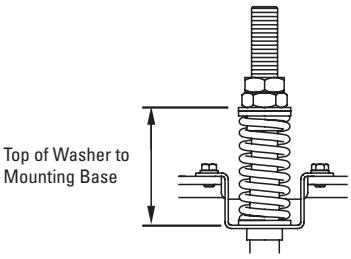
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
3-1/2	89	10	245



SST XD Spring Length Chart

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

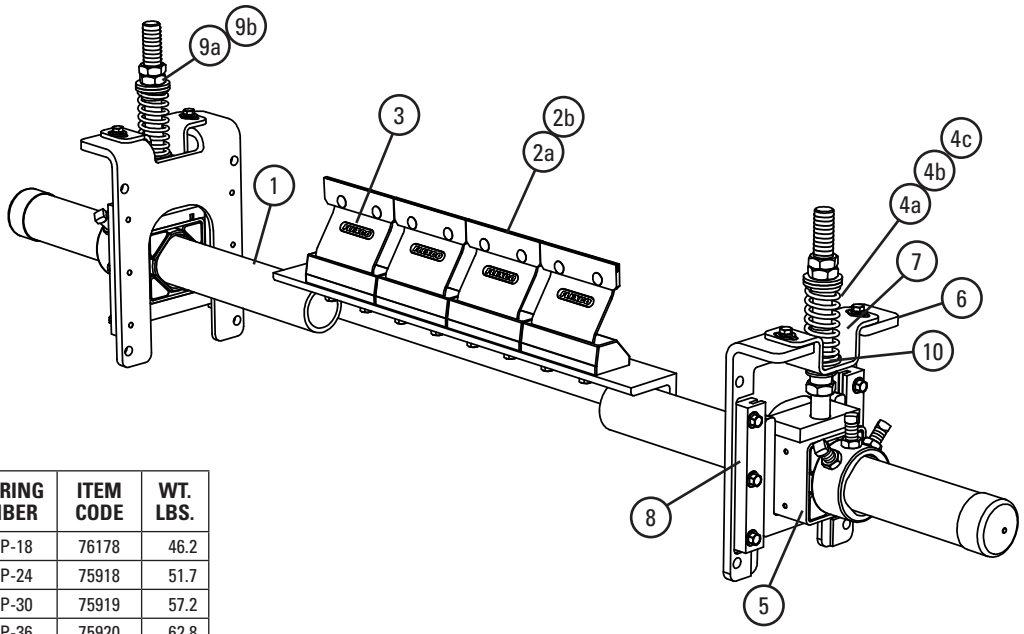
Shading indicates preferred spring option.



Specifications:

- Maximum Belt Speed .....1000 FPM (5 m/s)
- Temperature Rating .....-30 to 300°F (-35 to 148°C)
- Usable Blade Wear Length.....3/8" (9 mm)
- 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 .....8 to 72" (450 to 1800 mm). Other sizes available upon request.
- CEMA Cleaner Rating .....Class 4

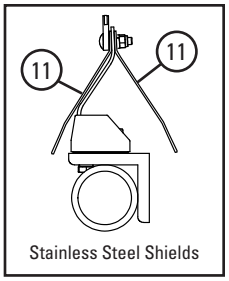
Replacement Parts List



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	MHSP-18	76178	46.2
	24" (600mm) Pole	MHSP-24	75918	51.7
	30" (750mm) Pole	MHSP-30	75919	57.2
	36" (900mm) Pole	MHSP-36	75920	62.8
	42" (1050mm) Pole	MHSP-42	75921	68.3
	48" (1200mm) Pole	MHSP-48	75922	73.9
	54" (1350mm) Pole	MHSP-54	75923	79.4
	60" (1500mm) Pole	MHSP-60	75924	85.0
	72" (1800mm) Pole	MHSP-72	75925	96.1
2	C-Tip*	ICT6	74535	0.7
2a	V-Tip* (for vulcanized belts only)	RSA150	73628	1.3
3	FMS Cushion Kit*	FMSC	79699	4.2
4a	Tension Spring - White (1 ea.) for belts 18–30" (450–750mm)	STS-W	75846	0.5
4b	Tension Spring - Silver (1 ea.) for belts 36–48" (900–1200mm)	STS-S	75843	0.8
4c	Tension Spring - Black (1 ea.) for belts 54–84" (1350–2100mm)	STS-B	75844	1.0
5	HD Torsion Pole Mount* (1 ea.) (incl. HD adjusting rod, nuts & sleeve) (See 9 & 9a for bushings)	SSTHDPM	77868	15.0
6	SST XD Mounting Base Kit* (incl. 1 mounting base, 2 slide guides, top hat bracket & bottom bushing)	SSTXDMK	91412	10.2
7	SST Hat Bracket (Pair)	SSTHB	79582	3
8	Slide Guide Kit* (incl. 2 slide guides)	STGK2	77867	1.1
9a	SST Bushing Kit - White/Silver (incl. 2 bushings)	SSTBK-W	76636	0.1
9b	SST Bushing Kit - Black (incl. 2 bushings)	SSTBK-B	76637	0.1
10	SST Lower Bushing Kit (Pair)	SSTLBK	79493	0.2
11	P Stainless Steel Shield	PSSS	74773	0.5
–	SST XD Spring Tensioner* - White (incl. 2 ea. items 4a, 5, 6, & 9a)	SSTXD-W	91408	60.6
–	SST XD Spring Tensioner* - Silver (incl. 2 ea. items 4b, 5, 6, & 9a)	SSTXD-S	91409	61.4
–	SST XD Spring Tensioner* - Black (incl. 2 ea. items 4c, 5, 6, & 9b)	SSTXD-B	91410	62.0

*Hardware Included
Lead time: 1 working day



Stainless Steel Shields

Spring Tensioner Selection Chart

CLEANER SIZE	91408 SSTXD-W	91409 SSTXD-S	91410 SSTXD-B
FMS 18–30" (450–750mm)	X		
FMS 36–48" (900–1200mm)		X	
FMS 54–72" (1350–1800mm)			X

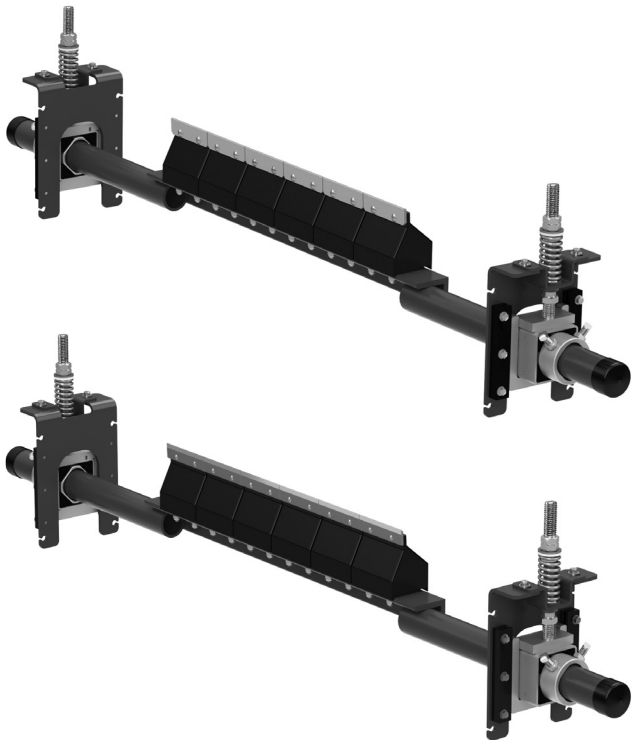
Product Ordering Information

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

With C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHS-24RU	79738	125.8
30	750	MHS-30RU	79739	131.0
36	900	MHS-36RU	79740	141.8
42	1050	MHS-42RU	79741	152.5
48	1200	MHS-48RU	79742	163.3
54	1350	MHS-54RU	79743	174.0
60	1500	MHS-60RU	79744	184.8
72	1800	MHS-72RU	79745	211.9
84	2100	MHS-84RU	79746	247.2
96	2400	MHS-96RU	79747	282.5

Lead time: 1 working day



With V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	MHS-18RUV	79748	120.6
24	600	MHS-24RUV	79749	125.8
30	750	MHS-30RUV	79750	131.0
36	900	MHS-36RUV	79751	141.8
42	1050	MHS-42RUV	79752	152.5
48	1200	MHS-48RUV	79753	163.3
54	1350	MHS-54RUV	79754	174.0
60	1500	MHS-60RUV	79755	184.8
72	1800	MHS-72RUV	79756	211.9
84	2100	MHS-84RUV	79757	247.3
96	2400	MHS-96RUV	79758	282.7

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

Replacement Tips

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

Lead time: 1 working day

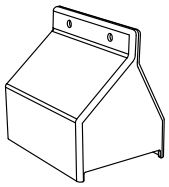
Replacement Cushion Shield

ORDERING NUMBER	ITEM CODE	WT. LBS.
UPFCC	79320	0.3

Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72	84	96
mm	450	600	750	900	1050	1200	1350	1500	1800	2100	2400
No. C-Tips or V-Tips Required	3	4	5	6	7	8	9	10	12	14	16



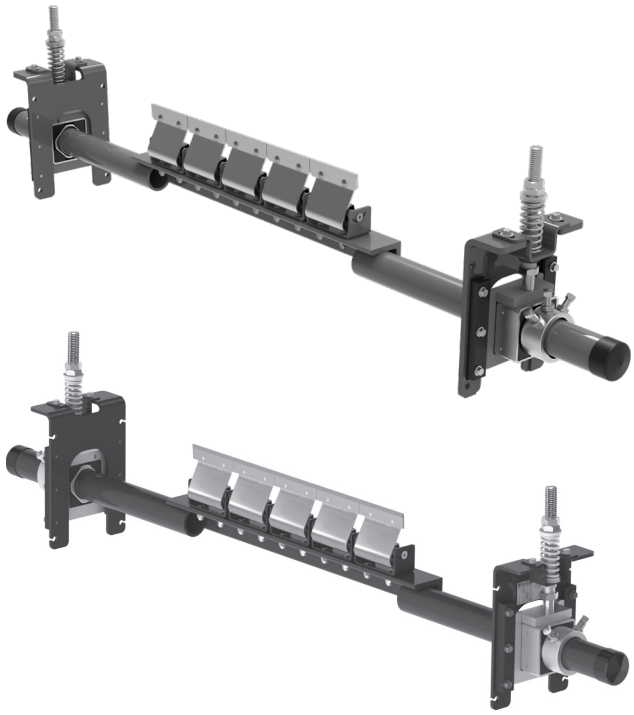
Polyurethane Cushion Shield

Product Notes:

- Heavy-duty design to deliver maximum cleaning efficiency on the most demanding, abusive beltlines.
- Pole Length: Belt width plus 54" (1350 mm). For longer requirements, see Mineline Installation Accessories – Pole Extender Kit (p. 145).
- 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 (p. 145).

Product Ordering Information

MHS
Heavy-Duty Secondary Cleaner with SST XD Tensioners



With C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHS-24	75910	124.6
30	750	MHS-30	75911	129.5
36	900	MHS-36	75912	140.0
42	1050	MHS-42	75913	150.4
48	1200	MHS-48	75914	160.9
54	1350	MHS-54	75915	171.3
60	1500	MHS-60	75916	181.8
72	1800	MHS-72	75917	208.3
84	2100	MHS-84	76803	243.0
96	2400	MHS-96	79043	277.7

Lead time: 1 working day

With V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	MHS-18V	76169	119.7
24	600	MHS-24V	76170	124.6
30	750	MHS-30V	76171	129.5
36	900	MHS-36V	76172	140.0
42	1050	MHS-42V	76173	150.4
48	1200	MHS-48V	76174	160.9
54	1350	MHS-54V	76175	171.3
60	1500	MHS-60V	76176	181.8
72	1800	MHS-72V	76177	208.3
84	2100	MHS-84V	76804	243.1
96	2400	MHS-96V	79044	277.9

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

Optional Mounting Kits

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Standard Mounting Bracket Kit *	SSTSMB	76071	34.3
Long Mounting Bracket Kit *	SSTLMB	76072	43.5
Optional Top Angle Kit *	SSTOTA	76073	10.5

*Hardware Included
Lead time: 1 working day

Replacement Tips

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

Lead time: 1 working day

Tips Required per Cleaner Size

in.	18	24	30	36	42	48	54	60	72	84	96
mm	450	600	750	900	1050	1200	1350	1500	1800	2100	2400
No. 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 54" (1350 mm). For longer requirements, see Mineline Installation Accessories – Pole Extender Kit (p. 145).
- 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 (p. 145).

Product Ordering Information

SST XD Tensioner with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHS-24R	76613	128.2
30	750	MHS-30R	76614	134.0
36	900	MHS-36R	76615	145.4
42	1050	MHS-42R	76616	156.7
48	1200	MHS-48R	76617	168.1
54	1350	MHS-54R	76618	179.4
60	1500	MHS-60R	76619	190.8
72	1800	MHS-72R	76620	219.1
84	2100	MHS-84R	76621	247.4
96	2400	MHS-96R	79045	275.7

Lead time: 1 working day

SST XD Tensioner with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	MHS-18RV	76646	122.4
24	600	MHS-24RV	76647	128.2
30	750	MHS-30RV	76648	134.0
36	900	MHS-36RV	76649	145.4
42	1050	MHS-42RV	76650	156.7
48	1200	MHS-48RV	76651	168.1
54	1350	MHS-54RV	76652	179.4
60	1500	MHS-60RV	76653	190.8
72	1800	MHS-72RV	76654	219.1
84	2100	MHS-84RV	76805	255.6
96	2400	MHS-96RV	79046	292.1

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

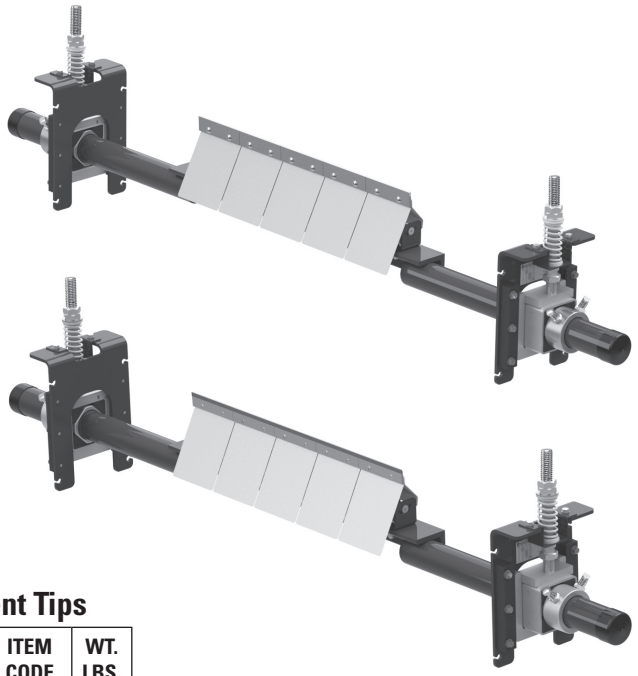
Product Notes:

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

MHS HD with SAT XD Tensioner*

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

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



Replacement Tips

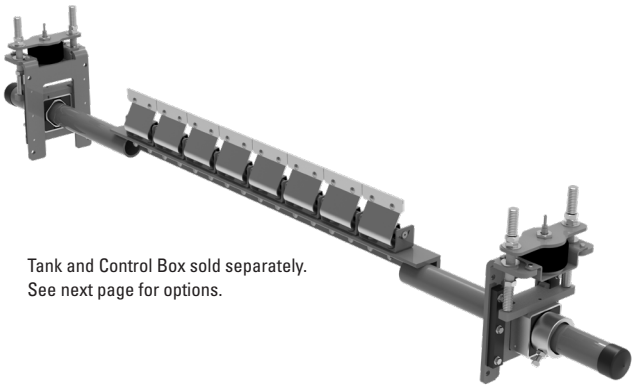
ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7
RSA150	73628	1.3

Lead time: 1 working day

Replacement Shields

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

Lead time: 1 working day



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

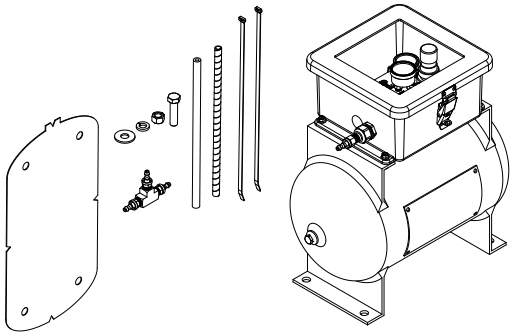
Product Notes:

- The SAT XD Tensioners automatically adjust the blades to the belt until the blades are worn out.
- Comes with 50' (15.2 m) of hose and 1' (300 mm) hose wrap.

Product Ordering Information

Control Box/Tank Combo Units for Closed System

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Control Box/Tank Combo Unit for Precleaner - 60 PSI	PAT-C-60	108230	64.0
Control Box/Tank Combo Unit for Secondary Cleaner - 100 PSI	PAT-C-100	108231	64.0

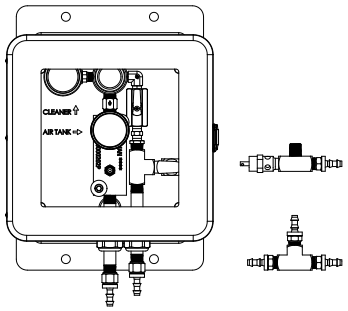


Product Notes:

- 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. LBS.
Control Box Kit for Precleaner - 60 PSI	PACB2-60	108228	13.6
Control Box Kit for Secondary Cleaner - 100 PSI	PACB2-100	108229	13.6

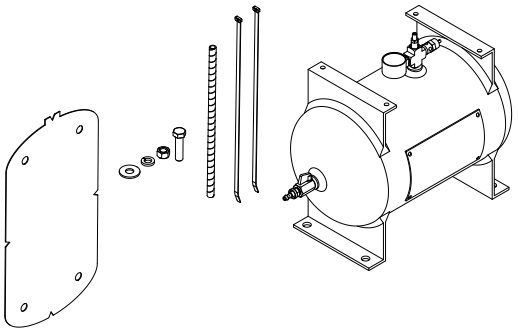


Product Notes:

- 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. LBS.
ASME Air Tank Kit	PAT-N	108232	47.3



Product Notes:

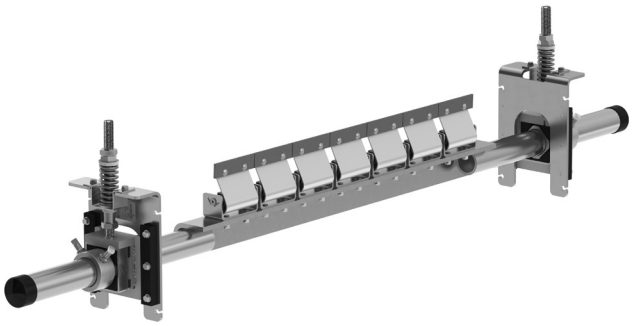
- For use with Legacy PACB60/PACB100 control boxes ordered prior to January 2024.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction tank.
- May also be paired with Control Box for Legacy Tank if preferred.

Replacement Parts List

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
10' (3m) Hose Kit	PATHK	78794	1.5
Upgrade Fitting Kit (fill valve, push-on fittings, plugs)	AWTRK	79319	0.4

Product Ordering Information

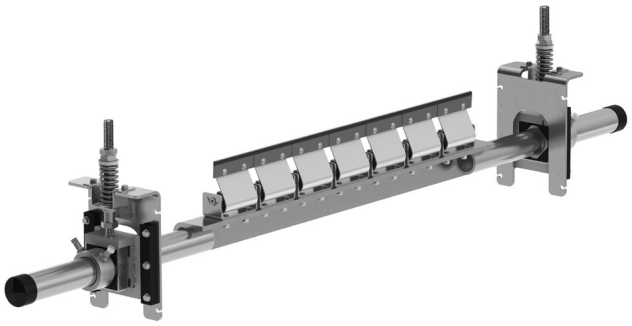
For replacement tips and qty. of tips per cleaner, see p. 112



With C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHS-24-S/S	77601	124.6
30	750	MHS-30-S/S	77602	129.5
36	900	MHS-36-S/S	77603	140.0
42	1050	MHS-42-S/S	77604	150.4
48	1200	MHS-48-S/S	77605	160.9
54	1350	MHS-54-S/S	77606	171.3
60	1500	MHS-60-S/S	77607	181.8
72	1800	MHS-72-S/S	77608	208.3
84	2100	MHS-84-S/S	77609	243.0
96	2400	MHS-96-S/S	79048	277.7

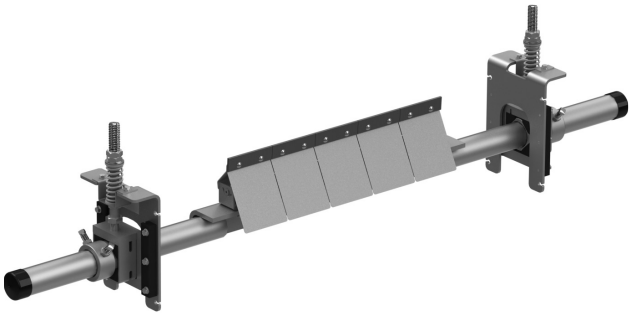
Lead time: 3 weeks



With V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHS-24V-S/S	77610	119.7
30	750	MHS-30V-S/S	77611	124.6
36	900	MHS-36V-S/S	77612	129.5
42	1050	MHS-42V-S/S	77613	140.0
48	1200	MHS-48V-S/S	77614	150.4
54	1350	MHS-54V-S/S	77615	160.9
60	1500	MHS-60V-S/S	77616	171.3
72	1800	MHS-72V-S/S	77617	181.8
84	2100	MHS-84V-S/S	77618	208.3
96	2400	MHS-96V-S/S	79049	243.1

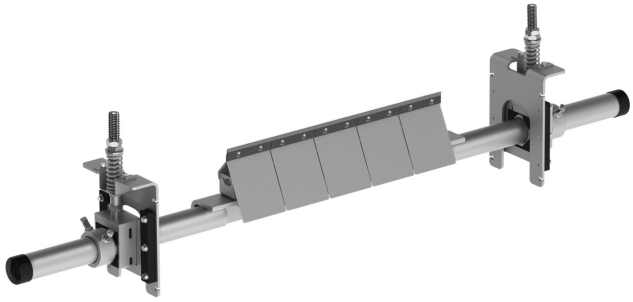
*NOTE: V-Tips can be used ONLY on vulcanized belts.
Lead time: 3 weeks



Reversing with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHS-24R-S/S	77640	128.2
30	750	MHS-30R-S/S	77641	134.0
36	900	MHS-36R-S/S	77642	145.4
42	1050	MHS-42R-S/S	77643	156.7
48	1200	MHS-48R-S/S	77644	168.1
54	1350	MHS-54R-S/S	77645	179.4
60	1500	MHS-60R-S/S	77646	190.8
72	1800	MHS-72R-S/S	77647	219.1
84	2100	MHS-84R-S/S	77648	247.4
96	2400	MHS-96R-S/S	79050	275.7

Lead time: 3 weeks



Reversing with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHS-24RV-S/S	77649	122.4
30	750	MHS-30RV-S/S	77650	128.2
36	900	MHS-36RV-S/S	77651	134.0
42	1050	MHS-42RV-S/S	77652	145.4
48	1200	MHS-48RV-S/S	77653	156.7
54	1350	MHS-54RV-S/S	77654	168.1
60	1500	MHS-60RV-S/S	77655	179.4
72	1800	MHS-72RV-S/S	77656	190.8
84	2100	MHS-84RV-S/S	77657	219.1
96	2400	MHS-96RV-S/S	79051	255.6

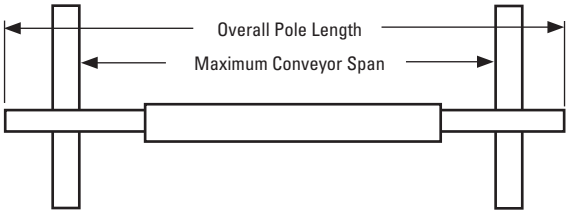
*NOTE: V-Tips can be used ONLY on vulcanized belts.
Lead time: 3 weeks

Specifications & Guidelines

Pole Length Specifications*

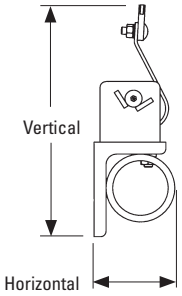
CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
18	450	18	450	72	1800	62	1550
24	600	24	600	78	1950	68	1700
30	750	30	750	84	2100	74	1850
36	900	36	900	90	2250	80	2000
42	1050	42	1050	96	2400	86	2150
48	1200	48	1200	102	2550	92	2300
54	1350	54	1350	108	2700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

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750 mm) of extended pole length. (p. 145).
Pole Diameter – 2-7/8" (73 mm)



Clearance Guidelines for Installation

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

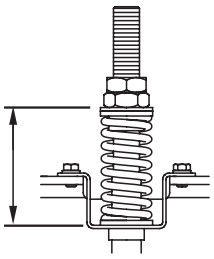


SST XD Spring Length Chart

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

Shading indicates preferred spring option.

SST XD
Top of Washer to Mounting Base



Pressure Chart

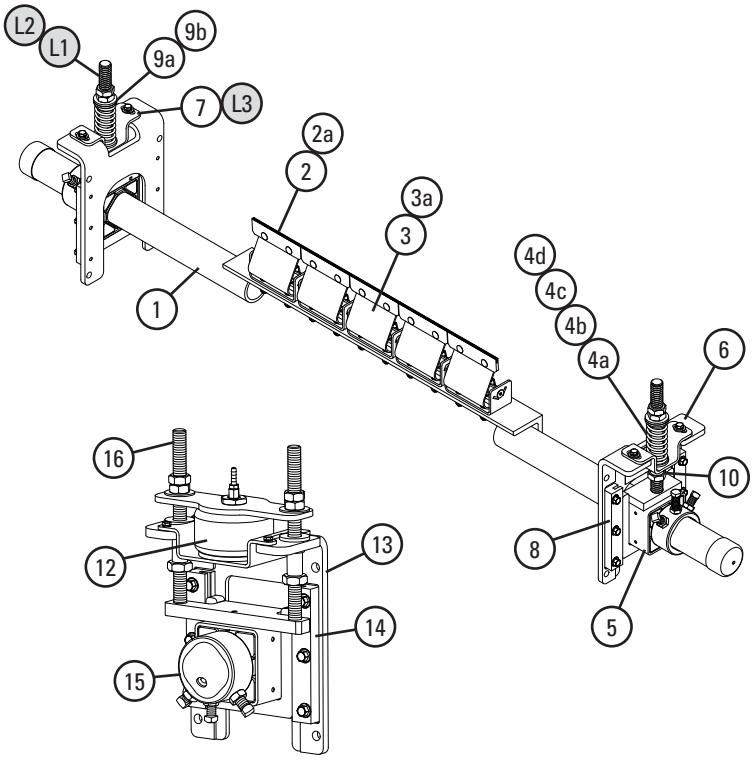
Blade Width		No. of Blades	Pressure	
in.	mm		PSI	kPa
18	450	3	15	103
24	600	4	19	131
30	750	5	23	159
36	900	6	27	186
42	1050	7	31	214
48	1200	8	35	241
54	1350	9	39	269
60	1500	10	43	296
72	1800	12	51	352
84	2100	14	59	407
96	2400	16	67	462

Specifications:

- Maximum Belt Speed .....SST XD/SAT XD Tensioner: 1200 FPM (6 m/s)
- Temperature Rating .....-30 to 180°F (-35 to 82°C)
- Usable Blade Wear Length.....3/8" (9 mm)
- 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: 18 to 96" (450 to 2400 mm). Other sizes available upon request.
- CEMA Cleaner Rating .....Class 5

Replacement Parts List

For cleaners/tensioners shipped prior to 12/31/14 ONLY*.



11 Secondary Air Tensioner XD

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	MHSP-18	76178	46.2
	24" (600mm) Pole	MHSP-24	75918	51.7
	30" (750mm) Pole	MHSP-30	75919	57.2
	36" (900mm) Pole	MHSP-36	75920	62.8
	42" (1050mm) Pole	MHSP-42	75921	68.3
	48" (1200mm) Pole	MHSP-48	75922	73.9
	54" (1350mm) Pole	MHSP-54	75923	79.4
	60" (1500mm) Pole	MHSP-60	75924	85.0
	72" (1800mm) Pole	MHSP-72	75925	96.1
	84" (2100mm) Pole	MHSP-84	76814	112.1
	96" (2400mm) Pole	MHSP-96	79052	128.1
2	C-Tip*	ICT6	74535	0.7
2a	V-Tip* (for vulcanized belts only)	RSA150	73628	1.3
3	PowerFlex™ Cushion* (complete)	PFC	75927	4.2
3a	PowerFlex Cushion* SS (complete)	PFC-SS	76560	4.2
4a	Tension Spring - White (1 ea.)	STS-W	75846	0.5
4b	Tension Spring - Silver (1 ea.)	STS-S	75843	0.8
4c	Tension Spring - Black (1 ea.)	STS-B	75844	1.0
4d	Tension Spring - Gold (1 ea.)	STS-G	78142	1.3
5	HD Torsion Pole Mount* (1 ea.) (incl. HD adjusting rod, nuts & sleeve) (See 9 & 9a for bushings)	SSTHDPM	77868	15.0
6	SST XD Mounting Base Kit* (incl. 1 mounting base, 2 slide guides, top hat bracket & bottom bushing)	SSTXDMK	91412	10.2
7	SST Hat Bracket (Pair)	SSTHB	79582	3.5
8	Slide Guide Kit* (incl. 2 slide guides)	STGK2	77867	1.1
9a	SST Bushing Kit - White/Silver (2 ea.)	SSTBK-W	76636	0.1
9b	SST Bushing Kit - Black/Gold (2 ea.)	SSTBK-B	76637	0.1
10	SST Lower Bushing Kit (Pair)	SSTLBK	79493	0.1
–	Jam Nut Kit SST	JNK-C	79893	0.3
–	SST XD Spring Tensioner* - White (incl. (2) ea. items 4a, 5, 6, & 9a)	SSTXD-W	91408	60.6
–	SST XD Spring Tensioner* - Silver (incl. (2) ea. items 4b, 5, 6, & 9a)	SSTXD-S	91409	61.4
–	SST XD Spring Tensioner* - Black (incl. (2) ea. items 4c, 5, 6, & 9b)	SSTXD-B	91410	62.0
–	SST XD Spring Tensioner* - Gold (incl. (2) ea. items 4d, 5, 6, & 9b)	SSTXD-G	91411	62.6

*Hardware Included
Lead time: 1 working day

SAT XD Tensioner Replacement Parts

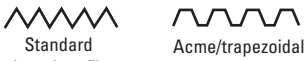
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
11	SAT XD	SATXDNCB	91414	41.0
12	SAT Air Bag Kit (1 ea.)	SATB	76083	5.1
13	SAT XD Mounting Base Kit (2 ea.)	SATXDMK	91415	11.6
14	ST Slide Guide Kit (1 ea.)	STGK2	77867	1.1
15	SAT2 Torsion Pole Mount (2 ea.) (incl. threaded rods and nuts)	SAT2PM	78732	11.1
16	SAT2 Adjusting Rod Kit	SAT2AK	78733	5.0

Lead time: 1 working day

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

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
L1	Adjusting Rod Kit (for belts 24–60" (600–1500mm)) (incl. 1 rod, 2 nuts, 1 bushing, 1 washer)	STAK	75847	2.9
L2	HD Adjusting Rod Kit (for belts 72–96" (1800–2400mm)) (incl. 1 rod, 2 nuts, 1 HD bushing, 1 washer)	STAKHD	75892	3.0
L3	Legacy SST Hat Channel Kit	SSTHK	79070	1.5
–	SAT2 Adjusting Rod Kit (2 ea.)	SAT2AK	78733	5.0
–	SST Tensioner Bushing Update Kit (incl. 2 lower bushings, 2 sleeves, 2 nuts)	SST-BUK	76943	0.3

*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

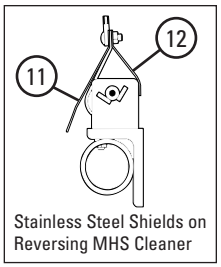
Acme/trapezoidal thread profile

Spring Tensioner Selection Chart

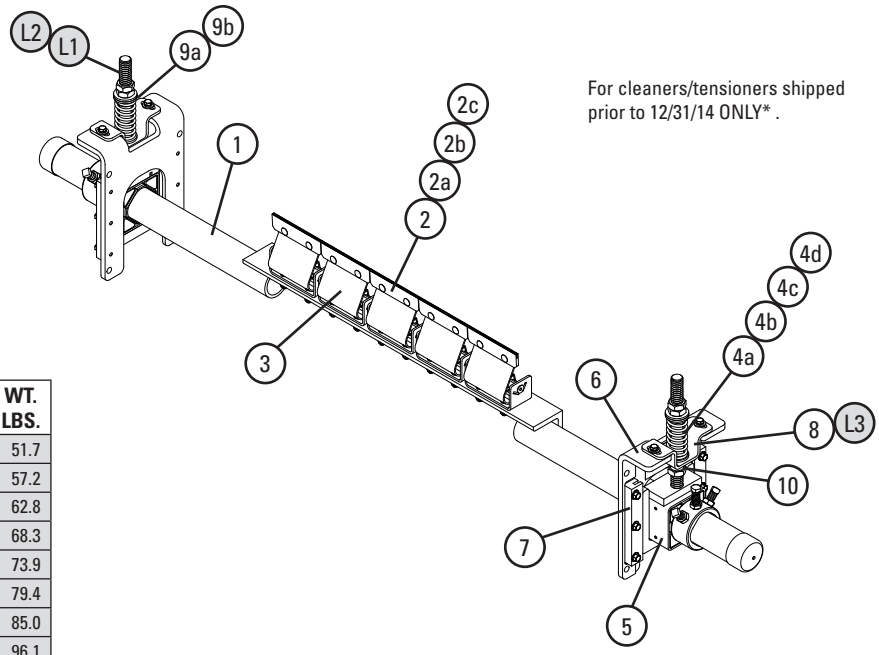
CLEANER SIZE	91408 SSTXD-W	91409 SSTXD-S	91410 SSTXD-B	91411 SSTXD-G
MHS 18–30" (450–750mm)	X			
MHS 36–48" 900–1200mm)		X		
MHS 54–84" (1350–2100mm)			X	
MHS 96" (2400mm)				X

Replacement Parts List

MHS Stainless Steel
Heavy-Duty Secondary Cleaner with SST Tensioners



Stainless Steel Shields on Reversing MHS Cleaner



For cleaners/tensioners shipped prior to 12/31/14 ONLY* .

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) SS Pole	MHSP24-S/S	77620	51.7
	30" (750mm) SS Pole	MHSP30-S/S	77621	57.2
	36" (900mm) SS Pole	MHSP36-S/S	77622	62.8
	42" (1050mm) SS Pole	MHSP42-S/S	77623	68.3
	48" (1200mm) SS Pole	MHSP48-S/S	77624	73.9
	54" (1350mm) SS Pole	MHSP54-S/S	77625	79.4
	60" (1500mm) SS Pole	MHSP60-S/S	77626	85.0
	72" (1800mm) SS Pole	MHSP72-S/S	77627	96.1
	84" (2100mm) SS Pole	MHSP84-S/S	77628	112.1
	96" (2400mm) SS Pole	MHSP96-S/S	79053	128.1
2	C-Tip*	ICT6	74535	0.7
2a	SS C-Tip	ICT6-S/S	78700	0.7
2b	V-Tip* (for vulcanized belts only)	RSA150	73628	1.3
2c	S/S V-Tip* (for vulcanized belts only)	RVT6-S/S	76205	1.3
3	PowerFlex Cushion* (complete)	PFC-SS	76560	4.2
4a	Tension Spring – White (1 ea.)	STS-W-S/S	77630	0.5
4b	Tension Spring – Silver (1 ea.)	STS-S-S/S	77631	0.8
4c	Tension Spring – Black (1 ea.)	STS-B-S/S	77632	1.0
4d	Tension Spring – Gold (1 ea.)	STS-G-S/S	79057	1.3
5	SS HD Torsion Mounting Kit* (1 ea.) (incl. 1 adjusting rod, 3 nuts, 1 sleeve) (See 9 & 9a for bushings)	STHDPM2-S/S	77633	15.0
6	SS Mounting Base Kit* (incl. 1 mounting base, 2 slide guides, top hat bracket & bottom bushing)	STHDMK2-S/S	77634	10.2
7	SS Base Mounting Kit* (incl. 2 slide guides)	STGK2-S/S	77635	1.1
8	SST Hat Bracket S/S (Pair)	SSTHB-S/S	79586	3.5
9a	SST Bushing Kit – White/Silver (incl. 2 bushings)	SSTBK-W	76636	0.1
9b	SST Bushing Kit – Black/Gold (incl. 2 bushings)	SSTBK-B	76637	0.1
10	SST Lower Bushing Kit (Pair)	SSTLBK	79493	0.1
11	P Stainless Steel Shield	PSSS	74773	0.5
12	PowerFlex™ Reverse Shield	PFRS	76622	0.4
–	SS SST Spring Tensioner* – White (incl. (2) ea. items 4a, 5, 6 & 9a)	SST2HD-W-S/S	77637	60.6
–	SS SST Spring Tensioner* – Silver (incl. (2) ea. items 4b, 5, 6 & 9a)	SST2HD-S-S/S	77638	61.4
–	SS SST Spring Tensioner* – Black (incl. (2) ea. items 4c, 5, 6 & 9b)	SST2HD-B-S/S	77639	62.0
–	SS SST Spring Tensioner* – Gold (incl. (2) ea. items 4d, 5, 6 & 9b)	SST2HD-G-S/S	79042	62.6

*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. LBS.
L1	Adjusting Rod Kit* (incl. 1 rod, 2 nuts, 1 bushing, 1 washer) for belts 18–60" (450–1500mm)	STAK	75847	2.9
L2	HD Adjusting Rod Kit* (incl. 1 rod, 2 nuts, 1 HD bushing, 1 washer) for belts 72–96" (1800–2400mm)	STAKHD	75892	3.0
L3	SST Hat Channel Kit S/S	SSTHK-S/S	79071	1.5
–	SS Bushing Update Kit (incl. (2) ea. lower bushing, sleeve, nut)	SST-BUK-S/S	77636	0.3

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

Standard thread profile

Acme/trapezoidal thread profile

Spring Tensioner Selection Chart

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

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

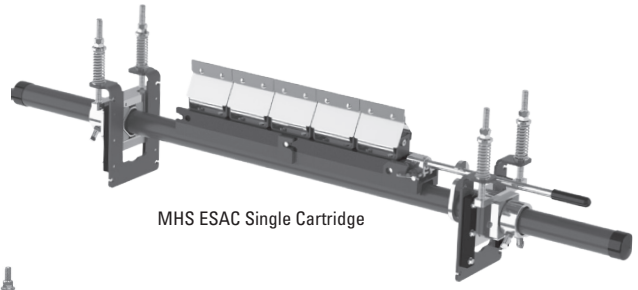
Product Ordering Information

MHS ESAC
Heavy-Duty Secondary Cleaner with Enhanced Service Advantage Cartridge

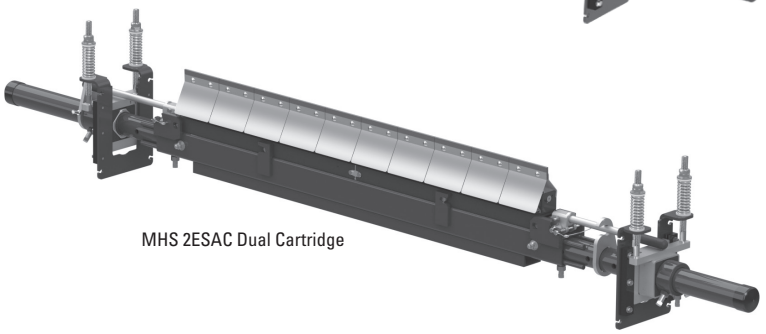
With C-Tips

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

Lead time: 1 working day



MHS ESAC Single Cartridge



MHS 2ESAC Dual Cartridge

With V-Tips*

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

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

Replacement Tips

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

Lead time: 1 working day

Replacement Shields

ORDERING NUMBER	ITEM CODE	WT. LBS.
PFS-ESAC	79073	0.5
PFRS	76622	0.4

Lead time: 1 working day

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

Tips Required per Cleaner Size

in.	24	30	36	42	48	54	60	72	84	96	120
mm	600	750	900	1050	1200	1350	1500	1800	2100	2400	3000
No. C-Tips or V-Tips Required	4	5	6	7	8	9	10	12	14	16	20

Product Notes:

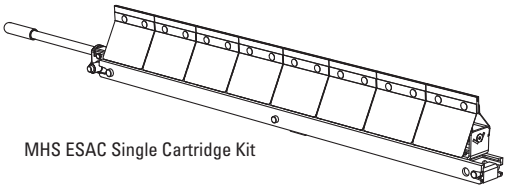
- Patented Enhanced Service Advantage Cartridge™ allows for easy removal in even the dirtiest conditions.
- Heavy-duty design to deliver maximum cleaning efficiency on the most demanding, abusive beltlines.
- Pole Length: Belt width plus 54" (1350 mm) (single cartridge cleaners); Belt width plus 60" (1500 mm) (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.

Product Ordering Information

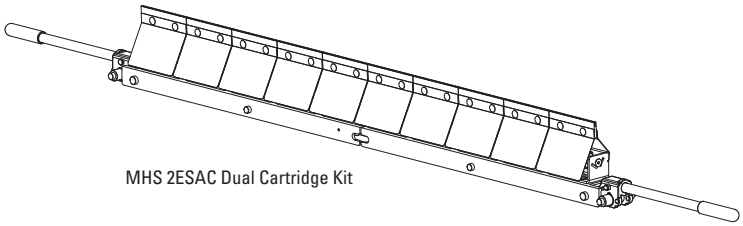
With C-Tips

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

Lead time: 1 working day



MHS ESAC Single Cartridge Kit



MHS 2ESAC Dual Cartridge Kit

With V-Tips*

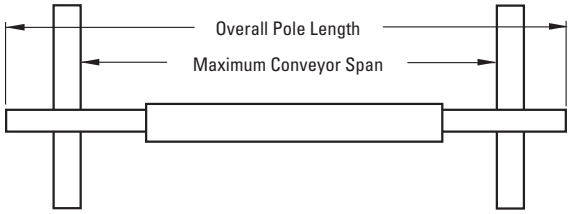
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MHS-CARK-V24/600	77937	29.4
30	750	MHS-CARK-V30/750	77938	35.1
36	900	MHS-CARK-V36/900	77939	40.8
42	1050	MHS-CARK-V42/1050	77940	46.5
48	1200	MHS-CARK-V48/1200	77941	52.3
54	1350	MHS-CARK-V54/1350	77942	58.0
60	1500	MHS-CARK-V60/1500	77943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

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

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

Pole Length Specifications

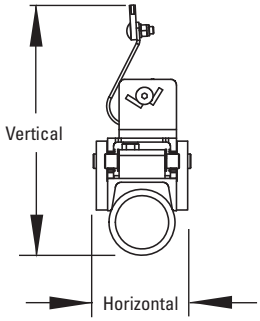
VERSION	CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
	in.	mm	in.	mm	in.	mm	in.	mm
Single	24	600	24	600	78	1950	66	1650
	30	750	30	750	84	2100	72	1800
	36	900	36	900	90	2250	78	1950
	42	1050	42	1050	96	2400	84	2100
	48	1200	48	1200	102	2550	90	2250
	54	1350	54	1350	108	2700	96	2400
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



*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750 mm) of extended pole length (p. 145). Pole Diameter - 2-7/8" (73 mm)

Clearance Guidelines for Installation

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



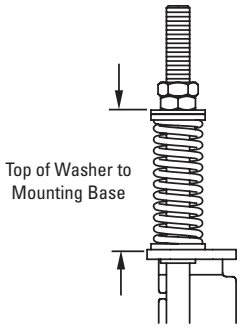
Aluminum Content

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

CST Spring Length Chart

Blade Width		White Springs		Silver Springs		Black Springs		Gold Springs	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
24	600	3 1/8	80	3 7/8	98	N/A	N/A	N/A	N/A
30	750	2 7/8	73	3 3/4	95	N/A	N/A	N/A	N/A
36	900	N/A	N/A	3 3/4	95	3 7/8	98	N/A	N/A
42	1050	N/A	N/A	3 5/8	92	3 3/4	95	N/A	N/A
48	1200	N/A	N/A	3 1/2	89	3 5/8	92	N/A	N/A
54	1350	N/A	N/A	3 3/8	86	3 5/8	92	N/A	N/A
60	1500	N/A	N/A	3 1/4	83	3 1/2	89	4	101
72	1800	N/A	N/A	N/A	N/A	3 3/8	86	4	101
84	2100	N/A	N/A	N/A	N/A	3 1/8	80	3 7/8	98
96	2400	N/A	N/A	N/A	N/A	N/A	N/A	3 7/8	98
120	3000	N/A	N/A	N/A	N/A	N/A	N/A	3 5/8	92

Shading indicates preferred spring option

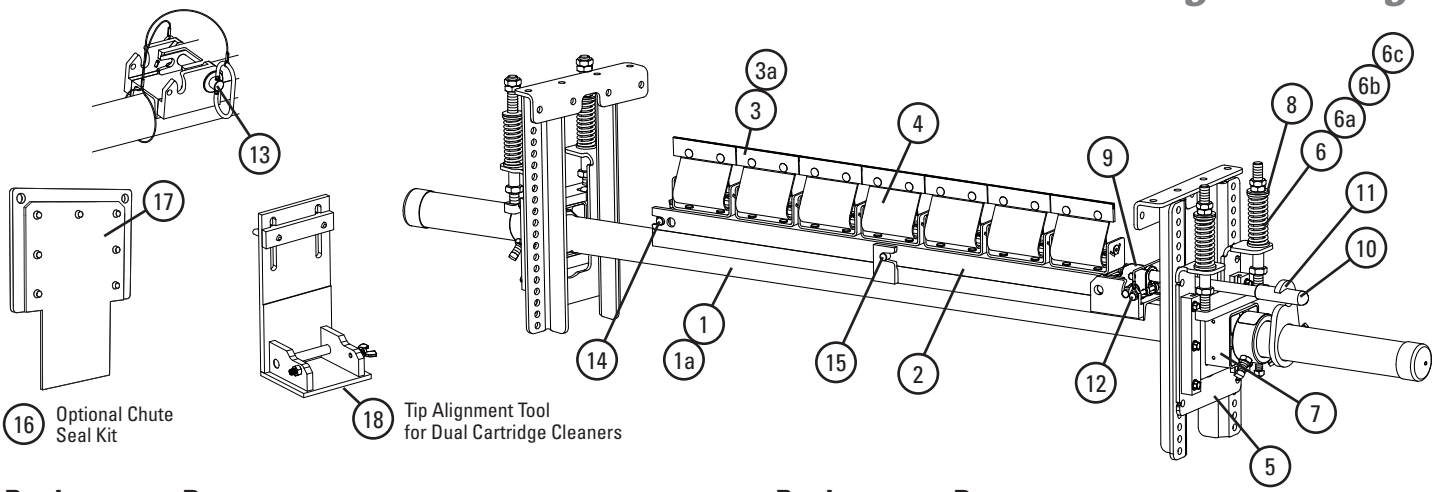


Specifications:

- Maximum Belt Speed .....1200 FPM (6 m/s)
- Temperature Rating .....-30 to 180°F (-35 to 82°C)
- Usable Blade Wear Length.....3/8" (9 mm)
- Blade Materials .....C-Tip: Impact Resistant Tungsten Carbide (works with mechanical fasteners)
  V-Tip: Long Life Tungsten Carbide (for vulcanized belts only)
- Available for Belt Widths .....24 to 120" (600 to 3000 mm). Other sizes available upon request.
- CEMA Cleaner Rating .....Class 5

Replacement Parts List

MHS ESAC
Heavy-Duty Secondary Cleaner with Enhanced Service Advantage Cartridge



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	ESAC Cartridge Pole 24" (600mm)	SACPL-24/600	77887	65.4
	ESAC Cartridge Pole 30" (750mm)	SACPL-30/750	77888	71.2
	ESAC Cartridge Pole 36" (900mm)	SACPL-36/900	77889	77.1
	ESAC Cartridge Pole 42" (1050mm)	SACPL-42/1050	77890	82.9
	ESAC Cartridge Pole 48" (1200mm)	SACPL-48/1200	77891	88.8
	ESAC Cartridge Pole 54" (1350mm)	SACPL-54/1350	77892	94.6
	ESAC Cartridge Pole 60" (1500mm)	SACPL-60/1500	77893	100.5
	ESAC Cartridge Pole 72" (1800mm)	SACPL-72/1800	77894	112.2
	ESAC Cartridge Center Pole 60" (1500mm) (Dual)	SACPL2-60/1500	77895	77.3
	ESAC Cartridge Center Pole 72" (1800mm) (Dual)	SACPL2-72/1800	77896	89.5
	ESAC Cartridge Center Pole 84" (2100mm) (Dual)	SACPL2-84/2100	77897	101.8
	ESAC Cartridge Center Pole 96" (2400mm) (Dual)	SACPL2-96/2400	77898	114.1
	ESAC Cartridge Center Pole 120" (3000mm) (Dual)	SACPL2-120/3000	77899	142.3
1a	Extender Pole (for use with Dual Cartridge Center Pole)	MHP-EP	76392	54.0
2	ESAC Cartridge 24" (600mm)	CART-24/600	77900	3.5
	ESAC Cartridge 30" (750mm)	CART-30/750	77901	4.3
	ESAC Cartridge 36" (900mm)	CART-36/900	77902	5.1
	ESAC Cartridge 42" (1050mm)	CART-42/1050	77903	5.9
	ESAC Cartridge 48" (1200mm)	CART-48/1200	77904	6.7
	ESAC Cartridge 54" (1350mm)	CART-54/1350	77905	7.4
	ESAC Cartridge 60" (1500mm)	CART-60/1500	77906	8.4
	ESAC Cartridge 72" (1800mm)	CART-72/1800	77907	10.0
	ESAC Cartridge 60" (1500mm) (Dual)	CART2-60/1500	77908	8.6
	ESAC Cartridge 72" (1800mm) (Dual)	CART2-72/1800	77909	10.2
	ESAC Cartridge 84" (2100mm) (Dual)	CART2-84/2100	77910	11.7
	ESAC Cartridge 96" (2400mm) (Dual)	CART2-96/2400	77911	13.3
	ESAC Cartridge 120" (3000mm) (Dual)	CART2-120/3000	77912	16.8
3	C-Tip*	ICT6	74535	0.7
3a	V-Tip* (for vulcanized belts only)	RSA150	73628	1.3
4	PowerFlex™ Cushion*	PFC	75927	4.2
5	CST HD Mounting Base Kit*	CSTHDMK	77871	8.5
6	CST Spring - White (1 ea.)	CTS-W	77742	0.5
6a	CST Spring - Silver (1 ea.)	CTS-S	77743	0.5
6b	CST Spring - Black (1 ea.)	CTS-B	77744	0.6
6c	CST Spring - Gold (1 ea.)	CTS-G	77745	0.8
7	CST HD Torsion Pole Mount* (1 ea.)	CSTHDPM	77869	16.4
8	CST Bushing Kit (incl. 4 bushings)	CSTBK	77037	0.1

*Hardware Included
Lead Time: 1 working day

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

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
-	CST HD Cartridge Tensioner - White (incl. (1) ea. items 5, 7, 8; (2) ea. item 6)	CST1HD-W	77872	30.1
-	CST HD Cartridge Tensioner - Silver (incl. (1) ea. items 5, 7, 8; (2) ea. item 6a)	CST1HD-S	77873	30.1
-	CST HD Cartridge Tensioner - Black (incl. (1) ea. items 5, 7, 8; (2) ea. item 6b)	CST1HD-B	77874	30.1
-	CST HD Cartridge Tensioner - Gold (incl. (1) ea. items 5, 7, 8; (2) ea. item 6c)	CST1HD-G	77875	30.7
9	ESAC Removal Knuckle	SACRKN	77882	3.2
10	ESAC Removal Handle	SACRH	77883	3.0
11	ESAC Handle Lock Plate	SACRHL	77884	1.7
12	Knuckle Retainer Pin	SACKRP	77885	0.2
13	SAC Hitch Pin	SACHP2	77768	0.9
14	Flexible End Pin	FLXEP	91431	1
15	Flexible Center Pin	FLXCP	91430	1
-	ESAC Removal Kit (incl. (1) ea. items 10–14)	SACRKT	77886	9.0
16	ESAC Chute Seal Kit	SACSK	77052	3.9
17	ESAC Chute Seal Replacement Cover	SACSRC	77065	0.5
18	ESAC Cartridge Tip Alignment Tool (Dual)	SAC2-TIP-TL	77866	2.5

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

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE
L1	Adjusting Rod Kit* (incl. 1 rod, 2 nuts, 1 bushing, 1 washer) for belts 18–60" (450–1500mm)	STAK	75847
L2	HD Adjusting Rod Kit* (incl. 1 rod, 2 nuts, 1 HD bushing, 1 washer) for belts 72–96" (1800–2400mm)	STAKHD	75892
L3	SST Hat Channel Kit	SSTHK	79070

*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.

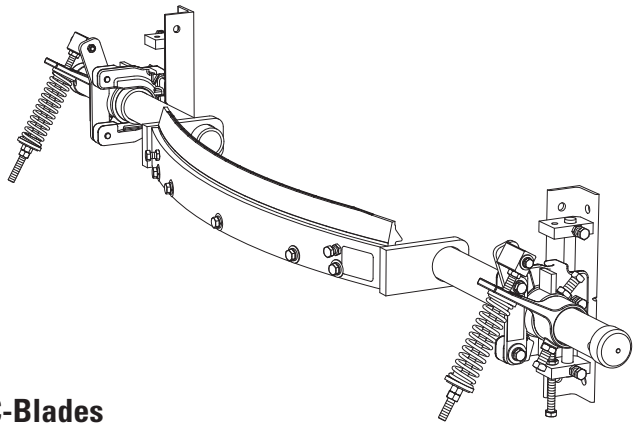
Standard thread profile

Acme/trapezoidal thread profile

Spring Tensioner Selection Chart

CLEANER SIZE	77872 CST1HD-W	77873 CST1HD-S	77874 CST1HD-B	77875 CST1HD-G
MHS ESAC 18–30" (450–750mm)	X			
MHS ESAC 36–48" (900–1200mm)		X		
MHS ESAC 54–84" (1350–2100mm)			X	
MHS ESAC 96–120" (2400–3000mm)				X

Product Ordering Information



With C-Blade
(Impact-Resistant Tungsten Carbide)*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	UTC18	76712	100.0
24	600	UTC24	76713	106.7
30	750	UTC30	76714	114.4
36	900	UTC36	76715	120.1
42	1050	UTC42	76716	126.7
48	1200	UTC48	76717	134.5
54	1350	UTC54	76718	141.0
60	1500	UTC60	76719	148.8
72	1800	UTC72	76720	225.2
84	2100	UTC84	76721	241.5

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

Replacement C-Blades

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	URCB18/450	76748	5.0
24	600	URCB24/600	76749	6.7
30	750	URCB30/750	76750	8.4
36	900	URCB36/900	76751	10.1
42	1050	URCB42/1050	76752	11.7
48	1200	URCB48/1200	76753	13.5
54	1350	URCB54/1350	76754	15.0
60	1500	URCB60/1500	76755	16.8
72	1800	URCB72/1800	76756	20.2
84	2100	URCB84/2100	76757	23.5

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

With F-Blade
(Polyurethane)*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	UTF18	76724	98.0
24	600	UTF24	76725	104.0
30	750	UTF30	76726	111.0
36	900	UTF36	76727	116.0
42	1050	UTF42	76728	122.0
48	1200	UTF48	76729	129.0
54	1350	UTF54	76730	135.0
60	1500	UTF60	76731	142.0
72	1800	UTF72	76732	217.0
84	2100	UTF84	76733	232.0

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

Replacement F-Blades

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	UFB18	74448	3.0
24	600	UFB24	74449	4.0
30	750	UFB30	74450	5.0
36	900	UFB36	74451	6.0
42	1050	UFB42	74452	7.0
48	1200	UFB48	74453	8.0
54	1350	UFB54	74454	9.0
60	1500	UFB60	74455	10.0
72	1800	UFB72	74456	12.0
84	2100	UFB84	74460	14.0

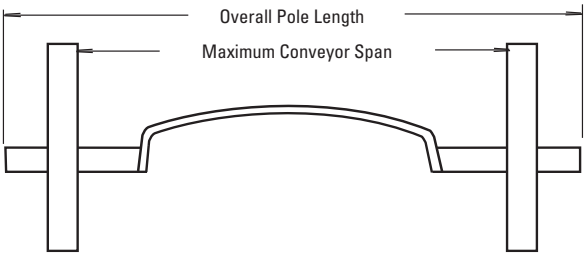
*NOTE: F-Blades (Polyurethane) can be used on mechanically spliced and vulcanized belts.
Lead time: 1 working day

Specifications & Guidelines

Pole Length Specifications

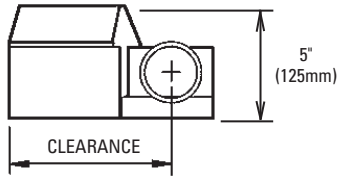
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
18	450	64	1600	54	1350
24	600	70	1750	60	1500
30	750	76	1900	66	1650
36	900	82	2050	72	1800
42	1050	88	2200	78	1950
48	1200	94	2350	84	2100
54	1350	100	2500	90	2250
60	1500	106	2650	96	2400
72	1800	124	3100	114	2850
84	2100	136	3400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

Pole Diameter - 18 to 54" (450 to 1350 mm) cleaner 2-3/8" (60 mm)
Pole Diameter - 60 to 84" (1500 to 2400 mm) cleaner 2-7/8" (73 mm)



Clearance Guidelines for Installation

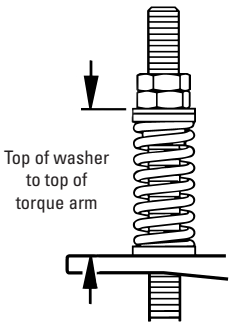
CLEANER SIZE		CLEARANCE	
in.	mm	in.	mm
18	450	6	155
24	600	7	180
30	750	8	205
36	900	8	205
42	1050	9 1/4	235
48	1200	10 1/2	270
54	1350	10 3/4	275
60	1500	10 3/4	275
72	1800	10 3/4	275
84	2100	10 3/4	275
96	2400	10 3/4	275



UST Spring Length Chart

Blade Width		Purple Springs		Silver Springs		White Springs	
in.	mm	in.	mm	in.	mm	in.	mm
18	450	5 5/8	143	N/A	N/A	N/A	N/A
24	600	5 1/4	133	6	152	N/A	N/A
30	750	4 5/8	117	5 3/4	146	6 1/8	156
36	900	4 1/4	108	5 5/8	143	6	152
42	1050	N/A	N/A	5 1/4	133	5 3/4	146
48	1200	N/A	N/A	4 7/8	124	5 1/2	140
54	1350	N/A	N/A	4 5/8	117	5 3/8	137
60	1500	N/A	N/A	N/A	N/A	5 1/4	133
72	1800	N/A	N/A	N/A	N/A	4 7/8	124
84	2100	N/A	N/A	N/A	N/A	4 5/8	117

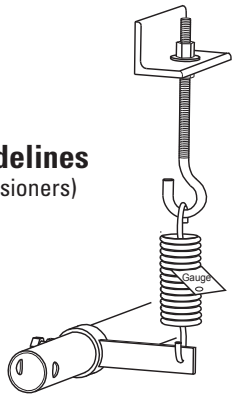
Shading indicates preferred spring option.



Spring Tensioner Guidelines

(For Cleaners with J-Bolt Tensioners)

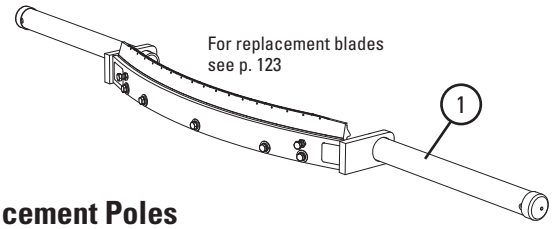
- Spring gap = .03" (.7 mm)
* Gauge provided



Specifications:

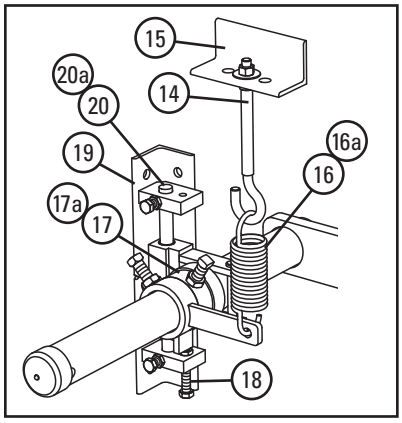
- Maximum Belt Speed .....1300 FPM (6.6 m/s); F-Blade - 1000 FPM (5 m/s)
- Temperature Rating .....-30 to 180°F (-35 to 82°C)
- Usable Blade Wear Length.....C-Blade – 3/8" (9 mm); F-Blade – 1 3/4" (44 mm)
- Available for Belt Widths .....18 to 84" (450 to 2100 mm). Other sizes available upon request.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

Replacement Parts List



Replacement Poles

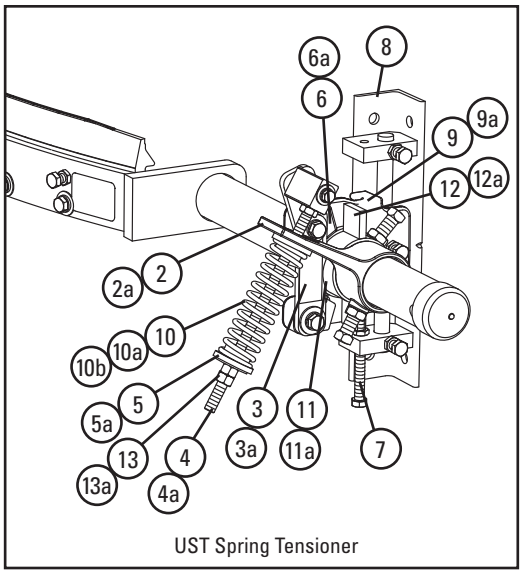
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	USP18/450	76772	45.0
	24" (600mm) Pole	USP24/600	76773	50.0
	30" (750mm) Pole	USP30/750	76774	56.0
	36" (900mm) Pole	USP36/900	76775	60.0
	42" (1050mm) Pole	USP42/1050	76776	65.0
	48" (1200mm) Pole	USP48/1200	76777	71.0
	54" (1350mm) Pole	USP54/1350	76778	76.0
	60" (1500mm) Pole	USP60/1500	76779	82.0
	72" (1800mm) Pole	USP72/1800	76780	125.0
	84" (2100mm) Pole	USP84/2100	76781	138.0



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

Replacement Parts - J-Bolt Tensioner

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
14	J-Bolt (incl. locknut & washer)	STJK	74417	0.7
15	J-Bolt Mount (1 ea.)	STJM	74775	3.0
16	Tension Spring (1 ea.) †	STTS	74419	1.4
16a	HD Tension Spring (1 ea.) §	HDTS	74502	2.0
17	Stop Collar †	USTSC	79299	1.5
17a	HD Stop Collar §	USTSCHD	79300	2.0
18	Adjusting Bolt Kit (1 ea.) (incl. locknut)	ABU	76788	0.2
19	Mounting Bracket Kit* (1 ea.)	UMBK	76789	9.7
20	Slide Plate Kit* (1 ea.) †Δ	USPK	76790	4.6
20a	HD Slide Plate Kit* (1 ea.) §	UHSPK	76791	5.2
—	J-Bolt Conversion Kit † (Optional) (incl. (2) ea. items 15, 16, 17, 18)	UBTK	76977	4.7
—	HD J-Bolt Conversion Kit § (Optional) (incl. (2) ea. items 15, 16, 17a, 18a)	UHDBTK	76978	5.2
—	Standard Mounting Kit* (incl. (1) ea. items 8, 9, 10) † Δ for blade widths 18–54" (450–1350mm)	USMK	76792	14.6
—	HD Mounting Kit* (incl. (1) ea. items 8, 9, 10a) § for blade widths 60–84" (1500–2100mm)	UHMK	76793	15.5
—	18–54" J-Bolt Complete Tension Kit (incl. (2) ea. items 15–21)†	MMKU	77324	19.3
—	60"+ J-Bolt Complete Tension Kit (incl. (2) ea. items 15a, 16, 17a, 18a, 19, 20, 21a)§	MMKUHD	77327	20.7



UST Spring Tensioner

Replacement Parts - UST Tensioner

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
2	Torque Arm Kit* (1 ea.) †Δ	ESTAK-EST	76406	3.6
2a	Torque Arm Kit HD* (1 ea.) §	PSTA	75896	11.4
3	Pivot Shaft Bracket Kit* (1 ea.) †Δ	UPSBK	76784	1.7
4	Pivot Rod Kit* (1 ea.) †Δ	UPBKA	114389	2.2
4a	Pivot Rod Kit HD* (1 ea.) §	QMTPAK	76096	4.3
5	Bushing Kit (incl. 2 bushings) †Δ	ESBK-PS	76410	0.1
5a	Bushing Kit HD (incl. 2 bushings) §	QMTBK-W	76098	0.1
6	Standard Pole Bearing (1 ea.) †Δ	USPB2	79206	0.1
6a	HD Pole Bearing (1 ea.) §	UHPB2	79207	0.2
7	Adjusting Bolt Kit (1 ea.) (incl. locknut)	ABU	76788	0.2
8	Mounting Bracket Kit* (1 ea.)	UMBK	76789	9.7
9	Slide Plate Kit* (1 ea.) †Δ	USPK	76790	4.6
9a	HD Slide Plate Kit* (1 ea.) §	UHSPK	76791	5.2
10	Tension Spring - Purple (1 ea.) †	QMTS-P	75845	0.6
10a	Tension Spring - Silver (1 ea.) Δ	ESS-S	76412	1.2
10b	Tension Spring - White (1 ea.) §	PSTS-W	75898	1.7
11	UST Stop Collar Retrofit Kit* †Δ	USTSCK	79202	5.0
11a	HD UST Stop Collar Retrofit Kit* §	USTSCKHD	79204	7.4
12	Stop Collar*	USTSC	79299	1.5
12a	HD Stop Collar*	USTSCHD	79300	2.0
13	ACME Jam Nut Kit UST	JNK-G	114390	0.3
13a	Jam Nut Kit USTHD	JNK-C	79893	0.3
–	UST Spring Tensioner* - Purple † (incl. (1) ea. items 2, 3, 4, 5, 7, 8, 9, 10)	UST-P	76794	25.0
–	UST Spring Tensioner* - Silver Δ (incl. (1) ea. items 2, 3, 4, 5, 7, 8, 9, 10a)	UST-S	77757	25.0
–	HD UST Spring Tensioner* - White § (incl. (1) ea. items 2a, 3a, 4a, 5a, 7, 8, 9a, 10b)	UST-W	76795	40.0
–	Standard Mounting Kit* (incl. (1) ea. items 7, 8, 9) † Δ for blade widths 18–54" (450–1350mm)	USMK	76792	14.6
–	HD Mounting Kit* (incl. (1) ea. items 7, 8, 9a) § for blade widths 60–84" (1500–2100mm)	UHMK	76793	15.5

*Hardware included
† Standard components for blade widths 18–42" (450–1050 mm)
Δ Standard components for blade widths 48–54" (1200–1350 mm)
§ HD components for blade widths 60–84" (1500–2100 mm)

Product Ordering Information

MDWS
Heavy-Duty Secondary Cleaner
DryWipe for Removing Water

With SST XD Tensioner

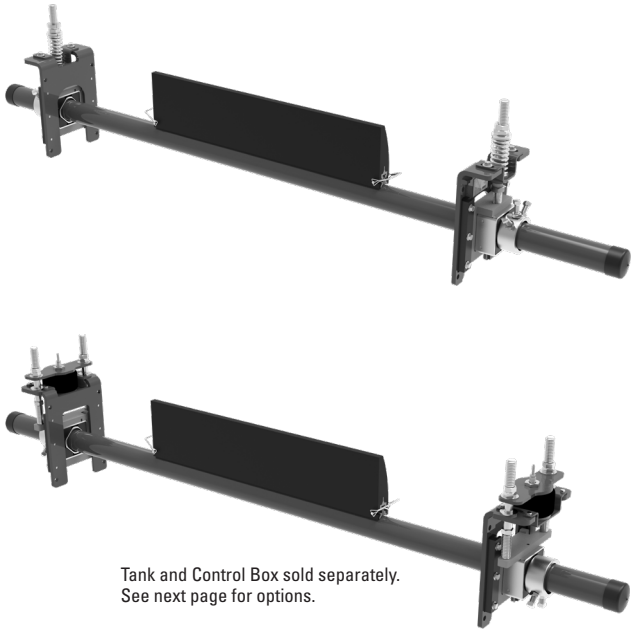
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MDWS-24	75868	115.1
30	750	MDWS-30	75869	122.8
36	900	MDWS-36	75870	127.8
42	1050	MDWS-42	75871	138.3
48	1200	MDWS-48	75872	146.8
54	1350	MDWS-54	75873	154.5
60	1500	MDWS-60	75874	162.2
72	1800	MDWS-72	75875	177.7
84	2100	MDWS-84	76806	193.2
96	2400	MDWS-96	79063	208.7

Lead time: 1 working day

With SAT XD Tensioner

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MDWS-24P	78745	115.1
30	750	MDWS-30P	78746	122.8
36	900	MDWS-36P	78747	127.8
42	1050	MDWS-42P	78748	138.3
48	1200	MDWS-48P	78749	146.8
54	1350	MDWS-54P	78750	154.5
60	1500	MDWS-60P	78751	162.2
72	1800	MDWS-72P	78752	177.7
84	2100	MDWS-84P	78753	193.2
96	2400	MDWS-96P	79064	208.7
108	2700	MDWS-108P	90177	234.8

Lead time: 1 working day



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

Optional Mounting Kits

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Standard Mounting Bracket Kit *	SSTSMB	76071	34.3
Long Mounting Bracket Kit *	SSTLMB	76072	43.5
Optional Top Angle Kit *	SSTOTA	76073	10.5

*Hardware Included
Lead time: 1 working day

Replacement ConShear™ DW Blades

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	CDWB24	75884	12.8
30	750	CDWB30	75885	15.5
36	900	CDWB36	75886	18.3
42	1050	CDWB42	75887	21.0
48	1200	CDWB48	75888	23.8
54	1350	CDWB54	75889	26.5
60	1500	CDWB60	75890	29.2
72	1800	CDWB72	75891	34.7
84	2100	CDWB84	76942	40.5
96	2400	CDWB96	79062	46.3

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

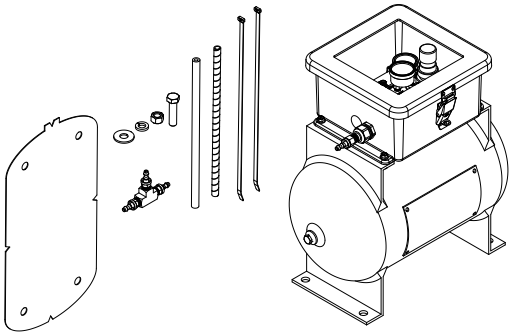
Product Notes:

- The ConShear™ "DryWipe" (DW) Blade is excellent for removing water from the belt. Use as the final cleaner in a cleaning system.
- Actual blade width is belt width plus 4" (100 mm). The extra length ensures the water is removed from the belt.
- Pole Length: Belt width plus 60" (1500 mm) for cleaners up to 60" (1500 mm), belt width plus 54" (1350 mm) for cleaners over 60" (1500 mm). For longer requirements, see Accessories – Pole Extender Kit (p. 145).
- Cleaners with SAT XD Tensioning come with 50' (15.2 m) of hose and 1' (300 mm) hose wrap.
- 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 (p. 145).

Product Ordering Information

Control Box/Tank Combo Units for Closed System

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Control Box/Tank Combo Unit for Precleaner - 60 PSI	PAT-C-60	108230	64.0
Control Box/Tank Combo Unit for Secondary Cleaner - 100 PSI	PAT-C-100	108231	64.0

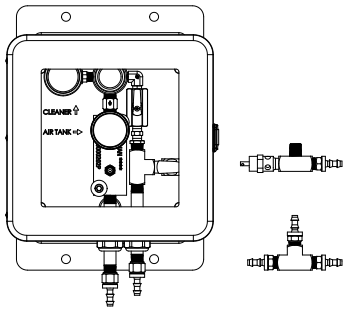


Product Notes:

- 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. LBS.
Control Box Kit for Precleaner - 60 PSI	PACB2-60	108228	13.6
Control Box Kit for Secondary Cleaner - 100 PSI	PACB2-100	108229	13.6

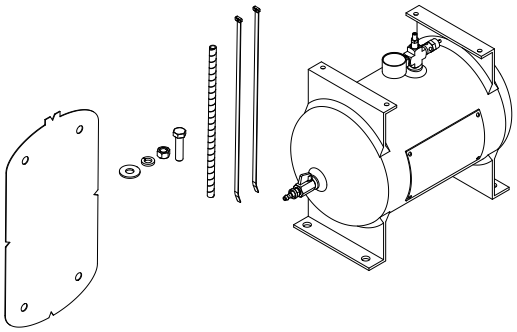


Product Notes:

- 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. LBS.
ASME Air Tank Kit	PAT-N	108232	47.3



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

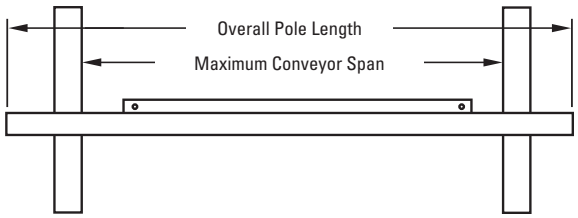
DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
10' (3m) Hose Kit	PATHK	78794	1.5
Upgrade Fitting Kit (fill valve, push-on fittings, plugs)	AWTRK	79319	0.4

Specifications & Guidelines

Pole Length Specifications

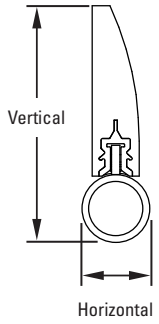
CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
24	600	28	700	84	2100	68	1700
30	750	34	850	90	2250	74	1850
36	900	40	1000	96	2400	80	2000
42	1050	46	1150	102	2550	86	2150
48	1200	52	1300	108	2700	92	2300
54	1350	58	1450	114	2850	98	2450
60	1500	64	1600	120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

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



Clearance Guidelines for Installation

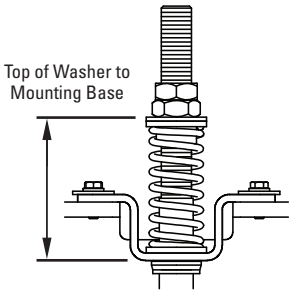
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
4	100	10	250



SST XD Spring Length Chart

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

Shading indicates preferred spring option.



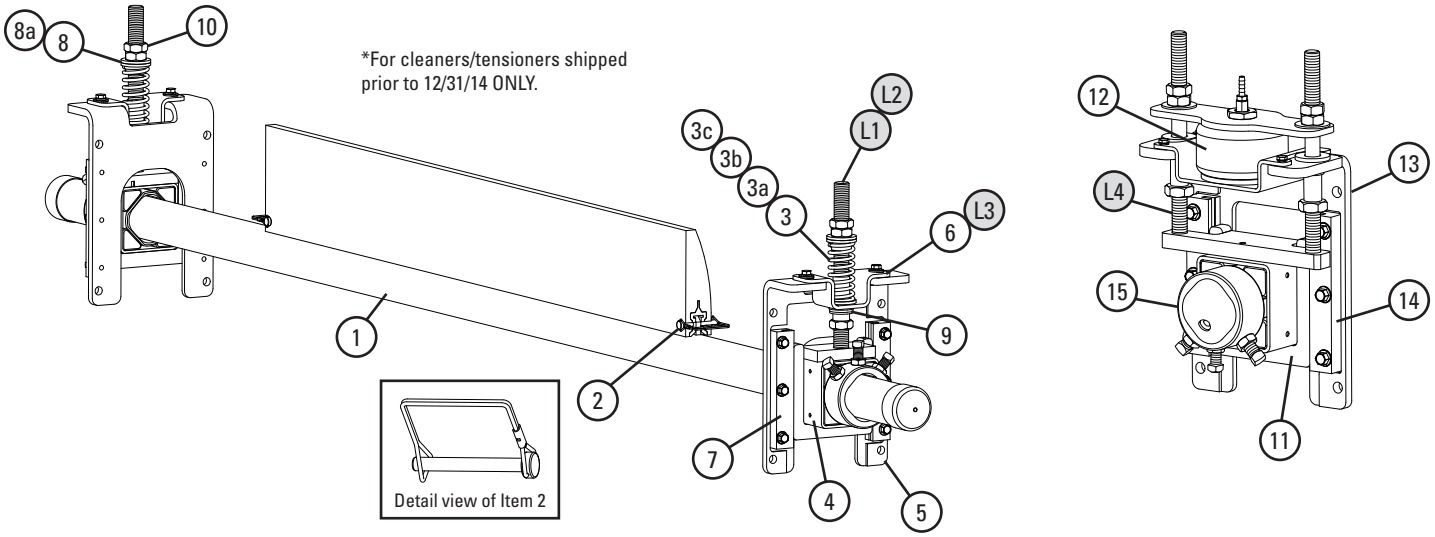
SAT XD Pressure Chart

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

Specifications:

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

Replacement Parts List



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) Pole	MSPP30	75804	46.0
	30" (750mm) Pole	MSPP36	75805	50.5
	36" (900mm) Pole	MSPP42	75806	55.5
	42" (1050mm) Pole	MSPP48	75807	60.0
	48" (1200mm) Pole	MSPP54	75808	64.0
	54" (1350mm) Pole	MSPP60	75809	67.0
	60" (1500mm) Pole	MSPP66	76695	76.0
	72" (1800mm) Pole	DWP-72	75883	90.0
	84" (2100mm) Pole	DWP-84	76815	100.0
	96" (2400mm) Pole	DWP-96	79060	110.0
2	Blade Pin Kit* (1 ea.)	MSPBP	107852	0.1
3	Tension Spring - White (1 ea.) for belts 18–30" (450–750mm)	STS-W	75846	0.5
3a	Tension Spring - Silver (1 ea.) for belts 36–60" (900–1500mm)	STS-S	75843	0.8
3b	Tension Spring - Black (1 ea.) for belts 72–84" (1800–2100mm)	STS-B	75844	1.0
3c	Tension Spring - Gold (1 ea.) for belts 96" (2400mm)	STS-G	78142	1.3
4	HD Torsion Pole Mount* (1 ea.) (incl. 1 adjusting rod, 3 nuts & 1 sleeve) (See 8 & 8a for bushings)	SSTHDPM	77868	15.0
5	SST XD Mounting Base Kit* (incl. 1 mtg. base, 2 slide guides, 1 top hat bracket & 1 bottom bushing)	SSTXDMK	91412	10.2
6	SST Hat Bracket (pair)	SSTHB	79582	3.5
7	SST Slide Guide Kit* (incl. 2 slide guides)	STGK2	77867	1.1
8	SST Bushing Kit - White/Silver (incl. 2 bushings)	SSTBK-W	76636	0.1
8a	SST Bushing Kit - Black/Gold (incl. 2 bushings)	SSTBK-B	76637	0.1
9	SST Lower Bushing Kit (pair)	SSTLBK	79493	0.1
10	Jam Nut Kit SST Tensioner	JNK-C	79893	0.3
–	SST XD Spring Tensioner* - White (incl. (2) ea. items 3, 4, 5, & 8a)	SSTXD-W	91408	60.6
–	SST XD Spring Tensioner* - Silver (incl. (2) ea. items 3a, 4, 5, & 8a)	SSTXD-S	91409	61.4
–	SST XD Spring Tensioner* - Black (incl. (2) ea. items 3b, 4, 5, & 8b)	SSTXD-B	91410	62.0
–	SST XD Spring Tensioner* - Gold (incl. (2) ea. items 3c, 4, 5, & 8b)	SSTXD-G	91411	62.6

*Hardware Included
Lead time: 1 working day

SAT XD Tensioner Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
11	SAT XD	SATXDNCB	78703	41.0
12	SAT Air Bag Kit	SATB	76083	5.1
13	SAT XD Mounting Base Kit	SATXDMK	91415	11.6
14	ST Slide Guide Kit	STGK2	77867	1.1
15	SAT2 Torsion Pole Mount (incl. threaded rods & 6 nuts)	SAT2PM	78732	11.1

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 bushing, 1 washer) for belts 24–60" (600–1500mm)	STAK	75847	2.9
L2	HD Adjusting Rod Kit (incl. 1 rod, 2 nuts, 1 HD bushing, 1 washer) for belts 72–84" (1800–2100mm)	STAKHD	75892	3.0
L3	Legacy SST Hat Channel Kit	SSTHK	79070	1.5
L4	SAT2 Adjusting Rod Kit	SAT2AK	78733	5.0
–	SST Tensioner Bushing Update Kit (incl. 2 lower bushings, 2 sleeves, 2 nuts)	SST-BUK	76943	0.3

* See note on p. 111 to verify if legacy parts are needed.

Spring Tensioner Selection Chart

CLEANER SIZE	91408 SSTXD-W	91409 SSTXD-S	91410 SSTXD-B	91411 SSTXD-G
MDWS 24–30" (600–750 mm)	X			
MDWS 36–60" (900–1500 mm)		X		
MDWS 72–84" (1800–2100 mm)			X	
MDWS 96" (2400 mm)				X

Product Ordering Information

With 208-230/460VAC 3-Phase Motor IP55

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	MBC-18	79494	136.7
24	600	MBC-24	79495	146.5
30	750	MBC-30	79496	150.2
36	900	MBC-36	79497	156.5
42	1050	MBC-42	79498	162.6
48	1200	MBC-48	79499	179.0
54	1350	MBC-54	79500	185.9
60	1500	MBC-60	79501	192.0
72	1800	MBC-72	79502	205.1
84	2100	MBC-84	79503	217.5

Lead time: 1 working day

With IP66 Motor

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	MBC-18-S	91571	136.7
24	600	MBC-24-S	91572	146.5
30	750	MBC-30-S	91573	150.2
36	900	MBC-36-S	91574	156.5
42	1050	MBC-42-S	91575	162.6
48	1200	MBC-48-S	91576	179.0
54	1350	MBC-54-S	91577	185.9
60	1500	MBC-60-S	91578	192.0
72	1800	MBC-72-S	91579	205.1
84	2100	MBC-84-S	91580	217.5

Lead time: 1 working day

With 575V 3-Phase Motor IP55

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	MBC-18-575V	79914	136.7
24	600	MBC-24-575V	79915	146.5
30	750	MBC-30-575V	79916	150.2
36	900	MBC-36-575V	79917	156.5
42	1050	MBC-42-575V	79918	162.6
48	1200	MBC-48-575V	79919	179.0
54	1350	MBC-54-575V	79920	185.9
60	1500	MBC-60-575V	79921	192.0
72	1800	MBC-72-575V	79922	205.1
84	2100	MBC-84-575V	79923	217.5

Lead time: 1 working day

With IP66 Motor

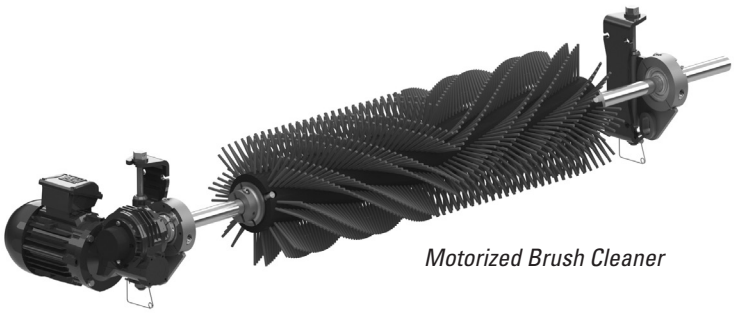
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	MBC-18-575V-S	91581	136.7
24	600	MBC-24-575V-S	91582	146.5
30	750	MBC-30-575V-S	91583	150.2
36	900	MBC-36-575V-S	91584	156.5
42	1050	MBC-42-575V-S	91585	162.6
48	1200	MBC-48-575V-S	91586	179.0
54	1350	MBC-54-575V-S	91587	185.9
60	1500	MBC-60-575V-S	91588	192.0
72	1800	MBC-72-575V-S	91589	205.1
84	2100	MBC-84-575V-S	91590	217.5

Lead time: 1 working day

Replacement Brushes

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	MBRD-18	79514	9.6
24	600	MBRD-24	79515	13.5
30	750	MBRD-30	79516	17.1
36	900	MBRD-36	79517	20.5
42	1050	MBRD-42	79518	23.7
48	1200	MBRD-48	79519	26.8
54	1350	MBRD-54	79520	30.7
60	1500	MBRD-60	79521	33.9
72	1800	MBRD-72	79522	41.0
84	2100	MBRD-84	79523	47.5

Lead time: 1 working day

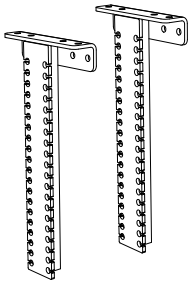


Motorized Brush Cleaner

Optional Mounting Brackets (Pair)

ORDERING NUMBER	ITEM CODE	WT. LBS.
MBCDBK	79536	28.9

Lead time: 1 working day



Product Notes:

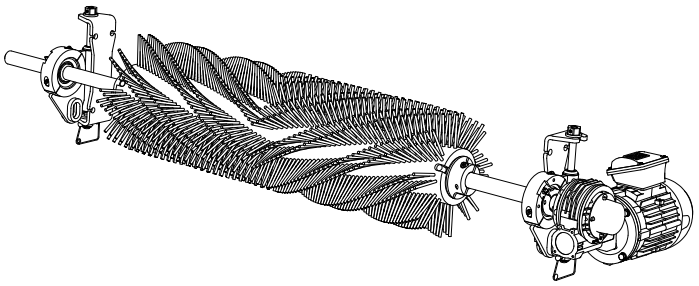
- Spins opposite the belt direction for optimal cleaning.
- Uniquely patterned bristles aid in reducing material buildup and clogging.
- Adjustable tensioners allow easy brush-to-belt adjustment as the bristles wear.
- Works on mechanically spliced or vulcanized belts.

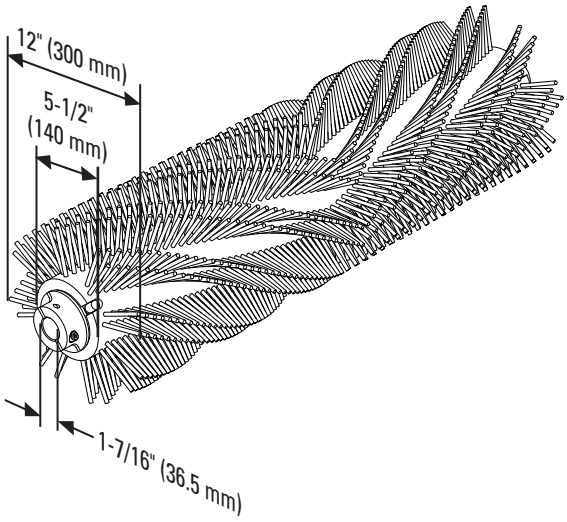
Specifications & Guidelines

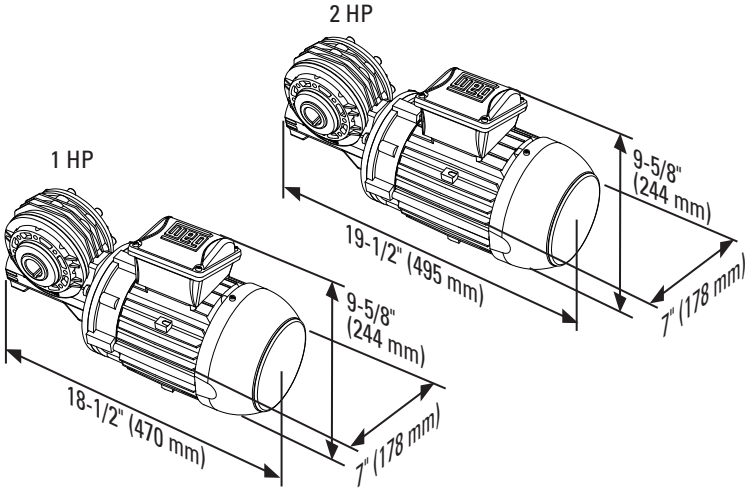
Specifications

Belt Speed	Up to 700 fpm (3.5 m/s)
Vertical and Horizontal Clearance	12" (305mm)
Temperature Range	-20 to 180ºF (-30 to 82ºC)
Maximum Chevron or Cleat Height	1/2" (13mm)
Bristle Length	3-1/4" (83mm)
Overall Diameter	12" (305mm)
Shaft Length	Belt Width plus 42" (1067mm)
Shaft Diameter	1-7/16" (36.5mm)
Motor Voltage and HP Options	**208-230/460VAC 3 Phase*** 1 HP (cleaners 18–42") (450–1050mm) 2 HP (cleaners 48–84") (1200–2100mm)
	575V 3 Phase* 1 HP (cleaners 18–36") (450–900mm) 2 HP (cleaners 42–84") (1050–2100mm)
Motor Ingress Protection	IP55 or IP66
CEMA Cleaner Rating	Class 4

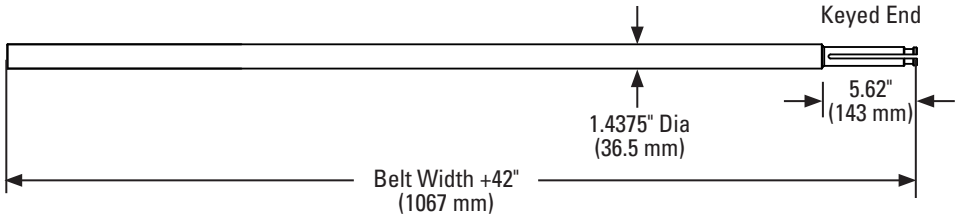
*Other motors available upon request







Shaft Measurements



Product Notes:

- Spins opposite the belt direction for optimal cleaning.
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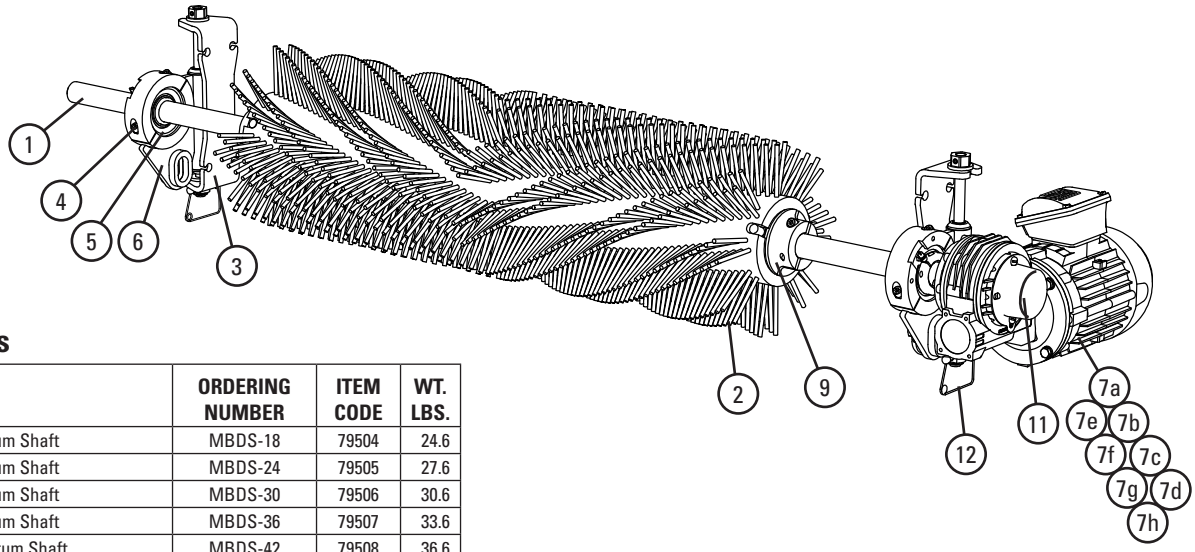
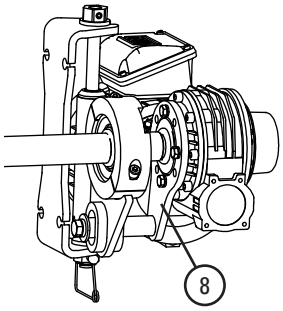
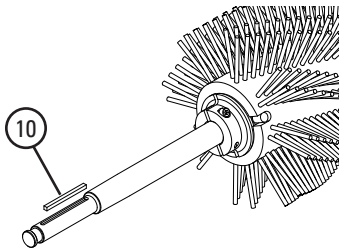
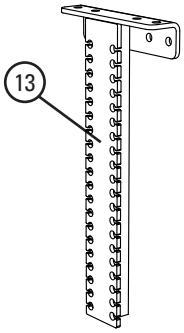
- Adjustable tensioners allow easy brush-to-belt adjustment as the bristles wear.
- Works on mechanically spliced or vulcanized belts.

Replacement Parts List







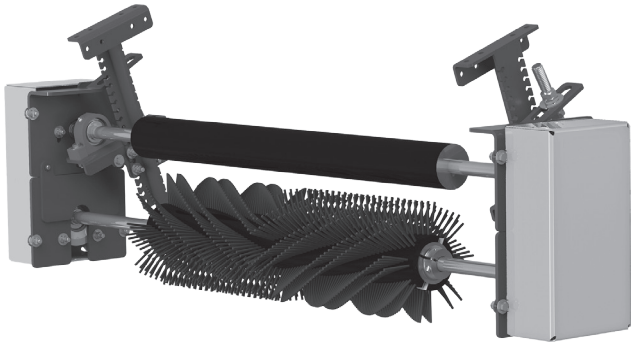


Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Brush Drum Shaft	MBDS-18	79504	24.6
	24" (600mm) Brush Drum Shaft	MBDS-24	79505	27.6
	30" (750mm) Brush Drum Shaft	MBDS-30	79506	30.6
	36" (900mm) Brush Drum Shaft	MBDS-36	79507	33.6
	42" (1050mm) Brush Drum Shaft	MBDS-42	79508	36.6
	48" (1200mm) Brush Drum Shaft	MBDS-48	79509	39.5
	54" (1350mm) Brush Drum Shaft	MBDS-54	79510	42.5
	60" (1500mm) Brush Drum Shaft	MBDS-60	79511	45.5
	72" (1800mm) Brush Drum Shaft	MBDS-72	79512	51.5
	84" (2100mm) Brush Drum Shaft	MBDS-84	79513	57.5
2	18" (450mm) Replacement Brush Drum	MBRD-18	79514	9.6
	24" (600mm) Replacement Brush Drum	MBRD-24	79515	13.5
	30" (750mm) Replacement Brush Drum	MBRD-30	79516	17.1
	36" (900mm) Replacement Brush Drum	MBRD-36	79517	20.5
	42" (1050mm) Replacement Brush Drum	MBRD-42	79518	23.7
	48" (1200mm) Replacement Brush Drum	MBRD-48	79519	26.8
	54" (1350mm) Replacement Brush Drum	MBRD-54	79520	30.7
	60" (1500mm) Replacement Brush Drum	MBRD-60	79521	33.9
	72" (1800mm) Replacement Brush Drum	MBRD-72	79522	41.0
	84" (2100mm) Replacement Brush Drum	MBRD-84	79523	47.5
3	Brush Mounting Base* (1)	MBCMK	79524	4.7
4	Brush Bearing Clamp* (1)	MBCBC	79525	1.9
5	Brush Cleaner Bearings (2)	MBCB	79526	7.2
6	Brush Bearing Mount* (1)	MBCBM	79528	9.7
7a	Gearmotor Assy, 1 HP IP55 for belts up to 42" (1050mm)	MBCM-1	79529	55.0
7b	Gearmotor Assy, 2 HP IP55 for belts 48" (1200mm) and up	MBCM-2	79530	65.0
7c	Gearmotor Assy, 1 HP 575V IP55 for belts up to 36" (900mm)	MBCM-575-1	79924	55.0
7d	Gearmotor Assy, 2 HP 575V IP55 for belts 42" (1050mm) and up	MBCM-575-2	79925	65.0
7e	Gearmotor Assy, 1 HP IP66 for belts up to 42" (1050mm)	MBCM-1-S	91591	55.0
7f	Gearmotor Assy, 2 HP IP66 for belts 48" (1200mm) and up	MBCM-2-S	91592	65.0
7g	Gearmotor Assy, 1 HP 575V IP66 for belts up to 36" (900mm)	MBCM-575-1-S	91593	55.0
7h	Gearmotor Assy, 2 HP 575V IP66 for belts 42" (1050mm) and up	MBCM-575-2-S	91594	65.0
8	Brush Cleaner Torque Arm* (1)	MBCTA	79531	2.5
9	Brush Locks* (2)	MBCBL	79532	9.4
10	Brush Motor Key Kit (1)	MBCMKK	79533	0.3
11	MBC Shaft End Cap* (1)	MBCEC	79534	0.1
12	Tensioner Lock Pins (2)	STLP	79535	0.2
13	Brush Cleaner Drop Brackets* (2)	MBCDBK	79536	28.9
-	Brush Cleaner Adjusting Bracket (1) (incl. (1) bearing; (1) ea. items 3, 4, 6 &12)	MBADB	79527	18.1

*Hardware Included
‡ If brush ordered before January 2021, also order replacement shaft
Lead time: 1 working day

Product Ordering Information



Belt Driven Brush Cleaner

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	BDBC-24	93119	331.7
30	750	BDBC-30	93120	349.1
36	900	BDBC-36	93121	366.2
42	1050	BDBC-42	93122	383.0
48	1200	BDBC-48	93123	400.0
54	1350	BDBC-54	93124	417.5
60	1500	BDBC-60	93125	434.4
72	1800	BDBC-72	93126	468.9

Lead time: 1 working day

Replacement Brushes

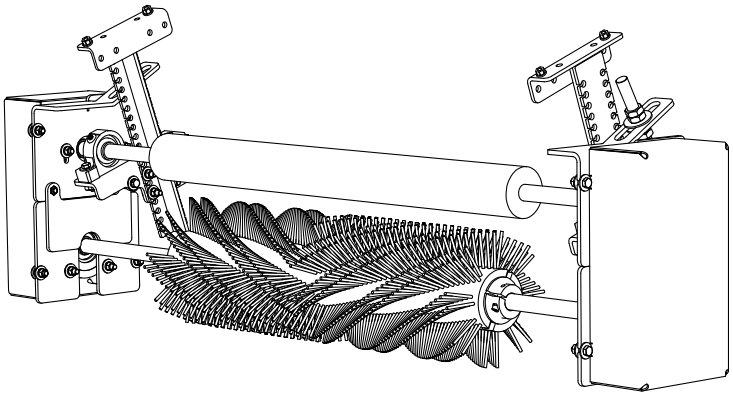
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	MBRD-24	79515	13.5
30	750	MBRD-30	79516	17.1
36	900	MBRD-36	79517	20.5
42	1050	MBRD-42	79518	23.7
48	1200	MBRD-48	79519	26.8
54	1350	MBRD-54	79520	30.7
60	1500	MBRD-60	79521	33.9
72	1800	MBRD-72	79522	41.0

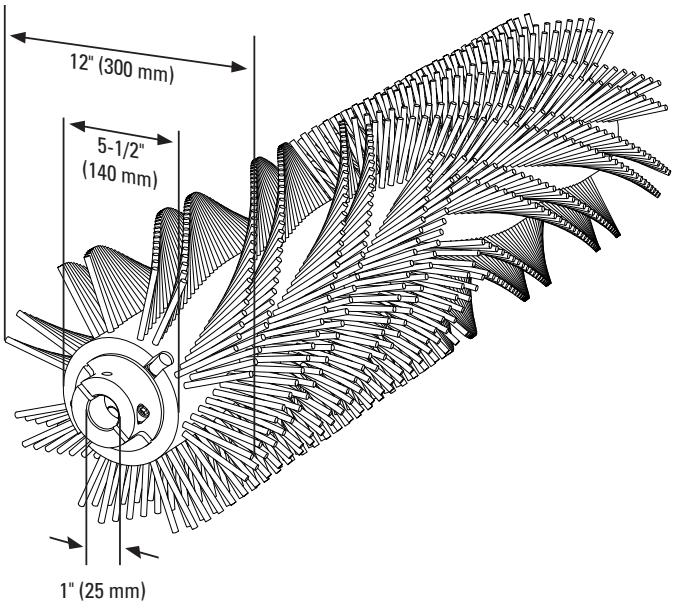
Lead time: 1 working day

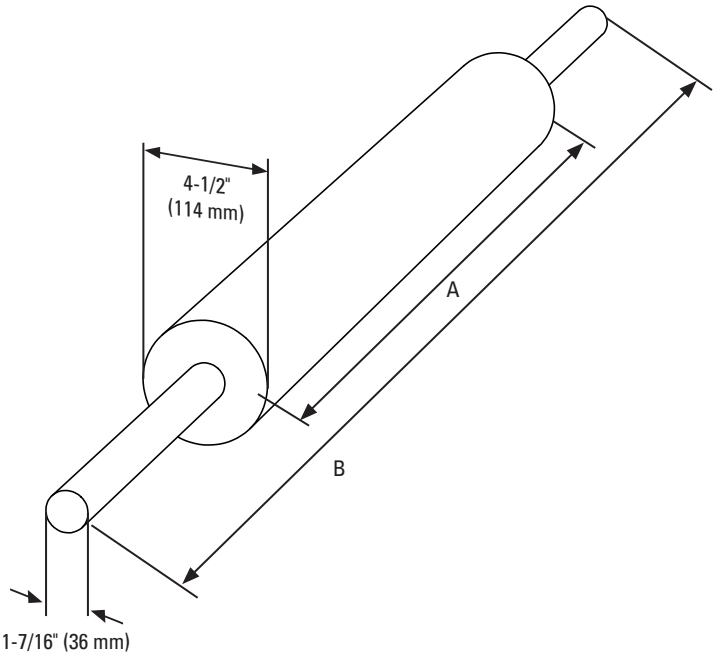
Specifications & Guidelines

Specifications

Belt Speed	Up to 700 fpm (3.5 m/s)
Vertical Clearance	24.5" (622mm)
Horizontal Clearance	28.38" (720mm)
Temperature Range	-20 to 180ºF (-30 to 82ºC)
Maximum Chevron or Cleat Height	1/2" (13mm)
Bristle Length	3-1/4" (83mm)
Overall Diameter	12" (305mm)
Shaft Length (Brush and Roller)	Belt Width plus 42" (1067mm)
Shaft Diameter	1" (25mm)
CEMA Cleaner Rating	Class 4

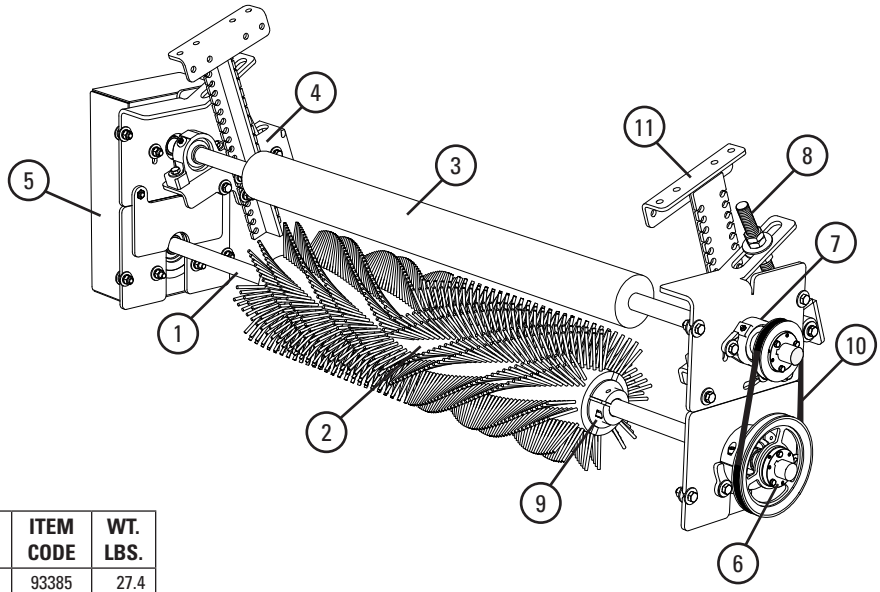






Belt Width		Roller Length "A"		Shaft Length "B"	
in.	**mm**	**in.**	**mm**	**in.**	**mm**
24	600	30	750	66	1650
30	750	36	900	72	1800
36	900	42	1050	78	1950
42	1050	48	1200	84	2100
48	1200	54	1350	90	2250
54	1350	60	1500	96	2400
60	1500	66	1650	102	2550
72	1800	78	1950	114	2850

Replacement Parts List



Replacement Parts

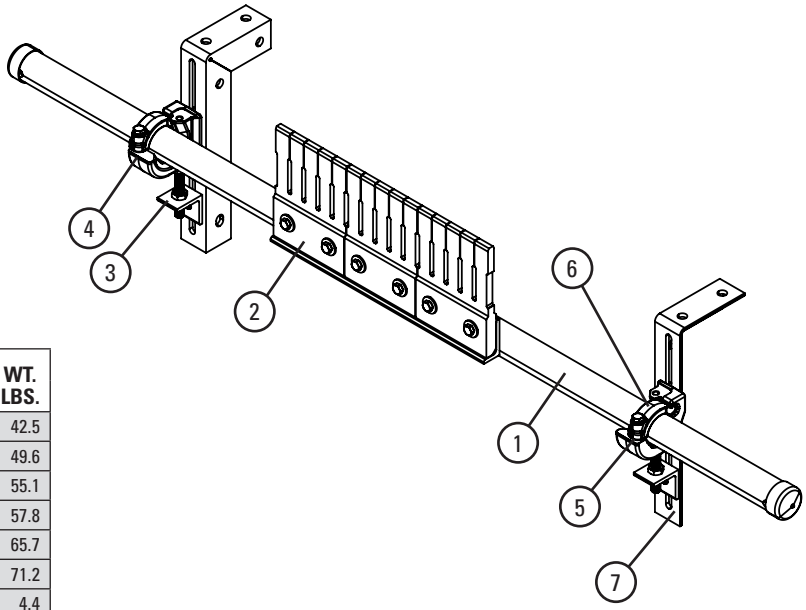
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) Brush Drum Shaft	BDBCR-BS-24	93385	27.4
	30" (750mm) Brush Drum Shaft	BDBCR-BS-30	93386	30.2
	36" (900mm) Brush Drum Shaft	BDBCR-BS-36	93387	32.9
	42" (1050mm) Brush Drum Shaft	BDBCR-BS-42	93388	35.7
	48" (1200mm) Brush Drum Shaft	BDBCR-BS-48	93389	38.4
	54" (1350mm) Brush Drum Shaft	BDBCR-BS-54	93390	41.2
	60" (1500mm) Brush Drum Shaft	BDBCR-BS-60	93391	43.9
	72" (1800mm) Brush Drum Shaft	BDBCR-BS-72	93392	46.6
2	24" (600mm) Replacement Brush Drum	MBRD-24	79515	13.5
	30" (750mm) Replacement Brush Drum	MBRD-30	79516	17.1
	36" (900mm) Replacement Brush Drum	MBRD-36	79517	20.5
	42" (1050mm) Replacement Brush Drum	MBRD-42	79518	23.7
	48" (1200mm) Replacement Brush Drum	MBRD-48	79519	26.8
	54" (1350mm) Replacement Brush Drum	MBRD-54	79520	30.7
	60" (1500mm) Replacement Brush Drum	MBRD-60	79521	33.9
	72" (1800mm) Replacement Brush Drum	MBRD-72	79522	41.0
3	24" (600mm) Replacement Roller	BDBCR-HDR-24	93377	79.5
	30" (750mm) Replacement Roller	BDBCR-HDR-30	93378	91.0
	36" (900mm) Replacement Roller	BDBCR-HDR-36	93379	102.6
	42" (1050mm) Replacement Roller	BDBCR-HDR-42	93380	113.3
	48" (1200mm) Replacement Roller	BDBCR-HDR-48	93381	124.7
	54" (1350mm) Replacement Roller	BDBCR-HDR-54	93382	136.2
	60" (1500mm) Replacement Roller	BDBCR-HDR-60	93383	147.6
	72" (1800mm) Replacement Roller	BDBCR-HDR-72	93384	170.5
4	Support Spacer Kit	BDBDR-SPACER	93370	1.7
5	Drive Guard Kit	BDBDR-GUARD	93371	20.6
6	Brush Shaft Bearing/Drive Hardware	BDBCR-B-HW	93372	8.0
7	Roller Shaft Bearing/Drive Hardware	BDBCR-R-HW	93373	23.3
8	Adjustment Arm Kit	BDBCR-ADJARM	93374	8.5
9	Brush Lock Kit	MBCBL	79532	9.4
10	Replacement V-Belt	BDBCR-VBELT	93376	0.3
11	Brush Cleaner Drop Brackets* (2)	MBCDBK	79536	28.9
-	Tensioner Mounting Kit	BDBC-TMK	93127	92.8

*Hardware included

Product Ordering Information

CFC Secondary Cleaner

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	22	540	CFC-600	104551	59.5
32	800	29	720	CFC-800	104552	73.9
40	1000	36	900	CFC-1000	104553	81.6
48	1200	43	1080	CFC-1200	104554	89.3
56	1400	50	1260	CFC-1400	104555	94.8
64	1600	58	1440	CFC-1600	104556	99.2



Replacement Parts

REF	DESCRIPTION	LENGTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
		in.	mm			
1	24" (600mm) Pole	77	1950	CFCP 600	104589	42.5
	32" (800mm) Pole	87	2200	CFCP 800	104590	49.6
	40" (1000mm) Pole	93	2350	CFCP 1000	104591	55.1
	48" (1200mm) Pole	93	2350	CFCP 1200	104592	57.8
	56" (1400mm) Pole	104	2650	CFCP 1400	104593	65.7
	64" (1600mm) Pole	110	2800	CFCP 1600	104594	71.2
2	Repl Blade/Fingers (1 segment)			CFCS180	104587	4.4
3	Adjusting Bracket* (1 ea.)			PAB	75513	1.5
4	Pole Clamp Kit – Left* (1 ea.) (incl. (1) item 6)			CCKL	79224	6.8
5	Pole Clamp Kit – Right* (1 ea.) (incl. (1) item 6)			CCKR	79228	6.8
6	Pole Clamp Top Strap (1 ea.) (for use on left or right Role Clamp Kit)			CCKTS	79232	1.1
7	Mounting Bracket Kit (1 Right and 1 Left)			EZS2MBK	75666	13.0
-	Cradle Clamp Mounting Kit* (incl. (2) ea. item 3; (1) ea. items 4, 5 & 7)			CCMK	78919	33.1

*Hardware Included
Lead time: 12 weeks

Product Notes:

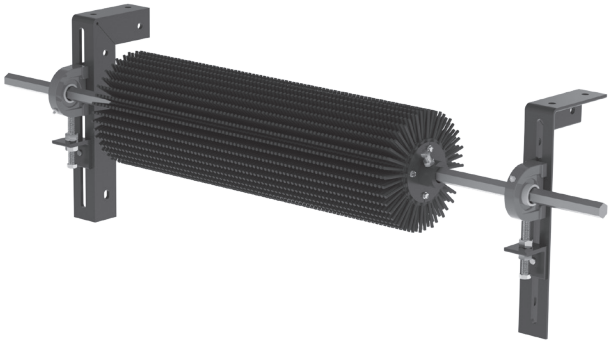
- Effectively cleans chevron belts with maximum chevron or cleat height up to 1 1/4" (32 mm) and belt speed up to 500 FPM (2.5 m/s).
- Easy to install. Few parts and step-by-step instructions make the job simple.

Product Ordering Information

Chevron Belt Cleaner

BELT WIDTH		DRUM WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
18	450	18	450	CBC18	76668	74.0
24	600	24	600	CBC24	76669	81.9
30	750	30	750	CBC30	76670	90.8
36	900	36	900	CBC36	76671	99.7
42	1050	42	1050	CBC42	76672	107.5
48	1200	48	1200	CBC48	76673	116.5
54	1350	54	1350	CBC54	76674	124.3
60	1500	60	1500	CBC60	76675	133.2
72	1800	72	1800	CBC72	90762	150.0
84	2100	84	2100	CBC84	90763	166.8

Lead time: 1 working day

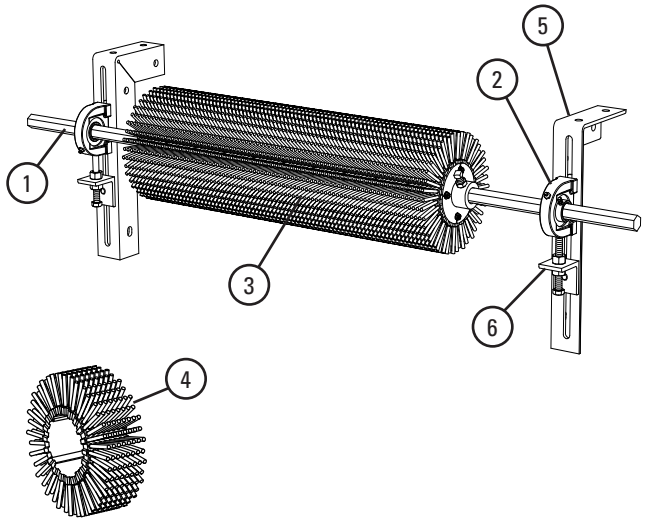


Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Drum Shaft	CBCS18	90537	15.1
	24" (600mm) Drum Shaft	CBCS24	90538	17.0
	30" (750mm) Drum Shaft	CBCS30	90539	18.9
	36" (900mm) Drum Shaft	CBCS36	90540	20.8
	42" (1050mm) Drum Shaft	CBCS42	90541	22.7
	48" (1200mm) Drum Shaft	CBCS48	90542	24.6
	54" (1350mm) Drum Shaft	CBCS54	90543	26.4
	60" (1500mm) Drum Shaft	CBCS60	90544	28.3
	72" (1800mm) Drum Shaft	CBCS72	90554	33.9
	84" (2100mm) Drum Shaft	CBCS84	90555	39.6
2	Chevron Pillow Block*	CPB	76692	1.2
3	18" (450mm) Repl Drum w/Fingers*	CRDF18	90631	25.0
	24" (600mm) Repl Drum w/Fingers*	CRDF24	90632	31.0
	30" (750mm) Repl Drum w/Fingers*	CRDF30	90633	38.0
	36" (900mm) Repl Drum w/Fingers*	CRDF36	90634	45.0
	42" (1050mm) Repl Drum w/Fingers*	CRDF42	90635	51.0
	48" (1200mm) Repl Drum w/Fingers*	CRDF48	90636	58.0
	54" (1350mm) Repl Drum w/Fingers*	CRDF54	90637	64.0
	60" (1500mm) Repl Drum w/Fingers*	CRDF60	90638	71.0
	72" (1800mm) Repl Drum w/Fingers*	CRDF72	90639	84.0
	84" (2100mm) Repl Drum w/Fingers*	CRDF84	90640	97.0
4	3" (75mm) Replacement Finger Ring	CBC3R	90641	2.5
5	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	13.0
6	Adjusting Bracket Kit* (1 ea.)	PAB	75513	1.5

*Hardware Included
Lead time: 1 working day

Shaded items are made to order.
Lead time: 3 working days



Specifications

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

Product Notes:

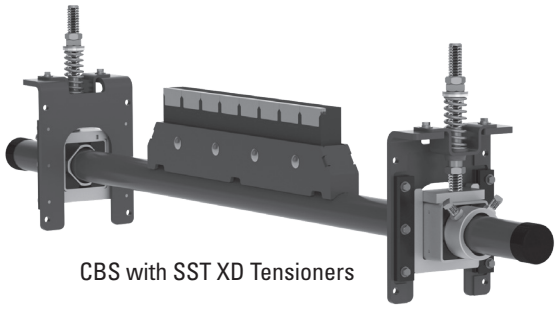
- Free-rotating. Works only when the belt is running.
- Self-cleaning. Finger length, spacing and the rotary action allows carryback to fall free instead of clogging.
- Easy to install. Few parts and step-by-step instructions make the job simple.
- Long-wearing SBR rubber. Drum life ranges from 1 to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

Product Ordering Information

With SST XD Tensioners

BELT WIDTH		FLAT BLADE		CURVED BLADE		
in.	mm	ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE	WT. LBS.
18	450	CBS18SF	79936	CBS18SC	91495	154.0
24	600	CBS24SF	79937	CBS24SC	91496	168.0
30	750	CBS30SF	79938	CBS30SC	91497	182.0
36	900	CBS36SF	79939	CBS36SC	91498	196.0
42	1050	CBS42SF	79940	CBS42SC	91499	210.0
48	1200	CBS48SF	79941	CBS48SC	91500	224.0
54	1350	CBS54SF	79942	CBS54SC	91501	238.0
60	1500	CBS60SF	79943	CBS60SC	91502	252.0
72	1800	CBS72SF	79944	CBS72SC	91503	280.0
84	2100	CBS84SF	79945	CBS84SC	91504	308.0
96	2400	CBS96SF	79946	CBS96SC	91505	336.0

Lead time: 1 day; shaded items 3 weeks

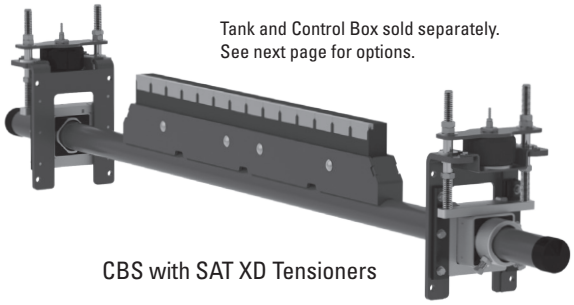


CBS with SST XD Tensioners

With SAT XD Tensioners

BELT WIDTH		FLAT BLADE		CURVED BLADE		
in.	mm	ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE	WT. LBS.
18	450	CBS18PF	79958	CBS18PC	91549	135.5
24	600	CBS24PF	79959	CBS24PC	91550	149.5
30	750	CBS30PF	79960	CBS30PC	91551	163.5
36	900	CBS36PF	79961	CBS36PC	91552	177.5
42	1050	CBS42PF	79962	CBS42PC	91553	191.5
48	1200	CBS48PF	79963	CBS48PC	91554	205.5
54	1350	CBS54PF	79964	CBS54PC	91555	219.5
60	1500	CBS60PF	79965	CBS60PC	91556	233.5
72	1800	CBS72PF	79966	CBS72PC	91557	261.5
84	2100	CBS84PF	79967	CBS84PC	91558	289.5
96	2400	CBS96PF	79968	CBS96PC	91559	317.5

Lead time: 1 day; shaded items 3 weeks



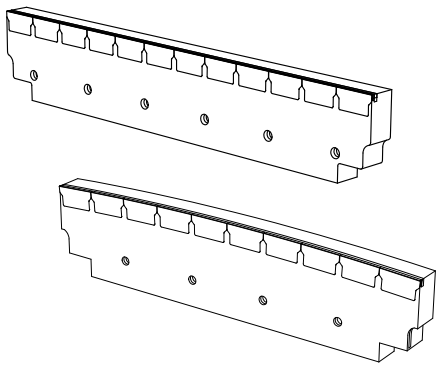
Tank and Control Box sold separately.
See next page for options.

CBS with SAT XD Tensioners

Replacement Blades

BELT WIDTH		FLAT BLADE		CURVED BLADE		
in.	mm	ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE	WT. LBS.
18	450	CBSBLD18F	79947	CBSBLD18C	91527	23.0
24	600	CBSBLD24F	79948	CBSBLD24C	91528	29.0
30	750	CBSBLD30F	79949	CBSBLD30C	91529	35.0
36	900	CBSBLD36F	79950	CBSBLD36C	91530	41.0
42	1050	CBSBLD42F	79951	CBSBLD42C	91531	47.0
48	1200	CBSBLD48F	79952	CBSBLD48C	91532	53.0
54	1350	CBSBLD54F	79953	CBSBLD54C	91533	59.0
60	1500	CBSBLD60F	79954	CBSBLD60C	91534	65.0
72	1800	CBSBLD72F	79955	CBSBLD72C	91535	77.0
84	2100	CBSBLD84F	79956	CBSBLD84C	91536	89.0
96	2400	CBSBLD96F	79957	CBSBLD96C	91537	101.0

Lead time: 1 day; shaded items 3 weeks



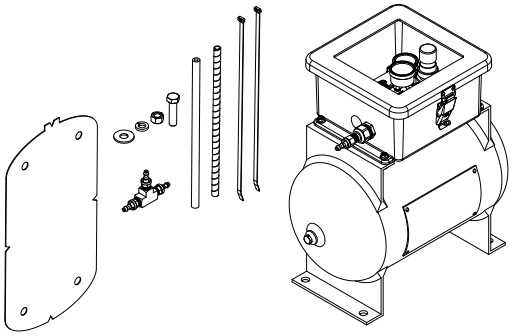
Product Notes:

- Heavy-duty design to deliver maximum cleaning efficiency on the most demanding, abusive beltlines.
- Pole Length: Belt width plus 54" (1350 mm). For longer requirements, see Mineline Installation Accessories – Pole Extender Kit (p. 145).
- Cleaners with SAT XD Tensioning come with 50' (15.2 m) of hose and 1' (300 mm) hose wrap.
- To make cleaner installation easier and quicker, see Optional Mounting Kits (p. 145).
- It is recommended that mechanical fasteners on the belt be skived.

Product Ordering Information

Control Box/Tank Combo Units for Closed System

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Control Box/Tank Combo Unit for Precleaner - 60 PSI	PAT-C-60	108230	64.0
Control Box/Tank Combo Unit for Secondary Cleaner - 100 PSI	PAT-C-100	108231	64.0

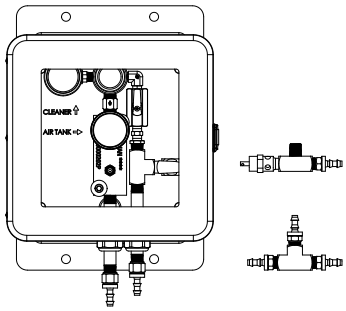


Product Notes:

- 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. LBS.
Control Box Kit for Precleaner - 60 PSI	PACB2-60	108228	13.6
Control Box Kit for Secondary Cleaner - 100 PSI	PACB2-100	108229	13.6

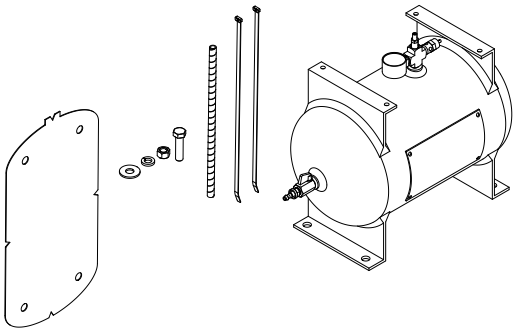


Product Notes:

- 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. LBS.
ASME Air Tank Kit	PAT-N	108232	47.3



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.

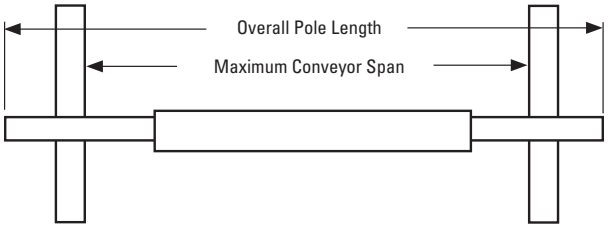
Replacement Parts List

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
10' (3m) Hose Kit	PATHK	78794	1.5
Upgrade Fitting Kit (fill valve, push-on fittings, plugs)	AWTRK	79319	0.4

Pole Length Specifications

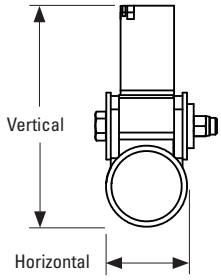
CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
18	450	18	450	72	1800	62	1550
24	600	24	600	78	1950	68	1700
30	750	30	750	84	2100	74	1850
36	900	36	900	90	2250	80	2000
42	1050	42	1050	96	2400	86	2150
48	1200	48	1200	102	2550	92	2300
54	1350	54	1350	108	2700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

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750 mm) of extended pole length. See p. 145.
Pole Diameter - 2-7/8" (73 mm)



Clearance Guidelines for Installation

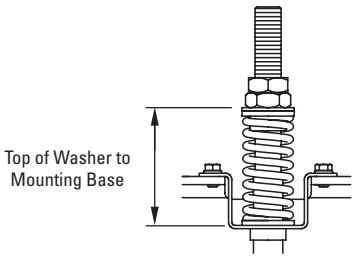
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
5	125	10	254



SST XD Spring Length Chart

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

Shading indicates preferred spring option.



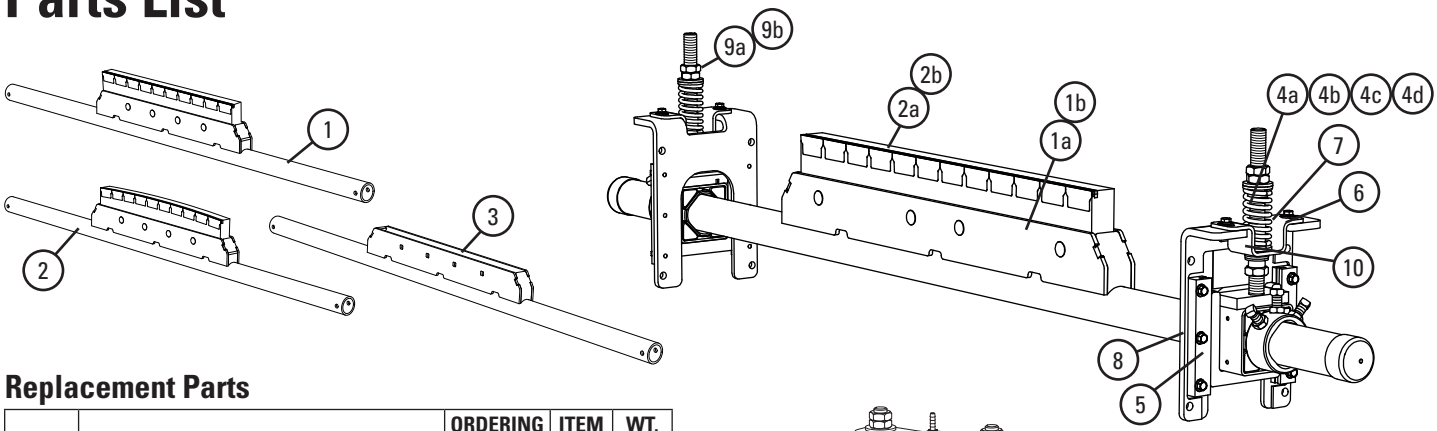
Pressure Chart

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

Specifications:

- Maximum Belt Speed .....800 FPM (4 m/s) for mechanical fasteners
  1200 FPM (6 m/s) for vulcanized belts
- Temperature Rating .....-30 to 180°F (-35 to 82°C)
- Available for Belt Widths .....18 to 96" (450 to 2400 mm). Other sizes available upon request.

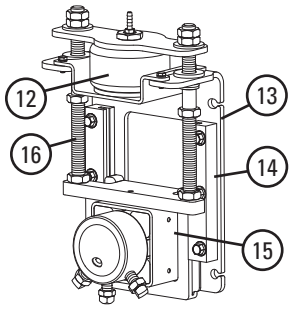
Replacement Parts List



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1 (flat)	18" (450mm) CBS Blade/Pole	CBSBP18F	90101	84.0
	24" (600mm) CBS Blade/Pole	CBSBP24F	90102	98.0
	30" (750mm) CBS Blade/Pole	CBSBP30F	90103	112.0
	36" (900mm) CBS Blade/Pole	CBSBP36F	90104	126.0
	42" (1050mm) CBS Blade/Pole	CBSBP42F	90105	140.0
	48" (1200mm) CBS Blade/Pole	CBSBP48F	90106	154.0
	54" (1350mm) CBS Blade/Pole	CBSBP54F	90107	168.0
	60" (1500mm) CBS Blade/Pole	CBSBP60F	90108	182.0
	72" (1800mm) CBS Blade/Pole	CBSBP72F	90109	210.0
	84" (2100mm) CBS Blade/Pole	CBSBP84F	90110	238.0
	96" (2400mm) CBS Blade/Pole	CBSBP96F	90111	266.0
2 (curved)	18" (450mm) CBS Blade/Pole	CBSBP18C	91538	84.0
	24" (600mm) CBS Blade/Pole	CBSBP24C	91539	98.0
	30" (750mm) CBS Blade/Pole	CBSBP30C	91540	112.0
	36" (900mm) CBS Blade/Pole	CBSBP36C	91541	126.0
	42" (1050mm) CBS Blade/Pole	CBSBP42C	91542	140.0
	48" (1200mm) CBS Blade/Pole	CBSBP48C	91543	154.0
	54" (1350mm) CBS Blade/Pole	CBSBP54C	91544	168.0
	60" (1500mm) CBS Blade/Pole	CBSBP60C	91545	182.0
	72" (1800mm) CBS Blade/Pole	CBSBP72C	91546	210.0
	84" (2100mm) CBS Blade/Pole	CBSBP84C	91547	238.0
	96" (2400mm) CBS Blade/Pole	CBSBP96C	91548	266.0
3	18" (450mm) CBS Repl Pole	CBSP18	91432	68.0
	24" (600mm) CBS Repl Pole	CBSP24	91433	76.0
	30" (750mm) CBS Repl Pole	CBSP30	91434	85.0
	36" (900mm) CBS Repl Pole	CBSP36	91435	93.0
	42" (1050mm) CBS Repl Pole	CBSP42	91436	101.0
	48" (1200mm) CBS Repl Pole	CBSP48	91437	109.0
	54" (1350mm) CBS Repl Pole	CBSP54	91438	118.0
	60" (1500mm) CBS Repl Pole	CBSP60	91439	126.0
	72" (1800mm) CBS Repl Pole	CBSP72	91440	143.0
	84" (2100mm) CBS Repl Pole	CBSP84	91441	159.0
	96" (2400mm) CBS Repl Pole	CBSP96	91442	176.0
4a	Tension Spring - White (1 ea.)	STS-W	75846	0.5
4b	Tension Spring - Silver (1 ea.)	STS-S	75843	0.8
4c	Tension Spring - Black (1 ea.)	STS-B	75844	1.0
4d	Tension Spring - Gold (1 ea.)	STS-G	78142	1.3
5	HD Torsion Pole Mount* (1 ea.) (incl. HD adjusting rod, nuts & sleeve) (See 9 & 9a for bushings)	SSTHDPM	77868	15.0
6	SST XD Mounting Base Kit* (incl. 1 mtg base, 2 slide guides, top hat bracket & bottom bushing)	SSTXDMK	91412	10.2
7	SST Hat Bracket (pair)	SSTHB	79582	3.0
8	Slide Guide Kit* (incl. 2 slide guides)	STGK2	77867	1.1
9a	SST Bushing Kit - White/Silver (incl. 2 bushings)	SSTBK-W	76636	0.1
9b	SST Bushing Kit - Black/Gold (incl. 2 bushings)	SSTBK-B	76637	0.1
10	SST Lower Bushing Kit (pair)	SSTLBK	79493	0.2

*Hardware Included
Lead time: 1 day; shaded items 3 weeks



(11) Secondary Air Tensioner XD

SAT XD Tensioner Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
11	SAT XD	SATXDNCB	91414	41.0
12	SAT Air Bag Kit	SATB	76083	5.1
13	SAT XD Mounting Base Kit	SATXDMK	91415	11.6
14	ST Slide Guide Kit	STGK2	77867	1.1
15	SAT2 Torsion Pole Mount	SAT2PM	78732	11.1
16	SAT2 Adjusting Rod Kit	SAT2AK	78733	5.0

Lead time: 1 working day

SST XD Tensioner Options

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
–	SST XD Spring Tensioner* - White (incl. (2) ea. items 4a, 5, 6, & 9a)	SSTXD-W	91408	60.6
–	SST XD Spring Tensioner* - Silver (incl. (2) ea. items 4b, 5, 6, & 9a)	SSTXD-S	91409	61.4
–	SST XD Spring Tensioner* - Black (incl. (2) ea. items 4c, 5, 6, & 9b)	SSTXD-B	91410	62.0
–	SST XD Spring Tensioner* - Gold (incl. (2) ea. items 4d, 5, 6, & 9b)	SSTXD-G	91411	62.6

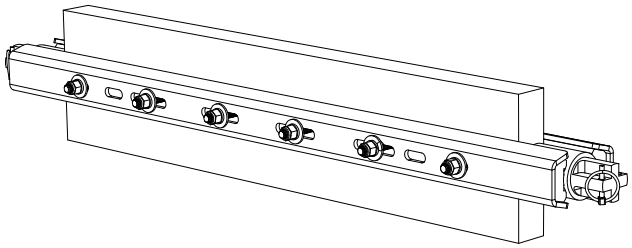
Spring Tensioner Selection Chart

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

Product Ordering Information

Flexco Retrofit Replacement Blades for Richwood® 1C Cleaner

Richwood® is a registered trademark of Richwood Industries, Inc.
The replacement parts described herein are designed and made by Flexco.
Flexco is not affiliated with or authorized by Richwood.



Belt Width Minus 6" (150 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	RWPREC-624	90068	37.7
30	750	24	600	RWPREC-630	90069	48.9
36	900	30	750	RWPREC-636	90070	54.4
42	1050	36	900	RWPREC-642	90071	62.6
48	1200	42	1050	RWPREC-648	90072	71.1
54	1350	48	1200	RWPREC-654	90073	79.3
60	1500	54	1350	RWPREC-660	90074	87.7
72	1800	66	1650	RWPREC-672	90075	104.4
84	2100	78	1950	RWPREC-684	90076	121.1
96	2400	90	2250	RWPREC-696	90077	137.8

Lead time: 1 working day

Belt Width Minus 12" (300 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
30	750	18	450	RWPREC-1230	90078	40.9
36	900	24	600	RWPREC-1236	90079	50.1
42	1050	30	750	RWPREC-1242	90080	57.6
48	1200	36	900	RWPREC-1248	90081	66.8
54	1350	42	1050	RWPREC-1254	90082	74.3
60	1500	48	1200	RWPREC-1260	90083	83.5
72	1800	60	1500	RWPREC-1272	90084	100.2
84	2100	72	1800	RWPREC-1284	90085	116.9
96	2400	84	2100	RWPREC-1296	90086	133.6

Lead time: 1 working day

Belt Width Minus 18" (450 mm)

BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
36	900	18	450	RWPREC-1836	91214	45.1
42	1050	24	600	RWPREC-1842	91215	53.3
48	1200	30	750	RWPREC-1848	91216	61.8
54	1350	36	900	RWPREC-1854	91217	70.0
60	1500	42	1050	RWPREC-1860	91218	78.5
72	1800	54	1350	RWPREC-1872	91219	95.2
84	2100	66	1650	RWPREC-1884	91220	111.9
96	2400	78	1950	RWPREC-1896	91221	128.6

Lead time: 1 working day

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

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 12" (300 mm) may be the best selection.
- Each cleaner can be retrofitted with multiple standard replacement blade sizes belt width minus 6" (150 mm), 12" (300 mm), 18" (450 mm), and provides additional options for custom-fit material paths.
- Blades can be worn until 1/4" (6 mm) above the blade holder, then rotated 180° for a second blade wear area.
- Works with mechanical or vulcanized splices.
- Replacement blades with this design are simple and easy – no longer do you need to purchase an entire blade/pole assembly to replace the blade.

Product Ordering Information

Flexco Retrofit Replacement Blades
for Richwood® 1C Cleaner

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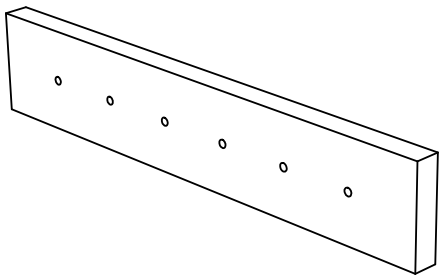

Retrofit Blades

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	RWPBLD-18	90087	12.7
24	600	RWPBLD-24	90088	16.9
30	750	RWPBLD-30	90089	21.1
36	900	RWPBLD-36	90090	25.3
42	1050	RWPBLD-42	90091	29.6
48	1200	RWPBLD-48	90092	33.8
54	1350	RWPBLD-54	90093	38.0
60	1500	RWPBLD-60	90094	42.2
66	1650	RWPBLD-66	90095	46.5
72	1800	RWPBLD-72	90096	50.7
78	1950	RWPBLD-78	90097	54.9
84	2100	RWPBLD-84	90098	59.1
90	2250	RWPBLD-90	90099	63.4

*Hardware included
Lead time: 1 working day

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

Product Ordering Information

Flexco Retrofit Replacement Blades for Richwood® 1C-ICT Cleaner

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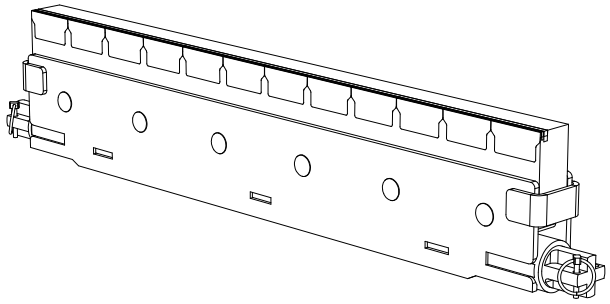
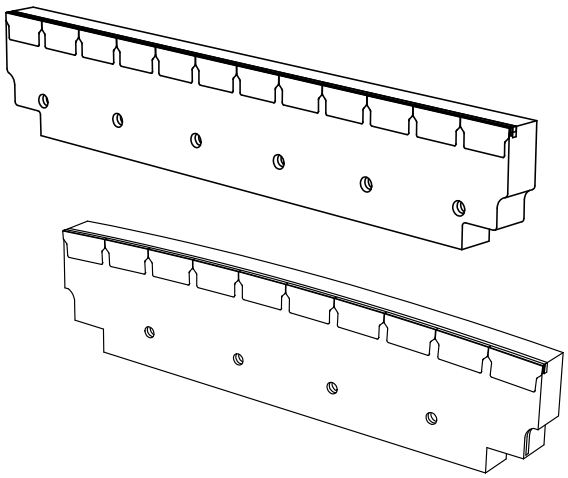
Retrofit Blade/Holder



BELT WIDTH		FLAT BLADE		CURVED BLADE		
in.	mm	ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE	WT. LBS.
18	450	RWSECS-18F	91417	RWSECS-18C	91560	42.0
24	600	RWSECS-24F	91418	RWSECS-24C	91561	53.0
30	750	RWSECS-30F	91419	RWSECS-30C	91562	64.0
36	900	RWSECS-36F	91420	RWSECS-36C	91563	76.0
42	1050	RWSECS-42F	91421	RWSECS-42C	91564	86.0
48	1200	RWSECS-48F	91422	RWSECS-48C	91565	97.0
54	1350	RWSECS-54F	91423	RWSECS-54C	91566	108.0
60	1500	RWSECS-60F	91424	RWSECS-60C	91567	120.0
72	1800	RWSECS-72F	91425	RWSECS-72C	91568	141.0
84	2100	RWSECS-84F	91426	RWSECS-84C	91569	163.0
96	2400	RWSECS-96F	91427	RWSECS-96C	91570	185.0

Lead time: 1 working day

Replacement Blades



BELT WIDTH		FLAT BLADE		CURVED BLADE		
in.	mm	ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE	WT. LBS.
18	450	CBSBLD18F	79947	CBSBLD18C	91527	16.0
24	600	CBSBLD24F	79948	CBSBLD24C	91528	22.0
30	750	CBSBLD30F	79949	CBSBLD30C	91529	27.0
36	900	CBSBLD36F	79950	CBSBLD36C	91530	33.0
42	1050	CBSBLD42F	79951	CBSBLD42C	91531	39.0
48	1200	CBSBLD48F	79952	CBSBLD48C	91532	45.0
54	1350	CBSBLD54F	79953	CBSBLD54C	91533	50.0
60	1500	CBSBLD60F	79954	CBSBLD60C	91534	56.0
72	1800	CBSBLD72F	79955	CBSBLD72C	91535	67.0
84	2100	CBSBLD84F	79956	CBSBLD84C	91536	79.0
96	2400	CBSBLD96F	79957	CBSBLD96C	91537	90.0

Lead time: 1 working day

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

Product Notes:

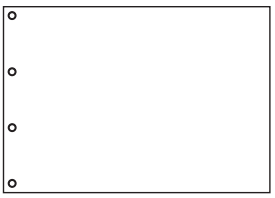
- Works with mechanical or vulcanized splices.
- Replacement blades with this design are simple and easy – no longer do you need to purchase an entire blade/pole assembly to replace the blade.

Optional Mounting Kits

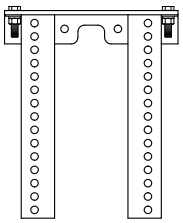
OPTIONAL MOUNTING KITS FOR BELT CLEANERS

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

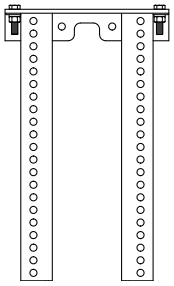
75830
Optional Mounting Bar Kit
(with bolts, nuts and washers)
- For mounting precleaners on open head pulleys.
- Weld on both sides of pulley and bolt on steel plates.
- For use with MSP, MMP, MHP, MHCP



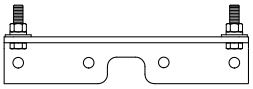
76537
Mounting Plate Kit (incl. 2 plates, 16" x 32" (400 mm x 800 mm))
- For use with Mounting Bars to mount cleaners on open head pulleys.
- For use with MSP, MMP, MHP, MHCP

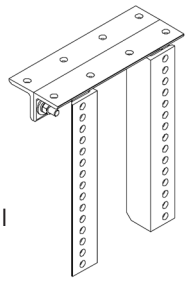


76071
Standard Mounting Bracket Kit
- For MHS/MDWS secondary cleaner installs.

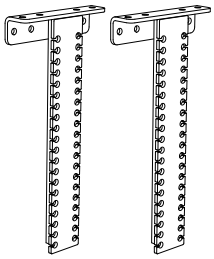


76072
Long Mounting Bracket Kit
- For installations that require extra length legs.

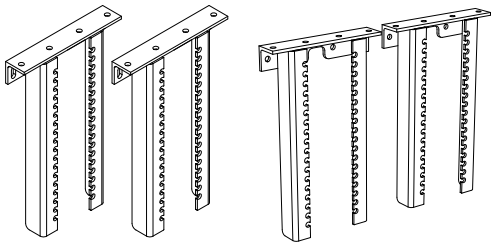




76073
Optional Top Angle Kit
- Used with both standard and long mounting bracket kits for additional mounting options.



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 (incl. 2 brackets/bars)

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Standard Mounting Bracket Kit *	SSTSMB	76071	34.3
Long Mounting Bracket Kit *	SSTLMB	76072	43.5
Optional Top Angle Kit *	SSTOTA	76073	10.5
Optional Mounting Bar Kit *	MMBK	75830	19.5
Mounting Plate Kit (incl. 2 plates)	MMPK	76537	140.0
Brush Cleaner Drop Brackets (2)	MBCDBK	79536	28.9
Y-Type Standard Duty Drop Brackets (2)	YSTDBK2	113390	32.0
Y-Type Heavy Duty Drop Brackets (2)	YSTHDDBK	79850	32.1

*Hardware Included
Lead time: 1 working day

Specs and Notes:

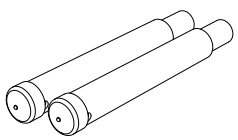
- Standard brackets are 13" x 15-1/2" (330 mm x 394 mm).
- Long brackets are 13" x 21-1/2" (330 mm x 546 mm).
- Mounting bars are 1-1/2" x 16" (38 mm x 400 mm) with (4) 5/8-11 tapped holes.
- Mounting plates are 16" x 32" (400 mm x 800 mm) with (4) 5/8" (16 mm) holes.

Pole Extender Kit (incl. 2 pole extenders)

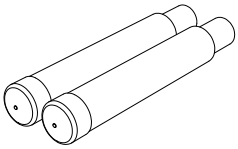
DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
2-7/8" (73mm) Pole Extender Kit	MAPEK	76024	21.9
2-3/8" (60mm) Pole Extender Kit	RAPEK	77423	18.0

Provides 30" (750 mm) of extended pole length.
Lead time: 1 working day

77423
2-3/8" Pole Extender Kit



76024
2-7/8" Pole Extender Kit

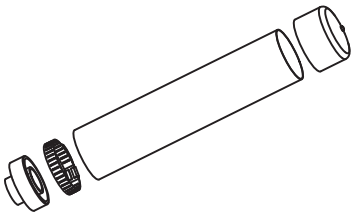


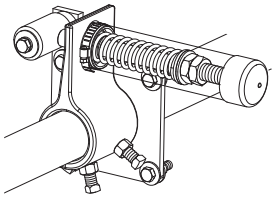
Product Ordering Information

Spring Covers

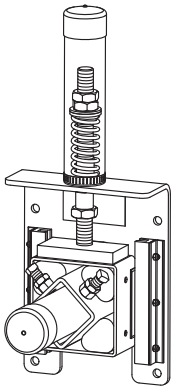
ORDERING NUMBER	ITEM CODE	WT. LBS.
SPG-CVR-A	77387	0.3
SPG-CVR-B	77388	0.3
SPG-CVR-C	77389	0.3
SPG-CVR-D	77390	0.4
SPG-CVR-E	77391	0.4
SPG-CVR-F	77392	0.3
SPG-CVR-G	77393	0.3
SPG-CVR-H	77741	0.3

Includes 1 spring cover
Lead time: 1 working day





Spring cover on Precleaner tensioner



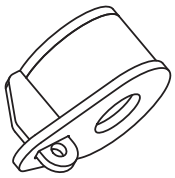
Spring cover on Secondary cleaner tensioner

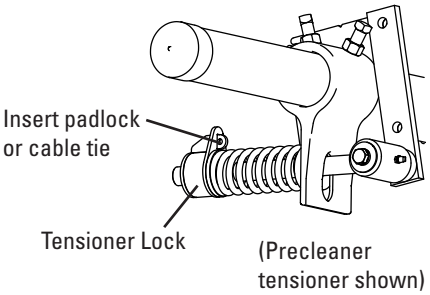
Tensioner Lock*

Designed to prevent tampering or unauthorized retensioning of the cleaner.

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

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





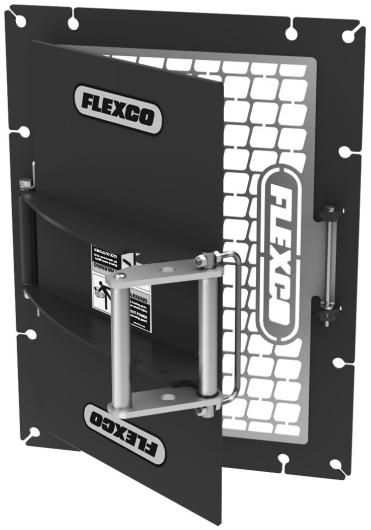
(Precleaner tensioner shown)

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

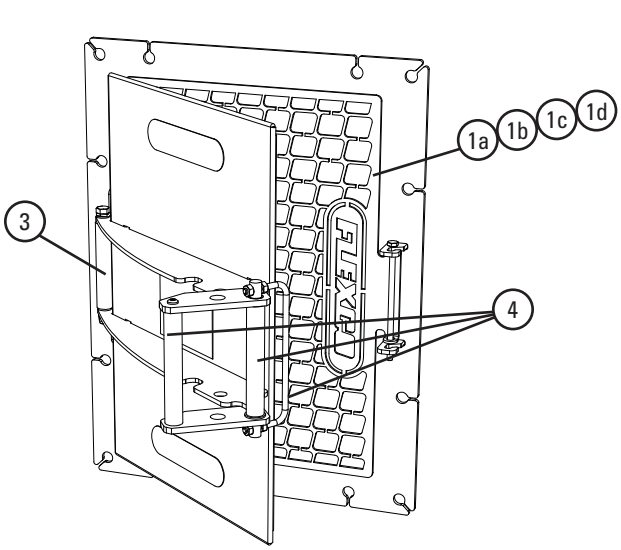
Product Ordering Information

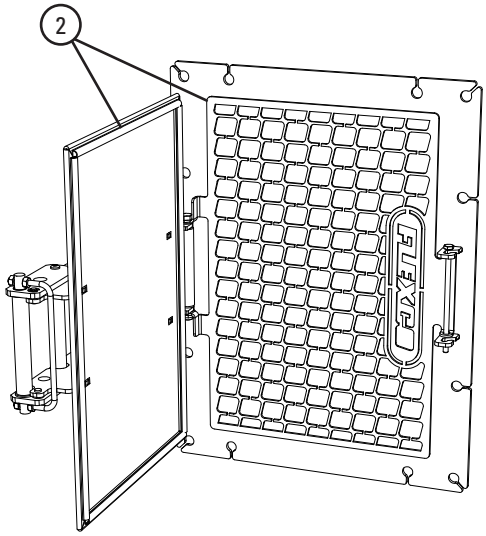
Inspection Doors



DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Inspection Door 12" x 12" (300 x 300mm)*	INDR-1212	79303	19.2
Inspection Door 12" x 18" (300 x 450mm)*	INDR-1218	79304	23.5
Inspection Door 18" x 24" (450 x 600mm)*	INDR-1824	79305	35.2
Inspection Door 24" x 24" (600 x 600mm)*	INDR-2424	79306	42.8
Inspection Door w/Screen 12" x 12" (300 x 300mm)*	INDR-1212S	79307	21.2
Inspection Door w/Screen 12" x 18" (300 x 450mm)*	INDR-1218S	79308	26.0
Inspection Door w/Screen 18" x 24" (450 x 600mm)*	INDR-1824S	79309	39.7
Inspection Door w/Screen 24" x 24" (600 x 600mm)*	INDR-2424S	79310	48.3

*Hardware included





Replacement Parts

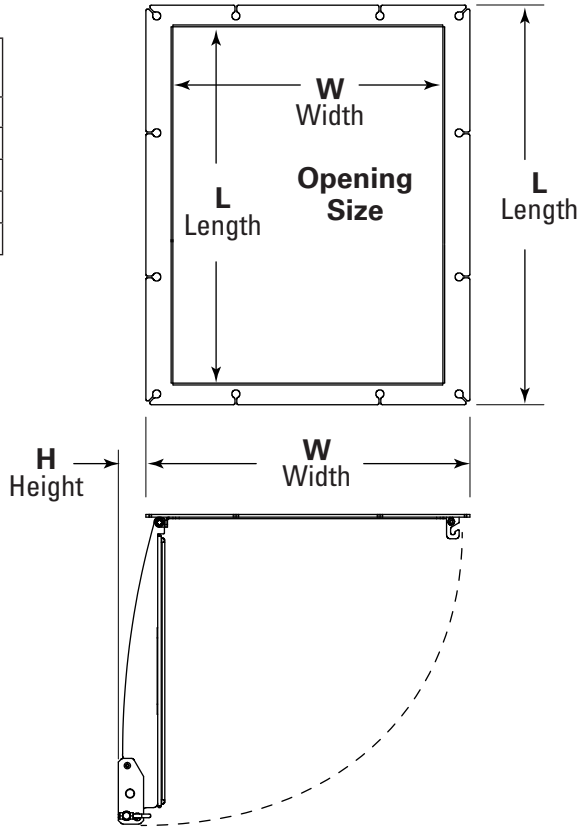
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1a	Inspection Door Screen 12" x 12" (300 x 300mm)*	IDSC-1212	79311	1.9
1b	Inspection Door Screen 12" x 18" (300 x 450mm)*	IDSC-1218	79312	2.5
1c	Inspection Door Screen 18" x 24" (450 x 600mm)*	IDSC-1824	79313	4.4
1d	Inspection Door Screen 24" x 24" (600 x 600mm)*	IDSC-2424	79314	5.5
2	Replacement Seal - 5' (1.5M)**	IDSEAL	79315	0.1
3	Replacement Hinge	IDHINGE	79316	0.2
4	Replacement Latch (incl. bolt, bushings & nut)	IDLATCH	79317	2.5

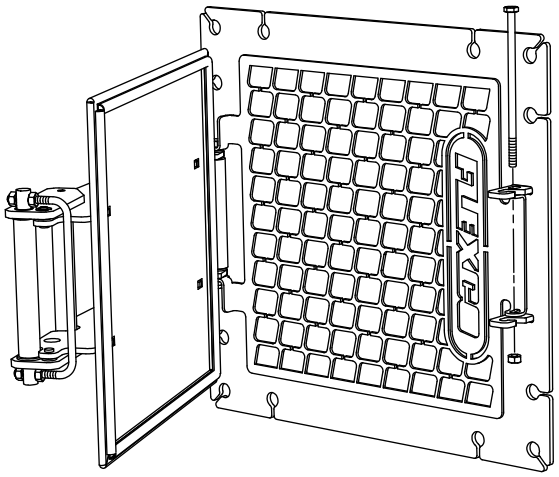
*Hardware included
**One 5' length of seal is needed for 12" x 12" and 12" x 18" doors or screens, and two 5' lengths are needed for 18" x 24" and 24 x 24" doors or screens. Double if replacing seal on both door and screen.

Specifications & Guidelines

Inspection Door Specifications

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





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 .....-70 to 350°F (-55 to 175°C)

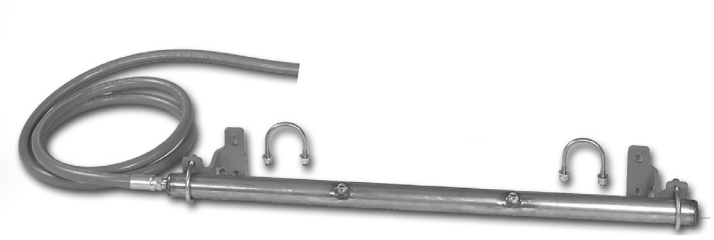
Product Ordering Information

Spray Pole Kits*

Standard & Heavy-Duty

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	SPK18	74709	23.0
24	600	SPK24	74710	23.0
30	750	SPK30	74711	24.0
36	900	SPK36	74712	24.0
42	1050	SPK42	74713	25.5
42	1050	SPKHD42	74952	26.5
48	1200	SPK48	74714	26.0
48	1200	SPKHD48	74953	27.0
54	1350	SPK54	74715	27.0
54	1350	SPKHD54	74954	28.0
60	1500	SPK60	74716	28.0
60	1500	SPKHD60	74955	29.0
72	1800	SPK72	74717	30.0
72	1800	SPKHD72	74718	32.0
84	2100	SPKHD84	74719	34.0
96	2400	SPKHD96	74720	36.0
120	3000	SPKHD120	74721	40.0

*Includes Spray Pole, Mounting Brackets, and 10' (3 m) Hose.
Standard-duty is for use on P-Type®, R-Type®, U-Type® 18–60" (450–1500 mm), Y-Type®SD, and EZS2 cleaners; Heavy-duty is for use on H-Type®, U-Type® 72–96" (1800–2400 mm), Y-Type®HD, FMS, CBS, MHS, and MDWS cleaners.
Other sizes available upon request.
Lead time: 1 working day



Spray Pole

Spray Pole Control Panel

Replacement Parts

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

Lead time: 1 working day

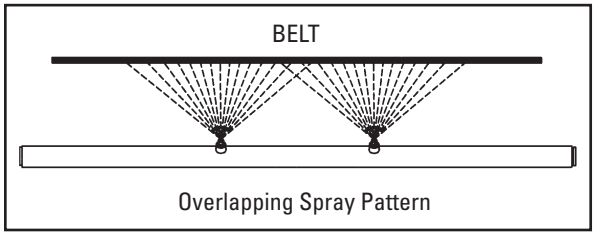
Control Assembly

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

Lead time: 1 working day

Spray Nozzles Per Cleaner Size

in.	18	24	30	36	42	48	54	60	72	84	96	120
mm	450	600	750	900	1050	1200	1350	1500	1800	2100	2400	3000
No. Spray Nozzles	1	2	2	3	3	4	4	5	6	7	8	10



Overlapping Spray Pattern

Specifications:

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

Pages 150–151 intentionally omitted.

Pages 150–151 intentionally omitted.

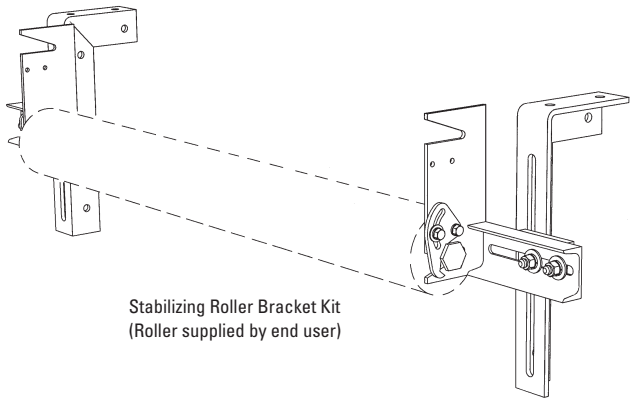
Product Ordering Information

Stabilizing Roller Bracket Kit*

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

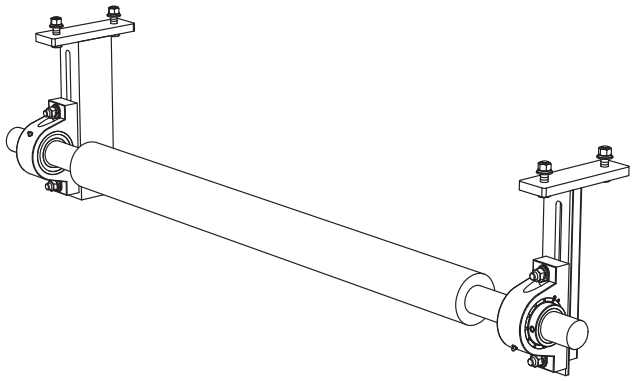
DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Stabilizing Roller Bracket Kit	SRBK	74941	34.0

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



Stabilizing Roller Bracket Kit
(Roller supplied by end user)

Product Ordering Information



Live-Shaft Hold-Down Roll

BELT WIDTH		ROLL DIAMETER		ORDERING NUMBER	ITEM CODE	WT. LBS
in.	mm	in.	mm			
24	600	4 1/2	114	HDR24	79010	159.0
30	750	4 1/2	114	HDR30	79011	169.0
36	900	4 1/2	114	HDR36	79012	180.0
42	1050	4 1/2	114	HDR42	79013	190.0
48	1200	4 1/2	114	HDR48	79014	249.0
54	1350	4 1/2	114	HDR54	79015	255.0
60	1500	4 1/2	114	HDR60	79016	265.0
72	1800	5	127	HDRS72*	79017	565.0
84	2100	5	127	HDRS84*	79018	615.0

Includes roller bracket kit.
*72" and 84" (1800 mm and 2100 mm) feature solid roll.
Lead time: 1 working day

Replacement Roll

BELT WIDTH		ROLL DIAMETER		ORDERING NUMBER	ITEM CODE	WT. LBS
in.	mm	in.	mm			
24	600	4 1/2	114	HDRR24	79019	114.0
30	750	4 1/2	114	HDRR30	79020	124.0
36	900	4 1/2	114	HDRR36	79021	135.0
42	1050	4 1/2	114	HDRR42	79022	145.0
48	1200	4 1/2	114	HDRR48	79023	204.0
54	1350	4 1/2	114	HDRR54	79024	210.0
60	1500	4 1/2	114	HDRR60	79025	220.0
72	1800	5	127	HDRRS72*	79026	520.0
84	2100	5	127	HDRRS84*	79027	570.0

*72" and 84" (1800 mm and 2100 mm) feature solid roll.
Lead time: 1 working day

Roller Bracket Kit*

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS
Hold Down Roll Bracket Kit 24–60" (600–1500mm)	HDRBK	79009	45.0
HD Hold Down Roll Bracket Kit 72–84" (1800–2100mm)	HDRBK-HD	79072	45.0

*Includes Left and Right Bracket
Lead time: 1 working day

Add-On Grease Hose Extension Kit

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS
Grease Hose Extension Kit (incl. (2) ea. 16" hose w/fittings and tie-downs)	HDRGEK	79236	1.0

Lead time: 1 working day

Specifications:

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

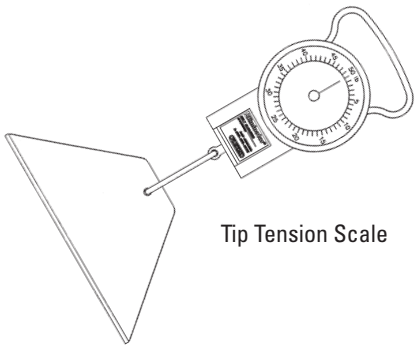
Product Ordering Information

Tip Tension Scale

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

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

Lead time: 1 working day



Tip Tension Scale

Spring Tension Chart

CLEANER	HXF	H V-Tip	H Protected V-Tip	High-Temp V-Tip
LBS.	28	18	18	18
KG.	12.7	8.2	8.2	8.2

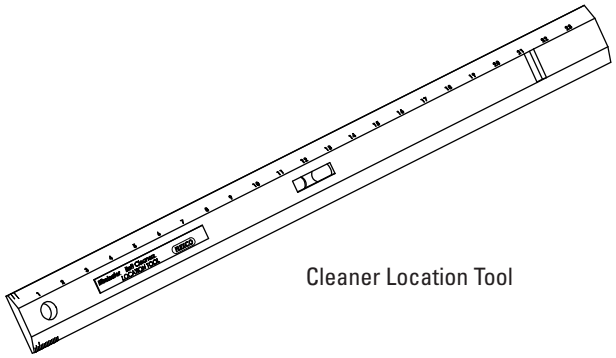
For installation and for retensioning blades during maintenance.

Cleaner Location Tool

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

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

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



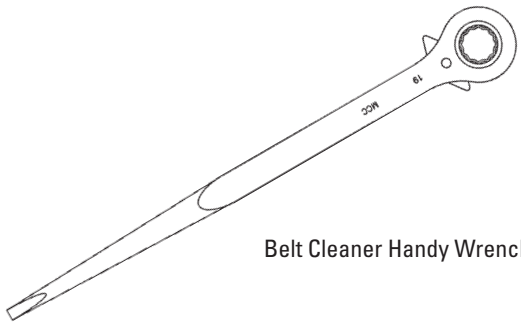
Cleaner Location Tool

Belt Cleaner Handy Wrench

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

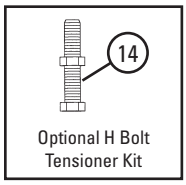
DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Belt Cleaner Handy Wrench	HW-BC	74100	1.2

Lead time: 1 working day

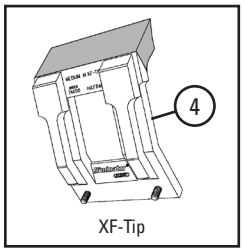


Belt Cleaner Handy Wrench

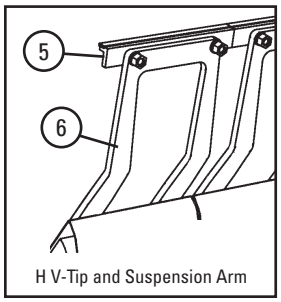
Product Ordering Information



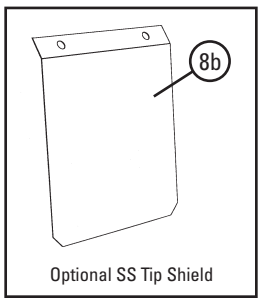
Optional H Bolt Tensioner Kit



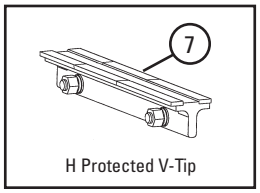
XF-Tip



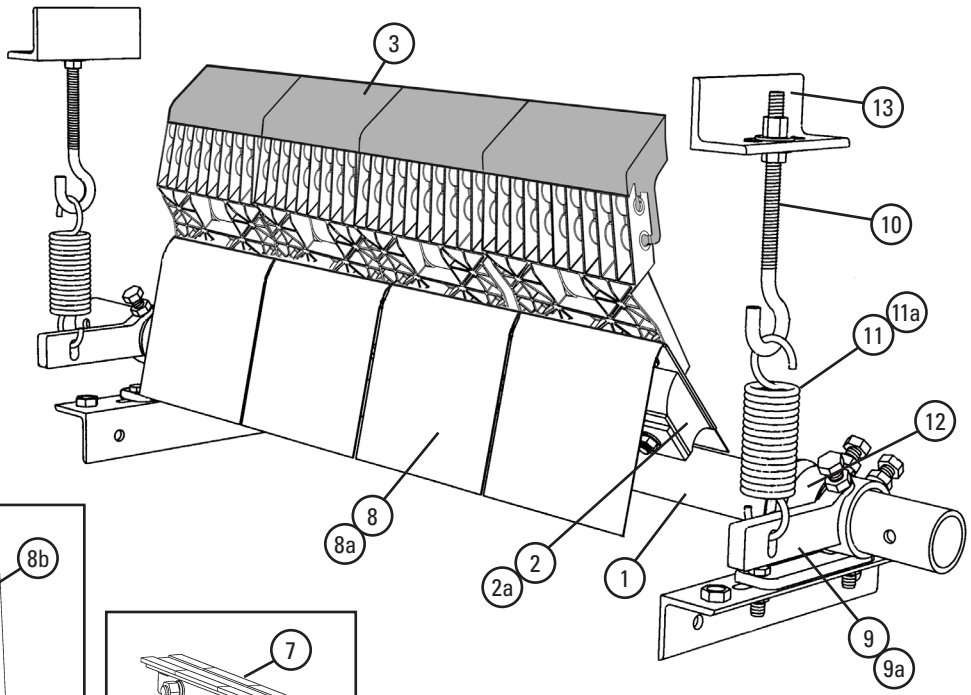
H V-Tip and Suspension Arm



Optional SS Tip Shield



H Protected V-Tip



Replacement Parts

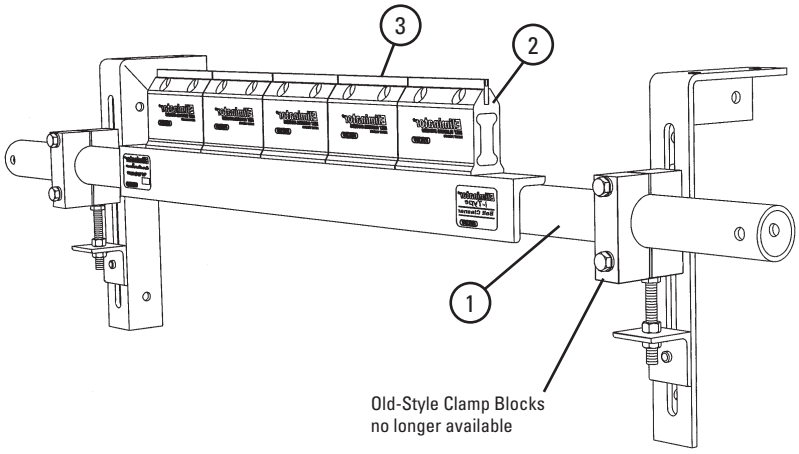
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	HP-18	78990	23.0
	24" (600mm) Pole	HP-24	78991	27.0
	30" (750mm) Pole	HP-30	78992	29.0
	36" (900mm) Pole	HP-36	78993	33.0
	42" (1050mm) Pole	HP-42	78994	43.0
	48" (1200mm) Pole	HP-48	78995	47.0
	54" (1350mm) Pole	HP-54	78996	53.0
	60" (1500mm) Pole	HP-60	78997	59.0
	72" (1800mm) Pole	HP-72	78998	66.0
2	H2 XF-Tip Cushion* (for HXF2 & HV Tips)	HXFC2	75902	4.0
2a	H2 F-Tip Cushion* (for SS HXF2 & SS HV Tips)	HFC2	75901	4.0
3	HXF2-Tip Extra Small*	HXF2-SS	75979	3.0
	HXF2-Tip Small*	HXF2-S	75980	3.4
	HXF2-Tip Medium*	HXF2-M	75981	3.8
	HXF2-Tip Large*	HXF2-L	75982	4.1
4	H XF-Tip Extra Small*	HXF8SS	74307	3.4
	H XF-Tip Small*	HXF8S	74689	3.8
	H XF-Tip Medium*	HXF8M	74690	4.1
	H XF-Tip Large*	HXF8L	74691	4.5
5	H V-Tip (for vulcanized belts only)	HVT8-S/S	75419	1.0
6	H SSS Suspension Arm*	HSA8SSS	75565	0.4
	H SS Suspension Arm*	HSA8SS	73047	0.5
	H S Suspension Arm*	HSA8S	73048	1.0
	H M Suspension Arm*	HSA8M	73049	1.5
	H L Suspension Arm*	HSA8L	73063	2.0
	H LL Suspension Arm*	HSA8LL	73064	2.5
7	H Protected V-Tip* (for vulcanized belts only)	HVPT	73631	2.7

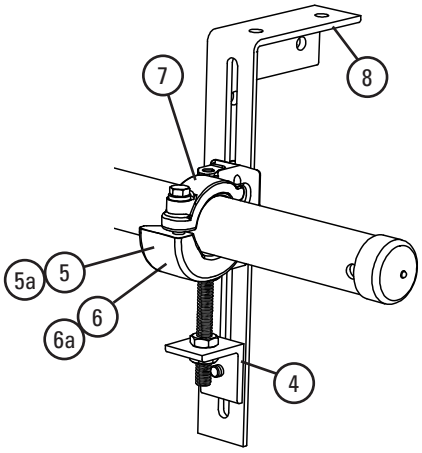
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
8	H Polyshield	HPS8	73050	0.5
8a	H SS Cushion Shield	HSSCS	74772	0.6
8b	H SS Tip Shield	HSSTS	74771	0.5
9	H Adjusting Arm Repair Kit* (incl. (1) adjusting arm)	HAR-K	78786	6.0
9a	H HD Adjusting Arm Repair Kit* (incl. (1) adjusting arm)	HDARK	74550	8.0
10	J-Bolt Kit* (1 ea.)	STJK	74417	0.7
11	Tension Spring (1 ea.) for 18" (450mm)	STTS	74419	1.4
11a	HD Tension Spring (1 ea.) for sizes 24–72" (600–1800mm)	HDTS	74502	2.0
12	Pole Lock (1 ea.)	EZP1PL	75641	1.1
13	Spring Tensioner J-Bolt Mount (1 ea.)	STJM	74775	3.0
-	H Mounting/J-Bolt Kit - Single (incl. (1) ea. items 9–13, (2) ea. bracket/bearing)	H-MK1	78987	20.0
-	H Mounting/J-Bolt Kit - Dual (incl. (2) ea. items 9–13, bracket/bearing)	H-MK2	78801	24.4
-	Spring Tension Kit - Single (incl. (1) ea. items 10, 11, 13, (2) ea. item 12)	STKS	74505	6.8
-	Spring Tension Kit - Dual (incl. (2) ea. items 10–13)	STKD	74504	11.2
-	Spring Tension Kit HS - Single (incl. (1) ea. items 10, 11a, 13, (2) ea. item 12)	STKHSS	74313	8.0
-	Spring Tension Kit HS - Dual (incl. (2) ea. items 10, 11a, 12, 13)	STKHSD	74316	16.0
14	H Bolt Tensioner Kit (incl. (2) adjusting bolts, (2) jam nuts)	HBTK	74776	0.5

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

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

Product Ordering Information





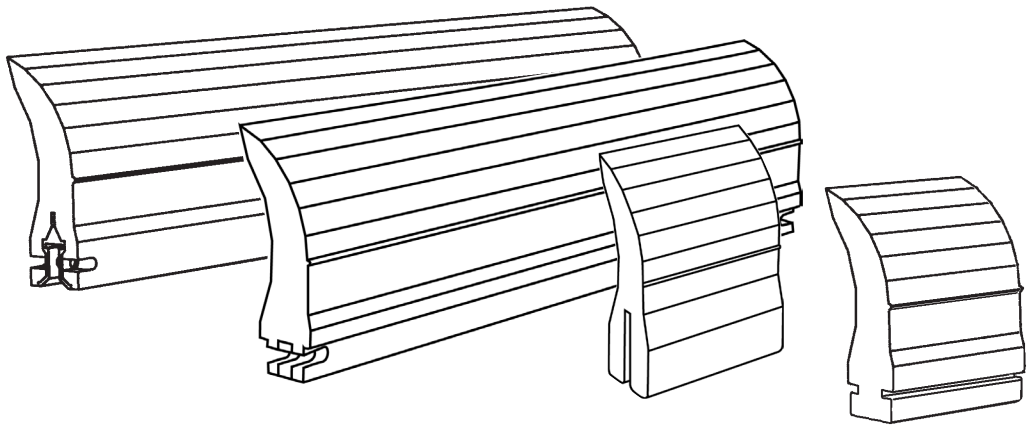
New Style Clamp Block

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	EZS2P18	75652	25.0
	24" (600mm) Pole	EZS2P24	75653	28.0
	30" (750mm) Pole	EZS2P30	75654	30.0
	36" (900mm) Pole	EZS2P36	75655	34.0
	42" (1050mm) Pole	EZS2P42	75656	36.0
	48" (1200mm) Pole	EZS2P48	75657	39.0
	54" (1350mm) Pole	EZS2P54	75658	42.0
	60" (1500mm) Pole	EZS2P60	75659	77.0
	72" (1800mm) Pole	EZS2P72	75660	89.0
2	I Standard Cushion*	ISC	74534	2.1
3	I C-Tip* (for mechanically spliced and vulcanized belts)	ICT6	74535	0.7
4	Adjusting Bracket Kit (1 Right and 1 Left)	PAB	75513	1.5
5	Pole Clamp Kit - Left* (1 ea.) (incl. item 7) for sizes 18–54" (450–1350mm)	CCKL	79224	6.8
5a	HD Pole Clamp Kit - Left* (1 ea.) (incl. item 7a) for sizes 60–72" (1500–1800mm)	CCKHDL	79225	8.7
6	Pole Clamp Kit - Right* (1 ea.) (incl. item 7) for sizes 18–54" (450–1350mm)	CCKR	79228	6.8
6a	HD Pole Clamp Kit - Right* (1 ea.) (incl. item 7a) for sizes 60–72" (1500–1800mm)	CCKHDR	79229	8.7
7	Cradle Clamp Top Strap (1 ea.) for use on L or R Pole Clamp Kit	CCKTS	79232	1.1
7a	HD Cradle Clamp Top Strap (1 ea.) for use on L or R HD Pole Clamp Kit	CCKHDTS	79233	1.7
8	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	13.0
–	Cradle Clamp Mounting Kit* (incl. (1) ea. items 5, 6, & 8, (2) ea. items 4 & 7) for sizes 18–54" (450–1350mm)	CCMK	78919	33.0
–	HD Cradle Clamp Mounting Kit* (incl. (1) ea. items 5a, 6a, & 8, (2) ea. items 4 & 7a) for sizes 60–72" (1500–1800mm)	CCMKHD	78920	36.7

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

Part Number Cross-Reference Guide



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 158 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 158 for proper blade installation and tensioning instructions.

Installation and Tensioning Tips

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

Correct Location:

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

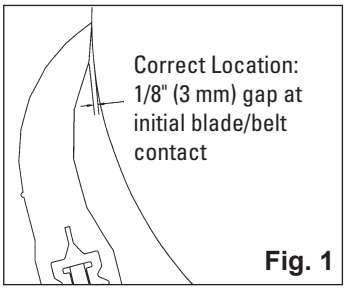


Fig. 1

Possible Problems:

- ***Pole location too far out*** – The initial blade/belt contact gap will be larger than 1/8" (3 mm) (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.

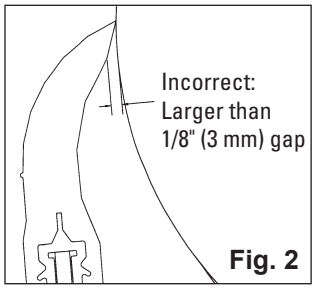


Fig. 2

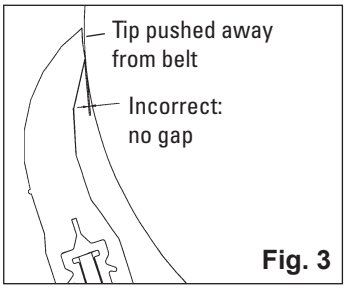


Fig. 3

Correct Tensioning:

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

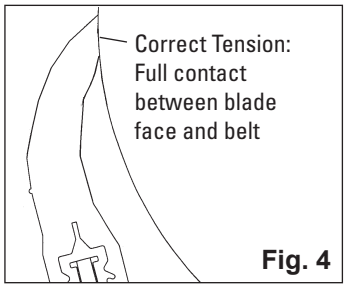
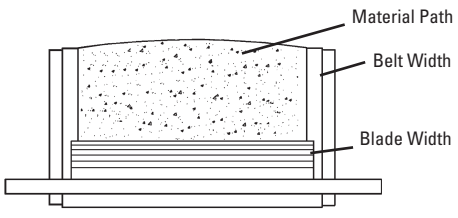


Fig. 4

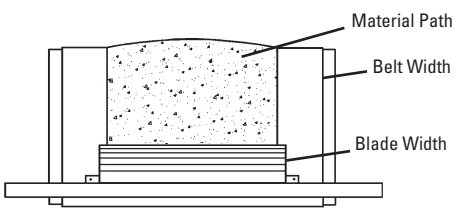
The "Material Path" Option

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.

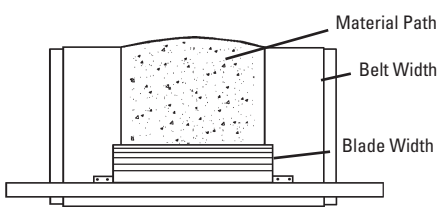
Match blade width to belt's material path



Belt Width Minus 2" (50 mm)



Belt Width Minus 8" (200 mm)



Belt Width Minus 14" (350 mm)

Part Number Cross-Reference Guide

Cross-Reference for Replacement of Martin® QC1™ Standard Blades and Martin® Pit Viper™ Standard Blades

Ordering Information

BELT WIDTH		ACTUAL BLADE LENGTH		MARTIN® QC1™ PART NUMBER	MARTIN® PIT VIPER™ PART NUMBER	ORDERING NUMBER	CONSHEAR™ ITEM CODE	WT. LBS.
in.	mm	in.	mm					
12	300	10	250	32773-1211	PV121110OR	CRB10	75628	4.6
18	450	16	400	32773-1811	PV181116OR	CRB16	75629	7.3
24	600	22	550	32773-2411	PV241122OR	CRB22	75630	10.1
30	750	28	700	32773-3011	PV301128OR	CRB28	75631	12.8
36	900	34	850	32773-3611	PV361134OR	CRB34	75632	15.5
42	1050	40	1000	32773-4211	PV421140OR	CRB40	75633	18.3
48	1200	46	1150	32773-4811	PV481146OR	CRB46	75634	21.0
54	1350	52	1300	32773-5411	PV541152OR	CRB52	75635	23.8
60	1500	58	1450	32773-6011	PV601158OR	CRB58	75636	26.5
72	1800	70	1750	32773-7211	PV721170OR	CRB70	75773	32.0

Additional blade sizes are available upon request. Call for pricing.
NOTE: Blade coverage is 2" (50 mm) less than belt width.
Lead time: 1 working day
NOTE: Also works on Baker-Bohnert Yellow Jacket™ Primary Cleaners.

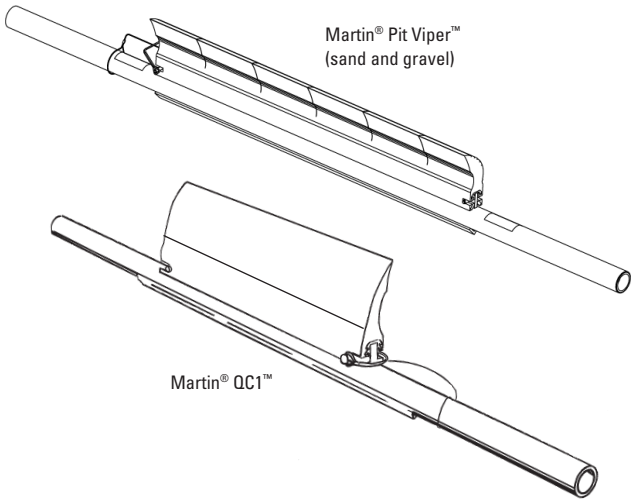
Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
EZP1BP	75642	0.1

Lead time: 1 working day

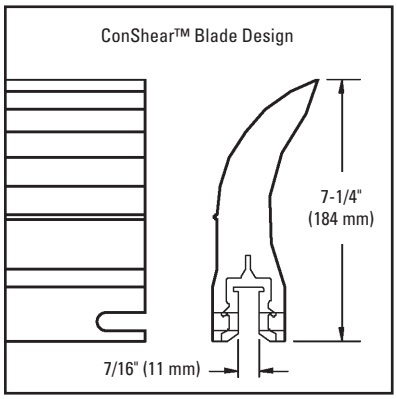
Specifications

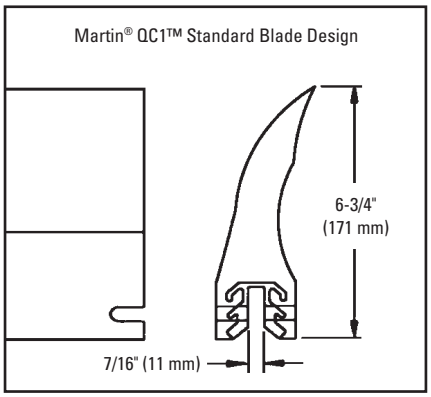
SLOT WIDTH	POLE PLATE THICKNESS	CONSHEAR™ BLADE HEIGHT	QC1™ BLADE HEIGHT
7/16" (11mm)	5/16" (8mm)	7-1/4" (184mm)	6-3/4" (171mm)

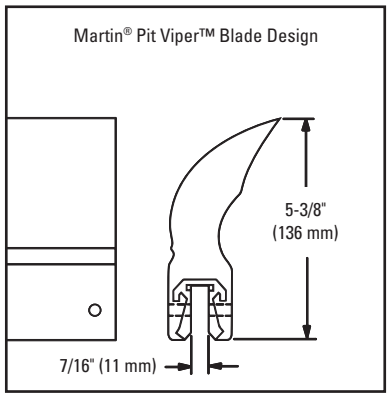


Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	USABLE BLADE AREA (cross-section)	USABLE BLADE VOLUME
Martin® QC1™	28" (711mm)	3.00in^2 (19cm^2)	84.0in^3 (1376cm^3)
Martin® Pit Viper™	28" (711mm)	4.20in^2 (27cm^2)	117.6in^3 (1927cm^3)
ConShear™	28" (711mm)	5.50in^2 (35cm^2)	154.0in^3 (2523cm^3)







Martin® and QC1™ 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® QC1™ Heavy-Duty Blades

Ordering Information

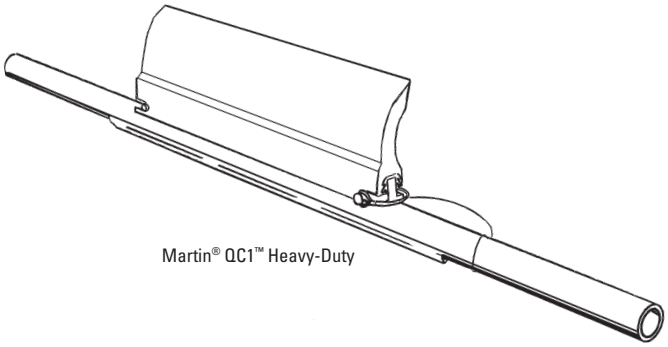
BELT WIDTH		ACTUAL BLADE LENGTH		MARTIN® QC1™ HD PART NUMBER	ORDERING NUMBER	CONSHEAR™ ITEM CODE	WT. LBS.
in.	mm	in.	mm				
18	450	12	300	35381-1811	RBQC1HD-12	75985	5.5
24	600	18	450	35381-2411	RBQC1HD-18	75986	8.3
30	750	24	600	35381-3011	RBQC1HD-24	75987	11.0
36	900	30	750	35381-3611	RBQC1HD-30	75988	13.8
42	1050	36	900	35381-4211	RBQC1HD-36	75989	16.6
48	1200	42	1050	35381-4811	RBQC1HD-42	75990	19.3
54	1350	48	1200	35381-5411	RBQC1HD-48	75991	22.1
60	1500	54	1350	35381-6011	RBQC1HD-54	75992	24.8
72	1800	66	1650	35381-7211	RBQC1HD-66	75993	30.4

Additional blade sizes are available upon request. Call for pricing.
NOTE: Blade coverage is 6" (150 mm) less than belt width.
Lead time: 1 working day

Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
RB38BP	79481	0.2

Lead time: 1 working day

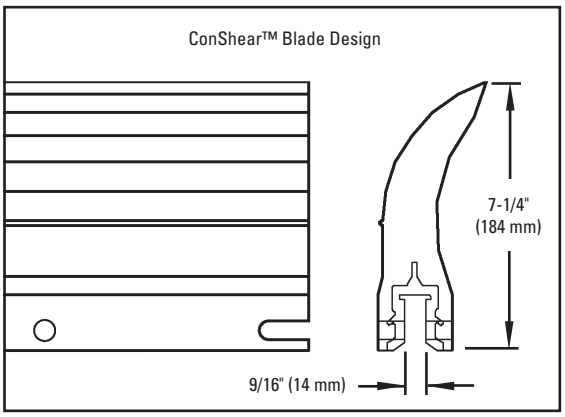

Martin® QC1™ Heavy-Duty

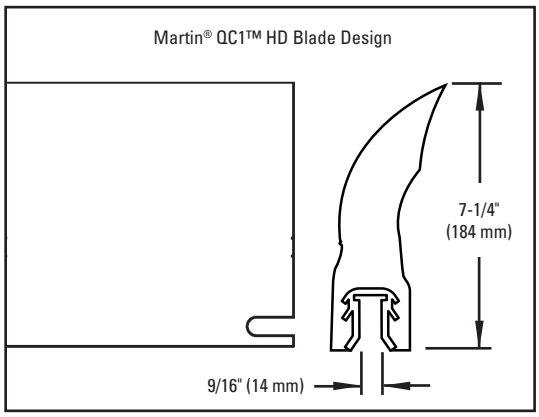
Specifications

SLOT WIDTH	POLE PLATE THICKNESS	CONSHEAR™ BLADE HEIGHT	QC1™ HD BLADE HEIGHT
9/16" (14mm)	1/2" (12.5mm)	7-1/4" (184mm)	7-1/4" (185mm)

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	USABLE BLADE AREA (cross-section)	USABLE BLADE VOLUME
Martin® QC1™ HD	28" (711mm)	6.65in^2 (43cm^2)	186.2in^3 (3051cm^3)
ConShear™	28" (711mm)	5.50in^2 (35cm^2)	154.0in^3 (2523cm^3)





Martin® and QC1™ are registered trademarks of Martin Engineering, Neponset, IL.

Part Number Cross-Reference Guide

Cross-Reference for Replacement of Martin® QB1™ Blades

Ordering Information

BELT WIDTH		ACTUAL BLADE LENGTH		MARTIN® QC1™ HD PART NUMBER	ORDERING NUMBER	CONSHEAR™ ITEM CODE	WT. LBS.
in.	mm	in.	mm				
18	450	16	400	39344-181116OR	RBQB1-16/400	90935	7.3
24	600	18	450	39344-241118OR	RBQB1-18/450	90936	8.2
		22	550	39344-241122OR	RBQB1-22/550	90937	10.1
30	750	24	600	39344-301124OR	RBQB1-24/600	90938	11.0
		28	700	39344-301128OR	RBQB1-28/700	90939	12.8
36	900	30	750	39344-361130OR	RBQB1-30/750	90940	13.7
		34	850	39344-361134OR	RBQB1-34/850	90941	15.5
42	1050	36	900	39344-421136OR	RBQB1-36/900	90942	16.5
		40	1000	39344-421140OR	RBQB1-40/1000	90943	18.3
48	1200	42	1050	39344-481142OR	RBQB1-42/1050	90944	19.2
		46	1150	39344-481146OR	RBQB1-46/1150	90945	21.0
54	1350	48	1200	39344-541148OR	RBQB1-48/1200	90946	21.9
		52	1300	39344-541152OR	RBQB1-52/1300	90947	23.8
60	1500	54	1350	39344-601154OR	RBQB1-54/1350	90948	24.7
		58	1450	39344-601158OR	RBQB1-58/1450	90949	26.5
66	1650	60	1500	39344-661160OR	RBQB1-60/1500	90950	27.4
72	1800	64	1600	39344-721164OR	RBQB1-64/1600	90951	29.2
		70	1750	39344-721170OR	RBQB1-70/1750	90952	32.0
78	1950	72	1800	39344-781172OR	RBQB1-72/1800	90953	32.9

Lead time: 1 working day

Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
QB1PCK	90954	4.8

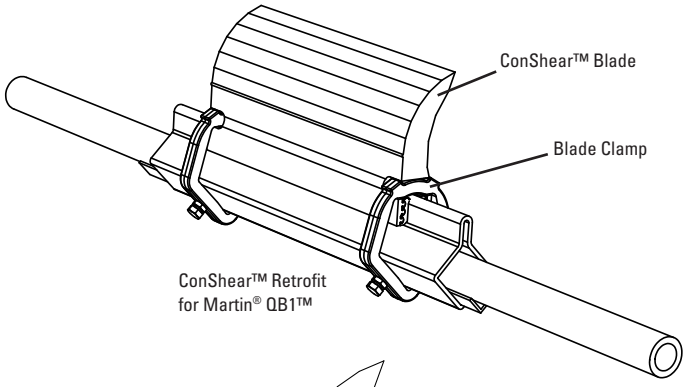
Lead time: 1 working day

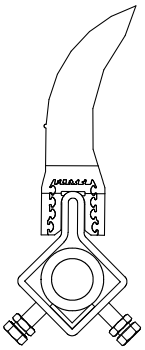
Specifications

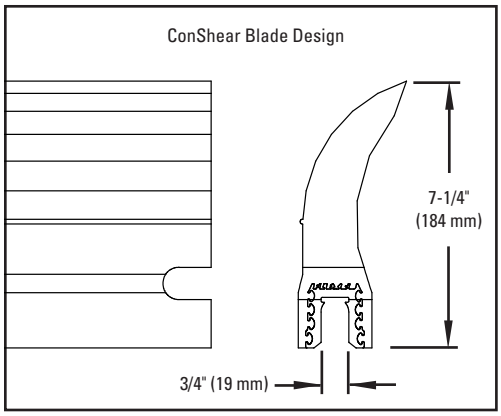
SLOT WIDTH	CONSHEAR™ BLADE HEIGHT	QC1™ BLADE HEIGHT
3/4" (19mm)	7-1/4" (184mm)	6-1/2" (165mm)

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	USABLE BLADE AREA (cross-section)	USABLE BLADE VOLUME
Martin® QC1™	28" (711mm)	5.75in^2 (37cm^2)	161.0in^3 (2638cm^3)
ConShear™	28" (711mm)	5.50in^2 (35cm^2)	154.0in^3 (2523cm^3)







Martin® and QB1™ are registered trademarks of Martin Engineering, Neponset, IL.

Part Number Cross-Reference Guide

Cross-Reference for Replacement of Martin® QC1™ Extra Heavy-Duty Blades

Ordering Information

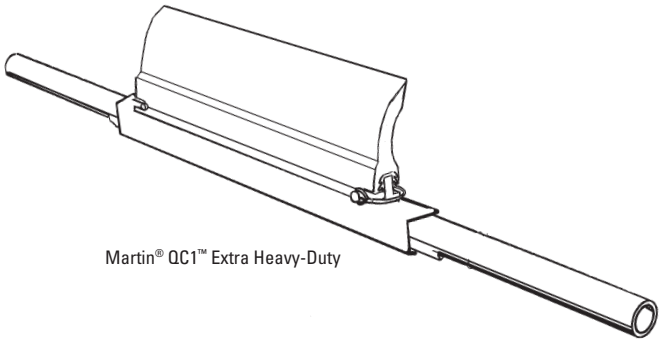
BELT WIDTH		BLADE WIDTH		MARTIN® QC1™ XHD PART NUMBER	ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm				
24	600	18	450	35897-2411	TRB18	76485	21.0
30	750	24	600	35897-3011	TRB24	76486	28.0
36	900	30	750	35897-3611	TRB30	76487	35.0
42	1050	36	900	35897-4211	TRB36	76488	42.0
48	1200	42	1050	35897-4811	TRB42	76489	49.0
54	1350	48	1200	35897-5411	TRB48	76490	56.0
60	1500	54	1350	35897-6011	TRB54	76491	63.0
66	1650	60	1500	35897-6611	TRB60	76492	70.0
72	1800	66	1650	35897-7211	TRB66	76493	77.0
78	1950	72	1800	35897-7811	TRB72	76494	87.0
84	2100	78	1950	35897-8411	TRB78	76697	91.0
90	2250	84	2100	35897-9011	TRB84	77047	98.0
96	2400	90	2250	35897-9611	TRB90	77048	105.0

Additional blade sizes are available upon request. Call for pricing.
NOTE: Blade coverage is 6" (150 mm) less than belt width.
Lead time: 1 working day

Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
MMPBPK	76466	0.8

Lead time: 1 working day



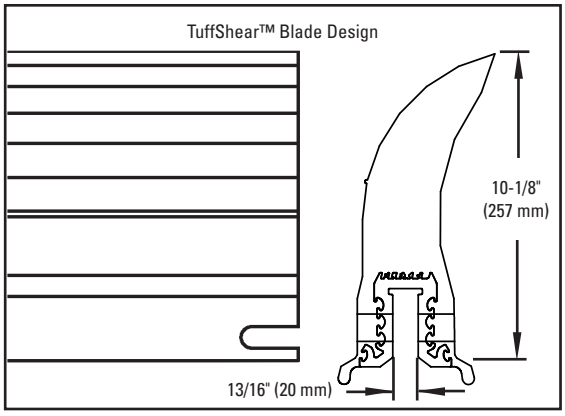
Martin® QC1™ Extra Heavy-Duty

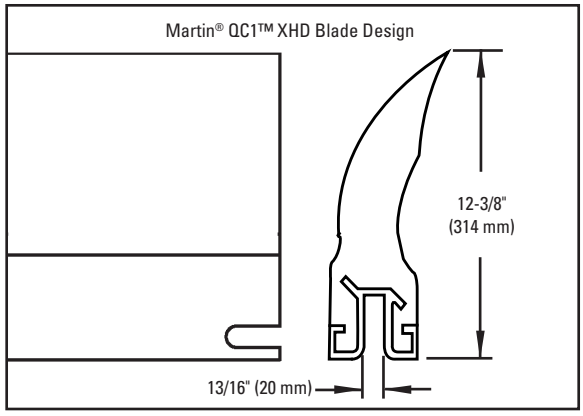
Specifications

SLOT WIDTH	POLE PLATE THICKNESS	TUFFSHEAR™ BLADE HEIGHT	QC1™ XHD BLADE HEIGHT
13/16" (20mm)	3/4" (19mm)	10-1/8" (257mm)	12-3/8" (314mm)

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	USABLE BLADE AREA (cross-section)	USABLE BLADE VOLUME
Martin® QC1™ XHD	30" (762mm)	17.01in^2 (109cm^2)	510.3in^3 (8362cm^3)
TuffShear™	30" (762mm)	12.08in^2 (78cm^2)	362.7in^3 (5943cm^3)





Martin® and QC1™ are registered trademarks of Martin Engineering, Neponset, IL.

Part Number Cross-Reference Guide

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

Ordering Information

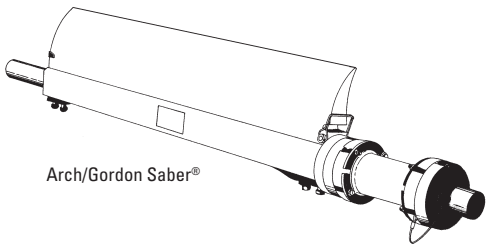
BELT WIDTH		ACTUAL BLADE LENGTH		ARCH/GORDON® PART NUMBER	ORDERING NUMBER	CONSHEAR™ ITEM CODE	WT. LBS.
in.	mm	in.	mm				
18	450	16	400	MRBSB000180000	RBAGS-16	75995	7.3
		18	450	MRBSB00018F000	RBAGS-18	76967	8.2
24	600	22	550	MRBSB000240000	RBAGS-22	75996	10.1
		24	600	MRBSB00024F000	RBAGS-24	76968	11.0
30	750	28	700	MRBSB000300000	RBAGS-28	75997	12.8
		30	750	MRBSB00030F000	RBAGS-30	76969	13.7
36	900	34	850	MRBSB000360000	RBAGS-34	75998	15.5
		36	900	MRBSB00036F000	RBAGS-36	76970	16.5
42	1050	40	1000	MRBSB000420000	RBAGS-40	75999	18.3
		42	1050	MRBSB00042F000	RBAGS-42	76971	19.2
48	1200	46	1150	MRBSB000480000	RBAGS-46	76028	21.0
		48	1200	MRBSB00048F000	RBAGS-48	76972	21.9
54	1350	52	1300	MRBSB000540000	RBAGS-52	76029	23.8
		54	1350	MRBSB00054F000	RBAGS-54	76973	24.7
60	1500	58	1450	MRBSB000600000	RBAGS-58	76030	26.5
		60	1500	MRBSB00060F000	RBAGS-60	76974	27.4
72	1800	70	1750	MRBSB000720000	RBAGS-70	76031	32.0
		72	1800	MRBSB00072F000	RBAGS-72	76975	32.9
84	2100	84	2100	MRBSB00084F000	RBAGS-84	76976	38.4

Additional blade sizes are available upon request. Call for pricing.
Lead time: 1 working day
NOTE: Also works on Falcon Primary Cleaners (Canada).

Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
EZP1BP	75642	0.1

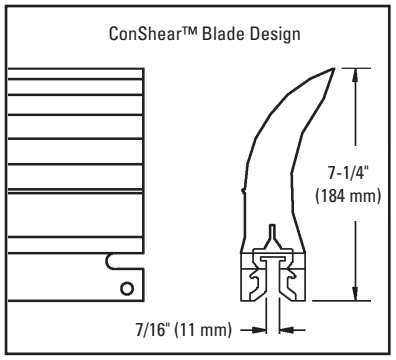
Lead time: 1 working day



ConShear™-LS for Arch/Gordon® Mini-Saber Blades

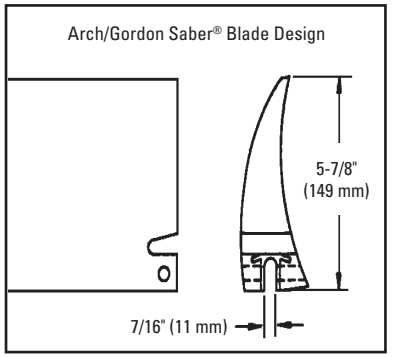
BELT WIDTH		BLADE WIDTH		ARCH/GORDON® PART NUMBER	ORDERING NUMBER	CONSHEAR™-LS ITEM CODE	WT. LBS.
in.	mm	in.	mm				
18	450	16	400	MRBMN00018	RBAGM-16	77106	3.3
24	600	22	550	MRBMN00024	RBAGM-22	77107	4.6
30	750	28	700	MRBMN00030	RBAGM-28	77108	5.8
36	900	34	850	MRBMN00036	RBAGM-34	77109	7.1
42	1050	40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

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



Specifications

SLOT WIDTH	POLE PLATE THICKNESS	CONSHEAR™ BLADE HEIGHT	SABER® BLADE HEIGHT
7/16" (11 mm)	3/8" (9.5mm)	7-1/4" (184mm)	5-7/8" (149mm)



Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	USABLE BLADE AREA (cross-section)	USABLE BLADE VOLUME
Arch/Gordon Saber®	28" (711mm)	3.06in^2 (19cm^2)	85.7in^3 (1404cm^3)
ConShear™	28" (711mm)	5.50in^2 (35cm^2)	154.0in^3 (2523cm^3)

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

Part Number Cross-Reference Guide

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

Ordering Information

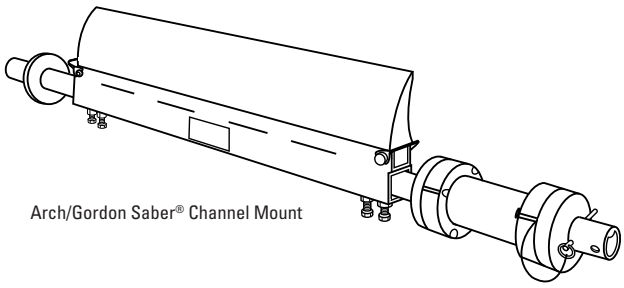
BELT WIDTH		ACTUAL BLADE LENGTH		ARCH/GORDON® PART NUMBER	ARCH/GORDON® OLD PART NUMBER	ORDERING NUMBER	CONSHEAR™ ITEM CODE	WT. LBS.
in.	mm	in.	mm					
18	450	16	400	MRBCM00018	SCM-016-18	RBAGSCM-16	76572	7.3
24	600	22	550	MRBCM00024	SCM-016-24	RBAGSCM-22	76573	10.1
30	750	28	700	MRBCM00030	SCM-016-30	RBAGSCM-28	76574	12.8
36	900	34	850	MRBCM00036	SCM-016-36	RBAGSCM-34	76575	15.5
42	1050	40	1000	MRBCM00042	SCM-016-42	RBAGSCM-40	76576	18.3
48	1200	46	1150	MRBCM00048	SCM-016-48	RBAGSCM-46	76577	21.0
54	1350	52	1300	MRBCM00054	SCM-016-54	RBAGSCM-52	76578	23.8
60	1500	58	1450	MRBCM00060	SCM-016-60	RBAGSCM-58	76579	26.5
72	1800	70	1750	MRBCM00072	SCM-016-72	RBAGSCM-70	76581	32.0

Additional blade sizes are available upon request. Call for pricing.
NOTE: Blade coverage is 2" (50 mm) less than belt width.

Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
EZP1BP	75642	0.1

Lead time: 1 working day



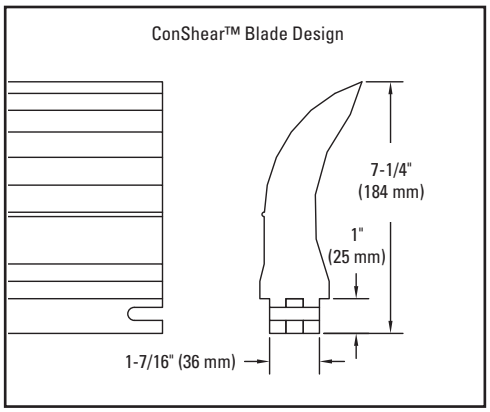
Arch/Gordon Saber® Channel Mount

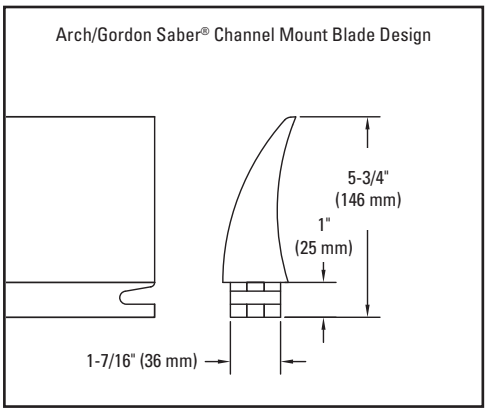
Specifications

BASE WIDTH	CONSHEAR™ BLADE HEIGHT	CHANNEL MOUNT BLADE HEIGHT
1-7/16" (36mm)	7-1/4" (184mm)	5-3/4" (146mm)

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	USABLE BLADE AREA (cross-section)	USABLE BLADE VOLUME
Arch/Gordon Saber® Channel Mount	28" (711mm)	3.06in^2 (19cm^2)	85.7in^3 (1404cm^3)
ConShear™	28" (711mm)	5.50in^2 (35cm^2)	154.0in^3 (2523cm^3)





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

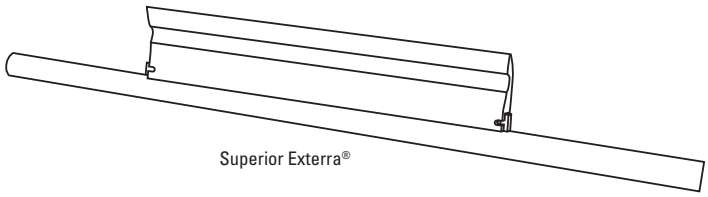
Part Number Cross-Reference Guide

Cross-Reference for Replacement of Superior Exterra® Blades

Ordering Information

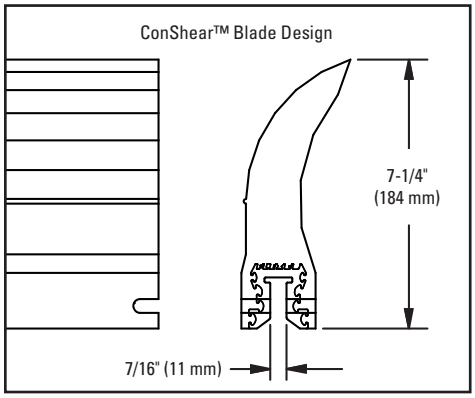
BELT WIDTH		ACTUAL BLADE LENGTH		SUPERIOR EXTERRA® PART NUMBER	ORDERING NUMBER	CONSHEAR™ ITEM CODE	WT. LBS.
in.	mm	in.	mm				
12	300	10	250	07-00540	RBSE-10	79861	4.6
18	450	16	400	07-00541	RBSE-16	79862	7.3
24	600	22	550	07-00542	RBSE-22	79863	10.1
30	750	28	700	07-00543	RBSE-28	79864	12.8
36	900	34	850	07-00544	RBSE-34	79865	15.5
42	1050	40	1000	07-00545	RBSE-40	79866	18.3
48	1200	46	1150	07-00546	RBSE-46	79867	21.0
54	1350	52	1300	07-00547	RBSE-52	79868	23.8
60	1500	58	1450	07-00549	RBSE-58	79869	26.5
66	1650	64	1600	07-00548	RBSE-64	79870	29.3
72	1800	70	1750	07-00550	RBSE-70	79871	32.0

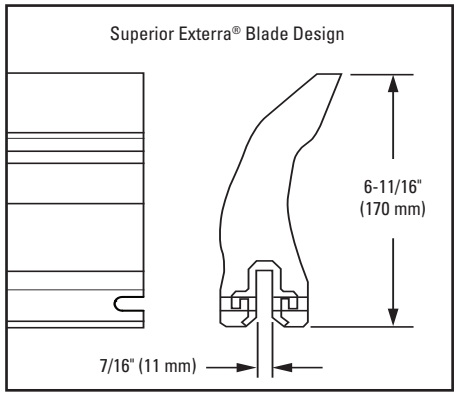
Additional blade sizes are available upon request. Call for pricing.
NOTE: Blade coverage is 2" (50 mm) less than belt width.
Lead time: 3 working days



Specifications

SLOT WIDTH	POLE PLATE THICKNESS	CONSHEAR™ BLADE HEIGHT	EXTERRA® BLADE HEIGHT
7/16" (11 mm)	3/8" (9.5mm)	7-1/4" (184mm)	6-11/16" (170mm)





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		ACTUAL BLADE LENGTH		ASGCO® PART NUMBER	ORDERING NUMBER	CONSHEAR™ ITEM CODE	WT. LBS.
in.	mm	in.	mm				
18	450	18	450	ASG-SK4-18A	RBAS4-18	76032	8.3
24	600	24	600	ASG-SK4-24A	RBAS4-24	76033	11.0
30	750	30	750	ASG-SK4-30A	RBAS4-30	76034	13.8
36	900	36	900	ASG-SK4-36A	RBAS4-36	76035	16.6
42	1050	42	1050	ASG-SK4-42A	RBAS4-42	76036	19.3
48	1200	48	1200	ASG-SK4-48A	RBAS4-48	76037	22.1
54	1350	54	1350	ASG-SK4-54A	RBAS4-54	76038	24.8
60	1500	60	1500	ASG-SK4-60A	RBAS4-60	76039	27.6
72	1800	72	1800	ASG-SK4-72A	RBAS4-72	76040	33.1

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

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

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

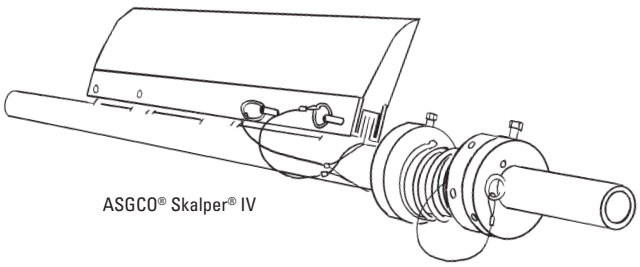
*Also interchangeable with ASGCO® Skalper® III Blades.

Lead time: 1 working day

Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
RB38BP	79481	0.2

Lead time: 1 working day



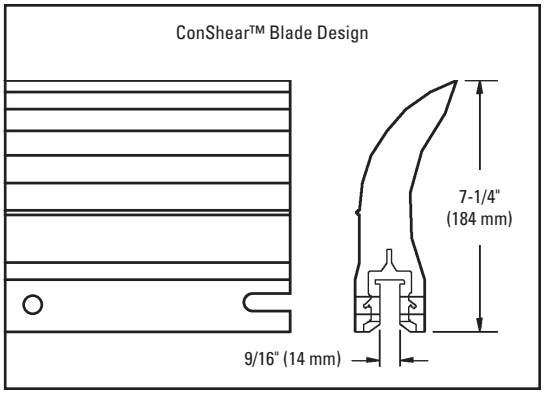
ASGCO® Skalper® IV

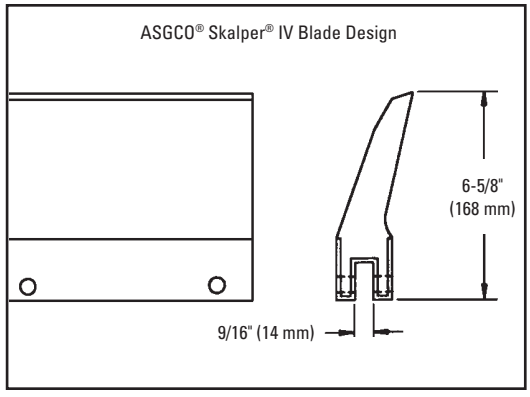
Specifications

SLOT WIDTH	POLE PLATE THICKNESS	CONSHEAR™ BLADE HEIGHT	SKALPER® BLADE HEIGHT
9/16" (14mm)	1/2" (12.5mm)	7-1/4" (184mm)	6-5/8" (168mm)

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	USABLE BLADE AREA (cross-section)	USABLE BLADE VOLUME
ASGCO® Skalper® IV	28" (711mm)	3.29in^2 (21cm^2)	92.1in^3 (1509cm^3)
ConShear™	28" (711mm)	5.50in^2 (35cm^2)	154.0in^3 (2523cm^3)





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

Part Number Cross-Reference Guide

Cross-Reference for Replacement of Argonics™ Raptor™ Blades

Ordering Information

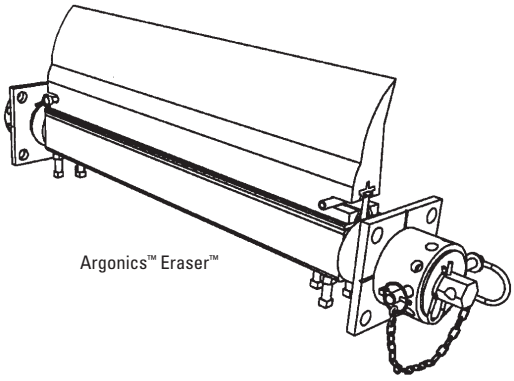
BELT WIDTH		ACTUAL BLADE LENGTH		ARGONICS™ PART NUMBER	ORDERING NUMBER	CONSHEAR™ ITEM CODE	WT. LBS.
in.	mm	in.	mm				
12	300	10	250	CP-RE-10-G83	RBAER-10	76041	4.6
18	450	16	400	CP-RE-16-G83	RBAER-16	76042	7.3
24	600	22	550	CP-RE-22-G83	RBAER-22	76043	10.1
30	750	28	700	CP-RE-28-G83	RBAER-28	76044	12.8
36	900	34	850	CP-RE-34-G83	RBAER-34	76045	15.5
42	1050	40	1000	CP-RE-40-G83	RBAER-40	76046	18.3
46	1150	44	1100	CP-RE-44-G83	RBAER-44	76655	20.1
48	1200	46	1150	CP-RE-46-G83	RBAER-46	76047	21.0
54	1350	52	1300	CP-RE-52-G83	RBAER-52	76048	23.8
60	1500	58	1450	CP-RE-58-G83	RBAER-58	76049	26.5
72	1800	70	1750	CP-RE-70-G83	RBAER-70	76050	32.0

Additional blade sizes are available upon request. Call for pricing.
NOTE: Blade coverage is 2" (50 mm) less than the belt width.
Blade design is identical to ASGCO replacement blade, except for length. Can be interchanged.
Lead time: 1 working day

Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
RB38BP	79481	0.2

Lead time: 1 working day



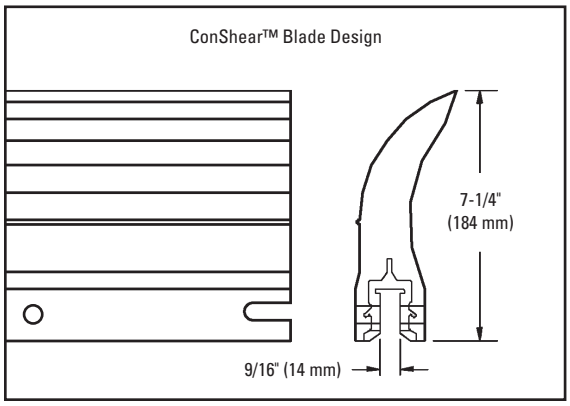
Argonics™ Eraser™

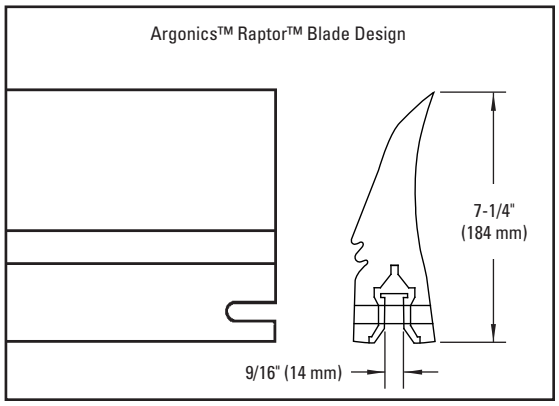
Specifications

SLOT WIDTH	POLE PLATE THICKNESS	CONSHEAR™ BLADE HEIGHT	RAPTOR™ BLADE HEIGHT
9/16" (14mm)	1/2" (12.5mm)	7-1/4" (184mm)	7-1/4" (184mm)

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	USABLE BLADE AREA (cross-section)	USABLE BLADE VOLUME
Argonics™ Raptor™	28" (711mm)	4.25in^2 (27cm^2)	119.0in^3 (1950cm^3)
ConShear™	28" (711mm)	5.50in^2 (35cm^2)	154.0in^3 (2523cm^3)





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

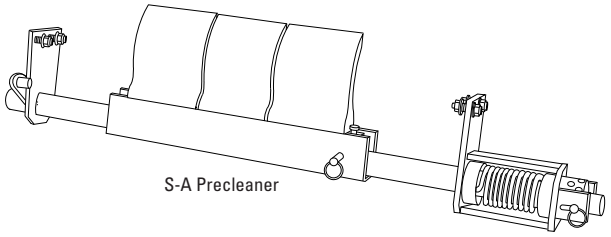
Part Number Cross-Reference Guide

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

Ordering Information

ACTUAL BLADE LENGTH		S-A PART NUMBER	ORDERING NUMBER	CONSHEAR™ ITEM CODE	WT. LBS.
in.	mm				
6	150	ABC90	RB6SA	76570	3.1

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



S-A Precleaner

Cleaner Blades Required Per Belt Width

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
No. Blades Required	2	3	4	5	6	7	8	9	11

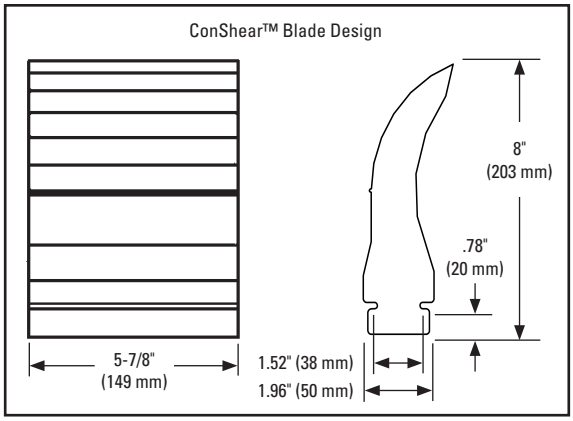
NOTE: Blade coverage is 6" (150 mm) less than the belt width.

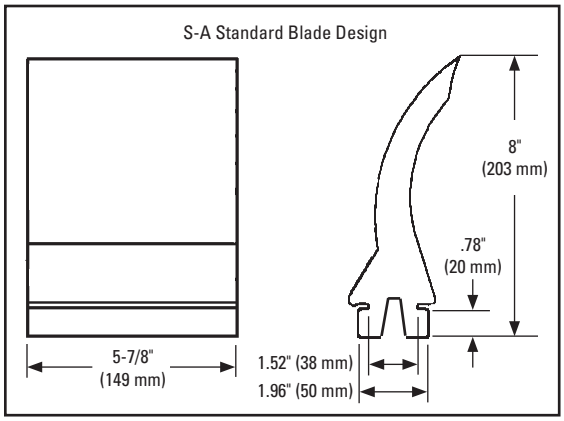
Specifications

BASE WIDTH	BASE HEIGHT	CONSHEAR™ BLADE HEIGHT	S-A BLADE HEIGHT
1.96" (50mm)	.78" (20mm)	8" (203mm)	8" (203mm)

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	USABLE BLADE AREA (cross-section)	USABLE BLADE VOLUME
S-A Metso/Trellex	6" (152mm)	3.88in^2 (25cm^2)	22.8in^3 (373cm^3)
ConShear™	6" (152mm)	5.50in^2 (35cm^2)	33.0in^3 (540cm^3)





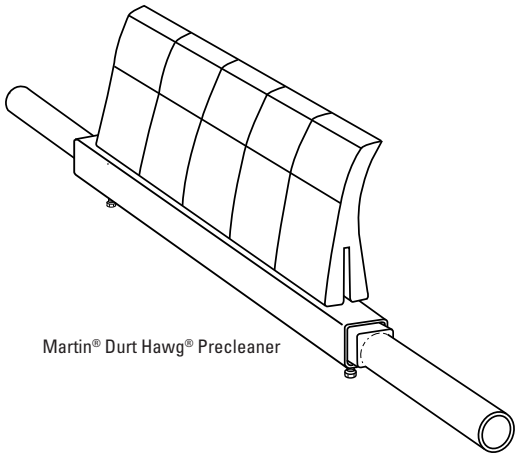
Part Number Cross-Reference Guide

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

Ordering Information

ACTUAL BLADE LENGTH		MARTIN® PART NUMBER	ORDERING NUMBER	CONSHEAR™ ITEM CODE	WT. LBS.
in.	mm				
6	150	27987-C	RB6DH	76571	3.3

Lead time: 1 working day



Martin® Durt Hawg® Precleaner

Cleaner Blades Required Per Belt Width

in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
No. Blades Required	2	3	4	5	6	7	8	9	11

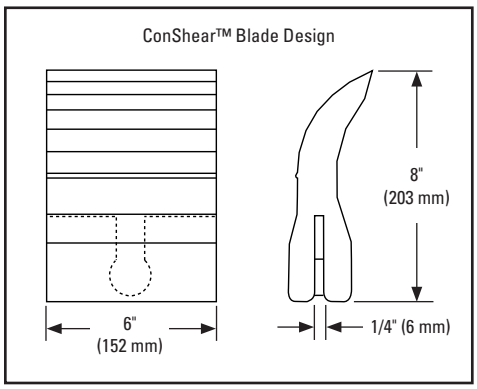
NOTE: Blade coverage is 6" (150 mm) less than the belt width.

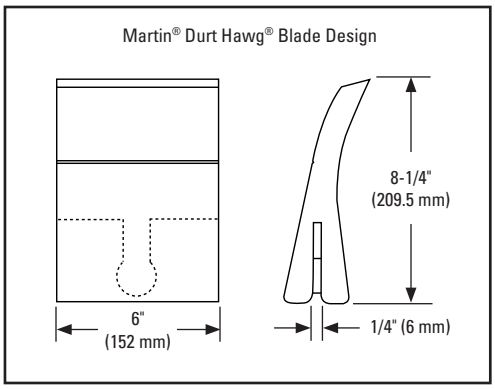
Specifications

SLOT WIDTH	CONSHEAR™ BLADE HEIGHT	DURT HAWG® BLADE HEIGHT
1/4" (6mm)	8" (203mm)	8-1/4" (209.5mm)

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	USABLE BLADE AREA (cross-section)	USABLE BLADE VOLUME
Martin® Durt Hawg®	6" (152mm)	3.80in^2 (24.5cm^2)	22.2in^3 (363cm^3)
ConShear™	6" (152mm)	5.50in^2 (35cm^2)	33.0in^3 (540cm^3)





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

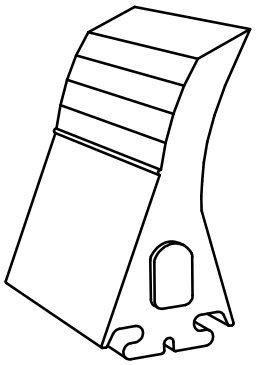
Part Number Cross-Reference Guide

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

Ordering Information

ACTUAL BLADE LENGTH		MARTIN® PART NUMBER	ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm				
6	150	30333-06XX	RBDT-6C	90614	3.2

Lead time: 1 working day



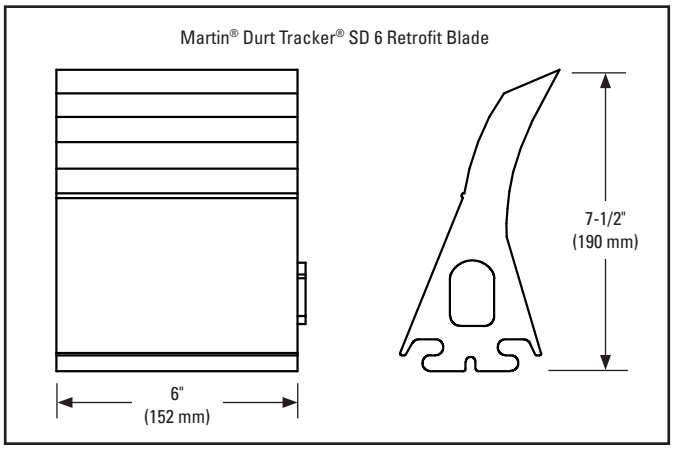
Martin® Durt Tracker®
Replacement Blade

Specifications

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

Usable Blade Volume

BLADE TYPE	BLADE LENGTH	USABLE BLADE AREA (cross-section)	USABLE BLADE VOLUME
Martin® Durt Hawg® SD 6 Retrofit Blade	6" (152mm)	3.7in^2 (45cm^2)	22.3in^3 (365cm^3)



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

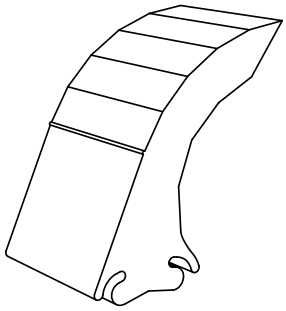
Part Number Cross-Reference Guide

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

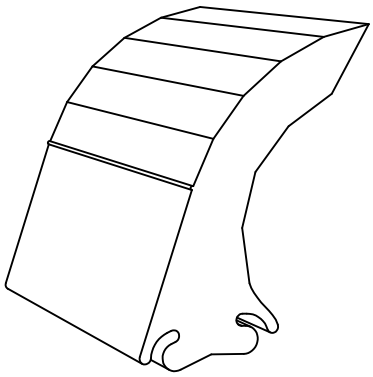
Ordering Information

BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
6	150	RBDTXHD-6.5C	77517	6.5
13	330	RBDTXHD-13C	90615	13.1

Lead time: 1 working day



Martin® Durt Tracker® XHD 6.5 Replacement Blade



Martin® Durt Tracker® XHD 13 Replacement Blade

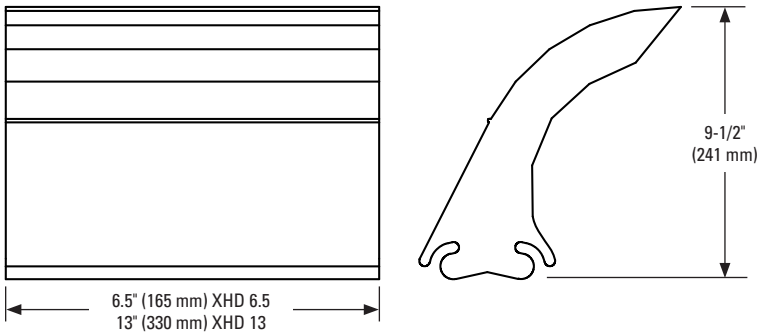
Specifications

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

Usable Blade Volume Comparison

BLADE TYPE	BLADE WIDTH	USABLE BLADE AREA (cross-section)	USABLE BLADE VOLUME
Martin® Durt Hawg® XHD 6.5 Retrofit Blade	6.5" (165mm)	12.1in^2 (78cm^2)	78in^3 (1278cm^3)
Martin® Durt Hawg® XHD 13 Retrofit Blade	13" (330mm)		156in^3 (2556cm^3)

Martin® Durt Tracker® XHD Retrofit Blade



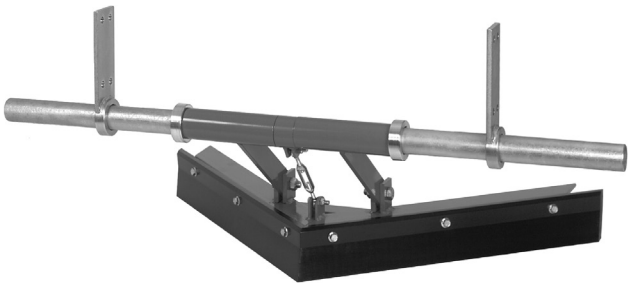
Martin® and Durt Tracker® are registered trademarks of Martin Engineering, Neponset, IL.

Product Ordering Information

V-Plow*

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

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



Replacement Blade Kits**

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

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

Optional Polyurethane Blade Kits**

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

Typically provides 3 to 5 times longer wear life. PU blades are blue in color.
**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:

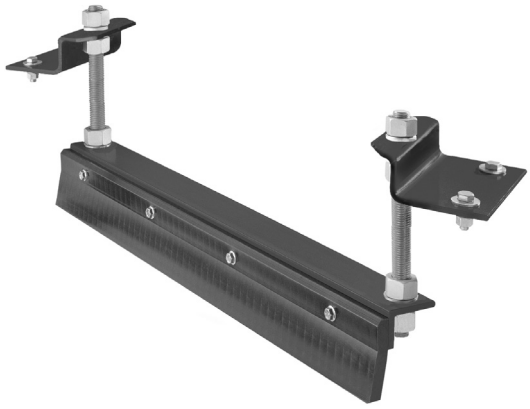
- Exclusive blade design – 20° slant on leading edge spirals debris off the belt.
- Self-adjusting blade – the blade floats on the belt and self-adjusts as it wears.
- Unique blade adjuster – turnbuckle-type adjuster allows the blade to be accurately positioned to the belt.
- Easy to install – comes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

Product Ordering Information

Diagonal Plows*

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

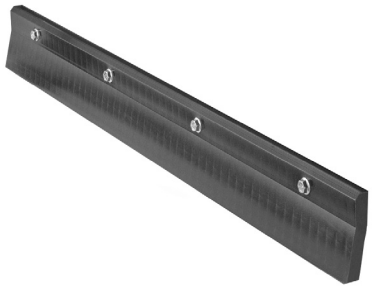
*Use next larger size for belt widths between ranges.
Lead time: 1 working day



Replacement Blade Kits**

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

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



Product Notes:

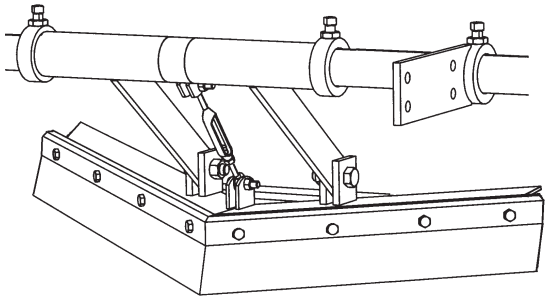
- A belt cleaner for the tail pulley. Prevents damage to the belt, pulley, lagging, and belt splice.
- Keeps fugitive materials off the inside of the belt and out of the tail pulley.
- Installed at a 45° angle across the belt to discharge material to one predetermined side.
- The blade is installed in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

Specifications & Guidelines

V-Plow
Belt Width Specifications

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

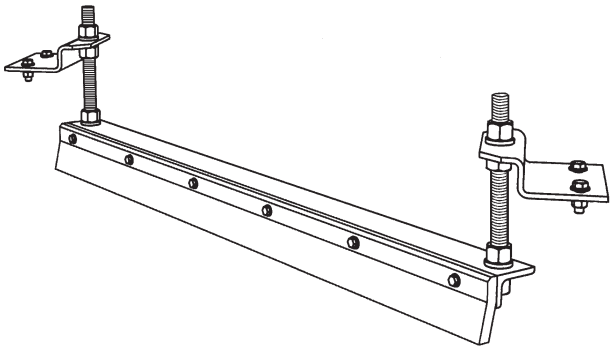
Use next larger size for belt widths between ranges.



Diagonal Plow
Belt Width Specifications

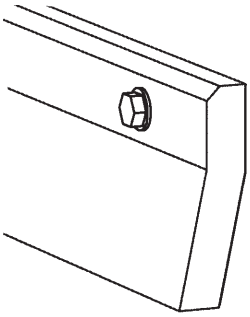
SIZE	BELT WIDTH (Min–Max)	
	in.	mm
Small	18–30	450–750
Medium	36–42	900–1050
Large	48–60	1200–1500
Extra Large	72–84	1800–2100

Use next larger size for belt widths between ranges.



V-Plow & Diagonal Plow Blade Specifications:

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

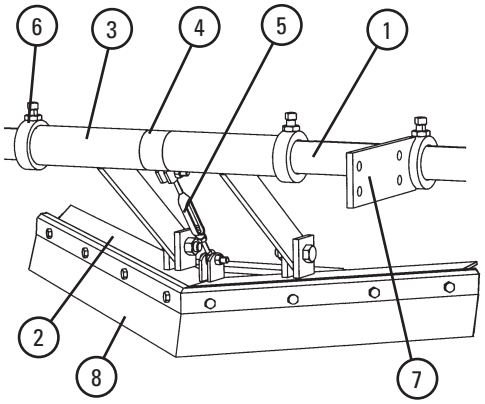


Application Guidelines:

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

Replacement Parts Lists

Replacement Parts - V-Plow



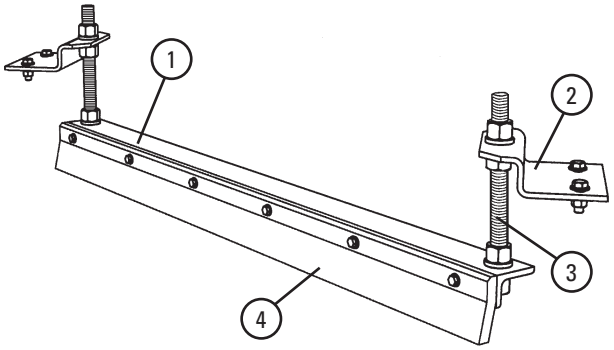
REF	DESCRIPTION	BELT WIDTH (Min–Max) in.	BELT WIDTH (Min–Max) mm	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	V-Plow Pole XS	18–24	450–600	VPXS	73400	13.0
	V-Plow Pole S	30–36	750–900	VPS	73408	15.0
	V-Plow Pole M	42–48	1050–1200	VPM	73409	18.0
	V-Plow Pole L	54–60	1350–1500	VPL	73410	21.0
	V-Plow Pole 72"	72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

Replacement Blade Kits**

8	Replacement Blade Kit XS	18–24	450–600	VBK-XS	73190	4.5
	Replacement Blade Kit S	30–36	750–900	VBK-S	73191	6.0
	Replacement Blade Kit M	42–48	1050–1200	VBK-M	73192	7.5
	Replacement Blade Kit L	54–60	1350–1500	VBK-L	73193	9.0
	Replacement Blade Kit 72"	72	1800	VBK-72	74457	13.0
	Replacement Blade Kit 84"	84	2100	VBK-84	74458	15.0
	Replacement Blade Kit 96"	96	2400	VBK-96	74459	17.0

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

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



Replacement Parts - Diagonal Plow

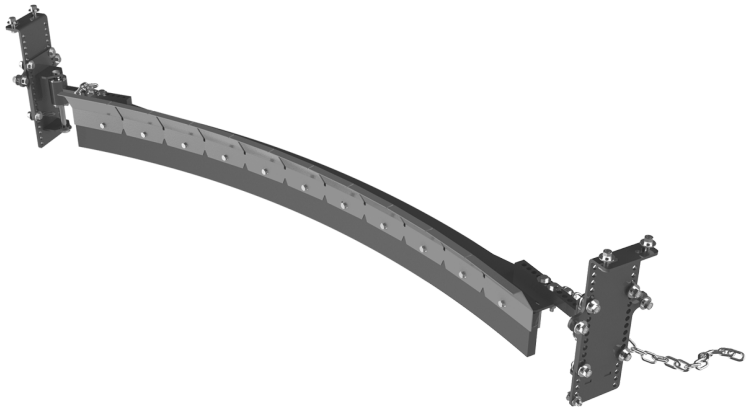
REF	DESCRIPTION	BELT WIDTH (Min–Max) in.	BELT WIDTH (Min–Max) mm	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Small Plow Frame	18–30	450–750	RDPF-S	75566	18.1
	Medium Plow Frame	36–42	900–1050	RDPF-M	75567	26.3
	Large Plow Frame	48–60	1200–1500	RDPF-L	75568	38.4
	Extra Large Plow Frame	72–84	1800–2100	RDPF-XL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

Replacement Blade Kits**

4	Small Plow Blade Kit	18–30	450–750	RDPBK-S	74699	4.0
	Medium Plow Blade Kit	36–42	900–1050	RDPBK-M	74700	5.6
	Large Plow Blade Kit	48–60	1200–1500	RDPBK-L	74701	8.4
	Extra Large Plow Blade Kit	72–84	1800–2100	RDPBK-XL	74702	12.0

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

Product Ordering Information



MXDP Diagonal Plow

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
48	1200	MXDP-48/1200	106063	198.0
54	1350	MXDP-54/1350	106064	207.0
60	1500	MXDP-60/1500	106065	215.0
66	1650	MXDP-66/1650	106066	223.0
72	1800	MXDP-72/1800	106067	232.0
78	1950	MXDP-78/1950	106068	241.0
84	2100	MXDP-84/2100	106069	249.0
96	2400	MXDP-96/2400	106070	266.0
108	2700	MXDP-108/2700	106071	283.0
120	3000	MXDP-120/3000	106072	300.0

Lead time: 4 weeks

MXDP Diagonal Plow with Hungry Board

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
48	1200	MXDP-48/1200-H	106265	218.0
54	1350	MXDP-54/1350-H	106266	229.0
60	1500	MXDP-60/1500-H	106267	239.0
66	1650	MXDP-66/1650-H	106268	249.0
72	1800	MXDP-72/1800-H	106269	260.0
78	1950	MXDP-78/1950-H	106270	272.0
84	2100	MXDP-84/2100-H	106271	281.0
96	2400	MXDP-96/2400-H	106272	302.0
108	2700	MXDP-108/2700-H	106273	324.0
120	3000	MXDP-120/3000-H	106274	345.0

Lead time: 4 weeks

Replacement Blades

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
48	1200	MXDPB-48/1200	106122	26.0
54	1350	MXDPB-54/1350	106123	29.0
60	1500	MXDPB-60/1500	106124	31.0
66	1650	MXDPB-66/1650	106125	34.0
72	1800	MXDPB-72/1800	106126	37.0
78	1950	MXDPB-78/1950	106127	40.0
84	2100	MXDPB-84/2100	106128	43.0
96	2400	MXDPB-96/2400	106129	48.0
108	2700	MXDPB-108/2700	106130	54.0
120	3000	MXDPB-120/3000	106131	59.0

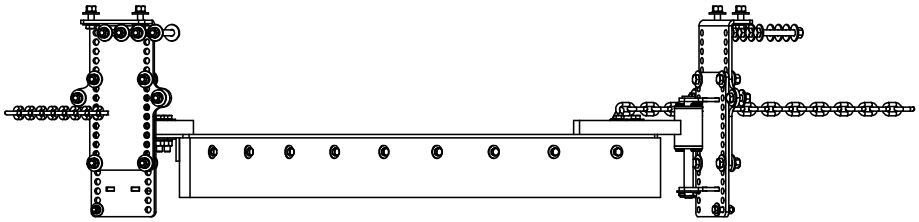
Lead time: 4 weeks

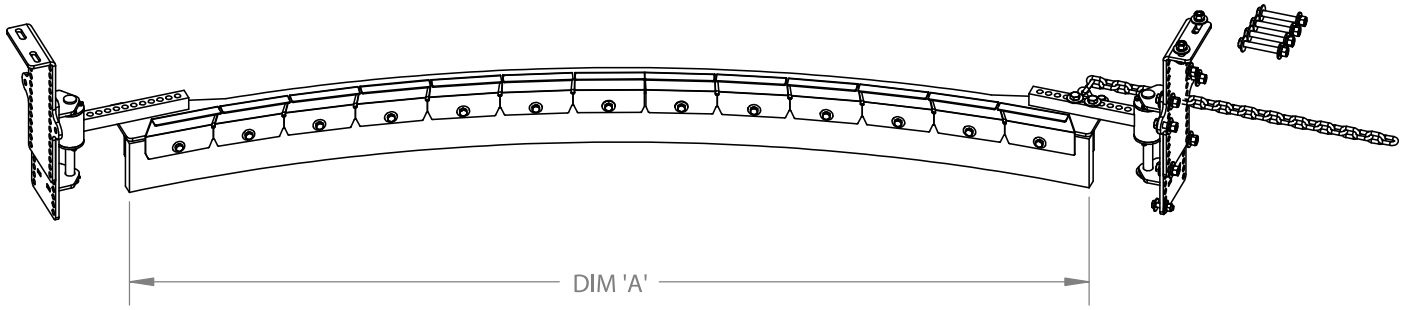
Product Notes:

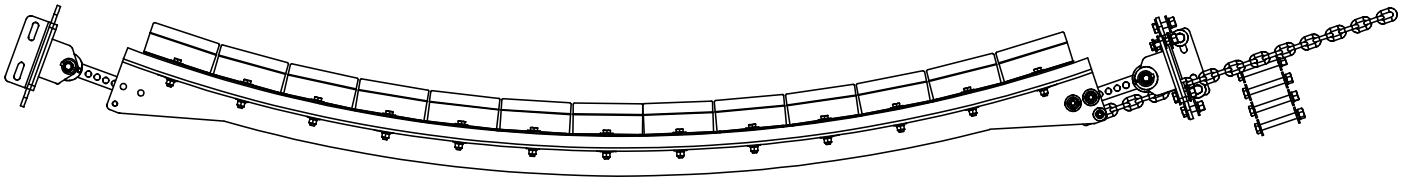
- A belt cleaner for the tail pulley. Prevents damage to the belt, pulley, lagging, and belt splice.
- Keeps fugitive materials off the inside of the belt and out of the tail pulley.
- Installed at a 45° angle across the belt to discharge material to one predetermined side.
- Safety chain included.

Specifications & Guidelines

SPECIFICATIONS			
BELT WIDTH		DIMENSION 'A'	
in.	mm	in.	mm
48	1200	71-5/8	1791
54	1350	79-1/2	1988
60	1500	87-3/8	2184
66	1650	94-5/16	2358
72	1800	103-1/8	2578
78	1950	111-1/16	2777
84	2100	118-7/8	2972
96	2400	134-9/16	3364
108	2700	150-1/4	3756
120	3000	166	4150

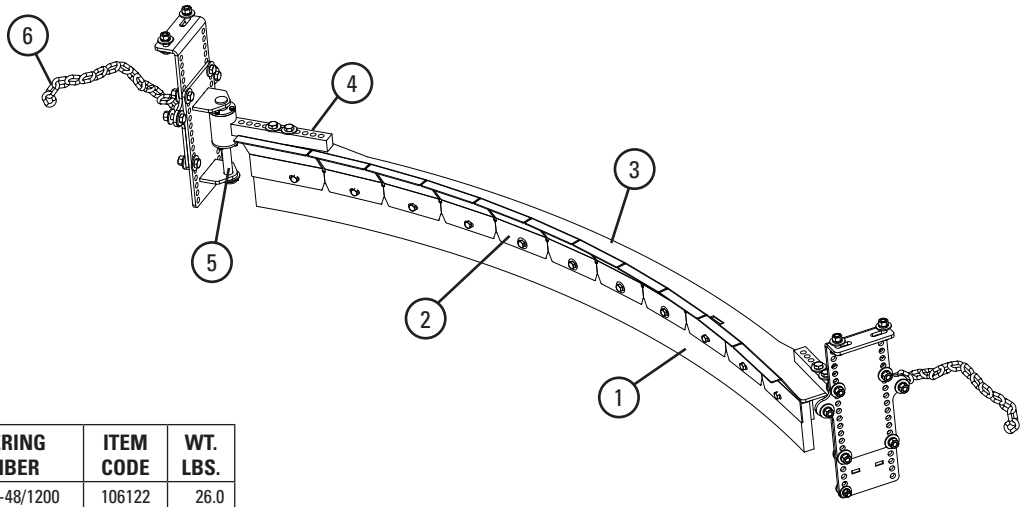






Specifications:

- Maximum Belt Speed .....2000 FPM (10.0 m/s)
- Belt Direction .....One-Way
- Temperature Rating .....-20 to 180°F (-30 to 82°C)
- Available for Belt Widths .....48 to 120" (1200 to 3000 mm)
- Belt Splice .....Mechanically Fastened/Vulcanized
- Blade Material .....Polyurethane



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	48" (1200mm) Blade	MXDPB-48/1200	106122	26.0
	54" (1350mm) Blade	MXDPB-54/1350	106123	29.0
	60" (1500mm) Blade	MXDPB-60/1500	106124	31.0
	66" (1650mm) Blade	MXDPB-66/1650	106125	34.0
	72" (1800mm) Blade	MXDPB-72/1800	106126	37.0
	78" (1950mm) Blade	MXDPB-78/1950	106127	40.0
	84" (2100mm) Blade	MXDPB-84/2100	106128	43.0
	96" (2400mm) Blade	MXDPB-96/2400	106129	48.0
	108" (2700mm) Blade	MXDPB-108/2700	106130	54.0
	120" (3000mm) Blade	MXDPB-120/3000	106131	59.0
2	48" (1200mm) Hungry Board	MXDPH-48/1200	106106	20.0
	54" (1350mm) Hungry Board	MXDPH-54/1350	106107	22.0
	60" (1500mm) Hungry Board	MXDPH-60/1500	106108	25.0
	66" (1650mm) Hungry Board	MXDPH-66/1650	106109	26.0
	72" (1800mm) Hungry Board	MXDPH-72/1800	106110	28.0
	78" (1950mm) Hungry Board	MXDPH-78/1950	106111	31.0
	84" (2100mm) Hungry Board	MXDPH-84/2100	106112	33.0
	96" (2400mm) Hungry Board	MXDPH-96/2400	106113	36.0
	108" (2700mm) Hungry Board	MXDPH-108/2700	106114	41.0
	120" (3000mm) Hungry Board	MXDPH-120/3000	106115	45.0
3	48" (1200mm) Frame	MXDPF-48/1200	106634	54.0
	54" (1350mm) Frame	MXDPF-54/1350	106635	60.0
	60" (1500mm) Frame	MXDPF-60/1500	106636	65.0
	66" (1650mm) Frame	MXDPF-66/1650	106637	70.0
	72" (1800mm) Frame	MXDPF-72/1800	106638	76.0
	78" (1950mm) Frame	MXDPF-78/1950	106639	81.0
	84" (2100mm) Frame	MXDPF-84/2100	106640	87.0
	96" (2400mm) Frame	MXDPF-96/2400	106641	98.0
	108" (2700mm) Frame	MXDPF-108/2700	106642	109.0
	120" (3000mm) Frame	MXDPF-120/3000	106643	120.0
4	Mounting Arm Kit* (1 ea.)	MXDP-MAK	106095	26.0
5	Mounting Pin Kit* (1 ea.)	MXDP-MPK	106548	3.0
6	Safety Chain Kit* (1 ea.)	MXDP-SCK	106624	5.0
–	Mounting Kit - Complete (incl. (2) ea. mounting plates, 4, 5, 6)	MXDP-MK	106549	115.0

*Hardware included
Lead time: 4 weeks

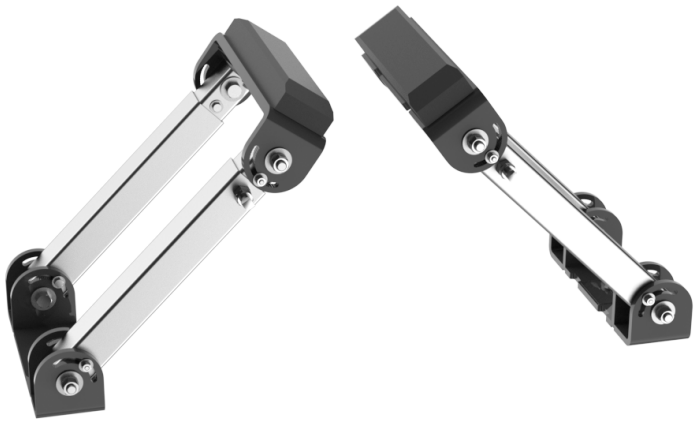
Product Ordering Information

Belt Support Bar

SIZE	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	BSB-1	112918	50.1
2	BSB-2	112919	52.4
3	BSB-3	112920	53.6
4	BSB-4	112921	61.3
5	BSB-5	112922	67.2
6	BSB-6	112923	83.5

Lead time: 1 working day

Shaded items are made to order.
Lead time: 4 weeks



SIZE	ADJUSTMENT RANGE			
	MIN. DISTANCE		MAX. DISTANCE	
	in.	mm	in.	mm
1	11-3/4	298	14-3/4	375
2	13-3/16	335	17-1/2	445
3	14-1/8	359	19-1/2	495
4	15-15/16	405	23-1/4	591
5	19-9/16	497	30-1/2	775
6	23-13/16	605	38-1/2	978

Refer to the charts for correct size.
NOTE: Based on standard width CEMA troughing idler.
NOTE: For Class B or Class F, please contact Flexco.

CEMA Class C

BELT WIDTH		TROUGH ANGLE		
in.	mm	20°	35°	45°
18	450	SIZE 1*	SIZE 1*	SIZE 1*
24	600	SIZE 1	SIZE 1	SIZE 1
30	750	SIZE 1	SIZE 1	SIZE 2
36	900	SIZE 2	SIZE 2	SIZE 3
42	1050	SIZE 3	SIZE 3	SIZE 4
48	1200	SIZE 3	SIZE 4	SIZE 4
54	1350	SIZE 4	SIZE 4	SIZE 4
60	1500	SIZE 4	SIZE 4	SIZE 5

*Mount on the vertical face of the stringer.

CEMA Class D

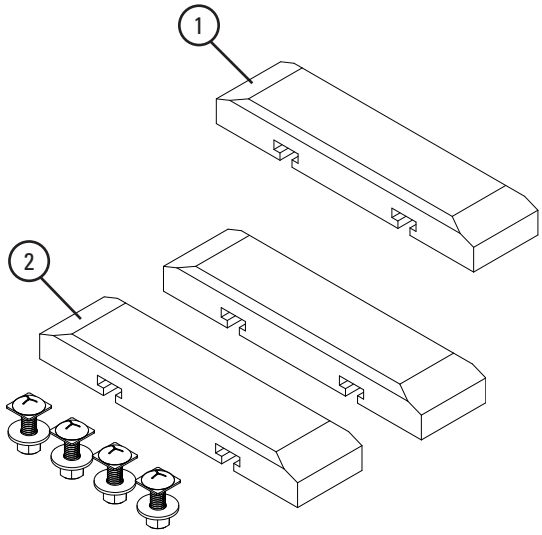
BELT WIDTH		TROUGH ANGLE		
in.	mm	20°	35°	45°
24	600	SIZE 1	SIZE 1	SIZE 1
30	750	SIZE 1	SIZE 2	SIZE 2
36	900	SIZE 2	SIZE 2	SIZE 3
42	1050	SIZE 3	SIZE 3	SIZE 4
48	1200	SIZE 3	SIZE 4	SIZE 4
54	1350	SIZE 4	SIZE 4	SIZE 4
60	1500	SIZE 4	SIZE 4	SIZE 5
72	1800	SIZE 5	SIZE 5	SIZE 6

CEMA Class E

BELT WIDTH		TROUGH ANGLE		
in.	mm	20°	35°	45°
36	900	SIZE 2	SIZE 3	SIZE 3
42	1050	SIZE 3	SIZE 4	SIZE 4
48	1200	SIZE 4	SIZE 4	SIZE 4
54	1350	SIZE 4	SIZE 4	SIZE 4
60	1500	SIZE 5	SIZE 5	SIZE 5
72	1800	SIZE 5	SIZE 5	SIZE 6
84	2100	SIZE 6	SIZE 6	SIZE 6
96	2400	SIZE 6	SIZE 6	SIZE 6

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Bar Replacement	BSB-BR	112960	1.7
2	Bar Replacement Kit	BSB-BRK	112956	2.0



Specifications:

- Maximum Belt Speed ..... 1000 FPM (5 m/s)
- Temperature Rating ..... -20 to 180°F (-28 to 82°C)
- Horizontal Clearance Required ..... 16 to 30" (406 to 750 mm)
- Available for Belt Widths ..... 18 to 96" (450 to 2400 mm).

Product Notes:

- Intended to be located near load zone, skirting and idlers. Not intended for impact area.

Specifications & Guidelines

Easy Solution for Load Zone Problems

- Complete load zone offering with slider beds through impact beds for up to 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 + 9" (225 mm), per CEMA. For wider structure, contact Customer Service for special quote.

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

Roller Size and CEMA Rating

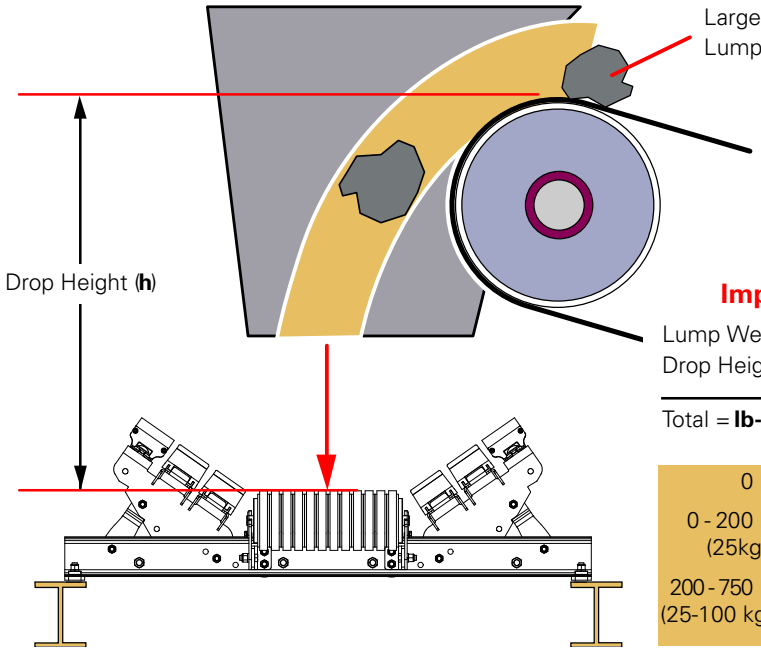
5" (125 mm) ☐ **6" (150 mm)** ☐

CEMA **C** ☐ **D** ☐ **E** ☐

Belt Width: _____

Bed Length: 4' (1.2 m) ☐ **5' (1.5 m)** ☐

Impact Energy Calculation Chart



Impact Energy

Lump Weight (**w**) _____

Drop Height (**h**) **x** _____

Total = **lb-ft** See Below

0 lb-ft— **EZSB-C**

0 - 200 lb-ft— **EZSB-I or EZIB-L** (25kg-m)

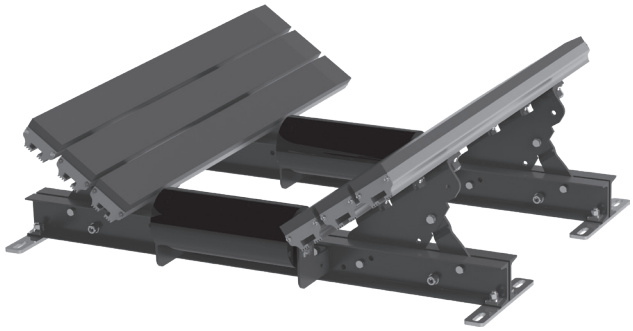
200 - 750 lb-ft— **EZIB-M** (25-100 kg-m)

Product Ordering Information

4' (1.2 m) Length

BELT WIDTH		TONNAGE RATING	ORDERING	ITEM	WT.
in.	mm	(ton/hr)	NUMBER	CODE	LBS
24	600	–	EZSB24-4C	78855	244.1
30	750	–	EZSB30-4C	78856	263.2
36	900	–	EZSB36-4C	78857	289.0
42	1050	–	EZSB42-4C	78858	358.8
48	1200	–	EZSB48-4C	78859	385.7
54	1350	–	EZSB54-4C	78860	455.1
60	1500	–	EZSB60-4C	78861	478.7
72	1800	–	EZSB72-4C	78862	513.0

For non-impact areas.
Lead time: 1 working day



5' (1.5 m) Length

BELT WIDTH		TONNAGE RATING	ORDERING	ITEM	WT.
in.	mm	(ton/hr)	NUMBER	CODE	LBS
24	600	–	EZSB24-5C	78863	261.1
30	750	–	EZSB30-5C	78864	279.7
36	900	–	EZSB36-5C	78865	305.5
42	1050	–	EZSB42-5C	78866	382.9
48	1200	–	EZSB48-5C	78867	410.4
54	1350	–	EZSB54-5C	78868	488.0
60	1500	–	EZSB60-5C	78869	511.6
72	1800	–	EZSB72-5C	78870	545.9

For non-impact areas.
Lead time: 1 working day

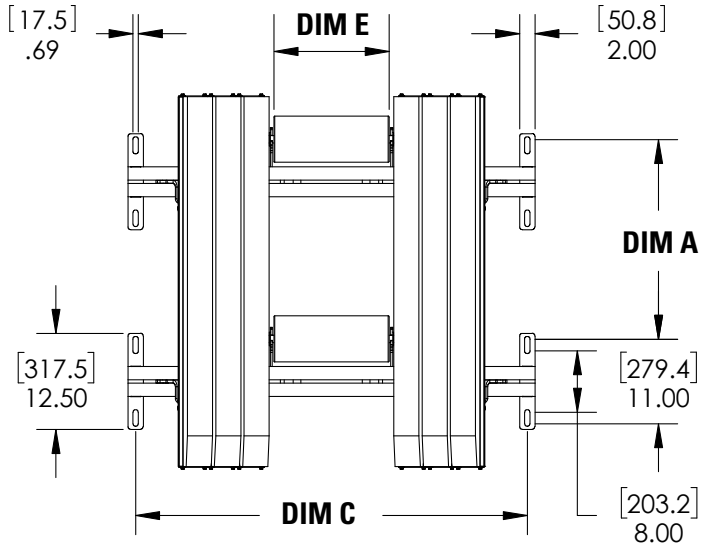
Product Notes:

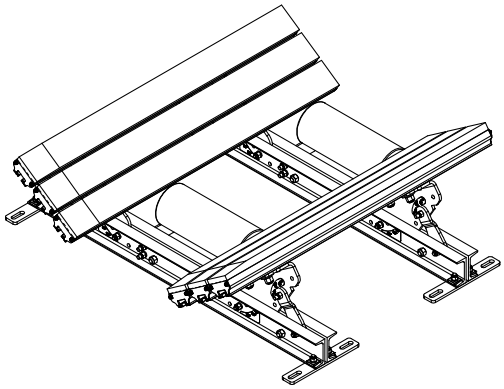
- CEMA D construction
- No need to specify troughing angle – designed to adjust to 20°, 35°, 45°.
- Designed for containment in the load zone, but not intended for impact zones.
- Slider bars are solid 1" (25 mm) UHMW providing longer wear life and consistent load zone sealing.
- Product ships with two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

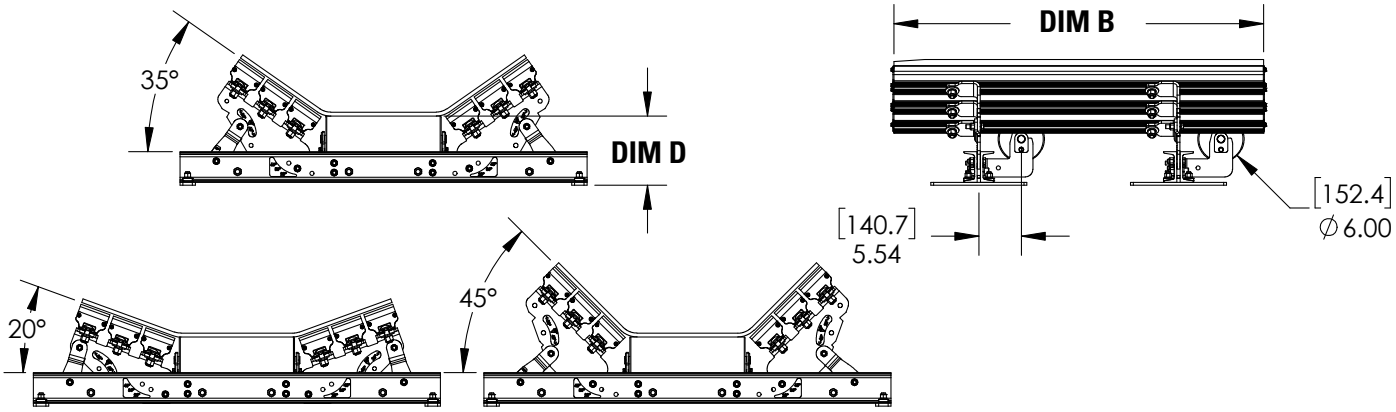
Adjustable Idler Set

BELT WIDTH		ORDERING	ITEM	WT.
in.	mm	NUMBER	CODE	LBS
24	600	EZAI-24	79000	79.9
30	750	EZAI-30	79001	90.0
36	900	EZAI-36	79002	100.7
42	1050	EZAI-42	79003	110.0
48	1200	EZAI-48	79004	123.3
54	1350	EZAI-54	79005	132.5
60	1500	EZAI-60	79006	141.3
72	1800	EZAI-72	79007	163.6

For non-impact areas.
For placement in between 3 or more beds or in transitions;
Adjusts from 10–45° in 5° increments.
SHIM-KIT-EZAI 91857 $100 - includes two 1/4" (6 mm) and two 1/2" (12.5 mm) shims.
Lead time: 1 working day

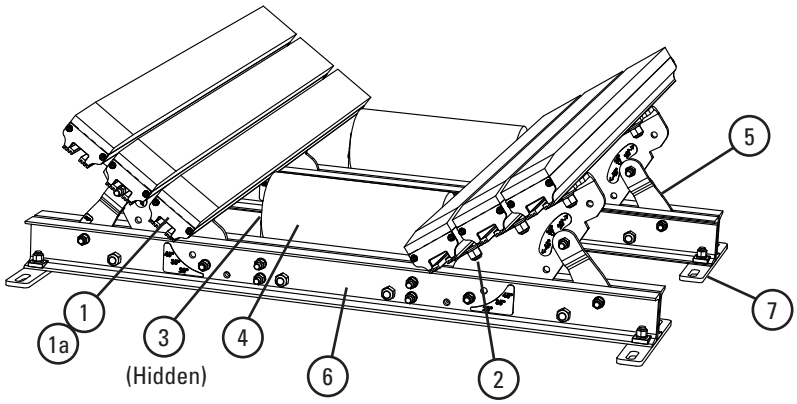






Bed Length 4' (1.2 m)				Bed Length 5' (1.5 m)				Bed Width		Dim C		Dim D		Dim E	
Dim A		Dim B		Dim A		Dim B									
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
26	660.4	48.82	1240	34	863.6	59.06	1500	24	600	33	838	9	229	9	229
								30	750	39	991	9	229	11	279
								36	900	45	1143	9	229	13	330
								42	1050	51	1295	9	229	15	381
								48	1200	57	1448	9	229	17	432
								54	1350	63	1600	9.25	235	19	483
								60	1500	69	1753	9.25	235	21	533
								72	1800	81	2057	9.5	241	25	635

Replacement Parts List



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Slider Bar, 4' (1.2m)	SB4	78789	20.0
1a	Slider Bar, 5' (1.5m)	SB5	78790	24.1
2	Bar Bolt Kit (incl. 1 ea. 5/8" (15mm) carriage bolt, square washer, flat washer, lock washer, Nylock nut)	IBBK	76928	0.5
3	Slider Roll Mount Kit*	EZRMK	78952	5.1
4	24" (600mm) Roll	RRTD6-24	79874	18.2
	30" (750mm) Roll	RRTD6-30	79875	21.2
	36" (900mm) Roll	RRTD6-36	79876	24.6
	42" (1050mm) Roll	RRTD6-42	79877	27.8
	48" (1200mm) Roll	RRTD6-48	79878	32.2
	54" (1350mm) Roll	RRTD6-54	79879	34.0
	60" (1500mm) Roll	RRTD6-60	79880	36.2
	72" (1800mm) Roll	RRTD6-72	79881	43.2
5	24" (600mm) Wing Plate Kit*	EZWPK-24	78970	16.9
	30" (750mm) Wing Plate Kit*	EZWPK-30	78971	17.4
	36" (900mm) Wing Plate Kit*	EZWPK-36	78972	21.2
	42" (1050mm) Wing Plate Kit*	EZWPK-42	78973	26.2
	48" (1200mm) Wing Plate Kit*	EZWPK-48	78974	30.1
	54" (1350mm) Wing Plate Kit*	EZWPK-54	78975	35.6
	60" (1500mm) Wing Plate Kit*	EZWPK-60	78976	39.0
	72" (1800mm) Wing Plate Kit*	EZWPK-72	78977	46.7
6	24" (600mm) Cross Stringer Kit*	EZCSK-24	78978	49.2
	30" (750mm) Cross Stringer Kit*	EZCSK-30	78979	56.5
	36" (900mm) Cross Stringer Kit*	EZCSK-36	78980	63.8
	42" (1050mm) Cross Stringer Kit*	EZCSK-42	78981	70.8
	48" (1200mm) Cross Stringer Kit*	EZCSK-48	78982	78.5
	54" (1350mm) Cross Stringer Kit*	EZCSK-54	78983	85.8
	60" (1500mm) Cross Stringer Kit*	EZCSK-60	78984	93.1
	72" (1800mm) Cross Stringer Kit*	EZCSK-72	78985	99.1
7	Shim Kit Light Duty (incl. 4 shims)	SHIM-KITL	77548	13.6

*Hardware Included

Shim Requirements

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

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

Replacement Quantities for EZSB-C

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

Product Ordering Information

4' (1.2 m) Length

BELT WIDTH		TONNAGE RATING	ORDERING	ITEM	WT.
in.	mm	(ton/hr)	NUMBER	CODE	LBS
24	600	3,500	EZSB24-4I	78871	277.0
30	750	3,500	EZSB30-4I	78872	300.0
36	900	4,100	EZSB36-4I	78873	330.1
42	1050	4,500	EZSB42-4I	78874	407.1
48	1200	4,500	EZSB48-4I	78875	437.0
54	1350	4,500	EZSB54-4I	78876	514.0
60	1500	4,500	EZSB60-4I	78877	543.0
72	1800	4,500	EZSB72-4I	78878	586.0

For impact zones with less than 200 lb-ft energy.
Lead time: 1 working day

5' (1.5 m) Length

BELT WIDTH		TONNAGE RATING	ORDERING	ITEM	WT.
in.	mm	(ton/hr)	NUMBER	CODE	LBS
24	600	3,500	EZSB24-5I	78879	294.1
30	750	3,500	EZSB30-5I	78880	317.1
36	900	4,100	EZSB36-5I	78881	347.2
42	1050	4,500	EZSB42-5I	78882	433.0
48	1200	4,500	EZSB48-5I	78883	463.0
54	1350	4,500	EZSB54-5I	78884	548.8
60	1500	4,500	EZSB60-5I	78885	577.9
72	1800	4,500	EZSB72-5I	78886	620.2

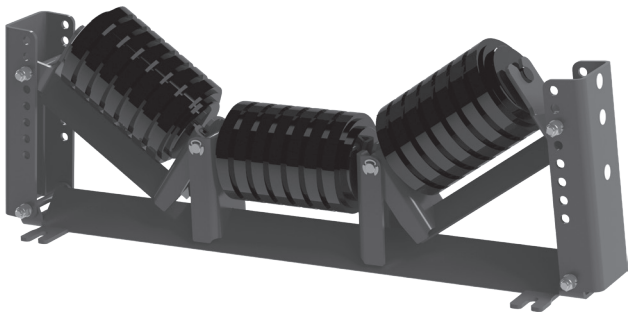
For impact zones with less than 200 lb-ft energy.
* 5' (1.5 m) beds come with 5 impact rolls.
Lead time: 1 working day

Product Notes:

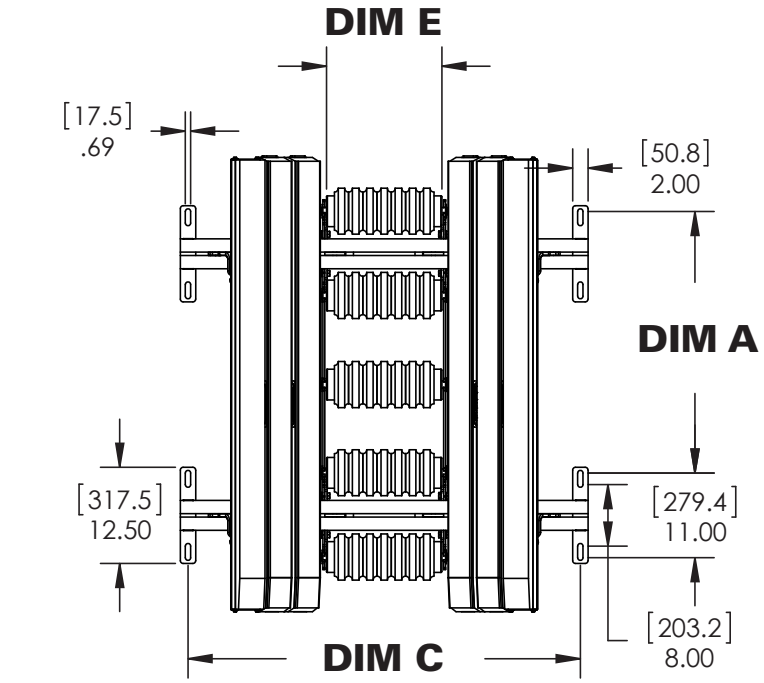
- CEMA D construction
- No need to specify troughing angle – designed to adjust to 20°, 35°, 45°.
- Outermost trough bar features 1" (25 mm) solid UHMW slider bar to provide longer wear life and consistent load zone sealing where impact is not present.

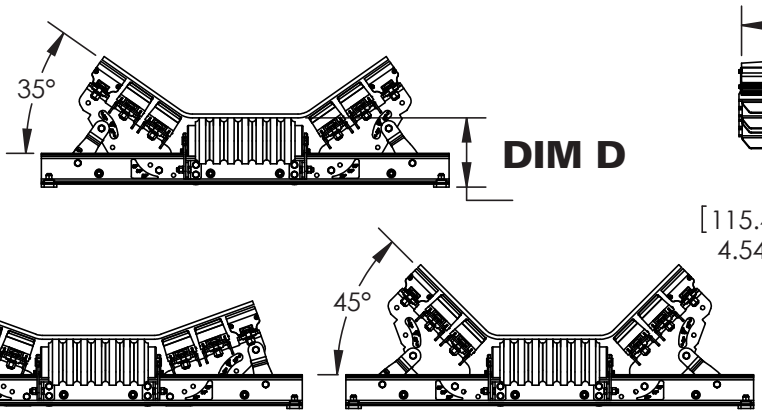
Adjustable Idler Set with Impact Rolls

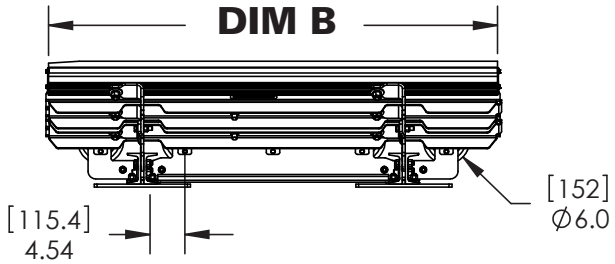
BELT WIDTH		ORDERING	ITEM	WT.
in.	mm	NUMBER	CODE	LBS
24	600	EZAI-24I	79091	89.9
30	750	EZAI-30I	79092	100.0
36	900	EZAI-36I	79093	110.7
42	1050	EZAI-42I	79094	120.0
48	1200	EZAI-48I	79095	133.3
54	1350	EZAI-54I	79096	142.5
60	1500	EZAI-60I	79097	151.3
72	1800	EZAI-72I	79098	173.6



For placement in between 3 or more beds or in transitions;
Adjusts from 10–45° in 5° increments.
SHIM-KIT-EZAI 91857 $100 - includes two 1/4" (6 mm) and two 1/2" (12.5 mm) shims.
Lead time: 1 working day



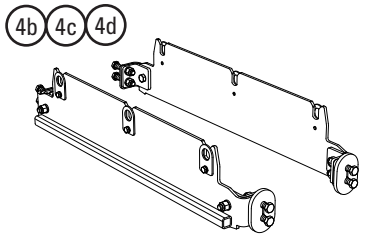


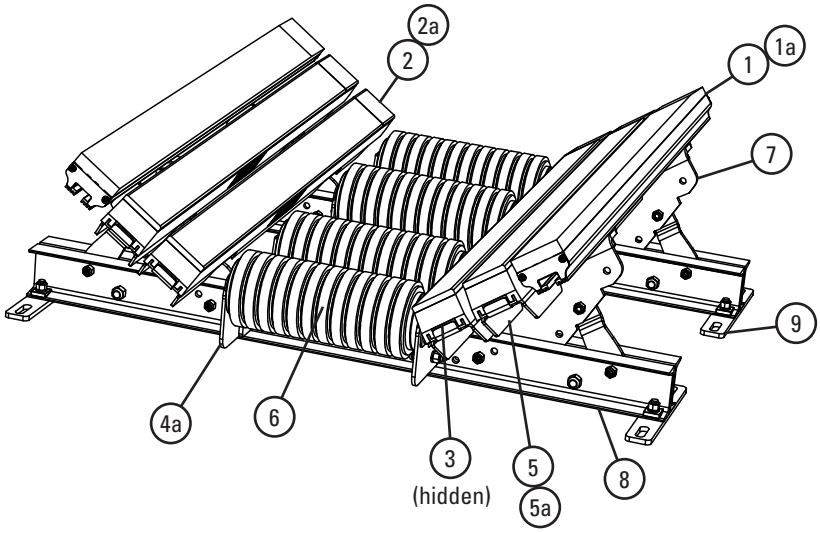


Bed Length 4' (1.2 m)				Bed Length 5' (1.5 m)*				Bed Width		Dim C		Dim D		Dim E	
Dim A		Dim B		Dim A		Dim B									
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
26	660.4	48.14	1222.8	34	863.6	58.38	1482.9	24	600	33	838	9	229	9	229
								30	750	39	991	9	229	11	279
								36	900	45	1143	9	229	13	330
								42	1050	51	1295	9	229	15	381
								48	1200	57	1448	9	229	17	432
								54	1350	63	1600	9.25	235	19	483
								60	1500	69	1753	9.25	235	21	533
								72	1800	81	2057	9.5	241	25	635

* 5' (1.5 m) beds come with 5 impact rolls

Replacement Parts List





Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Slider Bar, 4' (1.2m)	SB4	78789	20.0
1a	Slider Bar, 5' (1.5m)	SB5	78790	24.1
2	Impact Bar, 4' (1.2m)	IB4	76926	17.0
2a	Impact Bar, 5' (1.5m)	IB5	76927	21.0
3	Bar Bolt Kit (incl. 1 ea. 5/8" (15mm) carriage bolt, square washer, flat washer, lock washer, Nylock nut)	IBBK	76928	0.5
4a	Impact Roller Mount Kit*§	EZIRMK	79318	5.1
4b	Center Roller Mount Kit for 5' (1.5M) x 24–48" (600–1200mm)**	EZCRMK24-48	90434	43.5
4c	Center Roller Mount Kit for 5' (1.5M) x 54–60" (1350–1500mm)**	EZCRMK54-60	90261	43.5
4d	Center Roller Mount Kit for 5' (1.5M) x 72" (1800mm)**	EZCRMK72	90262	43.7
5	Impact Bar Support - L 4' (1.2m)*	EZBS-L4	78953	16.1
5a	Impact Bar Support - L 5' (1.5m)*	EZBS-L5	78954	20.4
6	24" (600mm) Impact Roll	RRTID6-24	79883	20.0
	30" (750mm) Impact Roll	RRTID6-30	79884	24.0
	36" (900mm) Impact Roll	RRTID6-36	79885	27.8
	42" (1050mm) Impact Roll	RRTID6-42	79886	32.0
	48" (1200mm) Impact Roll	RRTID6-48	79887	35.8
	54" (1350mm) Impact Roll	RRTID6-54	79888	39.6
	60" (1500mm) Impact Roll	RRTID6-60	79889	43.4
	72" (1800mm) Impact Roll	RRTID6-72	79890	51.2
7	24" (600mm) Wing Plate Kit*	EZWPK-24	78970	16.9
	30" (750mm) Wing Plate Kit*	EZWPK-30	78971	17.4
	36" (900mm) Wing Plate Kit*	EZWPK-36	78972	21.2
	42" (1050mm) Wing Plate Kit*	EZWPK-42	78973	26.2
	48" (1200mm) Wing Plate Kit*	EZWPK-48	78974	30.1
	54" (1350mm) Wing Plate Kit*	EZWPK-54	78975	35.6
	60" (1500mm) Wing Plate Kit*	EZWPK-60	78976	39.0
	72" (1800mm) Wing Plate Kit*	EZWPK-72	78977	46.7
8	24" (600mm) Cross Stringer Kit*	EZCSK-24	78978	49.2
	30" (750mm) Cross Stringer Kit*	EZCSK-30	78979	56.5
	36" (900mm) Cross Stringer Kit*	EZCSK-36	78980	63.8
	42" (1050mm) Cross Stringer Kit*	EZCSK-42	78981	70.8
	48" (1200mm) Cross Stringer Kit*	EZCSK-48	78982	78.5
	54" (1350mm) Cross Stringer Kit*	EZCSK-54	78983	85.8
	60" (1500mm) Cross Stringer Kit*	EZCSK-60	78984	93.1
	72" (1800mm) Cross Stringer Kit*	EZCSK-72	78985	99.1
9	Shim Kit Light Duty (incl. 4 shims)	SHIM-KITL	77548	13.6

§ 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.
** 5' (1.5 m) beds come with 5 impact rolls.
*Hardware included.
Lead time: 1 working day

Shim Requirements

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

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

Replacement Quantities for EZSB-I

in.		24	30	36	42	48	54	60	72
mm		600	750	900	1050	1200	1350	1500	1800
ROLLS REQUIRED	4' BEDS	4	4	4	4	4	4	4	4
	5' BEDS	5	5	5	5	5	5	5	5
BARS REQUIRED	SLIDER	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

4' (1.2 m) Length

BELT WIDTH		TONNAGE RATING	ORDERING NUMBER	ITEM CODE	WT. LBS
in.	mm	(ton/hr)			
24	600	3,500	EZIB24-4L	78887	304.3
30	750	3,500	EZIB30-4L	78888	320.9
36	900	4,100	EZIB36-4L	78889	384.8
42	1050	5,200	EZIB42-4L	78890	454.4
48	1200	5,800	EZIB48-4L	78891	518.4
54	1350	7,000	EZIB54-4L	78892	589.0
60	1500	7,600	EZIB60-4L	78893	652.0
72	1800	8,100	EZIB72-4L	78894	721.5

Lead time: 1 working day

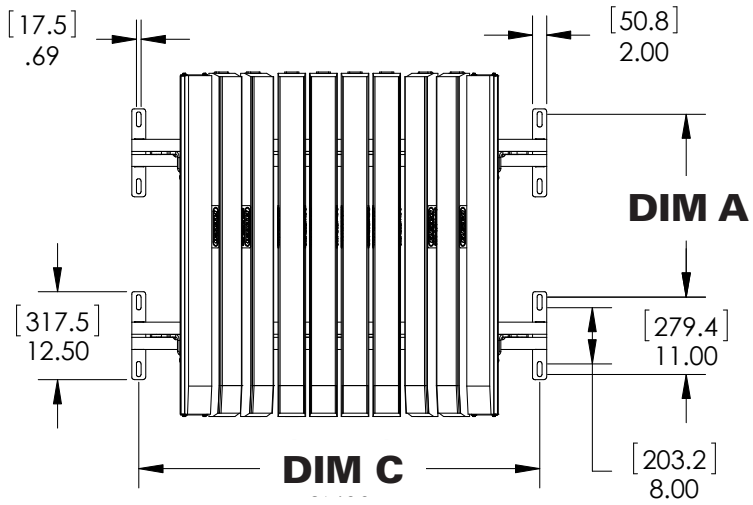
5' (1.5 m) Length

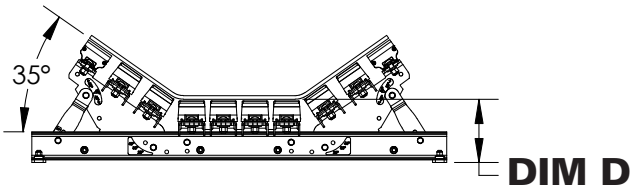
BELT WIDTH		TONNAGE RATING	ORDERING NUMBER	ITEM CODE	WT. LBS
in.	mm	(ton/hr)			
24	600	3,500	EZIB24-5L	78895	338.8
30	750	3,500	EZIB30-5L	78896	355.5
36	900	4,100	EZIB36-5L	78897	428.1
42	1050	5,200	EZIB42-5L	78898	506.5
48	1200	5,800	EZIB48-5L	78899	579.3
54	1350	7,000	EZIB54-5L	78900	658.8
60	1500	7,600	EZIB60-5L	78901	729.9
72	1800	8,100	EZIB72-5L	78902	808.7

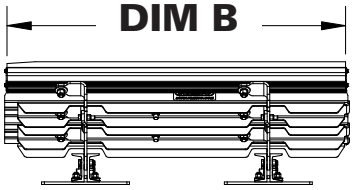
Lead time: 1 working day

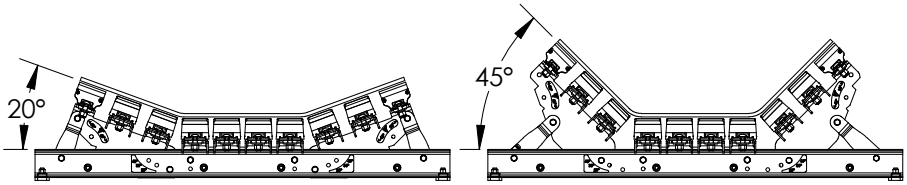
Product Notes:

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



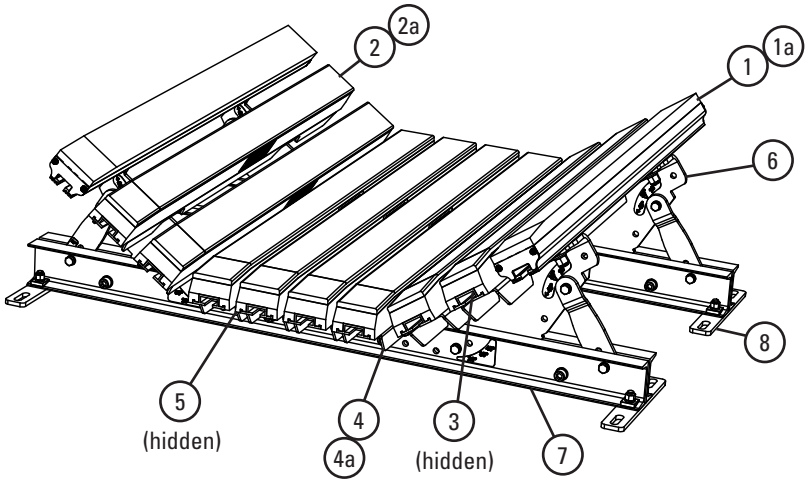






Bed Length 4' (1.2 m)				Bed Length 5' (1.5 m)				Bed Width		Dim C		Dim D	
Dim A		Dim B		Dim A		Dim B							
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
26	660.4	48.14	1222.8	34	863.6	58.38	1482.9	24	600	33	838	9	229
								30	750	39	991	9	229
								36	900	45	1143	9	229
								42	1050	51	1295	9	229
								48	1200	57	1448	9	229
								54	1350	63	1600	9.25	235
								60	1500	69	1753	9.25	235
								72	1800	81	2057	9.5	241

Replacement Parts List



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Slider Bar, 4' (1.2m)	SB4	78789	20.0
1a	Slider Bar, 5' (1.5m)	SB5	78790	24.1
2	Impact Bar, 4' (1.2m)	IB4	76926	17.0
2a	Impact Bar, 5' (1.5m)	IB5	76927	21.0
3	Bar Bolt Kit (incl. 1 ea. 5/8" (15mm) carriage bolt, square washer, flat washer, lock washer, Nylock nut)	IBBK	76928	0.5
4	Impact Bar Support - L 4' (1.2m)*	EZBS-L4	78953	16.1
4a	Impact Bar Support - L 5' (1.5m)*	EZBS-L5	78954	20.4
5	24" (600mm) Center Bar Mount Kit	EZBMK-24	78944	5.2
	30" (750mm) Center Bar Mount Kit	EZBMK-30	78945	5.7
	36" (900mm) Center Bar Mount Kit	EZBMK-36	78946	7.5
	42" (1050mm) Center Bar Mount Kit	EZBMK-42	78947	8.0
	48" (1200mm) Center Bar Mount Kit	EZBMK-48	78948	9.8
	54" (1350mm) Center Bar Mount Kit	EZBMK-54	78949	10.5
	60" (1500mm) Center Bar Mount Kit	EZBMK-60	78950	12.3
	72" (1800mm) Center Bar Mount Kit	EZBMK-72	78951	14.6
6	24" (600mm) Wing Plate Kit*	EZWPK-24	78970	16.9
	30" (750mm) Wing Plate Kit*	EZWPK-30	78971	17.4
	36" (900mm) Wing Plate Kit*	EZWPK-36	78972	21.2
	42" (1050mm) Wing Plate Kit*	EZWPK-42	78973	26.2
	48" (1200mm) Wing Plate Kit*	EZWPK-48	78974	30.1
	54" (1350mm) Wing Plate Kit*	EZWPK-54	78975	35.6
	60" (1500mm) Wing Plate Kit*	EZWPK-60	78976	39.0
	72" (1800mm) Wing Plate Kit*	EZWPK-72	78977	46.7
7	24" (600mm) Cross Stringer Kit*	EZCSK-24	78978	49.2
	30" (750mm) Cross Stringer Kit*	EZCSK-30	78979	56.5
	36" (900mm) Cross Stringer Kit*	EZCSK-36	78980	63.8
	42" (1050mm) Cross Stringer Kit*	EZCSK-42	78981	70.8
	48" (1200mm) Cross Stringer Kit*	EZCSK-48	78982	78.5
	54" (1350mm) Cross Stringer Kit*	EZCSK-54	78983	85.8
	60" (1500mm) Cross Stringer Kit*	EZCSK-60	78984	93.1
	72" (1800mm) Cross Stringer Kit*	EZCSK-72	78985	99.1
8	Shim Kit Light Duty (incl. 4 shims)	SHIM-KITL	77548	13.6

*Hardware Included
Lead time: 1 working day

Shim Requirements

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

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

Replacement Quantities for EZIB-L

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

4' (1.2 m) Length

BELT WIDTH		TONNAGE RATING	ORDERING NUMBER	ITEM CODE	WT. LBS
in.	mm	(ton/hr)			
24	600	8,100	EZIB24-4M	78903	409.5
30	750	8,100	EZIB30-4M	78904	434.5
36	900	9,500	EZIB36-4M	78905	473.4
42	1050	12,200	EZIB42-4M	78906	595.0
48	1200	13,600	EZIB48-4M	78907	672.9
54	1350	16,300	EZIB54-4M	78908	757.9
60	1500	17,600	EZIB60-4M	78909	796.1
72	1800	19,000	EZIB72-4M	78910	844.2

Lead time: 1 working day

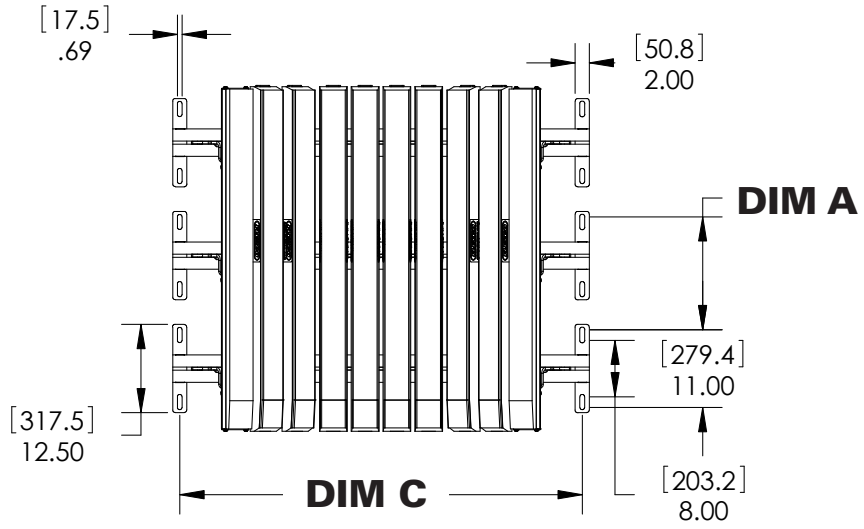
5' (1.5 m) Length

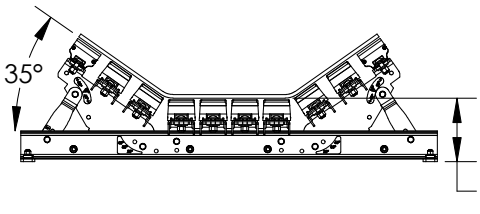
BELT WIDTH		TONNAGE RATING	ORDERING NUMBER	ITEM CODE	WT. LBS
in.	mm	(ton/hr)			
24	600	8,100	EZIB24-5M	78911	452.6
30	750	8,100	EZIB30-5M	78912	477.6
36	900	9,500	EZIB36-5M	78913	516.5
42	1050	12,200	EZIB42-5M	78914	655.7
48	1200	13,600	EZIB48-5M	78915	742.3
54	1350	16,300	EZIB54-5M	78916	836.3
60	1500	17,600	EZIB60-5M	78917	874.4
72	1800	19,000	EZIB72-5M	78918	1016.3

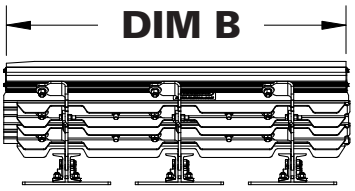
Lead time: 1 working day

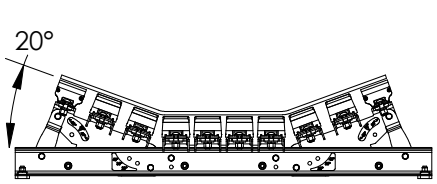
Product Notes:

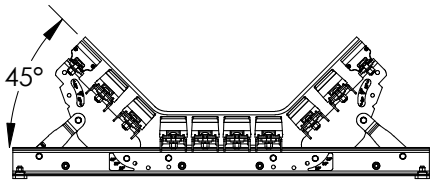
- CEMA D construction
- No need to specify troughing angle–designed to adjust to 20°, 35°, 45°.
- Outermost trough bar features 1" (25 mm) solid UHMW slider bar to provide longer wear life and consistent load zone sealing where impact is not present.







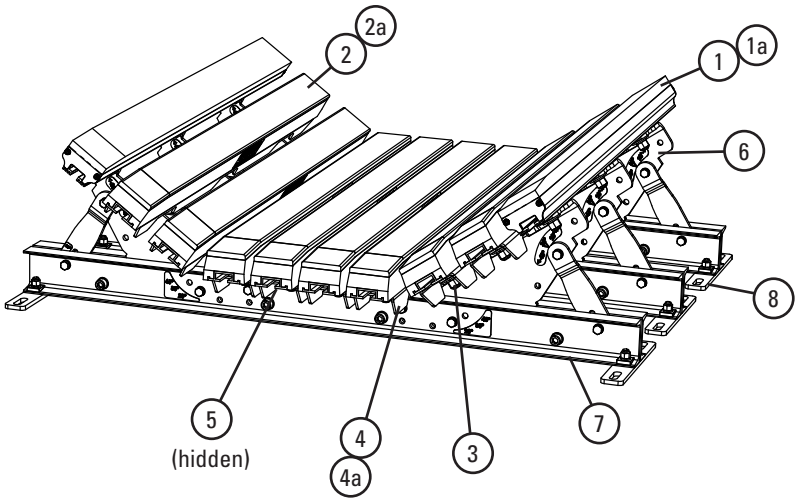




Bed Length 4' (1.2 m)				Bed Length 5' (1.5 m)				Bed Width		Dim C		Dim D	
Dim A		Dim B		Dim A		Dim B							
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
16	406.4	48.14	1222.8	22	558.8	58.38	1482.9	24	600	33	838	9	229
								30	750	39	991	9	229
								36	900	45	1143	9	229
								42	1050	51	1295	9	229
								48	1200	57	1448	9	229
								54	1350	63	1600	9.25	235
								60	1500	69	1753	9.25	235
								72	1800	81	2057	9.5	241

Replacement Parts List

EZIB-M
Flexco Impact Beds
All Bars – Medium Duty



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Slider Bar, 4' (1.2m)	SB4	78789	20.0
1a	Slider Bar, 5' (1.5m)	SB5	78790	24.1
2	Impact Bar, 4' (1.2m)	IB4	76926	17.0
2a	Impact Bar, 5' (1.5m)	IB5	76927	21.0
3	Bar Bolt Kit (incl. 1 ea. 5/8" (15mm) carriage bolt, square washer, flat washer, lock washer, Nylock nut)	IBBK	76928	0.5
4	Impact Bar Support - M 4' (1.2m)*	IBS-M4	76931	16.9
4a	Impact Bar Support - M 5' (1.5m)*	IBS-M5	76932	21.2
5	24" (600mm) Center Bar Mount Kit	EZBMK-24	78944	5.2
	30" (750mm) Center Bar Mount Kit	EZBMK-30	78945	5.7
	36" (900mm) Center Bar Mount Kit	EZBMK-36	78946	7.5
	42" (1050mm) Center Bar Mount Kit	EZBMK-42	78947	8.0
	48" (1200mm) Center Bar Mount Kit	EZBMK-48	78948	9.8
	54" (1350mm) Center Bar Mount Kit	EZBMK-54	78949	10.5
	60" (1500mm) Center Bar Mount Kit	EZBMK-60	78950	12.3
	72" (1800mm) Center Bar Mount Kit	EZBMK-72	78951	14.6
6	24" (600mm) Wing Plate Kit*	EZWPK-24	78970	16.9
	30" (750mm) Wing Plate Kit*	EZWPK-30	78971	17.4
	36" (900mm) Wing Plate Kit*	EZWPK-36	78972	21.2
	42" (1050mm) Wing Plate Kit*	EZWPK-42	78973	26.2
	48" (1200mm) Wing Plate Kit*	EZWPK-48	78974	30.1
	54" (1350mm) Wing Plate Kit*	EZWPK-54	78975	35.6
	60" (1500mm) Wing Plate Kit*	EZWPK-60	78976	39.0
	72" (1800mm) Wing Plate Kit*	EZWPK-72	78977	46.7
7	24" (600mm) Cross Stringer Kit*	EZCSK-24	78978	49.2
	30" (750mm) Cross Stringer Kit*	EZCSK-30	78979	56.5
	36" (900mm) Cross Stringer Kit*	EZCSK-36	78980	63.8
	42" (1050mm) Cross Stringer Kit*	EZCSK-42	78981	70.8
	48" (1200mm) Cross Stringer Kit*	EZCSK-48	78982	78.5
	54" (1350mm) Cross Stringer Kit*	EZCSK-54	78983	85.8
	60" (1500mm) Cross Stringer Kit*	EZCSK-60	78984	93.1
	72" (1800mm) Cross Stringer Kit*	EZCSK-72	78985	99.1
8	Shim Kit Medium Duty (incl. 4 shims)	SHIM-KITM	77549	20.4

*Hardware Included
Lead time: 1 working day

Shim Requirements

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

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

Replacement Quantities for EZIB-M

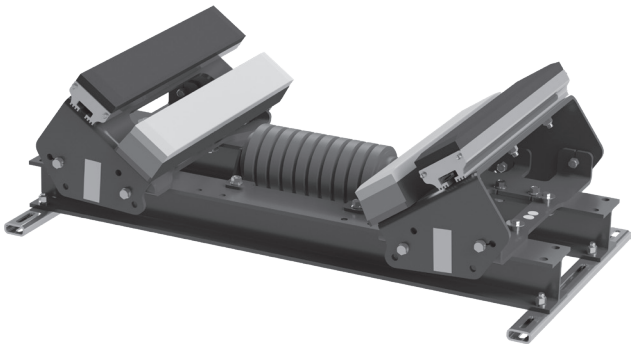
in.		24	30	36	42	48	54	60	72
mm		600	750	900	1050	1200	1350	1500	1800
BARS REQUIRED	SLIDER	2	2	2	2	2	2	2	2
	IMPACT	4	4	5	7	8	10	11	12
BAR BOLT KITS REQUIRED		26	26	31	41	46	56	61	66
BAR SUPPORTS REQUIRED		4	4	5	7	8	10	11	12

Product Ordering Information

2' (600 mm) Sections

BELT WIDTH		TONNAGE RATING	ORDERING NUMBER	ITEM CODE	WT. LBS
in.	mm	(ton/hr)			
24	600	3,500	MSB24-2I	79979	246.8
30	750	3,500	MSB30-2I	79980	263.5
36	900	4,100	MSB36-2I	79981	297.9
42	1050	4,500	MSB42-2I	79982	373.2
48	1200	4,500	MSB48-2I	79983	393.4
54	1350	4,500	MSB54-2I	79984	493.2
60	1500	4,500	MSB60-2I	79985	513.9
72	1800	4,500	MSB72-2I	79986	557.9

For impact zones with less than 200 lb-ft energy.
Lead time: 1 working day

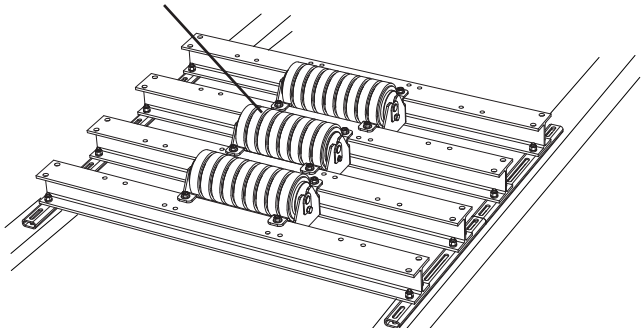


Add-on Impact Roller Kit

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS
in.	mm			
24	600	MSB24RMK	79991	17.0
30	750	MSB30RMK	79992	18.5
36	900	MSB36RMK	79993	20.2
42	1050	MSB42RMK	79994	21.8
48	1200	MSB48RMK	79995	24.0
54	1350	MSB54RMK	79996	24.9
60	1500	MSB60RMK	79997	26.0
72	1800	MSB72RMK	79998	29.5

For placement between 2 beds to reduce the space between impact rollers.
Lead time: 1 working day

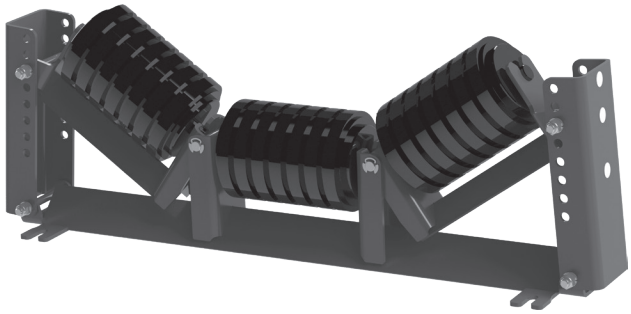
Add-on Impact Roller installed between 2 Modular Slider Beds



Adjustable Idler Set with Impact Rolls

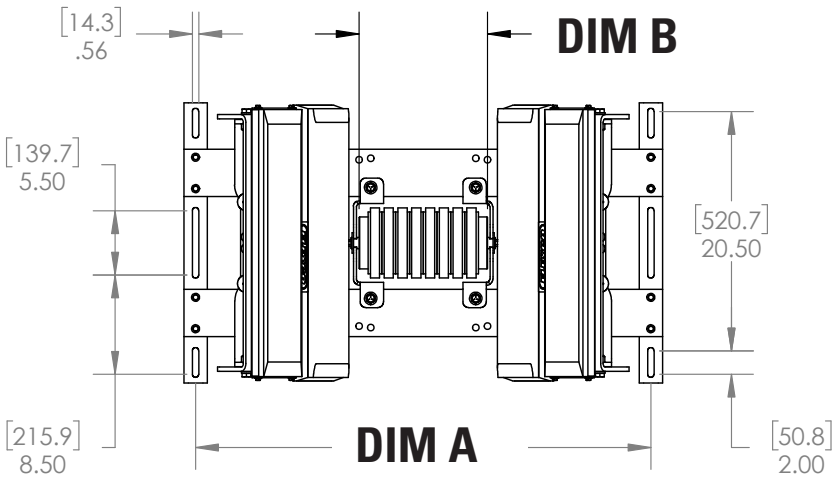
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS
in.	mm			
24	600	EZAI-24I	79091	89.9
30	750	EZAI-30I	79092	100.0
36	900	EZAI-36I	79093	110.7
42	1050	EZAI-42I	79094	120.0
48	1200	EZAI-48I	79095	133.3
54	1350	EZAI-54I	79096	142.5
60	1500	EZAI-60I	79097	151.3
72	1800	EZAI-72I	79098	173.6

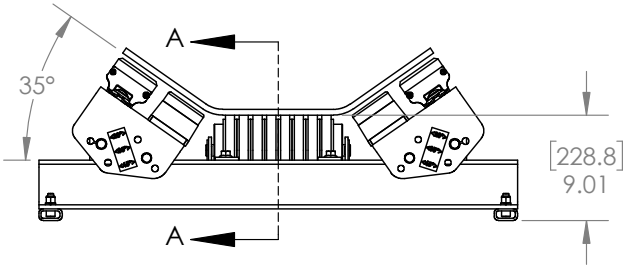
For placement in between 3 or more beds or in transitions;
Adjusts from 10–45° in 5° increments.
SHIM-KIT-EZAI 91857 $100 - includes two 1/4" (6 mm) and two 1/2" (12.5 mm) shims.
Lead time: 1 working day

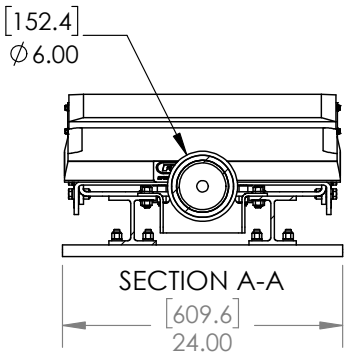


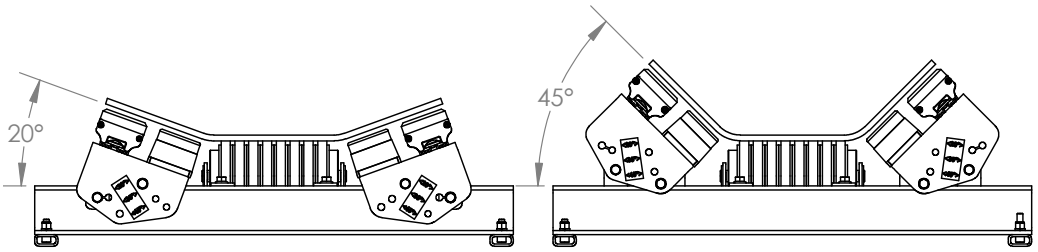
Product Notes:

- Modular design accomodates any length of load zone.
- CEMA D construction
- No need to specify troughing angle – designed to adjust to 20°, 35°, 45°.
- All bars feature 1" (25 mm) 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 24" (600 mm) to every 12" (300 mm).



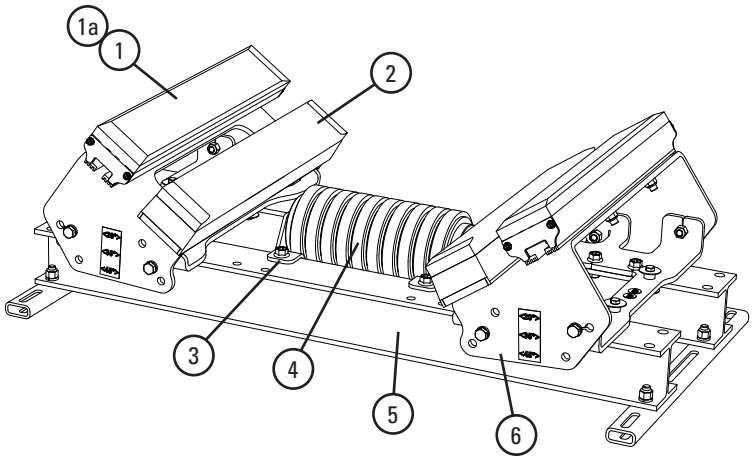






Bed Width		Dim A		Dim B	
in.	mm	in.	mm	in.	mm
24	600	33	838	9	229
30	750	39	991	11	279
36	900	45	1143	13	330
42	1050	51	1295	15	381
48	1200	57	1448	17	432
54	1350	63	1600	19	483
60	1500	69	1753	21	533
72	1800	81	2057	25	635

Replacement Parts List



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Slider Bar, 2' (600mm)	SB2	79970	10.0
1a	Slider Bar with hardware, 2' (600mm)	SB2F	79988	10.9
2	Impact Bar, 2' (600mm)	MIB2-1U	79379	19.7
2a	Impact Bar with hardware, 2' (600mm)	MIB2-1UF	79908	20.0
3	Roller Mount Kit*	MSBRMK	79987	7.9
4	24" (600mm) Impact Roll	RRTID6-24	79883	20.0
	30" (750mm) Impact Roll	RRTID6-30	79884	24.0
	36" (900mm) Impact Roll	RRTID6-36	79885	27.8
	42" (1050mm) Impact Roll	RRTID6-42	79886	32.0
	48" (1200mm) Impact Roll	RRTID6-48	79887	35.8
	54" (1350mm) Impact Roll	RRTID6-54	79888	39.6
	60" (1500mm) Impact Roll	RRTID6-60	79889	43.4
	72" (1800mm) Impact Roll	RRTID6-72	79890	51.2
5	24" (600mm) Cross Stringer Kit*	MIB24CSK	90237	86.7
	30" (750mm) Cross Stringer Kit*	MIB30CSK	90238	99.6
	36" (900mm) Cross Stringer Kit*	MIB36CSK	90239	112.5
	42" (1050mm) Cross Stringer Kit*	MIB42CSK	90240	125.4
	48" (1200mm) Cross Stringer Kit*	MIB48CSK	90241	138.4
	54" (1350mm) Cross Stringer Kit*	MIB54CSK	90242	153.7
	60" (1500mm) Cross Stringer Kit*	MIB60CSK	90243	166.6
	72" (1800mm) Cross Stringer Kit*	MIB72CSK	90244	194.7
6	24" (600mm) Wing Plate Kit*	MIB24WPK	90245	38.9
	30" (750mm) Wing Plate Kit*	MIB30WPK	90246	39.8
	36" (900mm) Wing Plate Kit*	MIB36WPK	90247	49.6
	42" (1050mm) Wing Plate Kit*	MIB42WPK	90248	59.7
	48" (1200mm) Wing Plate Kit*	MIB48WPK	90249	62.4
	54" (1350mm) Wing Plate Kit*	MIB54WPK	90250	83.8
	60" (1500mm) Wing Plate Kit*	MIB60WPK	90251	86.7
	72" (1800mm) Wing Plate Kit*	MIB72WPK	90252	92.8
7	Shim Kit (incl. 4 shims)	SHIM-KITMOD	79989	11.8

*Hardware Included
Lead time: 1 working day

Shim Requirements

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

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

Replacement Quantities for MSB

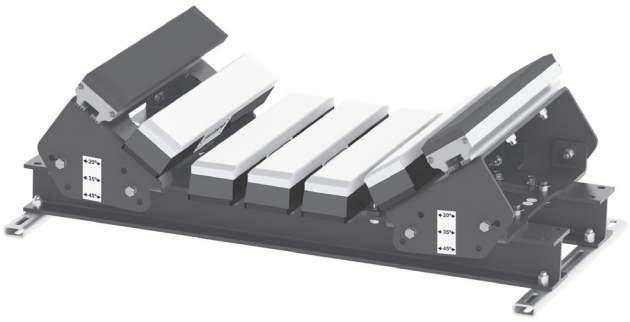
in.		24	30	36	42	48	54	60	72
mm		600	750	900	1050	1200	1350	1500	1800
BARS REQUIRED	SLIDER	2	2	2	2	2	2	2	2
	IMPACT	2	2	2	4	4	6	6	6

Product Ordering Information

2' (600mm) Sections

BELT WIDTH		TONNAGE RATING	ORDERING NUMBER	ITEM CODE	WT. LBS
in.	mm	(ton/hr)			
24	600	12,800	MIB24-2H	79971	288.0
30	750	12,800	MIB30-2H	79972	303.9
36	900	14,900	MIB36-2H	79973	365.1
42	1050	19,200	MIB42-2H	79974	439.0
48	1200	21,300	MIB48-2H	79975	484.4
54	1350	25,600	MIB54-2H	79976	583.8
60	1500	27,700	MIB60-2H	79977	629.5
72	1800	29,900	MIB72-2H	79978	698.3

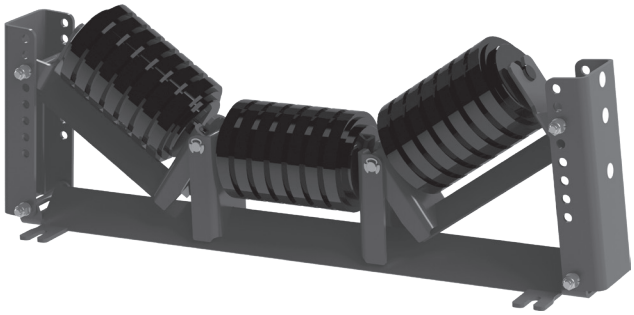
For impact zones with less than 1500 lb-ft energy.
Lead time: 1 working day



Adjustable Idler Set with Impact Rolls

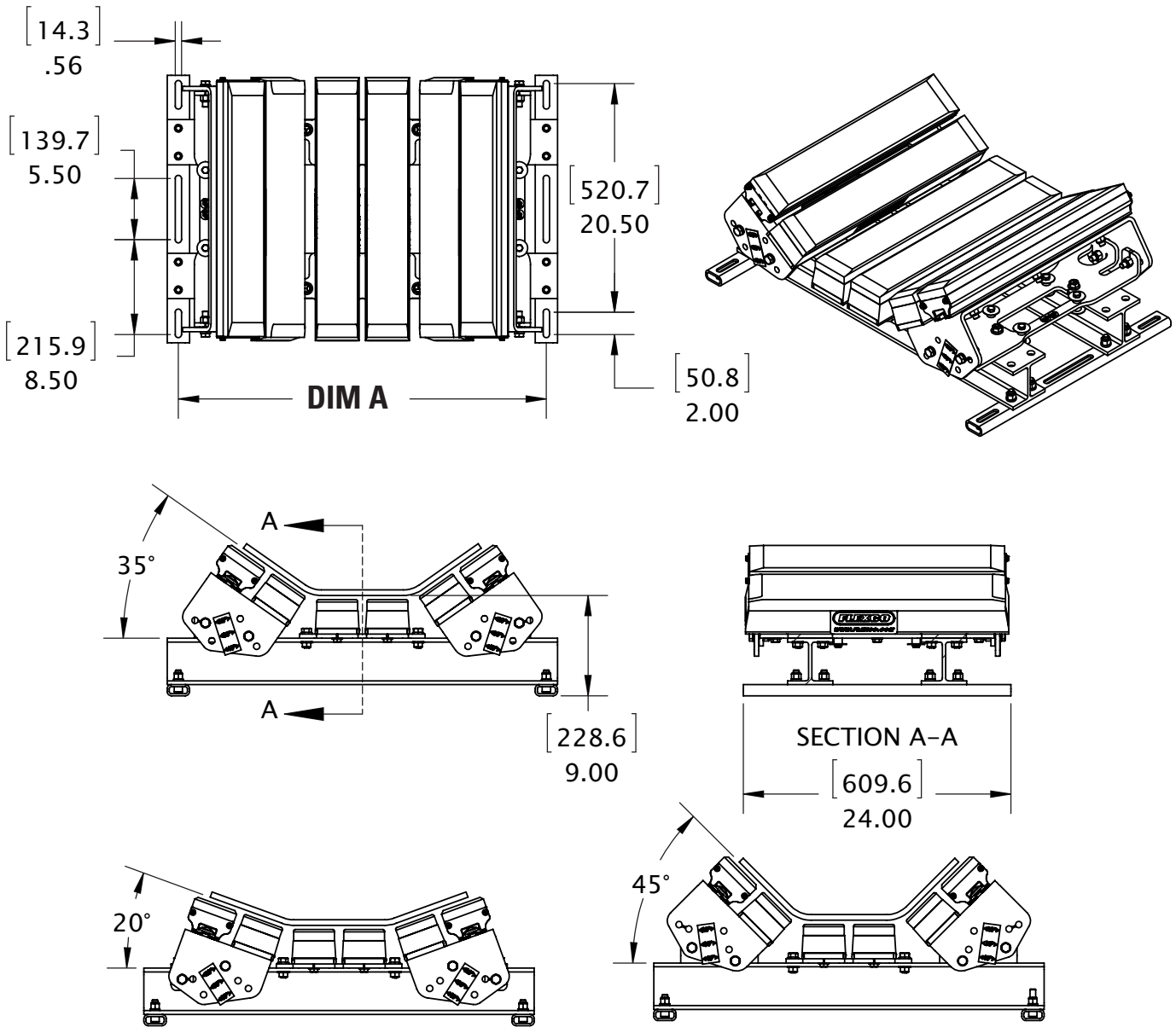
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS
in.	mm			
24	600	EZAI-24I	79091	89.9
30	750	EZAI-30I	79092	100.0
36	900	EZAI-36I	79093	110.7
42	1050	EZAI-42I	79094	120.0
48	1200	EZAI-48I	79095	133.3
54	1350	EZAI-54I	79096	142.5
60	1500	EZAI-60I	79097	151.3
72	1800	EZAI-72I	79098	173.6

For placement in between 3 or more beds or in transitions;
Adjusts from 10–45° in 5° increments.
SHIM-KIT-EZAI 91857 $100 - includes two 1/4" (6 mm) and two 1/2" (12.5 mm) shims.
Lead time: 1 working day



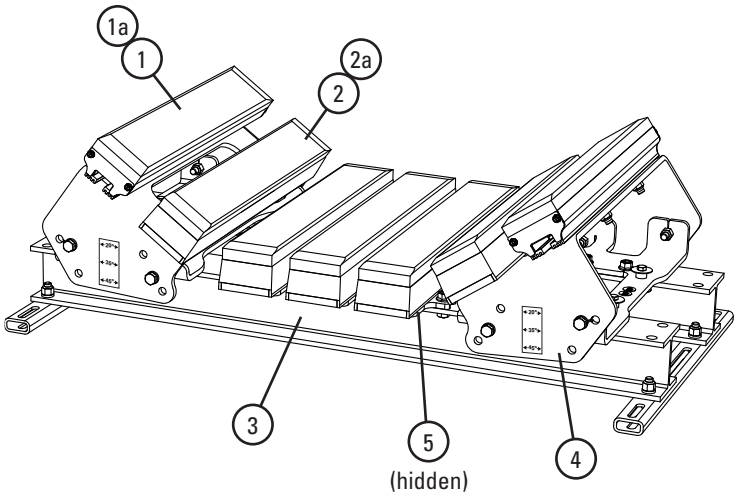
Product Notes:

- Modular design accomodates any length of load zone.
- CEMA D construction
- No need to specify troughing angle–designed to adjust to 20°, 35°, 45°.
- All bars feature 1" (25 mm) solid UHMW.
- With removal of a few bolts, the wings and center sections slide out for service.



Bed Width		Dim A	
in.	mm	in.	mm
24	600	33	838
30	750	39	991
36	900	45	1143
42	1050	51	1295
48	1200	57	1448
54	1350	63	1600
60	1500	69	1753
72	1800	81	2057

Replacement Parts List



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Slider Bar, 2' (600mm)	SB2	79970	10.0
1a	Slider Bar with hardware, 2' (600mm)	SB2F	79988	10.9
2	Impact Bar, 2' (600mm)	MIB2-1U	79379	19.7
2a	Impact Bar with hardware, 2' (600mm)	MIB2-1UF	79908	20.0
3	24" (600mm) Cross Stringer Kit*	MIB24CSK	90237	86.7
	30" (750mm) Cross Stringer Kit*	MIB30CSK	90238	99.6
	36" (900mm) Cross Stringer Kit*	MIB36CSK	90239	112.5
	42" (1050mm) Cross Stringer Kit*	MIB42CSK	90240	125.4
	48" (1200mm) Cross Stringer Kit*	MIB48CSK	90241	138.4
	54" (1350mm) Cross Stringer Kit*	MIB54CSK	90242	153.7
	60" (1500mm) Cross Stringer Kit*	MIB60CSK	90243	166.6
	72" (1800mm) Cross Stringer Kit*	MIB72CSK	90244	194.7
4	24" (600mm) Wing Plate Kit*	MIB24WPK	90245	38.9
	30" (750mm) Wing Plate Kit*	MIB30WPK	90246	39.8
	36" (900mm) Wing Plate Kit*	MIB36WPK	90247	49.6
	42" (1050mm) Wing Plate Kit*	MIB42WPK	90248	59.7
	48" (1200mm) Wing Plate Kit*	MIB48WPK	90249	62.4
	54" (1350mm) Wing Plate Kit*	MIB54WPK	90250	83.8
	60" (1500mm) Wing Plate Kit*	MIB60WPK	90251	86.7
	72" (1800mm) Wing Plate Kit*	MIB72WPK	90252	92.8
5	24" (600mm) Center Plate Kit*	MIB24CPK	90253	19.3
	30" (750mm) Center Plate Kit*	MIB30CPK	90254	20.4
	36" (900mm) Center Plate Kit*	MIB36CPK	90255	29.2
	42" (1050mm) Center Plate Kit*	MIB42CPK	90256	29.9
	48" (1200mm) Center Plate Kit*	MIB48CPK	90257	37.0
	54" (1350mm) Center Plate Kit*	MIB54CPK	90258	38.5
	60" (1500mm) Center Plate Kit*	MIB60CPK	90259	45.4
	72" (1800mm) Center Plate Kit*	MIB72CPK	90260	54.2
-	Shim Kit (incl. 4 shims)	SHIM-KITMOD	79989	11.8

*Hardware Included
Lead time: 1 working day

Shim Requirements

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

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

Replacement Quantities for MIB

in.		24	30	36	42	48	54	60	72
mm		600	750	900	1050	1200	1350	1500	1800
BARS REQUIRED	SLIDER	2	2	2	2	2	2	2	2
	IMPACT	4	4	5	7	8	10	11	12

Specifications & Guidelines

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 DRX™ 200, 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 DRX™ 3000 and 4500 Dynamic have Impact Energy Absorbers to disperse an immense amount of impact, even in extremely severe applications.

User-Friendly Slide-Out Service™

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

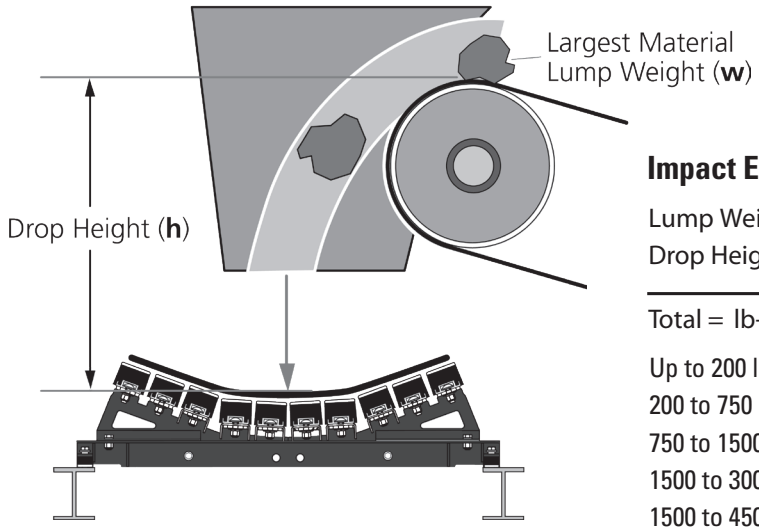
Unique Impact Bar Supports protect the impact bars from damage, extending service life. An Anti-Migratory Tab on each support secures the bar and prevents it from sliding in the direction of the belt.

Other Features and Benefits

- Uses exclusive anti-spin square washers. Allows use of carriage bolts to secure impact bars instead of expensive T bolts.

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

Impact Energy Calculation Chart



Roller Size and CEMA Rating

5" (125 mm) ☐ 6" (150 mm) ☐

CEMA C ☐ D ☐ E ☐

Belt Width _____

Troughing Angle: 20° ☐ 35° ☐

Bed Length: 4' (1.2 m) ☐ 5' (1.5 m) ☐

Impact Energy

Lump Weight (w) _____

Drop Height (h) x _____

Total = lb-ft _____ See Below

Up to 200 lb-ft (25 kg-m)—DRX200
200 to 750 lb-ft (25 to 100 kg-m)—DRX750
750 to 1500 lb-ft (100 to 200 kg-m)—DRX1500
1500 to 3000 lb-ft (200 to 400 kg-m)—DRX3000
1500 to 4500 lb-ft (200 to 600 kg-m)—DRX4500

DRX™ Impact Beds

Product Ordering Information

4' (1.2 m) Bed CEMA D construction

BELT WIDTH		TONNAGE RATING (ton/hr)	20° TROUGH		35° TROUGH		WT. LBS
in.	mm		ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE	
24	600	3,500	DRXL-24-420	76816	DRXL-24-435	76832	260.0
30	750	3,500	DRXL-30-420	76817	DRXL-30-435	76833	282.0
36	900	4,100	DRXL-36-420	76818	DRXL-36-435	76834	323.0
42	1050	5,200	DRXL-42-420	76819	DRXL-42-435	76835	412.0
48	1200	5,800	DRXL-48-420	76820	DRXL-48-435	76836	433.0
54	1350	7,000	DRXL-54-420	76821	DRXL-54-435	76837	498.0
60	1500	7,600	DRXL-60-420	76822	DRXL-60-435	76838	543.0
72	1800	8,100	DRXL-72-420	76823	DRXL-72-435	76839	615.0

Lead time: 3 weeks

5' (1.5 m) Bed CEMA D construction

BELT WIDTH		TONNAGE RATING (ton/hr)	20° TROUGH		35° TROUGH		WT. LBS
in.	mm		ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE	
24	600	3,500	DRXL-24-520	76824	DRXL-24-535	76840	290.0
30	750	3,500	DRXL-30-520	76825	DRXL-30-535	76841	311.0
36	900	4,100	DRXL-36-520	76826	DRXL-36-535	76842	357.0
42	1050	5,200	DRXL-42-520	76827	DRXL-42-535	76843	459.0
48	1200	5,800	DRXL-48-520	76828	DRXL-48-535	76844	480.0
54	1350	7,000	DRXL-54-520	76829	DRXL-54-535	76845	554.0
60	1500	7,600	DRXL-60-520	76830	DRXL-60-535	76846	602.0
72	1800	8,100	DRXL-72-520	76831	DRXL-72-535	76847	679.0

Lead time: 3 weeks

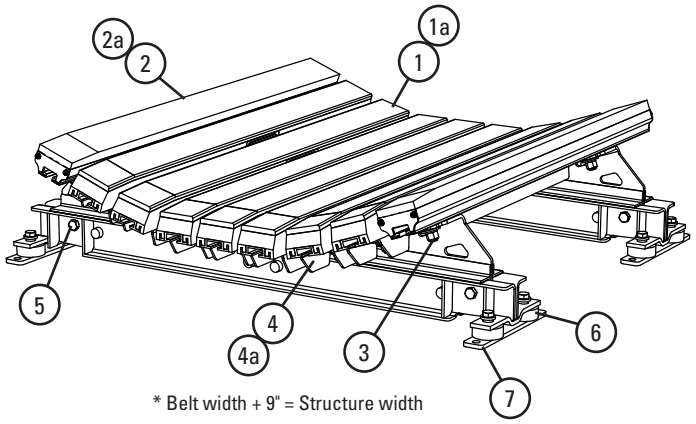
Product Notes:

- Rated for impacts up to 200 lb-ft (25 kg-m)
- Rated for belt speeds up to 1000 FPM (5 m/s)
- 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. LBS.
1	Impact Bar, 4' (1.2m)	IB4	76926	17.0
1a	Impact Bar, 5' (1.5m)	IB5	76927	21.0
2	Slider Bar, 4' (1.2m)	SB4	78789	20.0
2a	Slider Bar, 5' (1.5m)	SB5	78790	24.1
3	Impact Bar Bolt Kit (incl. (1) ea. 5/8" (15mm) carriage bolt, square washer, flat washer, lock washer, Nylock nut)	IBBK	76928	0.5
4	Impact Bar Support - L 4' (1.2m) (incl. (1) ea. bar support, carriage bolt, square washer, lock washer, Nylock nut)	IBS-L4	76929	16.8
4a	Impact Bar Support - L 5' (1.5m) (incl. (1) ea. bar support, carriage bolt, square washer, lock washer, Nylock nut)	IBS-L5	76930	21.0
5	Sliding Support Arm Bolt Kit (incl. (2) ea. 2" bolts, lock washers, Nylock nuts)	ISABK-LMH	77529	2.0
6	Isolation Mount Kit	IMK	76936	3.8
7	DRX200 Shim Kit (incl. 4 shims)	SHIM-KITL	77548	13.6

Lead time: 1 working day



* Belt width + 9" = Structure width

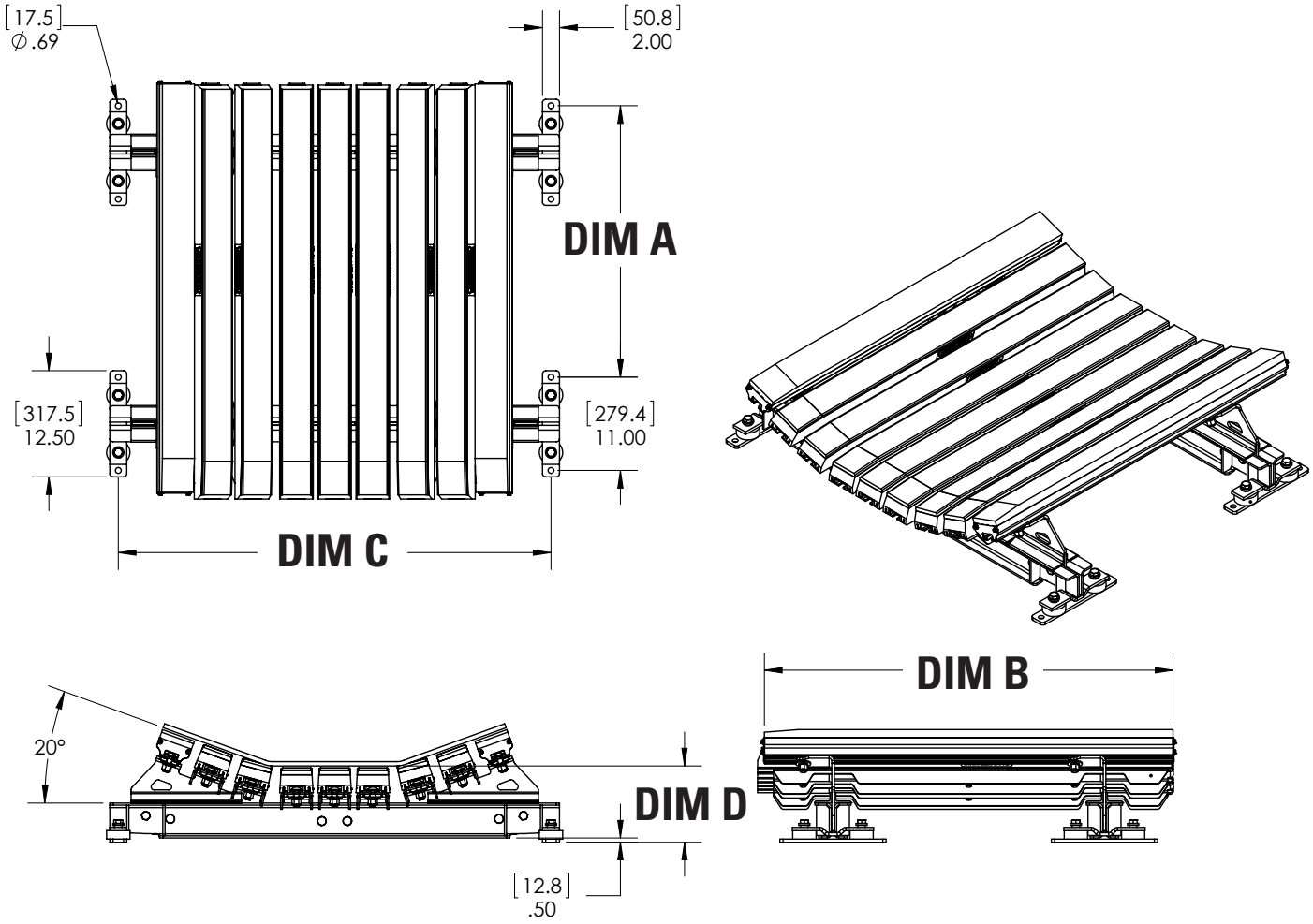
Shim Requirements

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

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

Replacement Quantities per Belt Width for DRX200

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



Bed Length 4' (1.2 m)				Bed Length 5' (1.5 m)				Bed Width		Dim C		Dim D	
Dim A		Dim B		Dim A		Dim B							
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
32	812.8	48.14	1222.8	44	1117.6	58.38	1482.9	24	600	33	838	9	229
								30	750	39	991	9	229
								36	900	45	1143	9	229
								42	1050	51	1295	9	229
								48	1200	57	1448	9	229
								54	1350	63	1600	9.25	235
								60	1500	69	1753	9.25	235
								72	1800	81	2057	9.5	241

Product Ordering Information

4' (1.2 m) Bed CEMA D construction

BELT WIDTH		TONNAGE RATING (ton/hr)	20° TROUGH		35° TROUGH		WT. LBS
in.	mm		ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE	
24	600	8,100	DRXM-24-420	76848	DRXM-24-435	76864	365.0
30	750	8,100	DRXM-30-420	76849	DRXM-30-435	76865	397.0
36	900	9,500	DRXM-36-420	76850	DRXM-36-435	76866	467.0
42	1050	12,200	DRXM-42-420	76851	DRXM-42-435	76867	592.0
48	1200	13,600	DRXM-48-420	76852	DRXM-48-435	76868	623.0
54	1350	16,300	DRXM-54-420	76853	DRXM-54-435	76869	704.0
60	1500	17,600	DRXM-60-420	76854	DRXM-60-435	76870	779.0
72	1800	19,000	DRXM-72-420	76855	DRXM-72-435	76871	896.0

Lead time: 3 weeks

5' (1.5 m) Bed CEMA D construction

BELT WIDTH		TONNAGE RATING (ton/hr)	20° TROUGH		35° TROUGH		WT. LBS
in.	mm		ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE	
24	600	8,100	DRXM-24-520	76856	DRXM-24-535	76872	403.0
30	750	8,100	DRXM-30-520	76857	DRXM-30-535	76873	435.0
36	900	9,500	DRXM-36-520	76858	DRXM-36-535	76874	514.0
42	1050	12,200	DRXM-42-520	76859	DRXM-42-535	76875	656.0
48	1200	13,600	DRXM-48-520	76860	DRXM-48-535	76876	687.0
54	1350	16,300	DRXM-54-520	76861	DRXM-54-535	76877	777.0
60	1500	17,600	DRXM-60-520	76862	DRXM-60-535	76878	861.0
72	1800	19,000	DRXM-72-520	76863	DRXM-72-535	76879	985.0

Lead time: 3 weeks

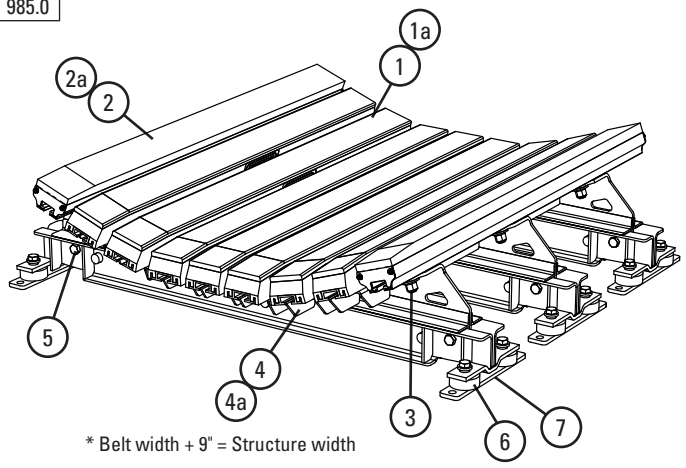
Product Notes:

- Rated for impacts up to 750 lb-ft (100 kg-m)
- Rated for belt speeds up to 1000 FPM (5 m/s)
- 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. LBS.
1	Impact Bar, 4' (1.2m)	IB4	76926	17.0
1a	Impact Bar, 5' (1.5m)	IB5	76927	21.0
2	Slider Bar, 4' (1.2m)	SB4	78789	20.0
2a	Slider Bar, 5' (1.5m)	SB5	78790	24.1
3	Impact Bar Bolt Kit (incl. (1) ea. 5/8" (15mm) carriage bolt, square washer, flat washer, lock washer, Nylock nut)	IBBK	76928	0.5
4	Impact Bar Support - M 4' (1.2m) (incl. (1) bar support, (2) ea. carriage bolt, square washer, lock washer, Nylock nut)	IBS-M4	76931	16.9
4a	Impact Bar Support - M 5' (1.5m) (incl. (1) bar support, (2) ea. carriage bolt, square washer, lock washer, Nylock nut)	IBS-M5	76932	21.2
5	Sliding Support Arm Bolt Kit (incl. (2) ea. 2" bolt, lock washer, Nylock nut)	ISABK-LMH	77529	2.0
6	Isolation Mount Kit	IMK	76936	3.8
7	DRX750 Shim Kit (incl. 6 shims)	SHIM-KITM	77549	20.4

Lead time: 1 working day



* Belt width + 9" = Structure width

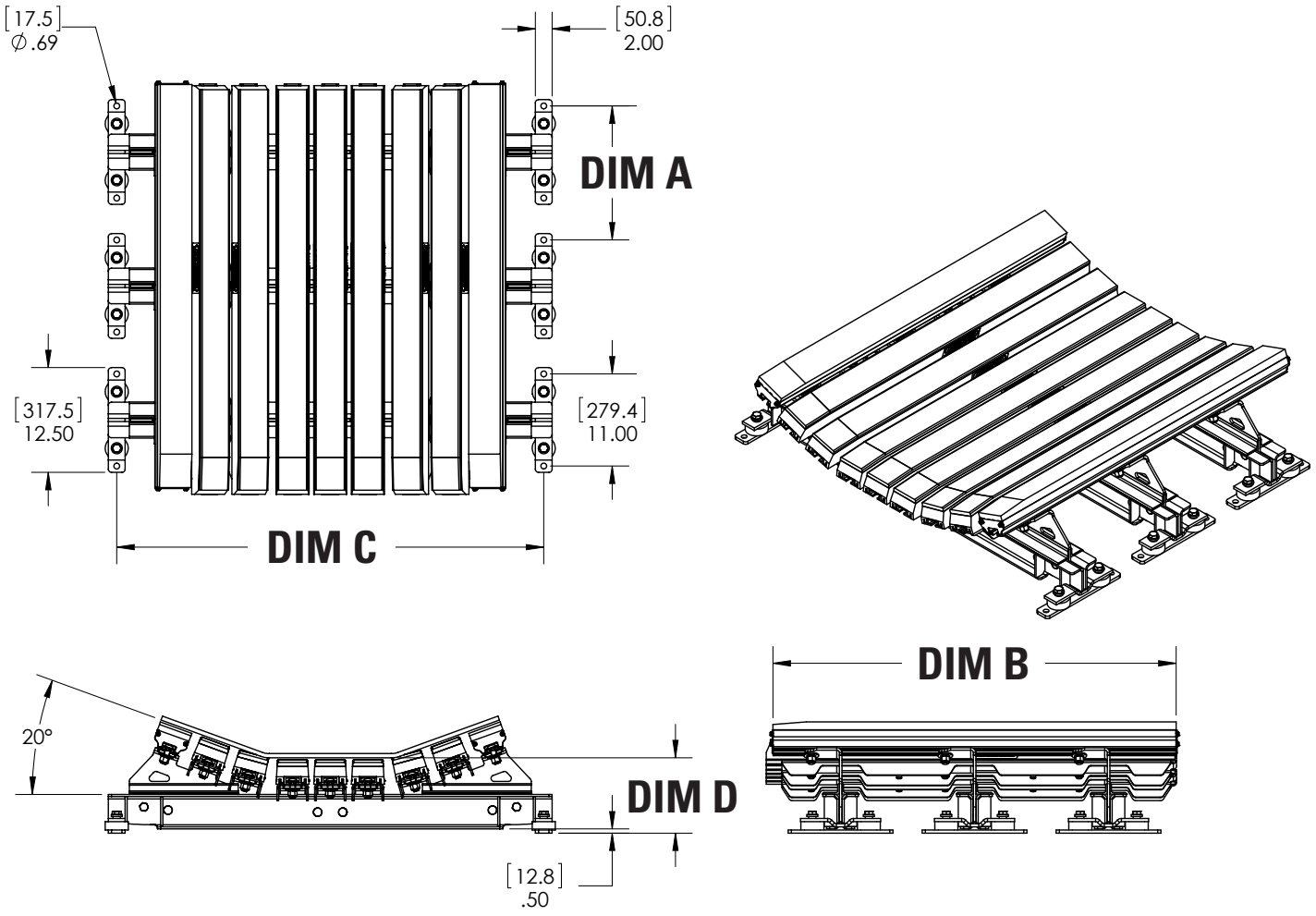
Shim Requirements

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

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

Replacement Quantities per Belt Width for DRX750

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



Bed Length 4' (1.2 m)				Bed Length 5' (1.5 m)				Bed Width		Dim C		Dim D	
Dim A		Dim B		Dim A		Dim B							
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
16	406.4	48.14	1222.8	22	558.8	58.38	1482.9	24	600	33	838	9	229
								30	750	39	991	9	229
								36	900	45	1143	9	229
								42	1050	51	1295	9	229
								48	1200	57	1448	9	229
								54	1350	63	1600	9.25	235
								60	1500	69	1753	9.25	235
								72	1800	81	2057	9.5	241

Product Ordering Information

4' (1.2 m) Bed CEMA D construction

BELT WIDTH		TONNAGE RATING (ton/hr)	20° TROUGH		35° TROUGH		WT. LBS
in.	mm		ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE	
24	600	12,800	DRXH-24-420	76880	DRXH-24-435	76896	503.0
30	750	12,800	DRXH-30-420	76881	DRXH-30-435	76897	545.0
36	900	14,900	DRXH-36-420	76882	DRXH-36-435	76898	628.0
42	1050	19,200	DRXH-42-420	76883	DRXH-42-435	76899	806.0
48	1200	21,300	DRXH-48-420	76884	DRXH-48-435	76900	847.0
54	1350	25,600	DRXH-54-420	76885	DRXH-54-435	76901	977.0
60	1500	27,700	DRXH-60-420	76886	DRXH-60-435	76902	1,066.0
72	1800	29,900	DRXH-72-420	76887	DRXH-72-435	76903	1,210.0

Lead time: 3 weeks

5' (1.5 m) Bed CEMA D construction

BELT WIDTH		TONNAGE RATING (ton/hr)	20° TROUGH		35° TROUGH		WT. LBS
in.	mm		ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE	
24	600	12,800	DRXH-24-520	76888	DRXH-24-535	76904	558.0
30	750	12,800	DRXH-30-520	76889	DRXH-30-535	76905	601.0
36	900	14,900	DRXH-36-520	76890	DRXH-36-535	76906	692.0
42	1050	19,200	DRXH-42-520	76891	DRXH-42-535	76907	896.0
48	1200	21,300	DRXH-48-520	76892	DRXH-48-535	76908	937.0
54	1350	25,600	DRXH-54-520	76893	DRXH-54-535	76909	1,084.0
60	1500	27,700	DRXH-60-520	76894	DRXH-60-535	76910	1,181.0
72	1800	29,900	DRXH-72-520	76895	DRXH-72-535	76911	1,334.0

Lead time: 3 weeks

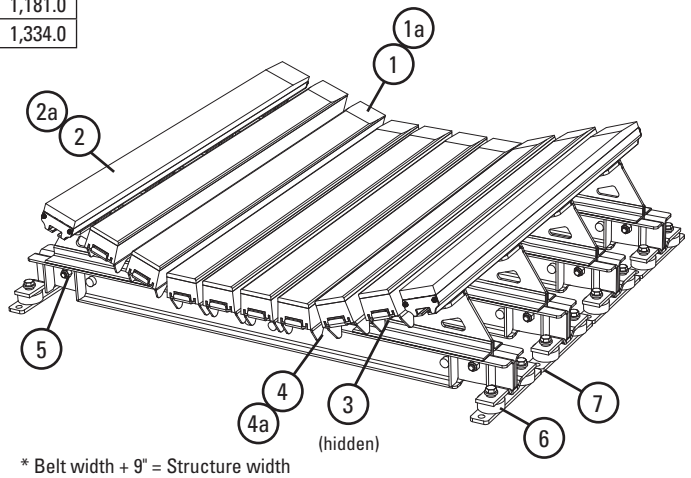
Product Notes:

- Rated for impacts up to 1500 lb-ft (200 kg-m)
- Rated for belt speeds up to 1000 FPM (5 m/s)
- 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. LBS.
1	Impact Bar, 4' (1.2m)	IB4	76926	17.0
1a	Impact Bar, 5' (1.5m)	IB5	76927	21.0
2	Slider Bar, 4' (1.2m)	SB4	78789	20.0
2a	Slider Bar, 5' (1.5m)	SB5	78790	24.1
3	Impact Bar Bolt Kit (incl. (1) ea. 5/8" (15mm) carriage bolt, square washer, flat washer, lock washer, Nylock nut)	IBBK	76928	0.5
4	Impact Bar Support - H 4' (1.2m) (incl. (1) bar support, (2) ea. carriage bolt, square washer, lock washer, Nylock nut)	IBS-H4	76933	16.6
4a	Impact Bar Support - H 5' (1.5m) (incl. (1) bar support, (2) ea. carriage bolt, square washer, lock washer, Nylock nut)	IBS-H5	76934	21.0
5	Sliding Support Arm Bolt Kit (incl. (2) ea. 2" bolt, lock washer, Nylock nut)	ISABK-LMH	77529	2.0
6	Isolation Mount Kit	IMK	76936	3.8
7	DRX1500 Shim Kit (incl. 8 shims)	SHIM-KITH	77550	27.2

Lead time: 1 working day



* Belt width + 9" = Structure width

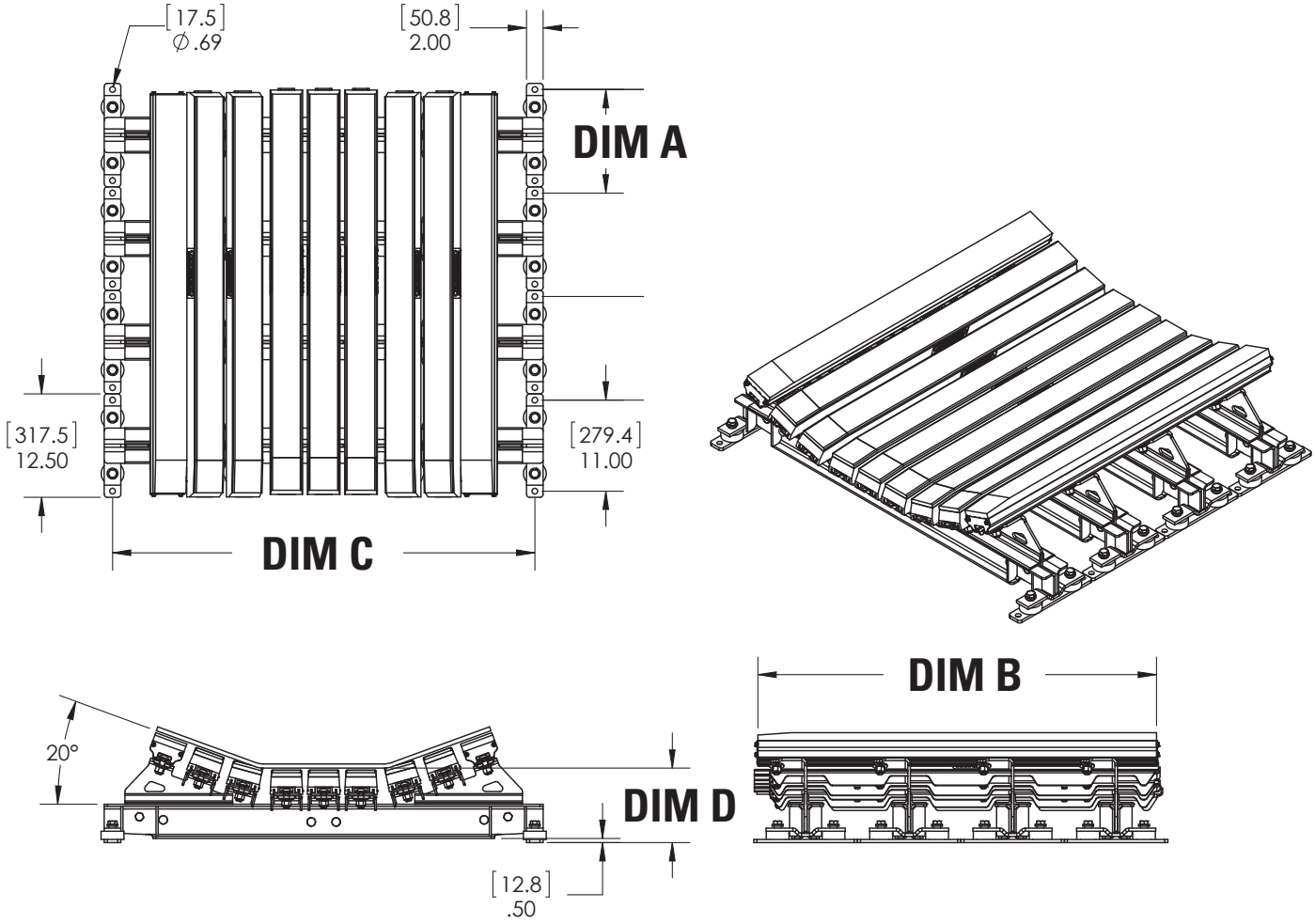
Shim Requirements

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

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

Replacement Quantities per Belt Width for DRX1500

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



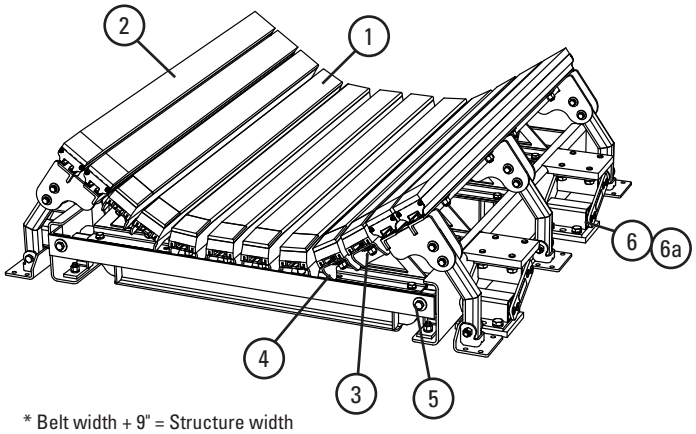
Bed Length 4' (1.2 m)				Bed Length 5' (1.5 m)				Bed Width		Dim C		Dim D	
Dim A		Dim B		Dim A		Dim B							
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
12.5	317.5	48.14	1222.8	16	406.4	58.38	1482.9	24	600	33	838	9	229
								30	750	39	991	9	229
								36	900	45	1143	9	229
								42	1050	51	1295	9	229
								48	1200	57	1448	9	229
								54	1350	63	1600	9.25	235
								60	1500	69	1753	9.25	235
								72	1800	81	2057	9.5	241

Product Ordering Information

5' (1.5 m) Bed CEMA E construction

BELT WIDTH		TONNAGE RATING (ton/hr)	20° TROUGH		35° TROUGH		WT. LBS
in.	mm		ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE	
36	900	22,300	DRXD-36-520	115010	DRXD-36-535	115011	1,286.0
42	1050	28,700	DRXD-42-520	76912	DRXD-42-535	76919	1,351.0
48	1200	31,900	DRXD-48-520	76913	DRXD-48-535	76920	1,407.0
54	1350	38,300	DRXD-54-520	76914	DRXD-54-535	76921	1,568.0
60	1500	41,500	DRXD-60-520	76915	DRXD-60-535	76922	1,676.0
72	1800	44,700	DRXD-72-520	76916	DRXD-72-535	76923	2,098.0
84	2100	51,100	DRXD-84-520	76917	DRXD-84-535	76924	2,261.0
96	2400	63,900	DRXD-96-520	76918	DRXD-96-535	76925	2,609.0

Lead time: 4 weeks



* Belt width + 9" = Structure width

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Impact Bar, 5' (1.5m) (1/2" (12.5 mm) UHMW)	IB5	76927	21.2
2	Slider Bar, 5' (1.5m)	SB5	78790	24.1
3	Impact Bar Bolt Kit (incl. (1) ea. 5/8" (15mm) carriage bolt, square washer, flat washer, lock washer, Nylock nut)	IBBK	76928	0.5
4	Impact Bar Support - D 5' (1.5m) (incl. (1) bar support, (2) ea. carriage bolt, square washer, lock washer, Nylock nut)	IBS-D5	77530	21.0
5	Sliding Support Arm Bolt Kit (incl. (4) 1-1/2" bolt, (2) 2" bolt, (6) ea. lock washer, Nylock nut)	ISABK	76935	2.0
6	Impact Energy Absorber for sizes 36–60" (900–1500mm)	IEA-36-60	76937	42.0
6a	Impact Energy Absorber for sizes 72–96" (1800–2400mm)	IEA-72-96	76938	66.0

Lead time: 1 working day

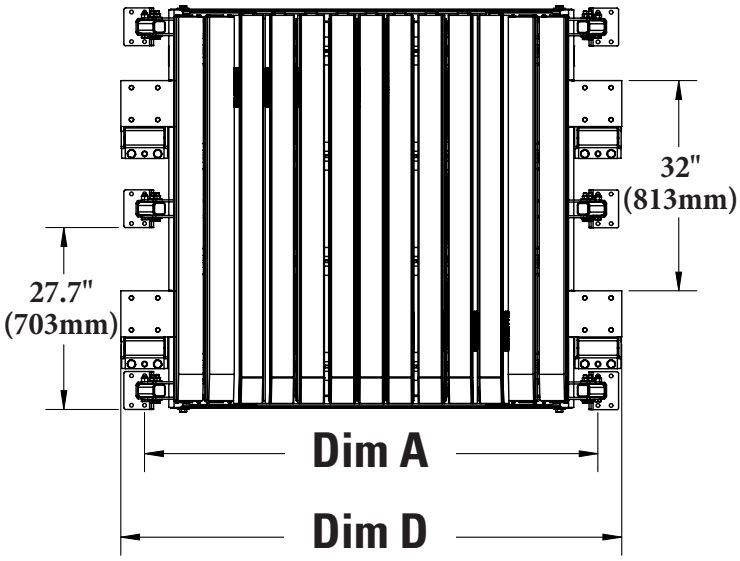
Replacement Quantities per Belt Width for DRX3000

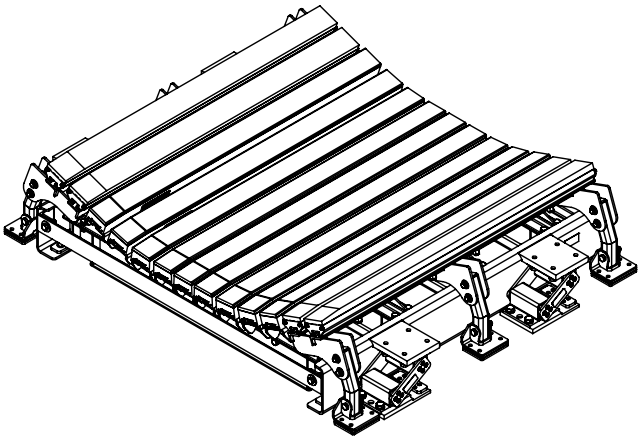
in.	36	42	48	54	60	72	84	96
mm	900	1050	1200	1350	1500	1800	2100	2400
Slider Bars Required	2	2	2	4	4	4	4	4
Impact Bars Required	5	8	8	8	9	12	12	16
Impact Bar Supports Required	5	8	8	8	9	12	12	16
Impact Bar Bolt Kits Required	43	56	56	64	70	88	88	112

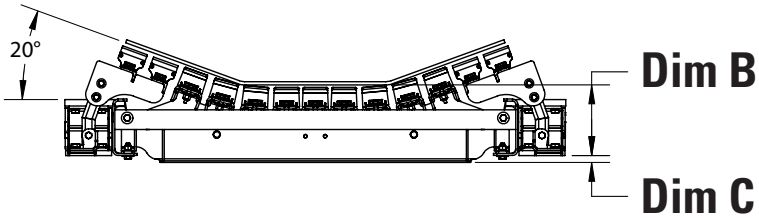
Product Notes:

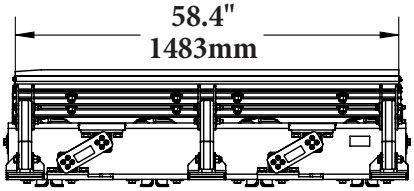
- For extreme impact applications up to 3000 lb-ft (lump size x drop height).
- Rated for belt speeds up to 1000 FPM (5 m/s).
- Impact Energy Absorbers compress up to 3" (75 mm) to absorb extreme impact energy to minimize damaging forces and protect the belt.
- Alternative trough angles or picking idler profiles available by special quote.

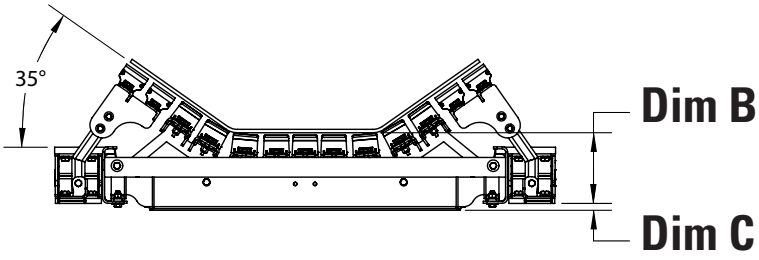
Specifications and Guidelines

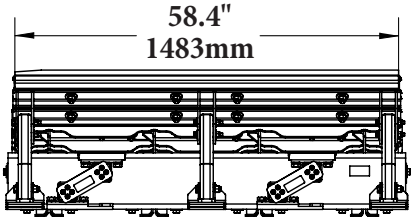












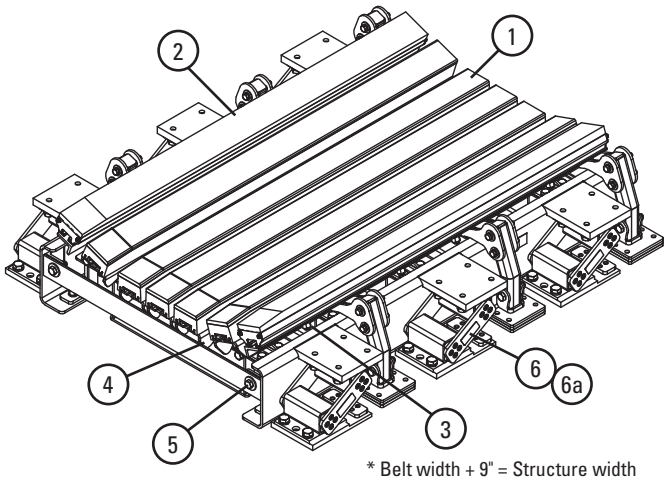
Bed Width		Dim A		Dim B		Dim C		Dim D	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
36	900	45	1143.0	10.75	273	1.05	26.6	52.25	1327.2
42	1050	51	1295.4	10.75	273	1.09	27.7	58.25	1479.6
48	1200	57	1447.8	10.75	273	1.09	27.7	64.25	1632.0
54	1350	63	1600.2	10.75	273	1.09	27.7	70.25	1784.4
60	1500	69	1752.6	10.75	273	1.09	27.7	76.25	1936.8
72	1800	81	2057.4	11.50	292.1	1.15	29.1	90.25	2292.4
84	2100	93	2362.2	11.75	298.5	1.15	29.1	102.25	2597.2
96	2400	105	2667.0	11.75	298.5	1.15	29.1	114.25	2902.0

Product Ordering Information

5' (1.5 m) Bed CEMA E construction

BELT WIDTH		TONNAGE RATING (ton/hr)	20° TROUGH		35° TROUGH		WT. LBS
in.	mm		ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE	
36	900	22,300	DRXDX-36-520	107569	DRXDX-36-535	107570	1,642.2
42	1050	28,700	DRXDX-42-520	107572	DRXDX-42-535	107573	1,923.1
48	1200	31,900	DRXDX-48-520	107575	DRXDX-48-535	107576	1,996.3
54	1350	38,300	DRXDX-54-520	107578	DRXDX-54-535	107579	2,174.0
60	1500	41,500	DRXDX-60-520	107581	DRXDX-60-535	107582	2,317.1
72	1800	44,700	DRXDX-72-520	107584	DRXDX-72-535	107585	2,927.5
84	2100	51,100	DRXDX-84-520	107587	DRXDX-84-535	107588	3,124.4
96	2400	63,900	DRXDX-96-520	107590	DRXDX-96-535	107591	3,576.3

Lead time: 4 weeks



* Belt width + 9" = Structure width

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Impact Bar, 5' (1.5m) (1/2" (12.5 mm) UHMW)	IB5	76927	21.2
2	Slider Bar, 5' (1.5m)	SB5	78790	24.1
3	Impact Bar Bolt Kit (incl. (1) ea. 5/8" (15mm) carriage bolt, square washer, flat washer, lock washer, Nylock nut)	IBBK	76928	0.5
4	Impact Bar Support - DX 5' (1.5m) (incl. (1) bar support, (2) ea. carriage bolt, square washer, lock washer, Nylock nut)	IBS-DX5	111728	21.0
5	Sliding Support Arm Bolt Kit (incl. (4) 1-1/2" bolt, (2) 2" bolt, (6) ea. lock washer, Nylock nut)	ISABK	76935	2.0
6	Impact Energy Absorber for sizes 36–60" (900–1500mm)	IEA-36-60	76937	42.0
6a	Impact Energy Absorber for sizes 72–96" (1800–2400mm)	IEA-72-96	76938	66.0

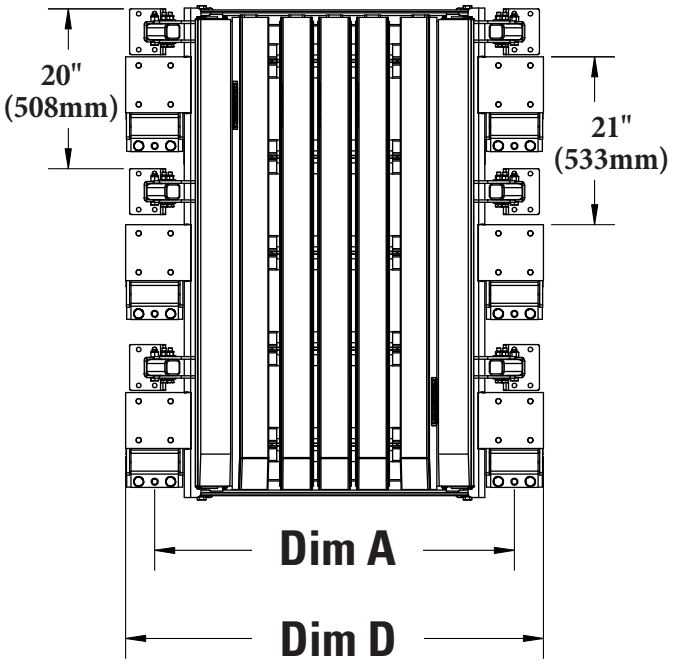
Lead time: 1 working day

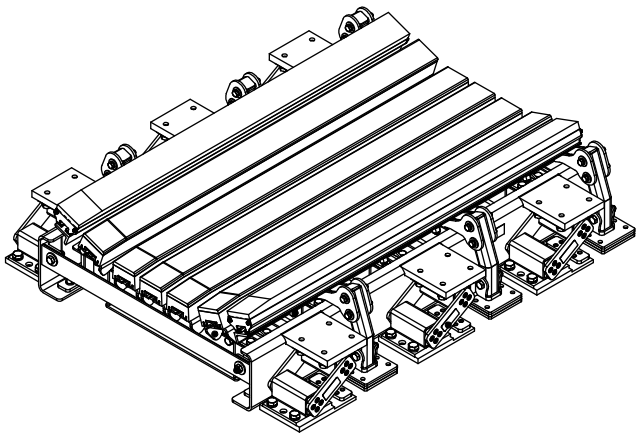
Replacement Quantities per Belt Width for DRX4500

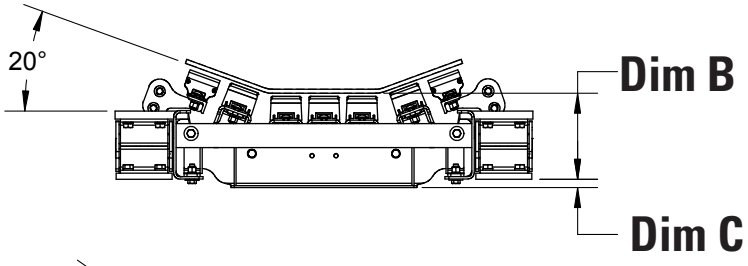
in.	36	42	48	54	60	72	84	96
mm	900	1050	1200	1350	1500	1800	2100	2400
Slider Bars Required	2	2	2	4	4	4	4	4
Impact Bars Required	5	8	8	8	9	12	12	16
Impact Bar Supports Required	5	8	8	8	9	12	12	16
Impact Bar Bolt Kits Required	48	72	80	88	112	112	144	112

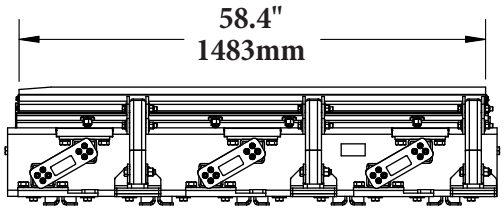
Product Notes:

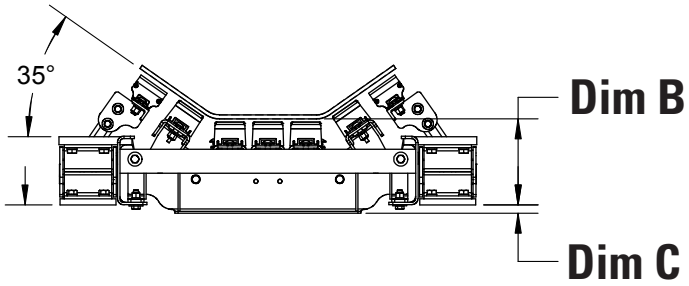
- For extreme impact applications up to 4500 lb-ft (lump size x drop height).
- Rated for belt speeds up to 1000 FPM (5 m/s).
- Impact Energy Absorbers compress up to 3" (75 mm) to absorb extreme impact energy to minimize damaging forces and protect the belt.
- Alternative trough angles or picking idler profiles available by special quote.

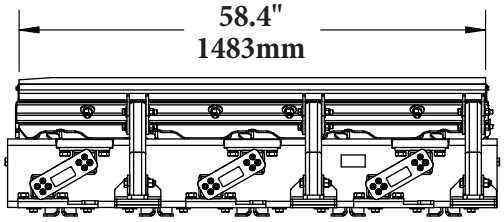












Bed Width		Dim A		Dim B		Dim C		Dim D	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
36	900	45	1143.0	10.75	273.1	1.05	26.6	52.25	1327.2
42	1050	51	1295.4	10.75	273.1	1.05	26.6	58.25	1479.6
48	1200	57	1447.8	10.75	273.1	1.05	26.6	64.25	1632.0
54	1350	63	1600.2	10.75	273.1	1.05	26.6	70.25	1784.4
60	1500	69	1752.6	10.75	273.1	1.05	26.6	76.25	1936.8
72	1800	81	2057.4	11.50	292.1	1.10	27.9	90.25	2292.4
84	2100	93	2362.2	11.75	298.5	1.10	27.9	102.25	2597.2
96	2400	105	2667.0	11.75	298.5	1.10	27.9	114.25	2902.0

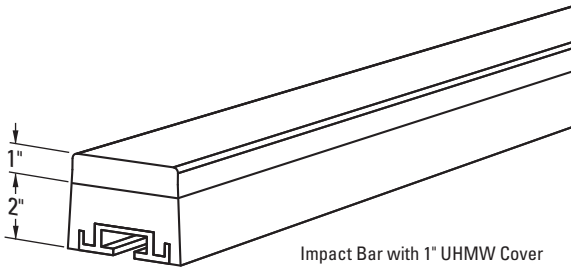
Product Ordering Information

Impact Bars with 1" UHMW

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

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

Lead time: 1 working day



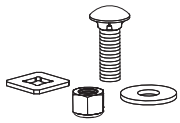
Impact Bar with 1" UHMW Cover

Impact Bar Bolt Kit for Other OEM Impact Beds*

1/2" carriage bolt, square washer, flat washer and Nylock nut to mount DRX Impact Bars on other OEM beds that use 1/2" T-bolts.
Count cross stringers on OEM bed (example: 3 cross stringers require 3 Bolt Kits per impact bar)

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

*Kit includes (1) ea. bolt, square washer, flat washer, and Nylock nut.
Lead time: 1 working day

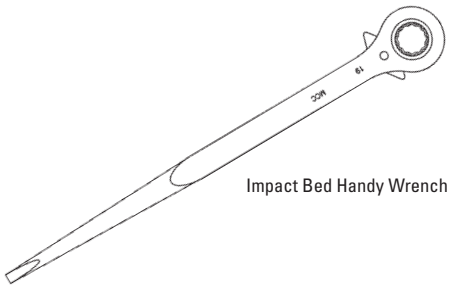

Optional Impact Bar Bolt Kit

Impact Bed Handy Wrench

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

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

Lead time: 1 working day

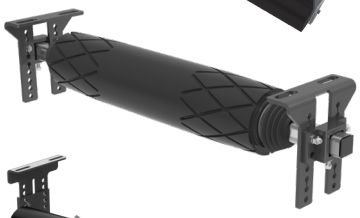

Impact Bed Handy Wrench

Selection Guidelines

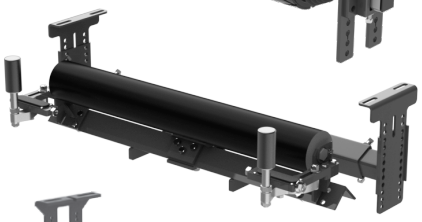
MODEL	APPLICATION RANGE
Belt Positioner™	Return side only. 800 PIW max tension on Small, Medium and Large; 1200 PIW max tension on Extra Large. Also works on reversing belts.
PTEZ™	Medium-duty belts up to 1600 PIW max tension. Also works on reversing belts. Belt width 18–48" (450–1200 mm).
PT Smart™	Medium-duty belts up to 1600 PIW max tension. Belt width 42–84" (1050–2100 mm). Belt thickness 1" (25 mm) maximum.
HD PTEZ™	Medium-duty belts up to 2400 PIW max tension. Belt widths + 9" (225 mm) idler. Belt thickness 1" (25 mm) maximum. Also works on reversing belts.
PT Max™	Heavy-duty belts up to 3000 PIW max Generally 3/4–1" thick (19–25 mm) Belt width 24–60" (600–1500 mm)
HD PT Max™	Heavy-duty belts up to 6000 PIW max tension. Belt width 54–84" (1350–2100 mm)

Belt Positioner™

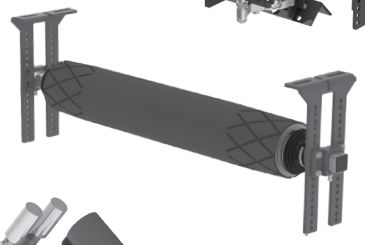
PTEZ™



PT Smart™
Standard

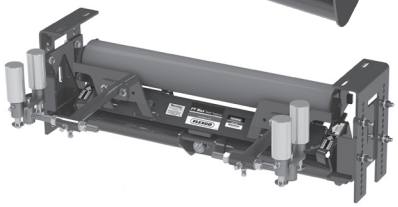


HD PTEZ™



PT Max™
Top Side

PT Max™
Return Side



Conveyor Criteria	Belt Positioner™	PTEZ™	Heavy Duty PTEZ™	PT Smart™	PT Max™	Heavy Duty PT Max™	Super Duty PT Max™
Top side mistracking	No	No	No	No	Yes	Yes	Yes
Return side mistracking	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Reversing	Yes	Yes	Yes	No	No	No	No
Belt mistracking to one side	Better	Better	Better	Better	Better	Better	Better
Belt mistracking to both sides	Acceptable	Better	Better	**Best**	**Best**	**Best**	**Best**
Inconsistent tracking problem	Good	Better	Better	**Best**	**Best**	**Best**	**Best**
Belt is cupped (heavy)	**Best** ‡	Better ‡	Better ‡	Better	Better	Better	Better
Belt has edge damage	**Best**	**Best**	**Best**	Good	Good	Good	Good
Ease of Installation	**Best**	Better	Better	Good	Good	Good	Good
Belt has low running tension (150-300 PIW)	Good	Good	Good	Good	Good	N/A	N/A
Belt has medium running tension (300-1600 PIW)	Better	Better	Better	Better	**Best**	**Best**	**Best**
Belt has high running tension (1600+ PIW)	N/A	N/A	N/A	N/A	Better	**Best**	**Best**
Approx. "upstream" effect *Δ	50' (15m)	20' (6m)	20' (6m)	20' (6m)	50' (15m)	50' (15m)	50' (15m)
Approx. "downstream" effect *Δ	50' (15m)	100–120' (30–36m)	100–120' (30–36m)	120–150' (36–45m)	150–200' (45–61m)	150–200' (45–61m)	150–200' (45–61m)

‡ 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™

SIZE	BELT WIDTH (Min–Max)		POSITIONER WIDTH (Min–Max)		RUBBER ROLLERS			STEEL ROLLERS		
	in.	mm	in.	mm	ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
Small	18–24	450–600	24–34	600–850	RBP1R-S	90646	60.5	RBP1S-S	74558	69.8
Medium	30–48	750–1200	34–56	850–1400	RBP1R-M	90647	73.5	RBP1S-M	74559	84.6
Large	54–72	1350–1800	56–83	1400–2075	RBP1R-L	90648	94.0	RBP1S-L	74560	109.5
Extra Large	72–96	1800–2400	72–120	1800–3000	RBP1R-XL	90649	182.0	RBP1S-XL	74561	199.6

Lead time: 1 working day
Use next larger size for belt widths between ranges.
NOTE: Idler Rollers on sizes S, M and L are 5" (125 mm) diameter and rated CEMA D,
Idler Rollers on the XL size are 6" (150 mm) diameter and rated CEMA E.

Product Notes:

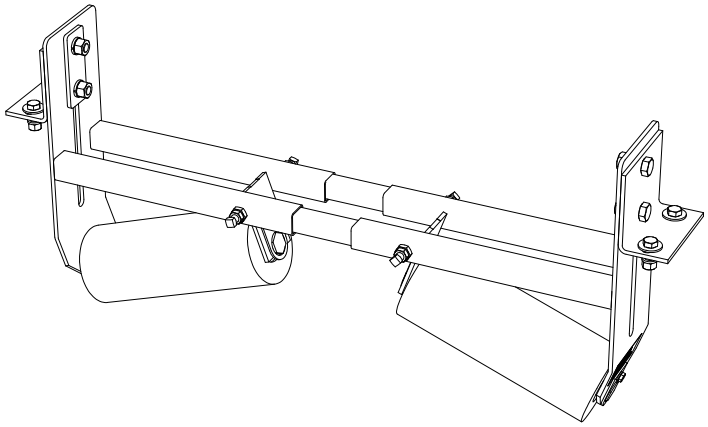
- The Positioner should be centered between two standard return rollers. For general applications – standard belts up to 72" (1800 mm): position the unit no closer than 3' (.9 m) to a return roller and no farther than 6' (1.8 m).
- Works on the return side of the conveyor using simple angled rollers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

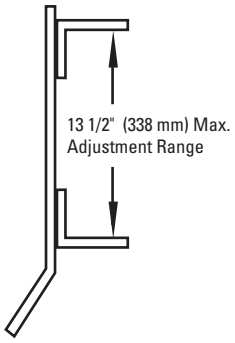
Specifications & Guidelines

Belt Width Specifications

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

Use next larger size for belt widths between ranges.





Application Guidelines:

- Belt Splice ..... Mechanically Fastened/Vulcanized
- Belt Speed ..... 1000 FPM (5 m/s)
- 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	1" (25mm)	1" (25mm)
Wall Thickness	9 Gauge (.148) (XL - 1/4")	9 Gauge (.148) (XL - 1/4")
Specific Gravity	Over 1	Over 1
Working Temperature	-4 to 220°F	-4 to 220°F
	-20 to 104°C	-20 to 104°C
Grease & Chemical Resistance	Good	Good
Sticky Material Performance	Excellent	Good

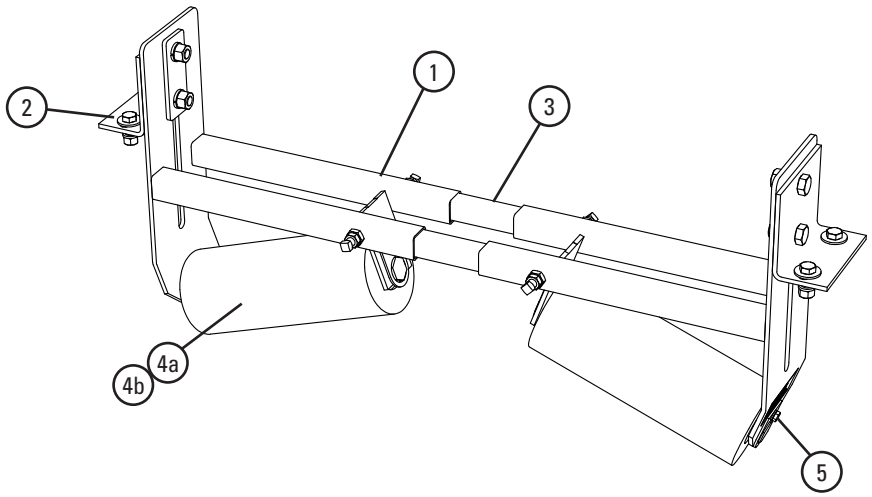
Roller Dimensions

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

Product Notes:

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

Replacement Parts List



Replacement Parts

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

*Hardware included
Lead time: 1 working day

Replacement Rollers

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
4a	Small Rubber Roller	RBPRR-S	90650	7.9
	Medium Rubber Roller	RBPRR-M	90651	11.0
	Large Rubber Roller	RBPRR-L	90652	15.5
	Extra Large Rubber Roller	RBPRR-XL	90653	27.8
4b	Small Steel Roller	RBPSR-S	74562	12.2
	Medium Steel Roller	RBPSR-M	74563	16.5
	Large Steel Roller	RBPSR-L	74564	23.2
	Extra Large Steel Roller	RBPSR-XL	74565	36.6
5	Roller Retainer Kit (incl. 1 retainer and hardware)	RBPRET	73163	0.5

Lead time: 1 working day

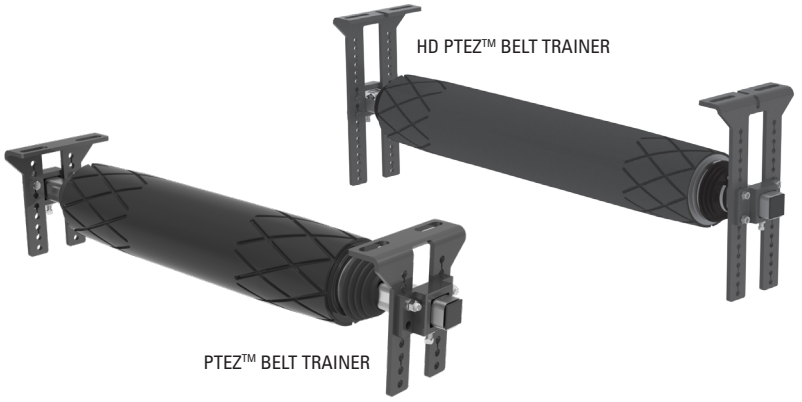
Idler rollers on sizes S, M and L are 5" (125 mm) diameter and rated CEMA D.
Idler rollers on the XL size are 6" (150 mm) diameter and rated CEMA E.
*Roller Retainer Kit not required for XL rollers (SDX style).

Product Ordering Information

PTEZ™

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	PTEZ-18	90265	120.0
24	600	PTEZ-24	90266	130.0
30	750	PTEZ-30	90267	140.0
36	900	PTEZ-36	90268	150.0
42	1050	PTEZ-42	90269	160.0
48	1200	PTEZ-48	90270	170.0

Lead time: 1 working day



HD PTEZ™

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
42	1050	PTEZHD-42/1050	90616	228.0
48	1200	PTEZHD-48/1200	90617	252.0
54	1350	PTEZHD-54/1350	90618	277.0
56	1400	PTEZHD-56/1400	90795	285.0
60	1500	PTEZHD-60/1500	90619	301.0
64	1600	PTEZHD-64/1600	90796	317.0
72	1800	PTEZHD-72/1800	90620	349.0
80	2000	PTEZHD-80/2000	90797	382.0
84	2100	PTEZHD-84/2100	90621	398.0

Lead time: 1 working day

HD PTEZ™ Underground Structure

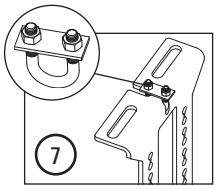
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
42	1050	PTEZHD-42/1050-UG	90798	230.0
48	1200	PTEZHD-48/1200-UG	90799	254.0
54	1350	PTEZHD-54/1350-UG	90800	279.0
60	1500	PTEZHD-60/1500-UG	90801	303.0
72	1800	PTEZHD-72/1800-UG	90802	351.0

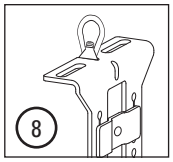
Lead time: 1 working day

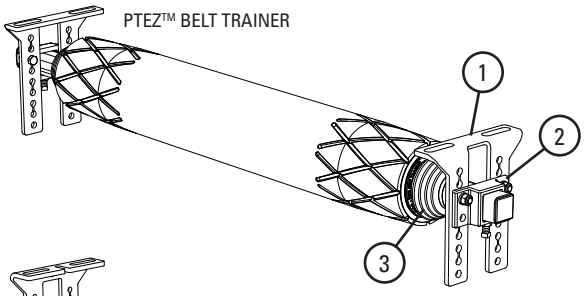
Product Notes:

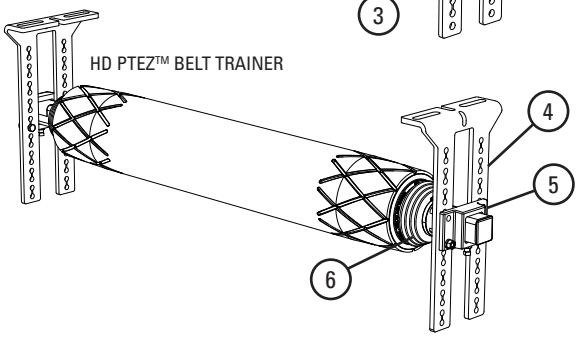
- Simple adjustable mounting brackets ensure quick and accurate installation.
- Urethane roller cover ensures long-lasting performance.
- Works in multiple applications, yet economical. Single-direction and reversing belts. Wet or dry conditions. Belts with edge damage or wear. Belts mistracking to one 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









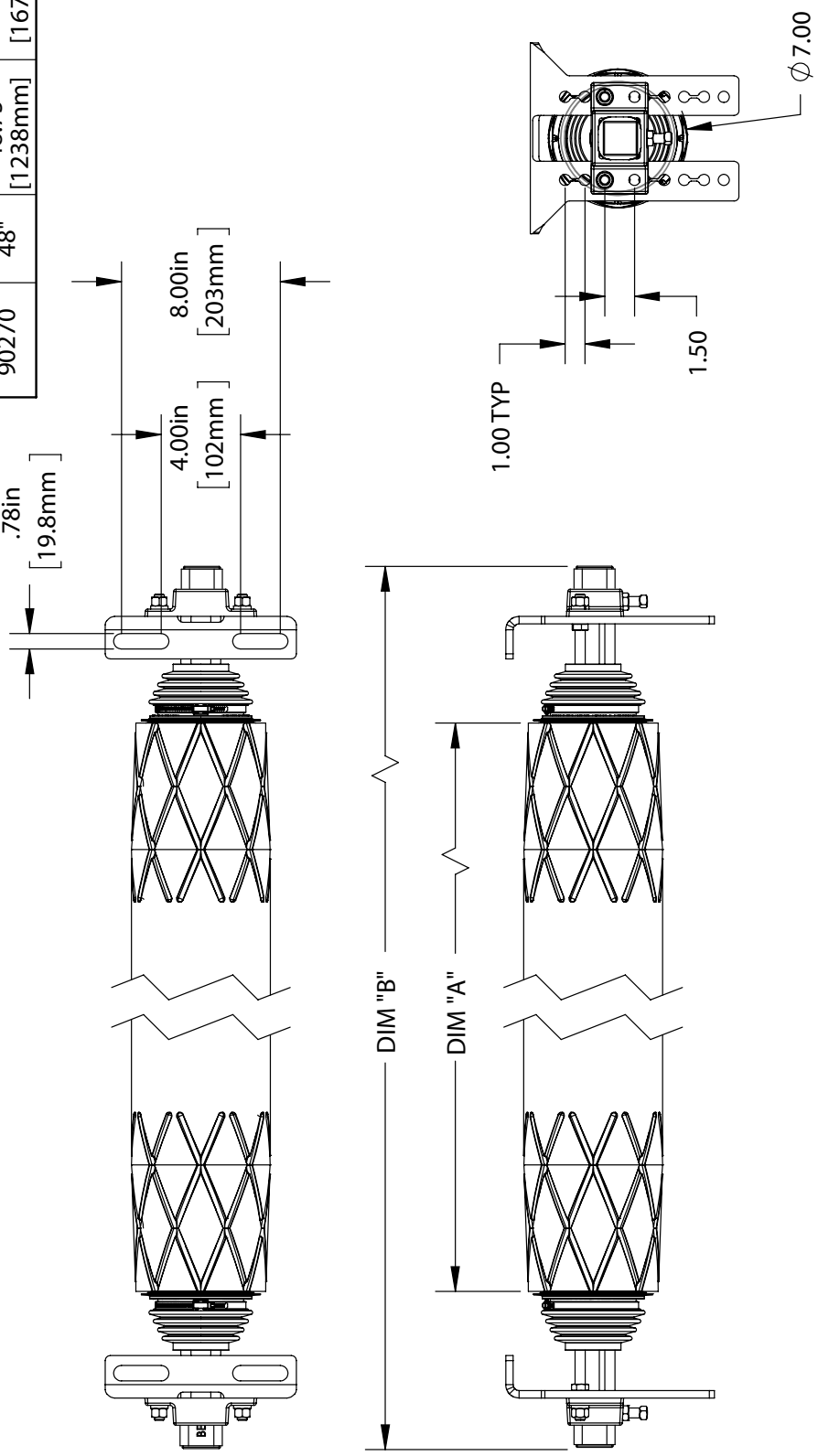
PTEZ™ Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	PTEZ Mounting Bracket Kit (2 ea.)	PTEZMB	90351	8.0
2	PTEZ Pole Bracket Kit (2 ea.)	PTEZPB	90352	6.0
3	PTEZ Dust Cover Kit (2 ea.)	PTEZDC	90353	1.0
4	PTEZ HD Mount Bracket Kit (2 ea.)	PTEZHD-MBK	90803	19.0
5	PTEZ HD Pole Bracket Kit (2 ea.)	PTEZHD-PBK	90804	8.0
6	PTEZ HD Dust Cover Kit (2 ea.)	PTEZHD-DCK	90805	1.0
7	PTEZ HD Wire Rope Bolt Kit (2 ea.)	PTEZHD-WRBK	90806	1.0
8	PTEZ HD J Bolt Bracket Kit (2 ea.)	PTEZHD-JBBK	90807	2.0

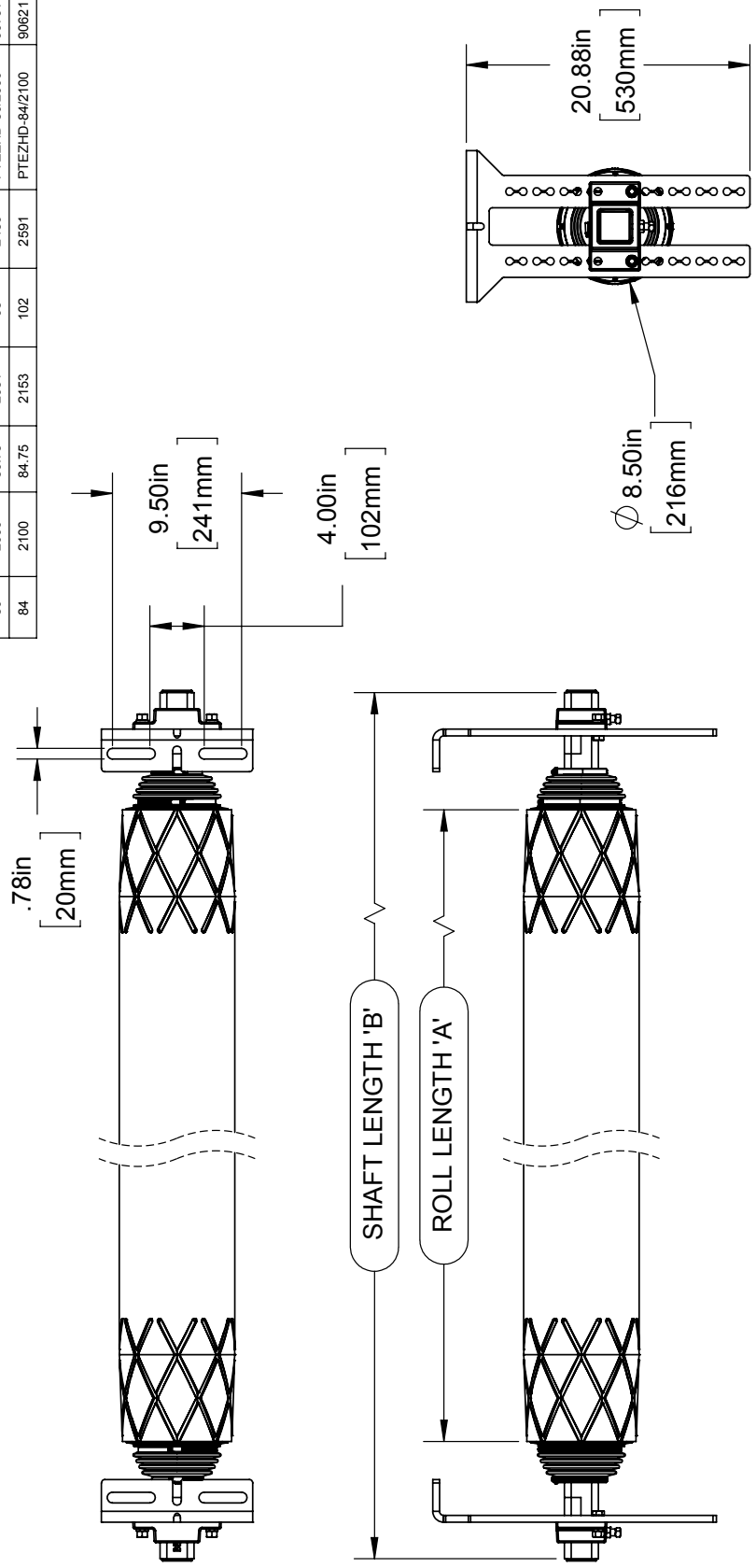
Lead time: 1 working day
*Bracket set for 1 roller

Specifications & Guidelines

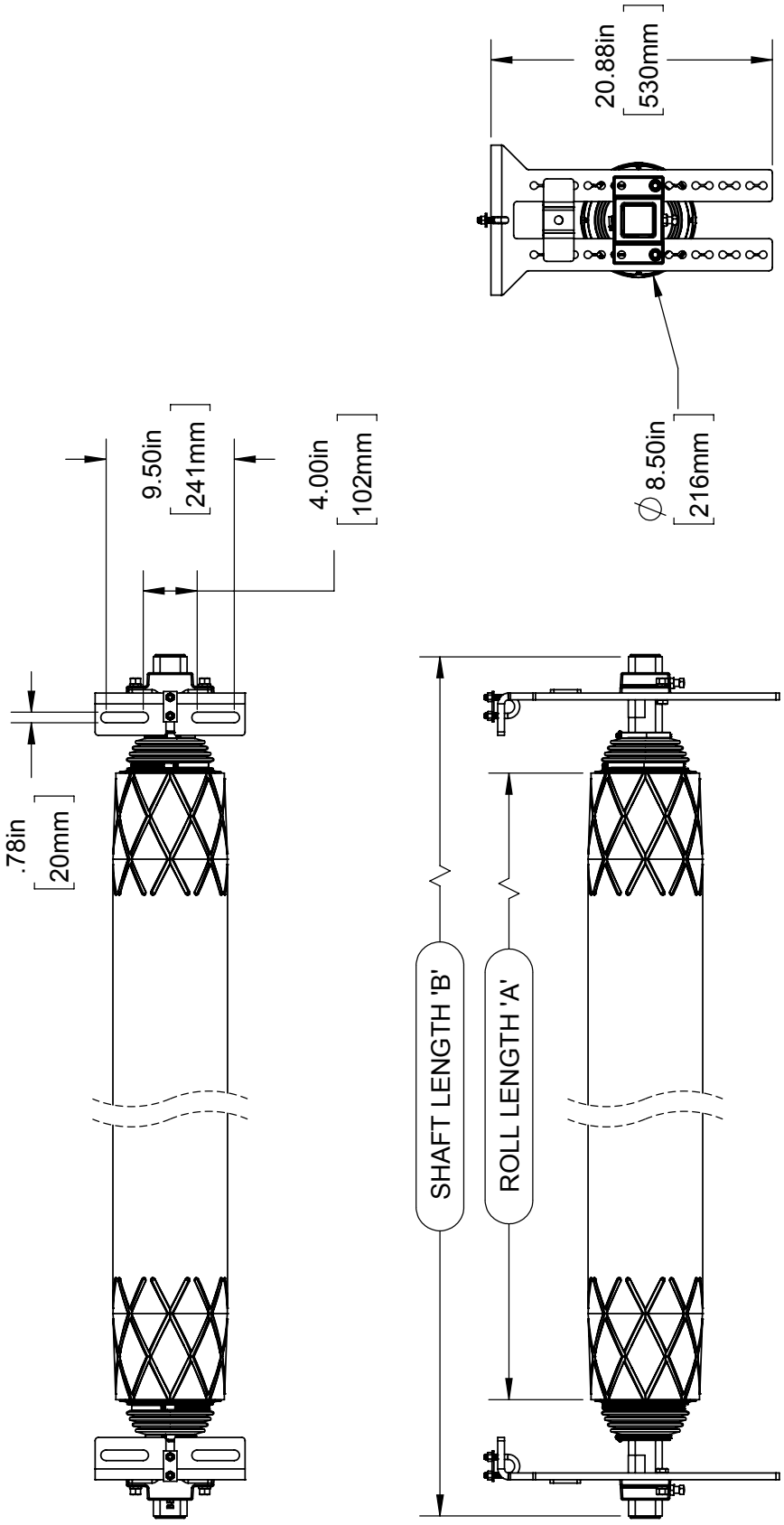
PART NUMBER	BELT WIDTH	DIM "A"	DIM "B"
90265	18"	18.75" [476mm]	36" [914mm]
90266	24"	24.75" [629mm]	42" [1067mm]
90267	30"	30.75" [781mm]	48" [1219mm]
90268	36"	36.75" [933mm]	54" [1372mm]
90269	42"	42.75 [1086mm]	60" [1524mm]
90270	48"	48.75 [1238mm]	66" [1676mm]



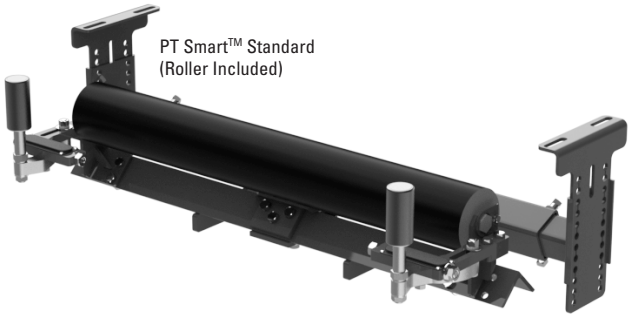
SPECIFICATIONS							
BELT WIDTH (in)	BELT WIDTH (mm)	ROLL LENGTH 'A' (in)	ROLL LENGTH 'A' (mm)	SHAFT LENGTH 'B' (in)	SHAFT LENGTH 'B' (mm)	ORDERING NUMBER	ITEM CODE
42	1050	42.75	1086	60	1524	PTEZHD-42/1050	90616
48	1200	48.75	1238	66	1676	PTEZHD-48/1200	90617
54	1350	54.75	1391	72	1829	PTEZHD-54/1350	90618
56	1400	56.75	1441	74	1880	PTEZHD-56/1400	90795
60	1500	60.75	1543	78	1981	PTEZHD-60/1500	90619
64	1600	64.75	1645	82	2083	PTEZHD-64/1600	90796
72	1800	72.75	1848	90	2286	PTEZHD-72/1800	90620
80	2000	80.75	2051	98	2489	PTEZHD-80/2000	90797
84	2100	84.75	2153	102	2591	PTEZHD-84/2100	90621



SPECIFICATIONS							
BELT WIDTH (in)	BELT WIDTH (mm)	ROLL LENGTH 'A' (in)	ROLL LENGTH 'A' (mm)	SHAFT 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™

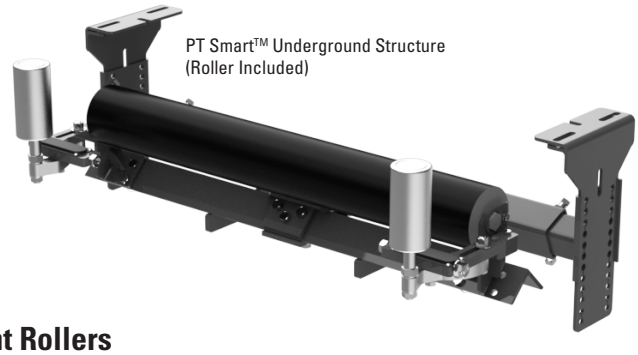
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	PTS-18R	77664	121.0
24	600	PTS-24R	77665	141.0
30	750	PTS-30R	77666	154.0
36	900	PTS-36R	77667	169.0
42	1050	PTS-42R	77668	186.0
48	1200	PTS-48R	77669	197.0
54	1350	PTS-54R	77670	210.0
60	1500	PTS-60R	77671	224.0
72	1800	PTS-72R	77672	242.0

Lead time: 1 working day

Replacement Rollers

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	PTS-RR21	77680	22.0
24	600	PTS-RR27	77681	27.0
30	750	PTS-RR33	77682	32.2
36	900	PTS-RR39	77683	36.0
42	1050	PTS-RR45	77684	41.5
48	1200	PTS-RR51	77685	45.0
54	1350	PTS-RR57	77686	47.5
60	1500	PTS-RR63	77687	53.0
72	1800	PTS-RR75	77689	57.0

Lead time: 1 working day



PT Smart™ Underground

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
30	750	PTS-30R-UG	77673	174.0
36	900	PTS-36R-UG	77674	188.0
42	1050	PTS-42R-UG	77675	196.0
48	1200	PTS-48R-UG	77676	208.0
54	1350	PTS-54R-UG	77677	220.0
60	1500	PTS-60R-UG	77678	255.0
72	1800	PTS-72R-UG	77679	265.0

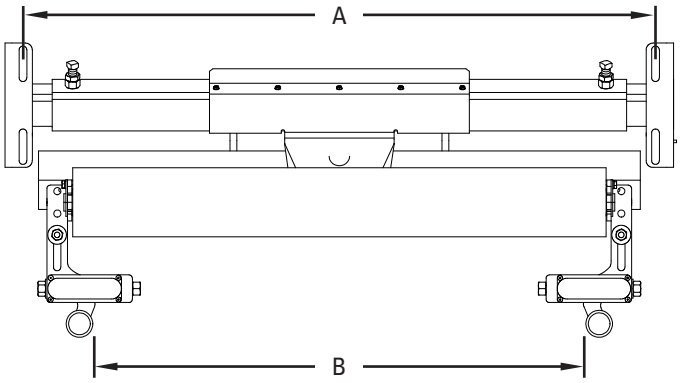
Lead time: 1 working day

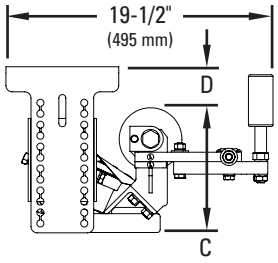
Replacement Rollers

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
30	750	PTS-RR39	77683	36.0
36	900	PTS-RR45	77684	41.5
42	1050	PTS-RR51	77685	45.0
48	1200	PTS-RR57	77686	47.5
54	1350	PTS-RR63	77687	53.0
60	1500	PTS-RR69	77688	57.0
72	1800	PTS-RR81	77690	81.0

Lead time: 1 working day

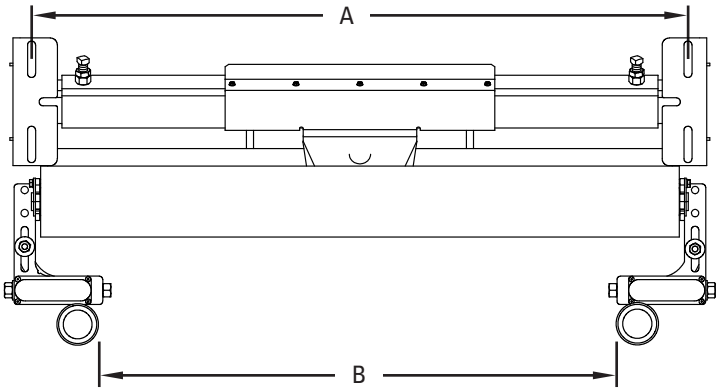
Specifications & Guidelines

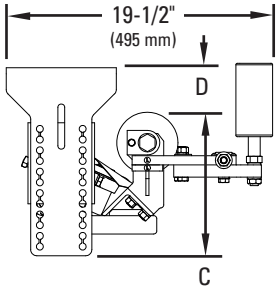




PT Smart Standard

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

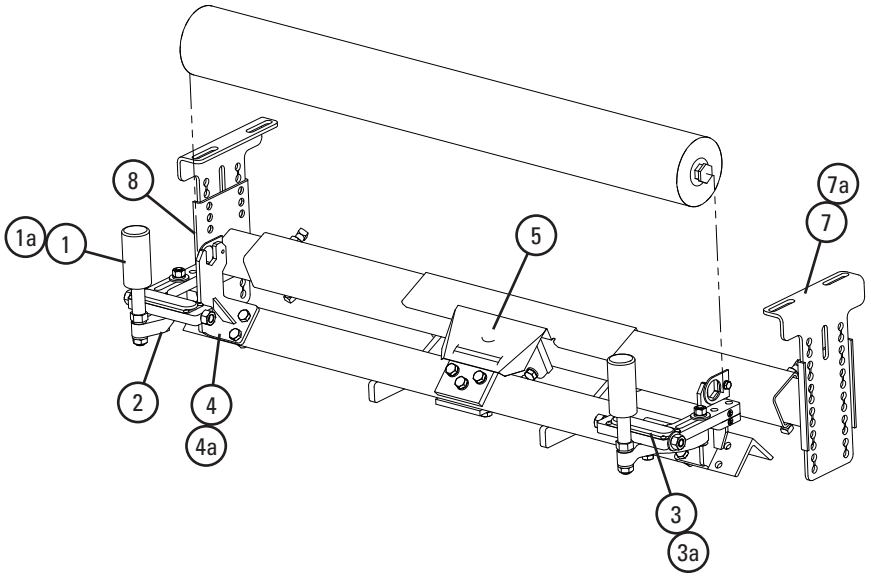




PT Smart Underground Structure

Belt Width		Item	A		B		C		D (vertical adjustment)	
in.	mm	Code	in.	mm	in.	mm	in.	mm	in.	mm
30	750	77673	35–47	875–1175	27–40	675–1000				
36	900	77674	41–53	1025–1325	33–46	825–1150				
42	1050	77675	47–59	1175–1475	39–52	975–1300				
48	1200	77676	53–65	1025–1625	45–58	1125–1450	10	250	2-3/4–13-1/4	695–331
54	1350	77677	59–71	1475–1775	51–64	1275–1600				
60	1500	77678	65–77	1625–1925	57–70	1425–1750				
72	1800	77679	77–89	1925–2225	69–82	1725–2050	10-1/2	262	2-1/4–12-3/4	565–319

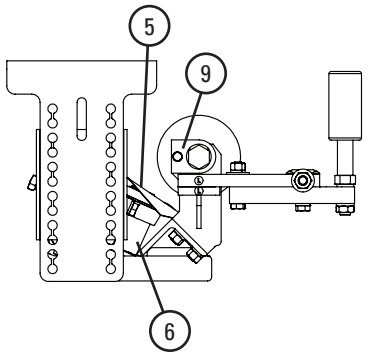
Replacement Parts List

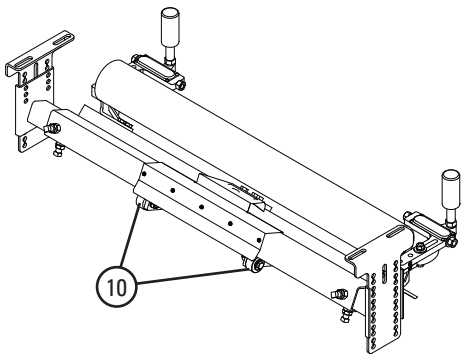


Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	PTS STD Sensor Roller (2")	PTS-SR	77691	3.6
1a	PTS HD Sensor Roller (3")	PTS-HDSR	77692	12.0
-	Optional PTS STD Adjustable Sensor Roller (2")	PTS-ASR	93089	3.6
-	Optional PTS HD Adjustable Sensor Roller (3")	PTS-AHDSR	93090	12.0
2	PTS Sensor Arm Kit (1 ea.)	PTS-SAK	77694	2.5
3	PTS RH Sensor Adjuster Assy	PTS-RHSAA	77755	4.7
3a	PTS LH Sensor Adjuster Assy	PTS-LHSAA	77756	4.7
4	PTS Idler Bracket Kit (incl. L & R)	PTS-IBK	77696	5.9
4a	PTS HD Idler Bracket Kit (incl. L & R)	PTS-HIBK	77697	6.2
5	PTS Pivot Shield	PTS-PS	77698	1.8
6	PTS Pivot Assy (Axle and housing)	PTS-PA	77699	6.9
7	PTS Mounting Bracket Kit	PTS-MBK	77700	8.8
7a	PTS Mounting Bracket Kit U/G	PTS-MBKUG	77701	11.4
8	PTS Extending Bracket Kit (incl. L & R)	PTS-EBK	77702	12.9
9	Roller Retainer Kit	RBPRET	73163	1.0
10	Delrin Roll Kit* (2 kits)	PTS-DRK	90100	1.5
-	Wire Mount Kit	PTS-WMK	78767	11.5

*Hardware included
Lead time: 1 working day



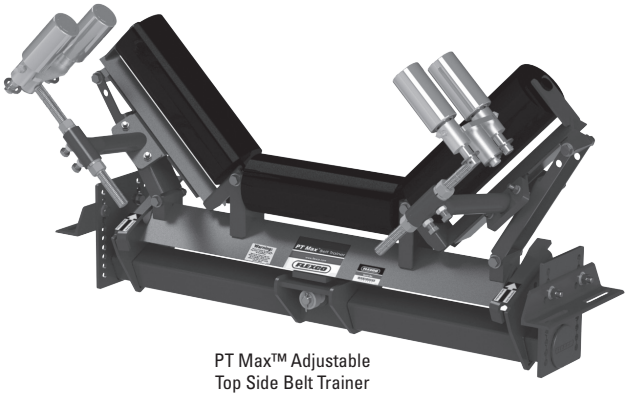


Product Ordering Information

PT Max™ Adjustable Top Side

VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Standard	36	900	PTMA36T	90362	355.0
	42	1050	PTMA42T	90363	375.0
	48	1200	PTMA48T	90364	405.0
	54	1350	PTMA54T	90365	425.0
	60	1500	PTMA60T	90366	445.0
Heavy-Duty	54	1350	PTMAHD54T	90377	505.0
	60	1500	PTMAHD60T	90378	530.0
	72	1800	PTMAHD72T	90379	610.0
	84	2100	PTMAHD84T	90380	670.0

Lead time: 1 working day

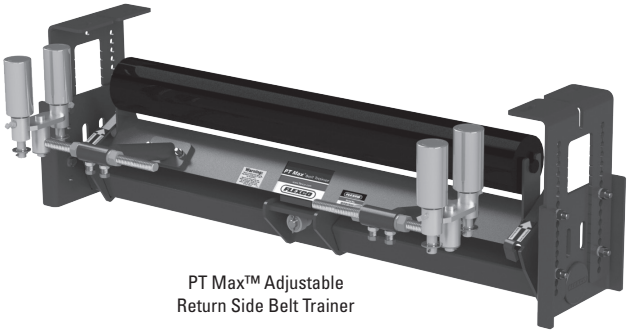


PT Max™ Adjustable
Top Side Belt Trainer

PT Max™ Adjustable Return Side

VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Standard	36	900	PTMA36R	90367	340.0
	42	1050	PTMA42R	90368	375.0
	48	1200	PTMA48R	90369	395.0
	54	1350	PTMA54R	90370	415.0
	60	1500	PTMA60R	90371	430.0
Heavy-Duty	54	1350	PTMAHD54R	90381	520.0
	60	1500	PTMAHD60R	90382	540.0
	72	1800	PTMAHD72R	90383	615.0
	84	2100	PTMAHD84R	90384	665.0

Lead time: 1 working day

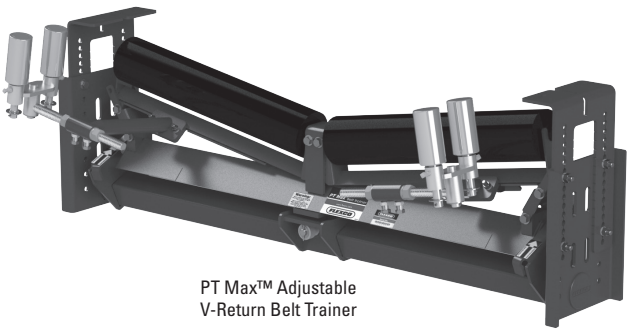


PT Max™ Adjustable
Return Side Belt Trainer

PT Max™ Adjustable V-Return

VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Standard	36	900	PTMA36VR	90372	430.0
	42	1050	PTMA42VR	90373	450.0
	48	1200	PTMA48VR	90374	475.0
	54	1350	PTMA54VR	90375	495.0
	60	1500	PTMA60VR	90376	520.0
Heavy-Duty	54	1350	PTMAHD54VR	90385	610.0
	60	1500	PTMAHD60VR	90386	635.0
	72	1800	PTMAHD72VR	90387	725.0
	84	2100	PTMAHD84VR	90388	770.0

Lead time: 1 working day



PT Max™ Adjustable
V-Return Belt Trainer

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

Product Ordering Information

PT Max™ Top Side

VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Standard	24	600	PTM24T	75583	280.0
	30	750	PTM30T	74885	295.0
	36	900	PTM36T	74886	310.0
	42	1050	PTM42T	74887	325.0
	48	1200	PTM48T	74888	340.0
	54	1350	PTM54T	74889	355.0
	60	1500	PTM60T	74890	370.0
Heavy-Duty	54	1350	PTMHD54T	74891	390.0
	60	1500	PTMHD60T	74892	410.0
	72	1800	PTMHD72T	74893	430.0
	84	2100	PTMHD84T	74894	450.0
Super-Duty	72	1800	PTMSD72T	74895	828.1
	84	2100	PTMSD84T	74896	876.8
	96	2400	PTMSD96T	74897	925.5
	120	3000	PTMSD120T	74898	1,022.9

PT Max™ Original Top Side Belt Trainer
(Rollers supplied by end user)

PT Max™ Return Side

VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Standard	24	600	PTM24R	75584	330.0
	30	750	PTM30R	74899	340.0
	36	900	PTM36R	74900	350.0
	42	1050	PTM42R	74901	370.0
	48	1200	PTM48R	74902	380.0
	54	1350	PTM54R	74903	400.0
	60	1500	PTM60R	74904	420.0
Heavy-Duty	54	1350	PTMHD54R	74905	510.0
	60	1500	PTMHD60R	74906	520.0
	72	1800	PTMHD72R	74907	580.0
	84	2100	PTMHD84R	74908	610.0
Super-Duty	72	1800	PTMSD72R	74909	992.7
	84	2100	PTMSD84R	74910	1,051.1
	96	2400	PTMSD96R	74911	1,109.5
	120	3000	PTMSD120R	74912	1,226.3

PT Max™ Original Return Side Belt Trainer
(Rollers supplied by end user)

PT Max™ V-Return

VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Standard	24	600	PTM24VR	79669	310.0
	30	750	PTM30VR	79670	320.0
	36	900	PTM36VR	79671	330.0
	42	1050	PTM42VR	79672	350.0
	48	1200	PTM48VR	79673	360.0
	54	1350	PTM54VR	79674	370.0
	60	1500	PTM60VR	79675	390.0
Heavy-Duty	54	1350	PTMHD54VR	79665	470.0
	60	1500	PTMHD60VR	79666	480.0
	72	1800	PTMHD72VR	79667	560.0
	84	2100	PTMHD84VR	79668	600.0
Super-Duty	72	1800	PTMSD72VR	90051	935.0
	84	2100	PTMSD84VR	90052	990.0
	96	2400	PTMSD96VR	90053	1,045.0
	120	3000	PTMSD120VR	90054	1,155.0

PT Max™ Original V-Return Belt Trainer
(Rollers supplied by end user)

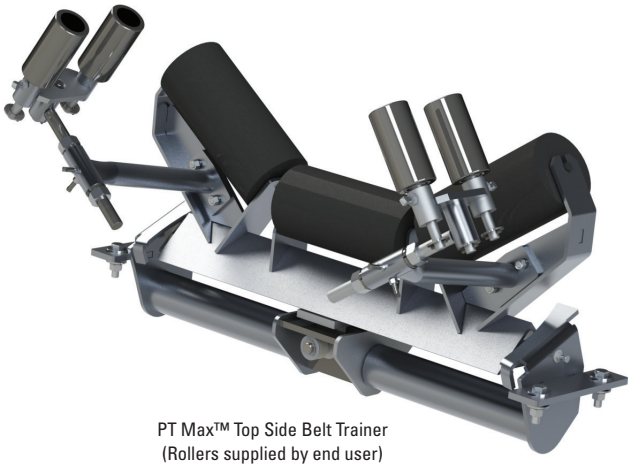
All items are made to order.
Lead time: 15 working days (after data sheets are approved)

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

Product Ordering Information

PT Max™ Top Side

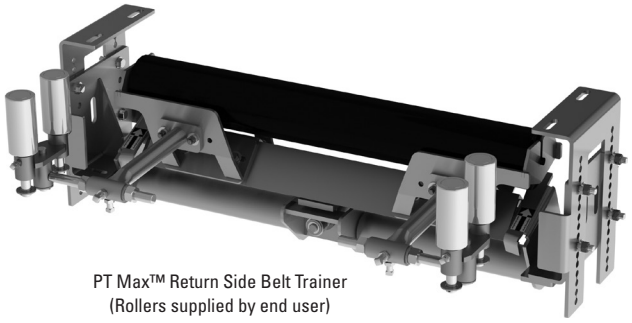
VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Standard	24	600	PTM24T-S/S	90001	302.4
	30	750	PTM30T-S/S	90002	318.6
	36	900	PTM36T-S/S	90003	334.8
	42	1050	PTM42T-S/S	90004	351.0
	48	1200	PTM48T-S/S	90005	367.2
	54	1350	PTM54T-S/S	90006	383.4
	60	1500	PTM60T-S/S	90007	399.6
Heavy-Duty	54	1350	PTMHD54T-S/S	90008	421.2
	60	1500	PTMHD60T-S/S	90009	442.8
	72	1800	PTMHD72T-S/S	90010	464.4
	84	2100	PTMHD84T-S/S	90011	486.0
Super-Duty	72	1800	PTMSD72T-S/S	90034	894.3
	84	2100	PTMSD84T-S/S	90035	946.9
	96	2400	PTMSD96T-S/S	90036	999.5
	120	3000	PTMSD120T-S/S	90037	1,104.8



PT Max™ Top Side Belt Trainer
(Rollers supplied by end user)

PT Max™ Return Side

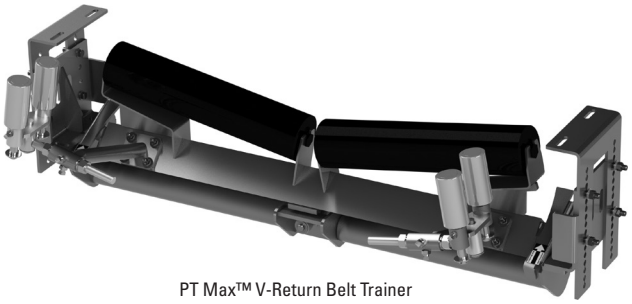
VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Standard	24	600	PTM24R-S/S	90012	356.4
	30	750	PTM30R-S/S	90013	367.2
	36	900	PTM36R-S/S	90014	378.0
	42	1050	PTM42R-S/S	90015	399.6
	48	1200	PTM48R-S/S	90016	410.4
	54	1350	PTM54R-S/S	90017	432.0
	60	1500	PTM60R-S/S	90018	453.6
Heavy-Duty	54	1350	PTMHD54R-S/S	90019	550.8
	60	1500	PTMHD60R-S/S	90020	561.6
	72	1800	PTMHD72R-S/S	90021	626.4
	84	2100	PTMHD84R-S/S	90022	658.8
Super-Duty	72	1800	PTMSD72R-S/S	90038	1,072.1
	84	2100	PTMSD84R-S/S	90039	1,135.2
	96	2400	PTMSD96R-S/S	90040	1,198.3
	120	3000	PTMSD120R-S/S	90041	1,324.4



PT Max™ Return Side Belt Trainer
(Rollers supplied by end user)

PT Max™ V-Return

VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Standard	24	600	PTM24VR-S/S	90023	334.8
	30	750	PTM30VR-S/S	90024	345.6
	36	900	PTM36VR-S/S	90025	356.4
	42	1050	PTM42VR-S/S	90026	378.0
	48	1200	PTM48VR-S/S	90027	388.8
	54	1350	PTM54VR-S/S	90028	399.6
	60	1500	PTM60VR-S/S	90029	421.2
Heavy-Duty	54	1350	PTMHD54VR-S/S	90030	507.6
	60	1500	PTMHD60VR-S/S	90031	518.4
	72	1800	PTMHD72VR-S/S	90032	604.8
	84	2100	PTMHD84VR-S/S	90033	648.0
Super-Duty	72	1800	PTMSD72VR-S/S	90042	1,009.8
	84	2100	PTMSD84VR-S/S	90043	1,069.2
	96	2400	PTMSD96VR-S/S	90044	1,128.6
	120	3000	PTMSD120VR-S/S	90045	1,247.4



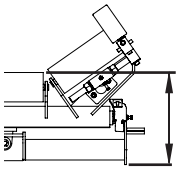
PT Max™ V-Return Belt Trainer
(Rollers supplied by end user)

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

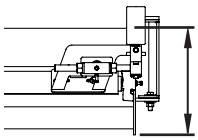
Specifications & Guidelines

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

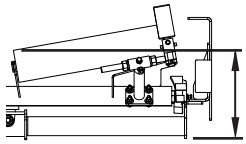
ROLL DIAMETER		TOPSIDE						RETURN SIDE						V-RETURN					
		Standard		Heavy-Duty		Super-Duty		Standard		Heavy-Duty		Super-Duty		Standard		Heavy-Duty		Super-Duty	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
5	127	16	406	17	432	22.25	570	17	432	18	457	22.75	580	16	406	17	432	22.25	570
6	152	17	432	18	457	23.25	590	18	457	19	483	23.75	600	17	432	18	457	23.25	590
7	178	18	457	19	483	24.25	620	19	483	20	508	24.75	630	18	457	19	483	24.25	620



Topside Clearance

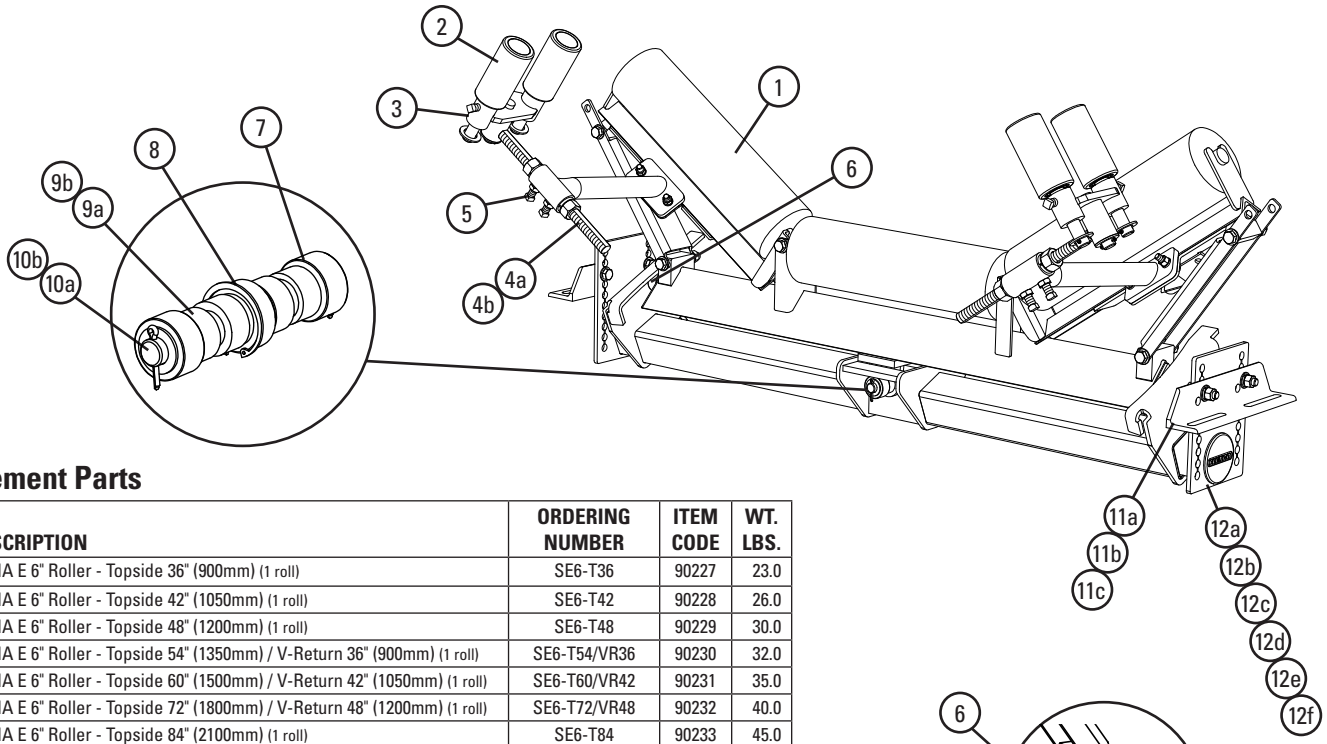


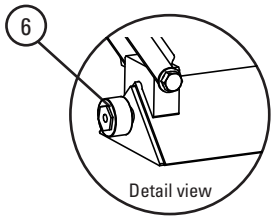
Return Side Clearance



V-Return Clearance

Replacement Parts List



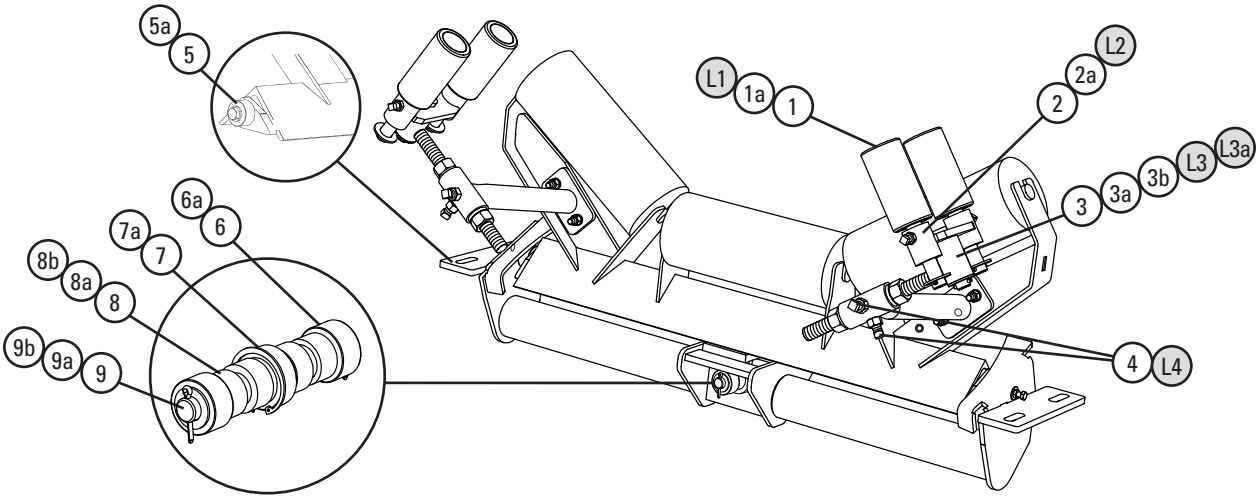


Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	CEMA E 6" Roller - Topside 36" (900mm) (1 roll)	SE6-T36	90227	23.0
	CEMA E 6" Roller - Topside 42" (1050mm) (1 roll)	SE6-T42	90228	26.0
	CEMA E 6" Roller - Topside 48" (1200mm) (1 roll)	SE6-T48	90229	30.0
	CEMA E 6" Roller - Topside 54" (1350mm) / V-Return 36" (900mm) (1 roll)	SE6-T54/VR36	90230	32.0
	CEMA E 6" Roller - Topside 60" (1500mm) / V-Return 42" (1050mm) (1 roll)	SE6-T60/VR42	90231	35.0
	CEMA E 6" Roller - Topside 72" (1800mm) / V-Return 48" (1200mm) (1 roll)	SE6-T72/VR48	90232	40.0
	CEMA E 6" Roller - Topside 84" (2100mm) (1 roll)	SE6-T84	90233	45.0
	CEMA E 6" Roller - Flat-Return 36" (900mm) (1 roll)	SE6-R36	90220	54.0
	CEMA E 6" Roller - Flat-Return 42" (1050mm) (1 roll)	SE6-R42	90221	60.0
	CEMA E 6" Roller - Flat-Return 48" (1200mm) (1 roll)	SE6-R48	90222	66.0
	CEMA E 6" Roller - Flat-Return 54" (1350mm) (1 roll)	SE6-R54	90223	72.0
	CEMA E 6" Roller - Flat-Return 60" (1500mm) (1 roll)	SE6-R60	90224	78.0
	CEMA E 6" Roller - Flat-Return 72" (1800mm) (1 roll)	SE6-R72	90225	90.0
	CEMA E 6" Roller - Flat-Return 84" (2100mm) (1 roll)	SE6-R84	90226	102.0
	CEMA E 6" Roller - V-Return 54" (1350mm) (1 roll)	SE6-VR54	90234	43.0
	CEMA E 6" Roller - V-Return 60" (1500mm) (1 roll)	SE6-VR60	90235	47.0
	CEMA E 6" Roller - V-Return 72" (1800mm) (1 roll)	SE6-VR72	90236	54.0
	CEMA E 6" Roller - V-Return 84" (2100mm) (1 roll)	SE6-VR84	90319	57.0
2	Sensor Roller 2.0* (3" solid roller) (1 ea.)	MSR2	79378	7.0
3	Swivel Mount Kit 2.0*	PMSMK2	79380	5.5
4a	PT Max Adjusting Arm Kit	PTMAAK	90194	6.0
4b	PT Max Adjusting Arm Kit - HD	PTMAAKHD	90195	9.0
5	Frame Arm Screw Kit (incl. (4) ea. screw, jam nut)	PTMAFASK	90196	1.2
6	Outer Roller Kit* (incl. (2) rollers, roller thimbles)	PTMAORK	90197	1.0
7	Center Roller Kit (incl. (2) ea. roller, washer, cotter pin)	MCRK	74923	1.2
8	Center Bearing	MCB	74925	1.7
9a	Center Shaft Spacer Kit (incl. (2) spacer)	MCSK	74927	0.3
9b	Center Shaft Spacer Kit - HD (incl. (2) spacer)	MCSKHD	74928	0.5
10a	Center Shaft	MCS	74930	4.0
10b	Center Shaft - HD	MCSHD	74931	13.0
11a	Frame Mount Kit - Topside	PTMAFMKT	90185	14.6
11b	Frame Mount Kit - Flat / V-Return	PTMAFMKR	90186	42.0
11c	Frame Mount Kit - Flat / V-Return HD	PTMAFMKHDR	90187	49.4
12a	Extender Kit - Topside	PTMAEKT	90188	33.9
12b	Extender Kit - Topside HD	PTMAEKHDT	90191	49.9
12c	Extender Kit - Flat-Return	PTMAEKR	90189	57.1
12d	Extender Kit - Flat-Return HD	PTMAEKHDR	90192	86.4
12e	Extender Kit - V-Return	PTMAEKVR	90190	76.0
12f	Extender Kit - V-Return HD	PTMAEKHDVR	90193	112.1
-	Center Bearing Kit (incl. (1) ea. items 7, 8, 9a, 10a)	MCBK	76025	8.0
-	Center Bearing Kit - HD (incl. (1) ea. items 7, 8, 9b, 10b)	MCBKHD	76026	17.0

*Hardware included
Lead time: 1 working day

Replacement Parts List



Replacement Parts

REF	DESCRIPTION	BELT WIDTH in.	BELT WIDTH mm	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Sensor Roller 2.0* (3" solid roller) (1 ea.)	30–84	750–2100	MSR2	79378	7.0
1a	Sensor Roller Super Duty* (1 ea.)	72–120	1800–3000	MSRSD	74915	9.9
2	Swivel Mount Kit 2.0*	30–84	750–2100	PMSMK2	79380	5.5
2a	Swivel Mount Kit Super Duty*	72–120	1800–3000	PMSMKSD	74917	7.5
3	Adjusting Arm Kit 2.0*	30–60	750–1500	MAK2	79381	7.9
3a	Adjusting Arm Kit Heavy Duty 2.0*	54–84	1350–2100	MAKHD2	79382	14.7
3b	Adjusting Arm Kit Super Duty*	72–120	1800–3000	MAKSD	74920	21.0
4	Frame Arm Set Screw Kit HD (incl. 2 set screws and 2 jam nuts)	30–120	750–3000	MFASKHD	79571	0.8
5	Outer Roller Kit* (incl. 2 rollers, roller thimbles and bolts, nuts and washers)	30–84	750–2100	MORK	74921	2.6
5a	Outer Roller Kit Super Duty* (incl. 2 rollers, roller thimbles and bolts, nuts and washers)	72–120	1800–3000	MORKSD	74922	4.0
6	Center Roller Kit* (incl. 2 rollers, 2 washers, and 2 cotter pins)	30–84	750–2100	MCRK	74923	1.2
6a	Center Roller Kit Super Duty* (incl. 2 rollers, 2 washers, and 2 cotter pins)	72–120	1800–3000	MCRKSD	74924	1.8
7	Center Bearing*	30–84	750–2100	MCB	74925	1.7
7a	Center Bearing Super Duty*	72–120	1800–3000	MCBSD	74926	3.0
8	Center Shaft Spacer Kit (incl. 2 spacers)	30–60	750–1500	MCSK	74927	0.3
8a	Center Shaft Spacer Kit Heavy Duty (incl. 2 spacers)	54–84	1350–2100	MCSKHD	74928	0.5
8b	Center Shaft Spacer Kit Super Duty (incl. 2 spacers)	72–120	1800–3000	MCSKSD	74929	2.4
9	Center Shaft	30–60	750–1500	MCS	74930	4.0
9a	Center Shaft Heavy Duty	54–84	1350–2100	MCSHD	74931	13.0
9b	Center Shaft Super Duty	72–120	1800–3000	MCSSD	74932	14.5
-	Center Bearing Kit (incl. 1 ea. items 6, 7, 8, 9)	30–60	750–1500	MCBK	76025	8.0
-	Center Bearing Kit Heavy Duty (incl. 1 ea. items 6, 7, 8a, 9a)	54–84	1350–2100	MCBKHD	76026	17.0
-	Center Bearing Kit Super Duty (incl. 1 ea. items 6a, 7a, 8b, 9b)	72–120	1800–3000	MCBKSD	114404	19.0

For PT Max™ Units Shipped after March 17, 2014 ONLY.

See below for legacy replacement parts.

*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.

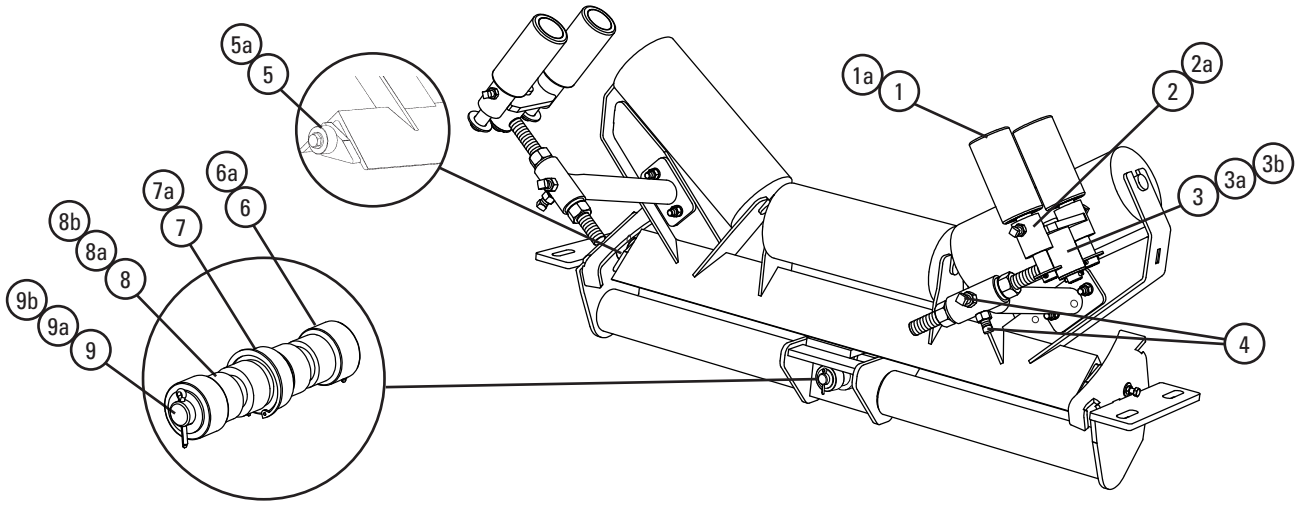
Shaded items are made to order.
Lead time: 15 working days

Legacy Replacement Parts - Units Shipped Prior to March 17, 2014

REF	DESCRIPTION	BELT WIDTH in.	BELT WIDTH mm	ORDERING NUMBER	ITEM CODE	WT. LBS.
L1	Sensor Roller* (3" solid roller) (1 ea.)	30–84	750–2100	MSR	74914	7.0
L2	Swivel Mount Kit*	30–84	750–2100	PMSMK	74916	5.5
L3	Adjusting Arm Kit*	30–60	750–1500	MAK	74918	7.9
L3a	HD Adjusting Arm Kit*	54–84	1350–2100	MAKHD	74919	14.7
L4	Frame Arm Set Screw Kit (incl. 2 set screws and 2 jam nuts)	30–120	750–3000	MFASK	75531	0.8

*Hardware included
Lead time: 1 working day

Replacement Parts List



Replacement Parts

REF	DESCRIPTION	BELT WIDTH in.	BELT WIDTH mm	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Sensor Roller 2.0* (3" solid roller) (1 ea.)	30–84	750–2100	MSR2-S/S	90046	7.6
1a	Sensor Roller Super Duty	72–120	1800–3000	MSRSD-S/S	90055	10.7
2	Swivel Mount Kit 2.0*	30–84	750–2100	PMSMK2-S/S	90047	5.9
2a	Swivel Mount Kit Super Duty*	72–120	1800–3000	PMSMKSD-S/S	90056	8.1
3	Adjusting Arm Kit 2.0*	30–60	750–1500	MAK2-S/S	90048	8.5
3a	Adjusting Arm Kit Heavy Duty 2.0*	54–84	1350–2100	MAKHD2-S/S	90049	15.9
3b	Adjusting Arm Kit Super Duty*	72–120	1800–3000	MAKSD-S/S	90057	22.7
4	Frame Arm Set Screw Kit HD (incl. 2 set screws and 2 jam nuts)	30–120	750–3000	MFASKHD-S/S	90050	0.9
5	Outer Roller Kit* (incl. 2 rollers, roller thimbles and bolts, nuts and washers)	30–84	750–2100	MORK	74921	2.6
5a	Outer Roller Kit Super Duty* (incl. 2 rollers, roller thimbles and bolts, nuts and washers)	72–120	1800–3000	MORKSD	74922	4.0
6	Center Roller Kit* (incl. 2 rollers, 2 washers, and 2 cotter pins)	30–84	750–2100	MCRK	74923	1.2
6a	Center Roller Kit Super Duty* (incl. 2 rollers, 2 washers, and 2 cotter pins)	72–120	1800–3000	MCRKSD	74924	1.8
7	Center Bearing*	30–84	750–2100	MCB	74925	1.7
7a	Center Bearing Super Duty*	72–120	1800–3000	MCBSD	74926	3.0
8	Center Shaft Spacer Kit (incl. 2 spacers)	30–60	750–1500	MCSK	74927	0.3
8a	Center Shaft Spacer Kit Heavy Duty (incl. 2 spacers)	54–84	1350–2100	MCSKHD	74928	0.5
8b	Center Shaft Spacer Kit Super Duty (incl. 2 spacers)	72–120	1800–3000	MCSKSD	74929	2.4
9	Center Shaft	30–60	750–1500	MCS	74930	4.0
9a	Center Shaft Heavy Duty	54–84	1350–2100	MCSHD	74931	13.0
9b	Center Shaft Super Duty	72–120	1800–3000	MCSSD	74932	14.5
-	Center Bearing Kit (incl. 1 ea. items 6, 7, 8, 9)	30–60	750–1500	MCBK	76025	8.0
-	Center Bearing Kit Heavy Duty (incl. 1 ea. items 6, 7, 8a, 9a)	54–84	1350–2100	MCBKHD	76026	17.0
-	Center Bearing Kit Super Duty (incl. 1 ea. items 6a, 7a, 8b, 9b)	72–120	1800–3000	MCBKSD	114404	19.0

*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

Enclosed Skirting Base Unit

Base unit configuration options: belt width, length, no cover or cover, standard or tangential seal. One Leg Kit included with each Base Unit.

Product Notes:

- Maximum span between support legs is 96" (or 8') and they are to be attached to the conveyor stringer or truss
  - For each run of Enclosed Skirting one additional Leg Kit is required to complete the installation. See Leg Kits on the Replacement Parts page.
- Skirting solutions do not include required skirt rubber; purchase from local Flexco distribution
- Straight skirt wall and tangential skirt wall available for different skirt rubber sealing options
- Product is built and sold to CEMA standards
- Skirt board liners made with AR400 abrasive resistant plate steel

Standard Base Unit

BELT WIDTH		UNIT LENGTH		NO COVER			COVERED		
in.	mm	ft.	mm	ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
24	600	4	1200	ES24-4-SN	91653	176.6	ES24-4-SF	91664	218.4
30	750	4	1200	ES30-4-SN	91654	177.9	ES30-4-SF	91665	227.4
36	900	4	1200	ES36-4-SN	91655	179.3	ES36-4-SF	91666	236.5
42	1050	4	1200	ES42-4-SN	91656	181.9	ES42-4-SF	91667	247.2
48	1200	4	1200	ES48-4-SN	91657	183.3	ES48-4-SF	91668	256.6
54	1350	4	1200	ES54-4-SN	91658	184.6	ES54-4-SF	91669	265.6
60	1500	4	1200	ES60-4-SN	91659	187.3	ES60-4-SF	91670	276.1
66	1650	4	1200	ES66-4-SN	91660	188.6	ES66-4-SF	91671	285.1
72	1800	4	1200	ES72-4-SN	91661	189.9	ES72-4-SF	91672	294.5
84	2100	4	1200	ES84-4-SN	91662	193.9	ES84-4-SF	91673	314.0
96	2400	4	1200	ES96-4-SN	91663	197.9	ES96-4-SF	91674	333.7
24	600	8	2400	ES24-8-SN	91689	318.3	ES24-8-SF	91700	401.8
30	750	8	2400	ES30-8-SN	91690	319.6	ES30-8-SF	91701	418.6
36	900	8	2400	ES36-8-SN	91691	320.9	ES36-8-SF	91702	435.4
42	1050	8	2400	ES42-8-SN	91692	323.6	ES42-8-SF	91703	454.2
48	1200	8	2400	ES48-8-SN	91693	325.0	ES48-8-SF	91704	471.5
54	1350	8	2400	ES54-8-SN	91694	326.3	ES54-8-SF	91705	488.4
60	1500	8	2400	ES60-8-SN	91695	329.0	ES60-8-SF	91706	506.5
66	1650	8	2400	ES66-8-SN	91696	330.3	ES66-8-SF	91707	523.3
72	1800	8	2400	ES72-8-SN	91697	331.6	ES72-8-SF	91708	540.7
84	2100	8	2400	ES84-8-SN	91698	335.6	ES84-8-SF	91709	575.7
96	2400	8	2400	ES96-8-SN	91699	339.6	ES96-8-SF	91710	611.2

Lead time: 3 weeks

Tangential Base Unit

BELT WIDTH		UNIT LENGTH		NO COVER			COVERED		
in.	mm	ft.	mm	ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
48	1200	4	1200	ES48-4-TN	91675	225.5	ES48-4-TF	91682	298.8
54	1350	4	1200	ES54-4-TN	91676	226.8	ES54-4-TF	91683	307.9
60	1500	4	1200	ES60-4-TN	91677	229.5	ES60-4-TF	91684	318.3
66	1650	4	1200	ES66-4-TN	91678	230.8	ES66-4-TF	91685	327.4
72	1800	4	1200	ES72-4-TN	91679	232.2	ES72-4-TF	91686	336.7
84	2100	4	1200	ES84-4-TN	91680	236.2	ES84-4-TF	91687	356.2
96	2400	4	1200	ES96-4-TN	91681	240.2	ES96-4-TF	91688	376.0
48	1200	8	2400	ES48-8-TN	91711	409.5	ES48-8-TF	91718	556.0
54	1350	8	2400	ES54-8-TN	91712	410.8	ES54-8-TF	91719	572.9
60	1500	8	2400	ES60-8-TN	91713	413.5	ES60-8-TF	91720	591.0
66	1650	8	2400	ES66-8-TN	91714	414.8	ES66-8-TF	91721	607.8
72	1800	8	2400	ES72-8-TN	91715	416.1	ES72-8-TF	91722	625.2
84	2100	8	2400	ES84-8-TN	91716	420.1	ES84-8-TF	91723	660.2
96	2400	8	2400	ES96-8-TN	91717	424.1	ES96-8-TF	91724	695.7

Lead time: 3 weeks

All items are made to order.
Lead time: 6 weeks

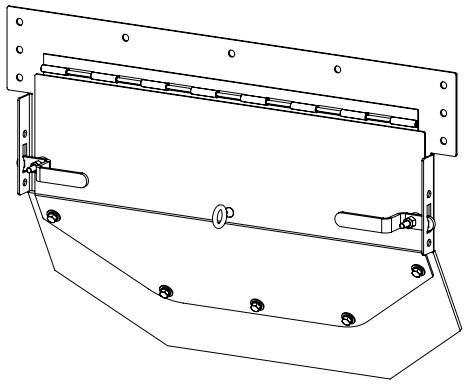
Product Ordering Information

Rear Seal

Used to enclose the rear of system while providing access into the system.

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	RS-24	91725	23.7
30	750	RS-30	91726	28.3
36	900	RS-36	91727	33.0
42	1050	RS-42	91728	38.1
48	1200	RS-48	91729	43.4
54	1350	RS-54	91730	48.6
60	1500	RS-60	91731	54.0
66	1650	RS-66	91732	59.3
72	1800	RS-72	91733	65.0
84	2100	RS-84	91734	78.1
96	2400	RS-96	91735	92.3

Lead time: 3 weeks

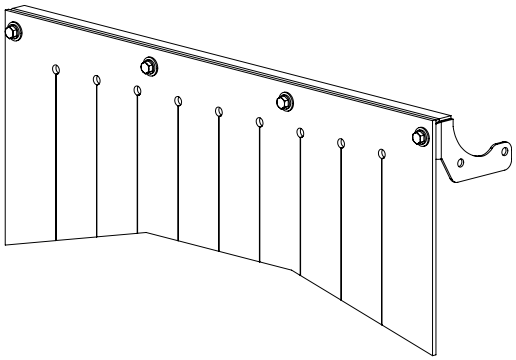


Dust Curtain

Can be located every two feet.

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	DC-24	91736	5.5
30	750	DC-30	91737	6.4
36	900	DC-36	91738	7.2
42	1050	DC-42	91739	8.0
48	1200	DC-48	91740	9.0
54	1350	DC-54	91741	9.6
60	1500	DC-60	91742	10.2
66	1650	DC-66	91743	11.0
72	1800	DC-72	91744	11.5
84	2100	DC-84	91745	12.7
96	2400	DC-96	91746	13.3

Lead time: 3 weeks

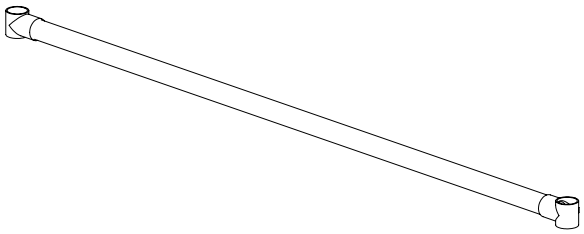


Spanners

Can be located every two feet.

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	SP-24	91747	5.5
48	1200	SP-48	91748	10.9
72	1800	SP-72	91749	16.2
96	2400	SP-96	91750	21.5

Lead time: 3 weeks

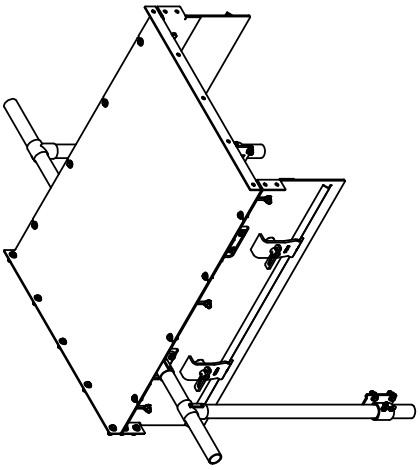


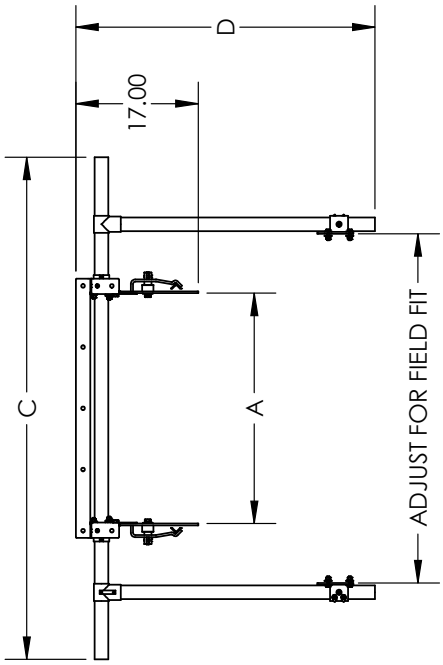
Shaded items are made to order.
Lead time: 6 weeks

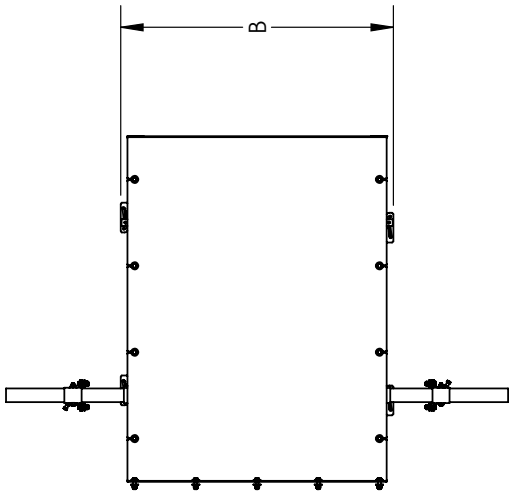
Product Notes:

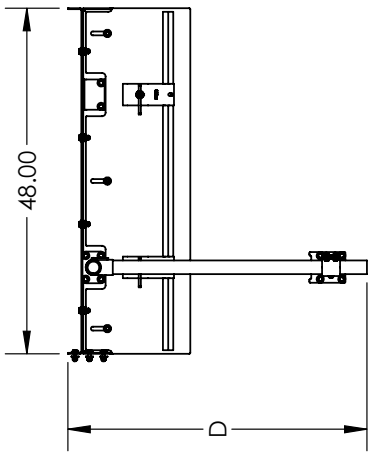
- Add-on items attach to base unit to provide custom arrangement for your application.

4' (1.2 m) Base Unit



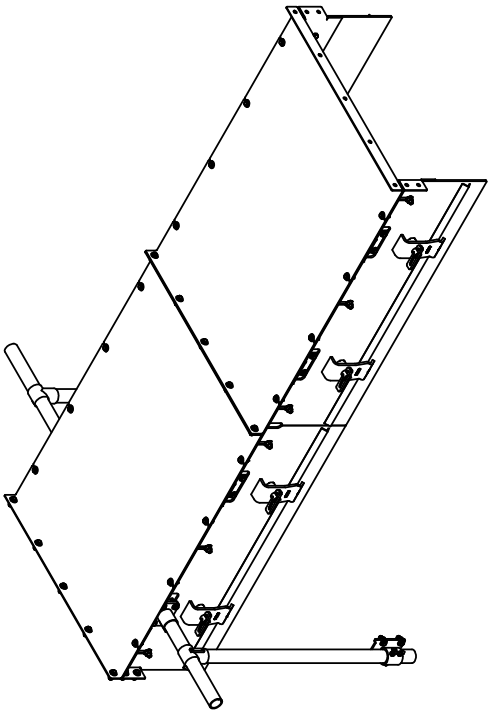


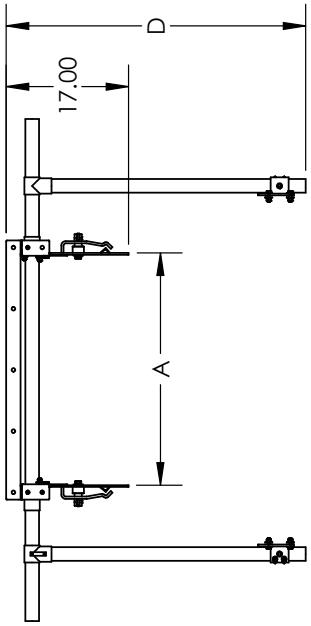


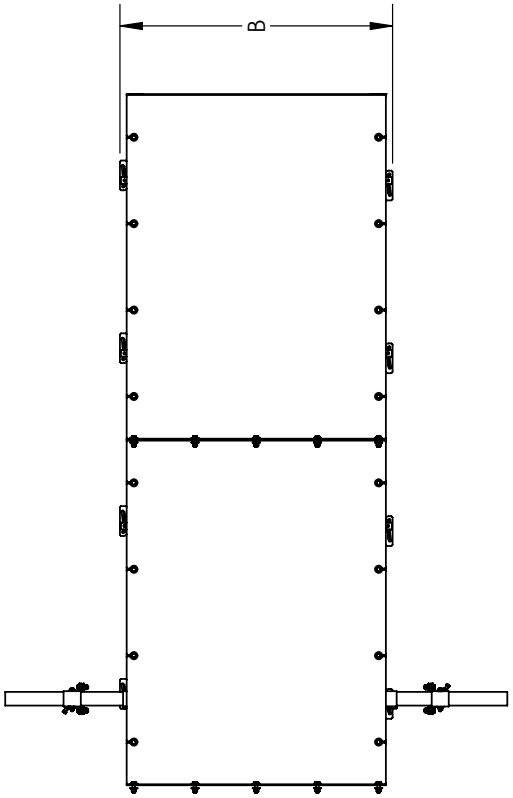


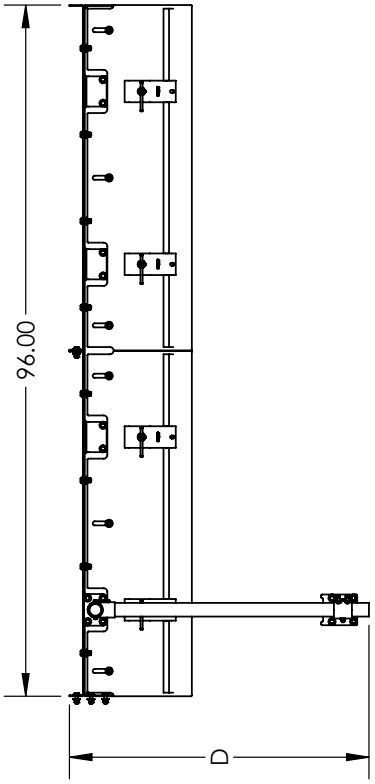
BELT WIDTH (in)	A (in)	B (in)	C (in)	D (in)
24	16	21.9	45.8	38.5
30	20	25.9	51.8	38.5
36	24	29.9	57.8	38.5
42	28	33.9	63.8	41.5
48	32	37.9	69.8	41.5
54	36	41.9	75.8	41.5
60	40	45.9	81.8	44.5
66	44	49.9	87.8	44.5
72	48	53.9	93.8	44.5
84	56	57.9	105.8	47.5
96	64	61.9	117.8	50.5

8' (2.4 m) Base Unit



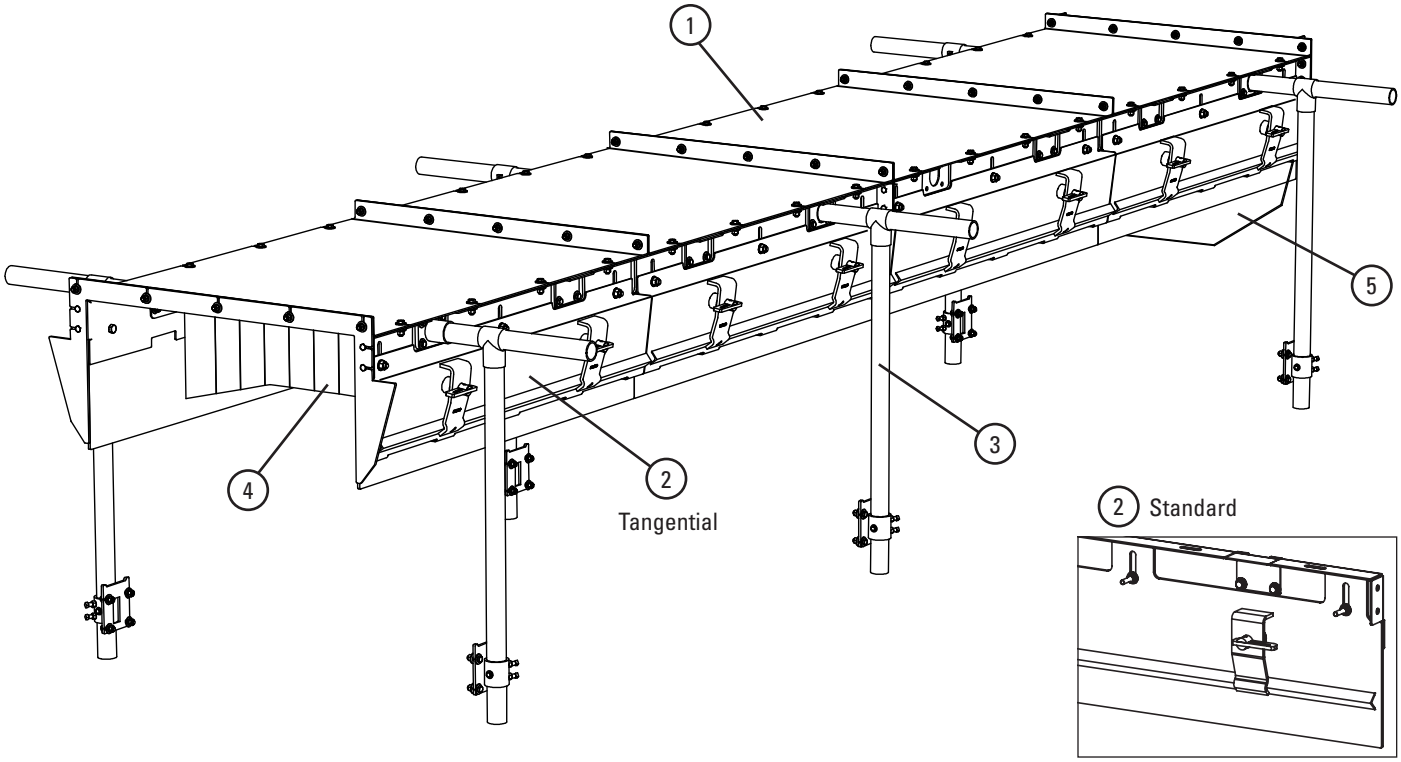






BELT WIDTH (in)	A (in)	B (in)	C (in)	D (in)
24	16	21.9	45.8	38.5
30	20	25.9	51.8	38.5
36	24	29.9	57.8	38.5
42	28	33.9	63.8	41.5
48	32	37.9	69.8	41.5
54	36	41.9	75.8	41.5
60	40	45.9	81.8	44.5
66	44	49.9	87.8	44.5
72	48	53.9	93.8	44.5
84	56	57.9	105.8	47.5
96	64	61.9	117.8	50.5

Replacement Parts



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) Cover	SKC-24	91751	41.8
	30" (750mm) Cover	SKC-30	91752	49.5
	36" (900mm) Cover	SKC-36	91753	57.3
	42" (1050mm) Cover	SKC-42	91754	65.3
	48" (1200mm) Cover	SKC-48	91755	73.3
	54" (1350mm) Cover	SKC-54	91756	81.0
	60" (1500mm) Cover	SKC-60	91757	88.8
	66" (1650mm) Cover	SKC-66	91758	96.5
	72" (1800mm) Cover	SKC-72	91759	104.6
	84" (2100mm) Cover	SKC-84	91760	120.0
	96" (2400mm) Cover	SKC-96	91761	135.8
2	Standard AR400 Wear Plate*	SL-48	91841	45.4
	Tangential AR400 Wear Plate*	TL-48	91842	45.6
3	24" (600mm) Leg Kit**	LA-24	91762	36.0
	30" (750mm) Leg Kit**	LA-30	91763	37.4
	36" (900mm) Leg Kit**	LA-36	91764	38.7
	42" (1050mm) Leg Kit**	LA-42	91765	41.4
	48" (1200mm) Leg Kit**	LA-48	91766	42.7
	54" (1350mm) Leg Kit**	LA-54	91835	44.0
	60" (1500mm) Leg Kit**	LA-60	91836	46.7
	66" (1650mm) Leg Kit**	LA-66	91837	48.0
	72" (1800mm) Leg Kit**	LA-72	91838	49.4
	84" (2100mm) Leg Kit**	LA-84	91839	53.4
	96" (2400mm) Leg Kit**	LA-96	91840	57.4

Hardware Included:
*Item is single plate; two plates are required for every 4' (1200 mm) base unit and four plates are required for every 8' (2400 mm) base unit
**Kit includes 2 vertical legs, 1 crossmember, joints/mounts, and hardware
Lead time: 1 working day

Replacement Rubber

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
4	24" (600mm) Dust Curtain Rubber	DCRR-24	92159	4.1
	30" (750mm) Dust Curtain Rubber	DCRR-30	92160	4.8
	36" (900mm) Dust Curtain Rubber	DCRR-36	92161	5.4
	42" (1050mm) Dust Curtain Rubber	DCRR-42	92162	6.0
	48" (1200mm) Dust Curtain Rubber	DCRR-48	92163	6.8
	54" (1350mm) Dust Curtain Rubber	DCRR-54	92164	7.2
	60" (1500mm) Dust Curtain Rubber	DCRR-60	92165	7.7
	66" (1650mm) Dust Curtain Rubber	DCRR-66	92166	8.3
	72" (1800mm) Dust Curtain Rubber	DCRR-72	92167	8.6
	84" (2100mm) Dust Curtain Rubber	DCRR-84	92168	8.5
	96" (2400mm) Dust Curtain Rubber	DCRR-96	92169	10.0
5	24" (600mm) Rear Seal Rubber	RSRR-24	92170	3.6
	30" (750mm) Rear Seal Rubber	RSRR-30	92171	4.2
	36" (900mm) Rear Seal Rubber	RSRR-36	92172	5.0
	42" (1050mm) Rear Seal Rubber	RSRR-42	92173	5.7
	48" (1200mm) Rear Seal Rubber	RSRR-48	92174	6.5
	54" (1350mm) Rear Seal Rubber	RSRR-54	92175	7.3
	60" (1500mm) Rear Seal Rubber	RSRR-60	92176	8.1
	66" (1650mm) Rear Seal Rubber	RSRR-66	92177	8.9
	72" (1800mm) Rear Seal Rubber	RSRR-72	92178	9.8
	84" (2100mm) Rear Seal Rubber	RSRR-84	92179	11.7
	96" (2400mm) Rear Seal Rubber	RSRR-96	92180	13.8

Shaded items are made to order.
Lead time: 3 weeks
Lead time: 6 weeks

Product Ordering Information

With 35° Chamfer - 25' (7.6 m)

HEIGHT		THICKNESS		LENGTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm	ft.	m			
4	100	3/8	10	25	7.6	SKPU-4X3/8X25	91288	21.2
4	100	1/2	12	25	7.6	SKPU-4X1/2X25	91289	28.2
4	100	5/8	16	25	7.6	SKPU-4X5/8X25	91290	35.3
4	100	3/4	19	25	7.6	SKPU-4X3/4X25	91291	42.3
4	100	1	25	25	7.6	SKPU-4X1X25	91292	56.4
6	150	3/8	10	25	7.6	SKPU-6X3/8X25	91298	31.7
6	150	1/2	12	25	7.6	SKPU-6X1/2X25	90283	42.3
6	150	5/8	16	25	7.6	SKPU-6X5/8X25	91299	52.9
6	150	3/4	19	25	7.6	SKPU-6X3/4X25	90284	63.5
6	150	1	25	25	7.6	SKPU-6X1X25	91300	84.6
8	200	3/8	10	25	7.6	SKPU-8X3/8X25	91304	42.3
8	200	1/2	12	25	7.6	SKPU-8X1/2X25	90285	56.4
8	200	5/8	16	25	7.6	SKPU-8X5/8X25	91305	70.5
8	200	3/4	19	25	7.6	SKPU-8X3/4X25	90286	84.6
8	200	1	25	25	7.6	SKPU-8X1X25	91306	112.8
10	250	3/8	10	25	7.6	SKPU-10X3/8X25	91310	52.9
10	250	1/2	12	25	7.6	SKPU-10X1/2X25	91311	70.5
10	250	5/8	16	25	7.6	SKPU-10X5/8X25	91312	88.1
10	250	3/4	19	25	7.6	SKPU-10X3/4X25	91313	105.8
10	250	1	25	25	7.6	SKPU-10X1X25	91314	141.0
12	300	3/8	10	25	7.6	SKPU-12X3/8X25	91320	63.5
12	300	1/2	12	25	7.6	SKPU-12X1/2X25	91321	84.6
12	300	5/8	16	25	7.6	SKPU-12X5/8X25	91322	105.8
12	300	3/4	19	25	7.6	SKPU-12X3/4X25	91323	126.9
12	300	1	25	25	7.6	SKPU-12X1X25	91324	169.2

Lead time: 1 working day

With 35° Chamfer - 50' (15.2 m)

HEIGHT		THICKNESS		LENGTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm	ft.	m			
4	100	3/8	10	50	15.2	SKPU-4X3/8X50	91293	42.3
4	100	1/2	12	50	15.2	SKPU-4X1/2X50	91294	56.4
4	100	5/8	16	50	15.2	SKPU-4X5/8X50	91295	70.5
4	100	3/4	19	50	15.2	SKPU-4X3/4X50	91296	84.6
4	100	1	25	50	15.2	SKPU-4X1X50	91297	112.8
6	150	3/8	10	50	15.2	SKPU-6X3/8X50	91301	63.5
6	150	1/2	12	50	15.2	SKPU-6X1/2X50	91222	84.6
6	150	5/8	16	50	15.2	SKPU-6X5/8X50	91302	105.8
6	150	3/4	19	50	15.2	SKPU-6X3/4X50	91223	126.9
6	150	1	25	50	15.2	SKPU-6X1X50	91303	169.2
8	200	3/8	10	50	15.2	SKPU-8X3/8X50	91307	84.6
8	200	1/2	12	50	15.2	SKPU-8X1/2X50	91224	112.8
8	200	5/8	16	50	15.2	SKPU-8X5/8X50	91308	141.0
8	200	3/4	19	50	15.2	SKPU-8X3/4X50	91225	169.2
8	200	1	25	50	15.2	SKPU-8X1X50	91309	225.6
10	250	3/8	10	50	15.2	SKPU-10X3/8X50	91315	105.8
10	250	1/2	12	50	15.2	SKPU-10X1/2X50	91316	141.0
10	250	5/8	16	50	15.2	SKPU-10X5/8X50	91317	176.3
10	250	3/4	19	50	15.2	SKPU-10X3/4X50	91318	211.5
10	250	1	25	50	15.2	SKPU-10X1X50	91319	282.0
12	300	3/8	10	50	15.2	SKPU-12X3/8X50	91325	126.9
12	300	1/2	12	50	15.2	SKPU-12X1/2X50	91326	169.2
12	300	5/8	16	50	15.2	SKPU-12X5/8X50	91327	211.5
12	300	3/4	19	50	15.2	SKPU-12X3/4X50	91328	253.8
12	300	1	25	50	15.2	SKPU-12X1X50	91329	338.4

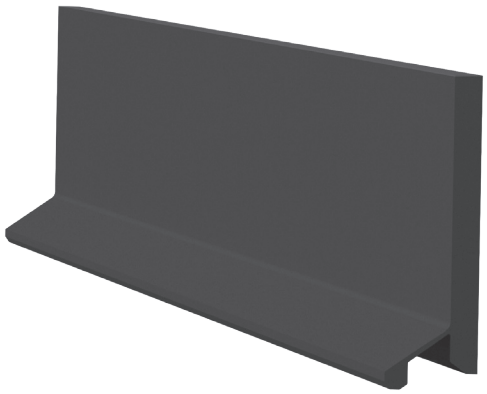
Lead time: 1 working day

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.
- 25' (7.6 m) or 50' (15.2 m) roll sizes ensure easy transportation, while the 35° chamfer eliminates the typical skirting break-in period.
- Suitable for most applications: single direction or reversing belts, wet or dry conditions, old or new belts, vulcanized or mechanically-spliced systems.
- Rated for temperatures from -20 to 180°F (-30 to 82°C).

Shaded items are made to order.
Lead time: 1-2 weeks

Product Ordering Information



Dual Seal Polyurethane Skirting

HEIGHT		THICKNESS		LENGTH		CHAMFER	ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm	ft.	m				
6	150	1/2	12	25	7.6	35°	SKPU-DUAL-6X1/2X25	91400	47.0
6	150	3/4	20				SKPU-DUAL-6X3/4X25	91401	67.8
8	200	1/2	12				SKPU-DUAL-8X1/2X25	91402	60.5
8	200	3/4	20				SKPU-DUAL-8X3/4X25	91403	88.1
6	150	1/2	12	50	15.2		SKPU-DUAL-6X1/2X50	91404	94.0
6	150	3/4	20				SKPU-DUAL-6X3/4X50	91405	135.5
8	200	1/2	12				SKPU-DUAL-8X1/2X50	91406	121.0
8	200	3/4	20				SKPU-DUAL-8X3/4X50	91407	176.1

Price Per Inch for reference only; skirting is available standard in 25' (7.6 m) lengths.
Lead time: 1 working day

Shaded items are made to order.
Lead time: 1 week

Product Notes:

- Secondary seal provides a floating contact area behind the main slab to prevent spillage.
- Polyurethane 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) polyurethane with exceptional tear resistance to ensure a good seal and long belt life.
- 25' (7.6 m) roll size ensures easy transportation, while the 35° chamfer eliminates the typical skirting break-in period.
- Suitable for most applications: single direction or reversing belts, wet or dry conditions, old or new belts, vulcanized or mechanically-spliced systems.
- Rated for temperatures from -20 to 180°F (-30 to 82°C).

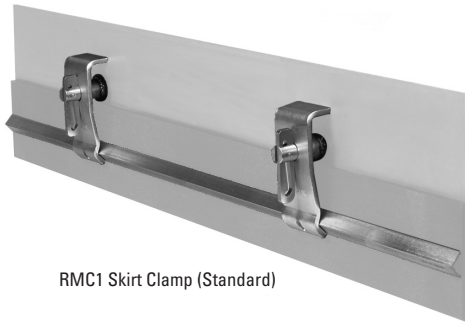
Product Ordering Information

RMC1 Skirt Clamps*

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Skirt Clamp	RMC1	75817	11.6
LS Skirt Clamp	RMC1-LS	75834	10.4
Skirt Clamp 50 Pack	RMC1-50	75833	580.0

*Includes two clamp plates (Standard or LS - Limited Space), two clamp pins, and one 4' (1.2 m) clamp bar.
Skirt board and rubber not included.
Skirt Rubber Thickness Range: 5/16 to 3/4" (8 to 19 mm).
Lead time: 1 working day

Anti-Vibration Clamp Pins

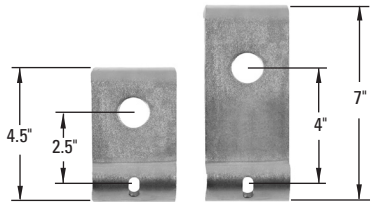


RMC1 Skirt Clamp (Standard)

Replacement Parts

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

Lead time: 1 working day



LS (Limited Space) | Standard

Two models are available to fit your conveyor requirements.

PAL PAKs

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

PAL PAKs per System Length

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

Replacement Parts

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

Lead time: 1 working day

PAL PAK (Standard)

Bolt-On PAL PAK (Standard)

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.

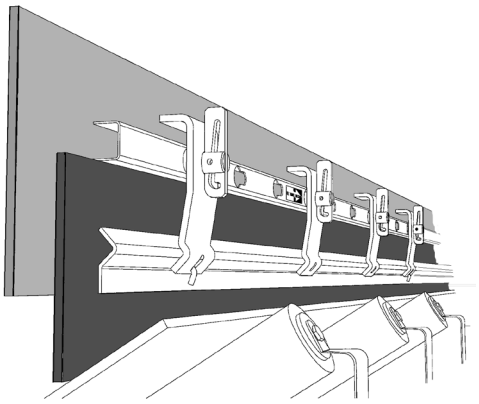
Product Ordering Information

Flex-Lok™ Skirt Clamp

One Skirt Clamp includes (1) 6' (1.8 m) clamp runner, (4) clamp plates, (4) clamp pins, and (1) 6' (1.8 m) restraining bar.

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Skirt Clamp	FLSC-I	71052	31.1
Skirt Clamp 50 Pack	FLSC-I-50	71054	1,555.0

Lead time: 1 working day



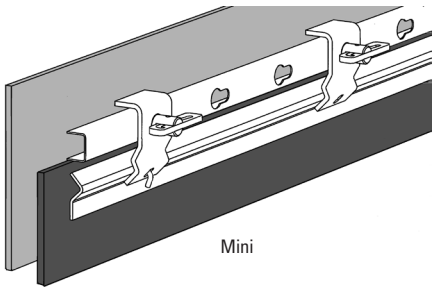
Standard

Mini Flex-Lok™ Skirt Clamp

One Mini Skirt Clamp includes (1) 6' (1.8 m) clamp runner, (3) mini clamp plates, (3) clamp pins, and (1) 6' (1.8 m) restraining bar.

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Mini Skirt Clamp	FLSCM-I	71055	27.6
Mini Skirt Clamp 50 Pack	FLSCM-I-50	71100	1,380.0

Lead time: 1 working day



Mini

Stainless Steel Flex-Lok™ Skirt Clamp

One SS Skirt Clamp includes (1) 6' (1.8 m) clamp runner, (4) clamp plates, (4) clamp pins, and (1) 6' (1.8 m) restraining bar.

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
SS Skirt Clamp	FLSC-ISS	75778	25.0

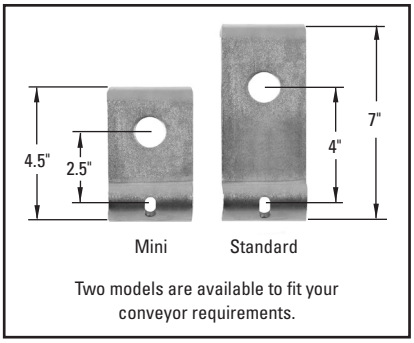
Lead time: 1 working day

Replacement Parts

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
FLEX-LOK™ SKIRT CLAMP			
Clamp Runner - 6' (1.8M)	FL-RPI	71058	7.3
Clamp Plate	FL-PC-I	71057	2.1
Clamp Pin	FL-CP-I	71141	1.9
Restraining Bar - 6' (1.8M)	FL-RBI	71060	11.3
MINI FLEX-LOK™ SKIRT CLAMP			
Clamp Runner - 6' (1.8M)	FL-RPI	71058	7.3
Mini Clamp Plate	FLM-PC	71140	1.5
Clamp Pin	FL-CP-I	71141	1.9
Restraining Bar - 6' (1.8M)	FL-RBI	71060	11.3
STAINLESS STEEL FLEX-LOK™ SKIRT CLAMP			
SS Clamp Plate	FL-PC-ISS	71168	1.9
Clamp Pin	FL-CP-ISS	71164	1.9

Skirt board & rubber not included.
Skirt rubber thickness range: 5/16–1" (8–25 mm)
Lead time: 1 working day

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



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 1/4" (6 mm) or if excessive fines are escaping, readjust the skirt rubber.
- Adjustment – Unlock the wedges on the clamp pins and slide the skirt rubber down to the belt. Relock the clamp pins.

TROUBLESHOOTING:

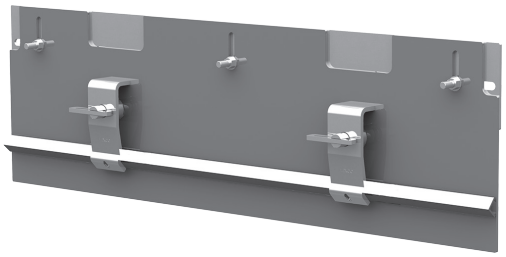
Problem: Skirt rubber slips out of skirt clamp.
Solution: 1. Check to insure wedges in clamp pins are locked.
2. Check skirt rubber position. Skirt rubber must not fold and lie on top of belt.

Product Ordering Information

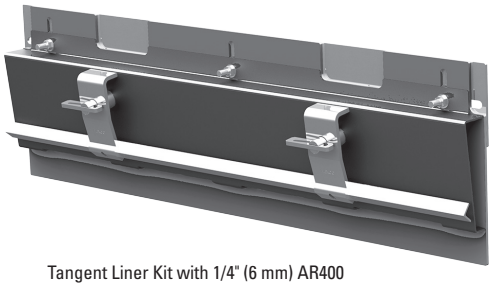
Skirt Wear Liner Kits

BELT WIDTH	HEIGHT		LENGTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm	in.	mm			
Straight Liner Kit with 1/4" (6 mm) AR400	14-1/2	368	48	1200	SLAWK-48	93115	75.2
Straight Liner Kit with 1" (25 mm) Canoe Liner	14-1/2	368	48	1200	SLUWK-48	93116	76.4
Tangent Liner Kit with 1/4" (6 mm) AR400	14-1/2	368	48	1200	TLAWK-48	93117	96.3
Tangent Liner Kit with 1" (25 mm) Canoe Liner	14-1/2	368	48	1200	TLUWK-48	93118	95.9

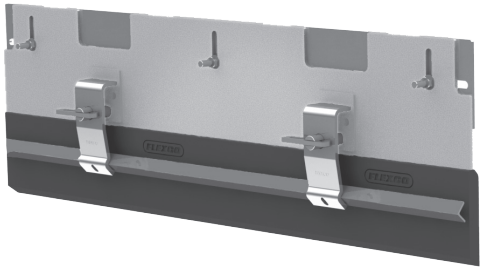
Included on 48" (1200 mm) section
Lead time: 1 working day



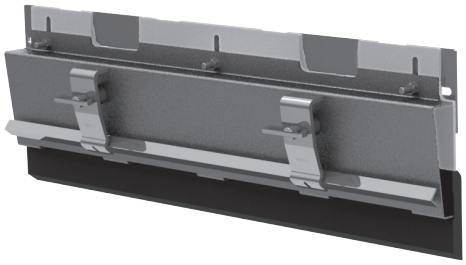
Straight Liner Kit with 1/4" (6 mm) AR400



Tangent Liner Kit with 1/4" (6 mm) AR400

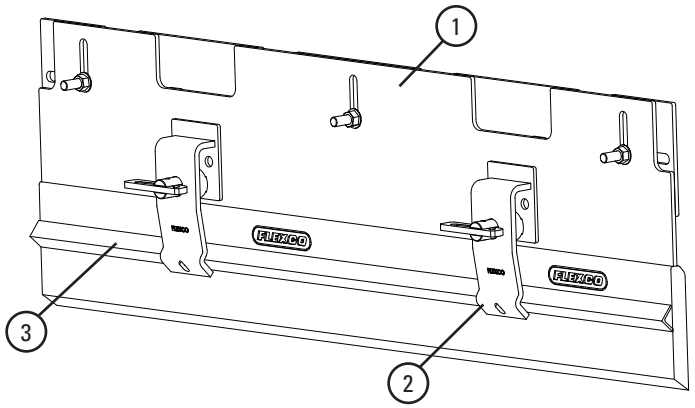


Straight Liner Kit with 1" (25 mm) Canoe Liner



Tangent Liner Kit with 1" (25 mm) Canoe Liner

Replacement Parts



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Straight Liner with 1/4" (6 mm) AR400	SL-48	91841	45.4
	Tangent Liner with 1/4" (6 mm) AR400	TL-48	91842	45.6
	Straight Liner with 1" (25 mm) Canoe Liner	SLU-48	93113	47.2
	Tangent Liner with 1" (25 mm) Canoe Liner	TLU-48	93114	45.3
2	Bolt-On Pal Pak	RMC1-BPP	76415	6.5
3	Clamp Bar	RMC1-CB	75820	4.0

Lead time: 1 working day

Product Notes:

- Solves material spillage problems in the conveyor loading zone.
- Stops material loss, eliminates safety hazards, and reduces wear on conveyor components.
- Combines new liner wall with existing Flexco Skirting Kits to provide an upgraded sealing edge.
- Wear liner adjustable from outside the chute for quick and easy service.
- With long wearing 1/4" (6 mm) AR400 plate or 1" (25 mm) Polyurethane Canoe Liner.

Product Ordering Information

Flex-Seal™ Skirt System*

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Flex-Seal Skirt System	RMC2-FS-1	76558	29.5
Flex-Seal Skirt System 50 Pack	RMC2-FS-50	77330	1,475.0

*Includes angle plate, one Bolt-On PAL PAK, and one 4' (1.2 m) clamp bar.
Skirt board and rubber not included.
Lead time: 1 working day

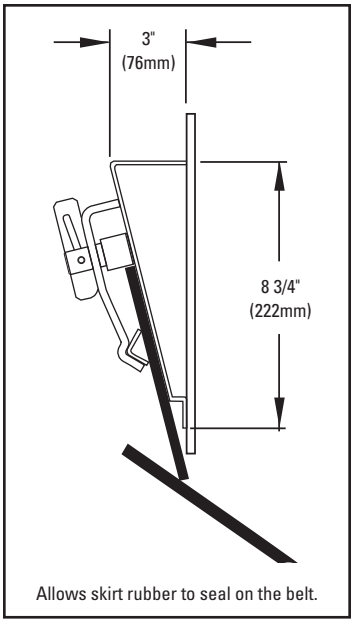
Bolt-On PAL PAK

Flex-Seal™ Skirt System

Replacement Parts

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

*Includes 2 bolt-on clamp pins and 2 clamp plates.
Lead time: 1 working day



Allows skirt rubber to seal on the belt.

Specifications:

- Skirt Rubber Width Required.....6" (150 mm)
- Skirt Rubber Thickness Range.....5/16 to 3/4" (8 to 19 mm)

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.

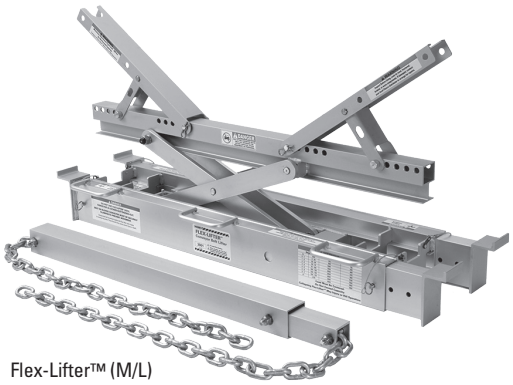
Product Ordering Information

Flex-Lifter™ Conveyor Belt Lifter

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

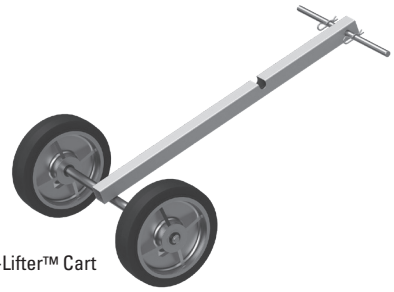
DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Medium Flex-Lifter 36–60" (900–1500mm) (incl. return bar)	FL-M	76469	91.0
Large Flex-Lifter 48–72" (1200–1800mm) (incl. return bar)	FL-L	76470	128.0
XL Flex-Lifter 72–96" (1800–2400mm) (does not incl. return bar)	FL-XL	76983	128.0
Flex-Lifter Cart	FLCK	77729	20.0

Lifts troughed or flat belts.
Lead time: 1 working day



Flex-Lifter™ (M/L)

Flex-Lifter™ (XL)



Flex-Lifter™ Cart

Safe Lifting Capacity

Height		Max. Weight			
		Medium/Large		XL	
in.	mm	lbs.	kg.	lbs.	kg.
0–1	0–25	500	225	1100	500
1–2	25–50	1000	450	1800	815
2–3	50–75	1500	675	2500	1140
3–4	75–100	2000	900	3200	1450
4–5	100–125	2500	1150	3700	1680
5–6	125–150	3000	1350	4600	2090
6–7	150–175	3500	1600	5300	2400
>7	>175	4000	1800	6000	2725

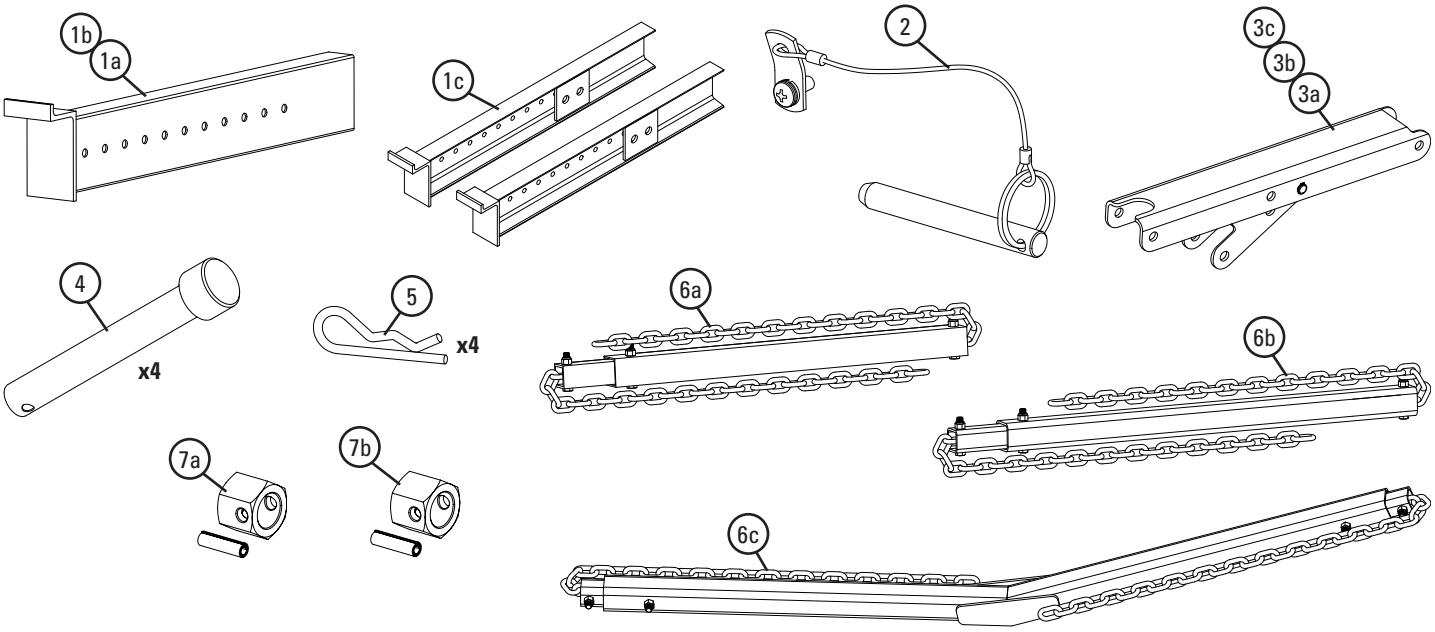
Aluminum Content Flex-Lifter

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%

Product Ordering Information

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1a	Extension Leg – Medium	FLEL-M	76472	3.1
1b	Extension Leg – Large	FLEL-L	76473	3.7
1c	Extension Leg Kit – XL (incl. 2 ext. legs)	FLELK-XL	76986	13.1
2	Extension Leg Pin (with lanyard)	FLELP	76474	0.1
3a	Trough Wing – Medium (with brace)	FLTW-M	76476	1.2
3b	Trough Wing – Large (with brace)	FLTW-L	76477	1.5
3c	Trough Wing – XL (with brace)	FLTW-XL	76985	4.2
4	Retainer Pin Pack (incl. (4) pins)	FLRP	76478	1.0
5	Retainer Clip Pack (incl. (4) clips)	FLCP	76479	0.1
6a	Return Lift Bar – Medium	FLRLB-M	76482	25.0
6b	Return Lift Bar – Large	FLRLB-L	76481	50.0
6c	V-Return Lift Bar – XL	FLVRL-XL	76984	63.0
7a	Shear Pin Kits – Medium/Large	FL-PKIT-ML	77250	0.3
7b	Shear Pin Kits – XL	FL-PKIT-XL	77251	0.5



Product Ordering Information

900 Series Belt Cutter

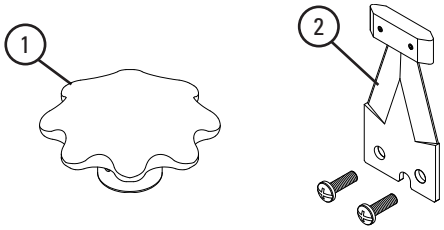
DESCRIPTION	BELT WIDTH in.	BELT WIDTH mm	ORDERING NUMBER	ITEM CODE	WT. LBS.
Cutter Complete for belts up to 1.5" (38 mm)	24	600	900924	04200	34.0
	36	900	900936	04143	39.4
	48	1200	900948	04144	48.0
	60	1500	900960	04145	54.0
	72	1800	900972	04146	60.3
	84	2130	900984	04147	86.0

Lead time: 1 working day

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Knob 8 Point Kit	900CKK	106186	0.62
2	Replacement Blade Kit	900CBK	04149	0.15

Lead time: 1 working day



Aluminum Content
900 Series Belt Cutter

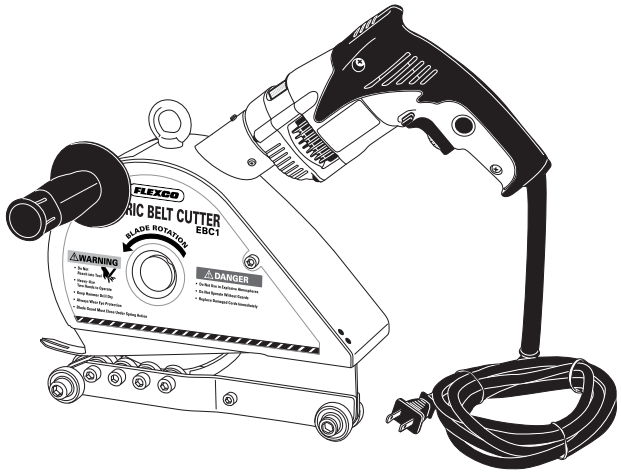
ALUMINUM ALLOY TYPE	PERCENT Mg Magnesium	PERCENT Ti Titanium
6005	0.60%	0.10%
6061	1.00%	0.00%
7075	2.50%	0.00%

Product Ordering Information

Electric Belt Cutter

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Electric Belt Cutter Complete	EBC1	30001	30.0
Electric Belt Cutter Complete	EBC2	30002	40.0
Cordless Electric Belt Cutter Complete	CEBC1	30018	30.0
Cordless Electric Belt Cutter Complete	CEBC2	30019	40.0
Electric Belt Cutter Complete 220V	EBC1-220	30011	30.0
Electric Belt Cutter Complete 220V	EBC2-220	30012	40.0
Cordless Electric Belt Cutter Complete 220V	CEBC1-220	30021	30.0
Cordless Electric Belt Cutter Complete 220V	CEBC2-220	30022	40.0

Lead time: 1 working day



Electric Belt Cutter – Tool Repair

DESCRIPTION	ITEM CODE
EBC1 – REFURBISH	30001RPR
EBC2 – REFURBISH	30002RPR
CEBC1 – REFURBISH	30018RPR
CEBC2 – REFURBISH	30019RPR

NOTE: PLEASE DO NOT SEND REPAIR TOOLS WITH BATTERIES. Due to the US Dept of Transportation rules, Flexco is unable to ship used batteries back to customers and they will be disposed. Contact Customer Experience to request a tool repair. Additional charges may apply depending on the extent of the repair. Flexco Customer Experience will advise prior to any work.

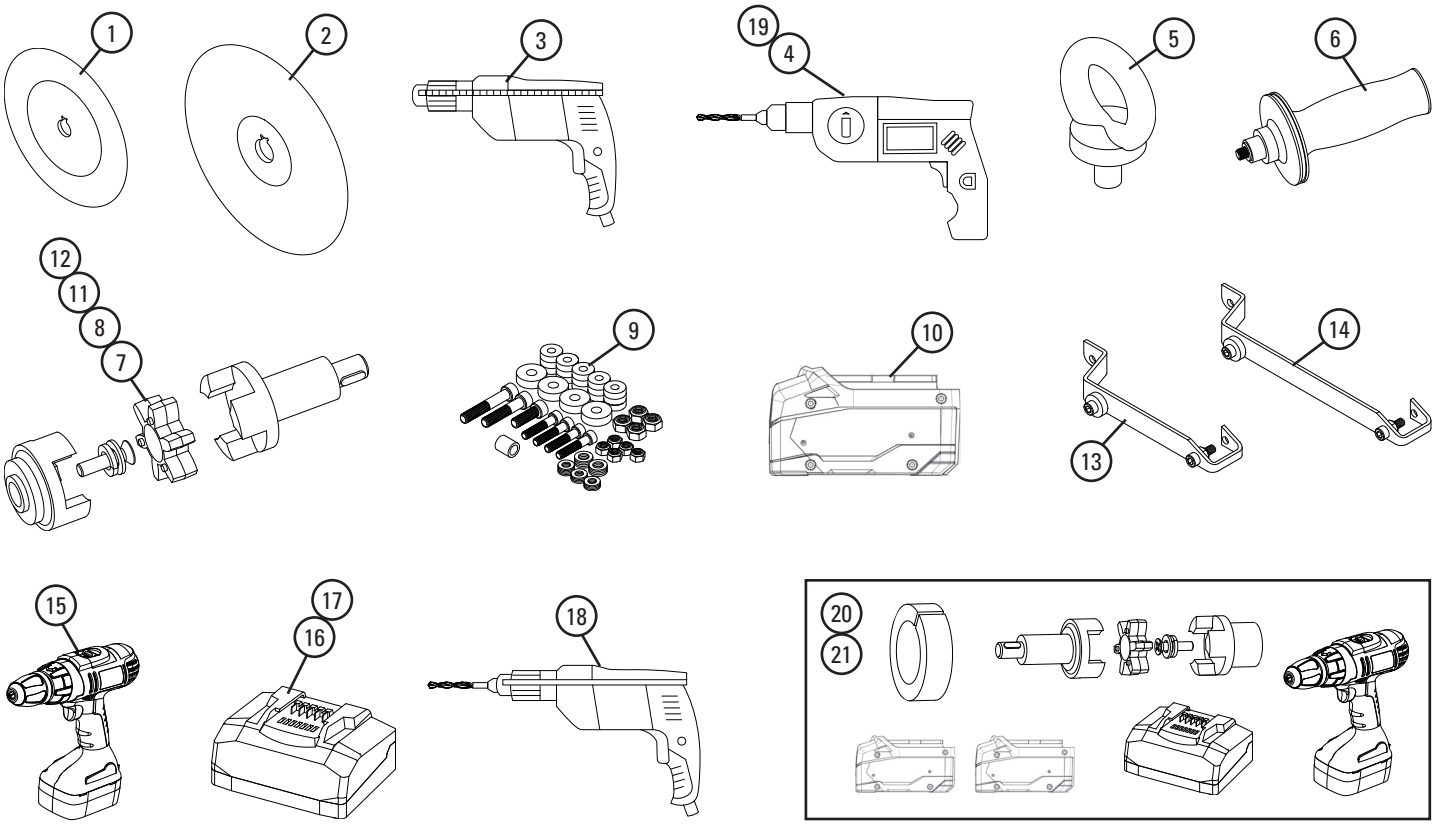
Cutting Capacity

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

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	EBC1/CEBC1 Blade	EBC1/CEBC1-B	30003	2
2	EBC2/CEBC2 Blade	EBC2/CEBC2-B	30004	2.8
3	EBC1 Drill Milwaukee	EBC1-DR	30005	7.5
4	EBC2 Drill Metabo	EBC2-DR	30006	12.1
5	Eye Bolt	EBC/CEBC-EB	30007	0.9
6	Handle	EBC/CEBC-H	30008	0.4
7	EBC1 Coupling	EBC1-CPLGM	108047	0.2
8	EBC2 Coupling	EBC2-CPLGM	108048	0.2
9	Bearing RPLC Kit	EBC/CEBC-BK	30024	1.1
10	CEBC1/CEBC2 Battery Metabo	CEBC1/CEBC2-BATMET	111390	1.5
11	EBC1/CEBC1 Coupling	CEBC1-CPLGM	108045	0.2
12	EBC2/CEBC2 Coupling	CEBC2-CPLGM	108046	0.2
13	EBC1/CEBC1 Retro Fit Rail Kit	EBC1/CEBC1-RK	30033	1.3
14	EBC2/CEBC2 Retro Fit Rail Kit	EBC2/CEBC2-RK	30034	1.6
15	CEBC1/CEBC2 Metabo Drill	CEBC1/CEBC2-DRM	108043	4
16	CEBC1/CEBC2 Charger Metabo	METABO-CHGR110	30369	1.3
17	CEBC1-220/CEBC2-220 Charger Metabo	METABO-CHGR220	114974	1.3
18	EBC1-220 Drill Hitachi	EBC1-220-DR	30013	7.5
19	EBC2-220 Drill Metabo	EBC2-220-DR	30014	12.1
20	CEBC1 Makita XPH03MB to Metabo Upgrade (incl. (1) ea. item 15, 16 & (2) ea. item 10, coupling, & collar)	CEBC1-DUK	108384	4.5
21	CEBC2 Makita XFD03M to Metabo Upgrade (incl. (1) ea. item 15, 16 & (2) ea. item 10, coupling, & collar)	CEBC2-DUK	108385	4.5

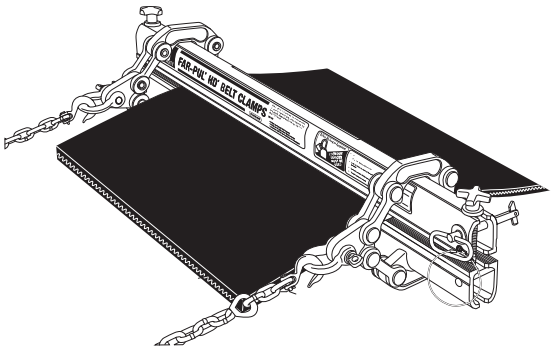
Lead time: 1 working day



Product Ordering Information

Far-Pul™ HD® Belt Clamps

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



DESCRIPTION	BELT WIDTH in.	BELT WIDTH mm	ORDERING NUMBER	ITEM CODE	WT. LBS.
Belt Clamp Complete includes: 4 Belt Clamp Bars, 4 Belt Clamp Scissors	Up to 30	Up to 750	LSHD30	30393	79.0
	Up to 36	Up to 900	LSHD36	30394	87.0
	Up to 42	Up to 1050	LSHD42	30395	91.0
	Up to 48	Up to 1200	LSHD48	30396	98.0
	Up to 54	Up to 1350	LSHD54	30397	103.0
	Up to 60	Up to 1500	LSHD60	30398	110.0
	Up to 72	Up to 1800	LSHD72	30399	121.0
30" Belt Clamp Bar Set*	Up to 30	Up to 750	LSHDB30-2	30418	20.0
36" Belt Clamp Bar Set*	Up to 36	Up to 900	LSHDB36-2	30414	23.0
42" Belt Clamp Bar Set*	Up to 42	Up to 1050	LSHDB42-2	30421	26.0
48" Belt Clamp Bar Set*	Up to 48	Up to 1200	LSHDB48-2	30423	30.0
54" Belt Clamp Bar Set*	Up to 54	Up to 1350	LSHDB54-2	30424	33.0
60" Belt Clamp Bar Set*	Up to 60	Up to 1500	LSHDB60-2	30430	36.0
72" Belt Clamp Bar Set*	Up to 72	Up to 1800	LSHDB72-2	30408	40.0

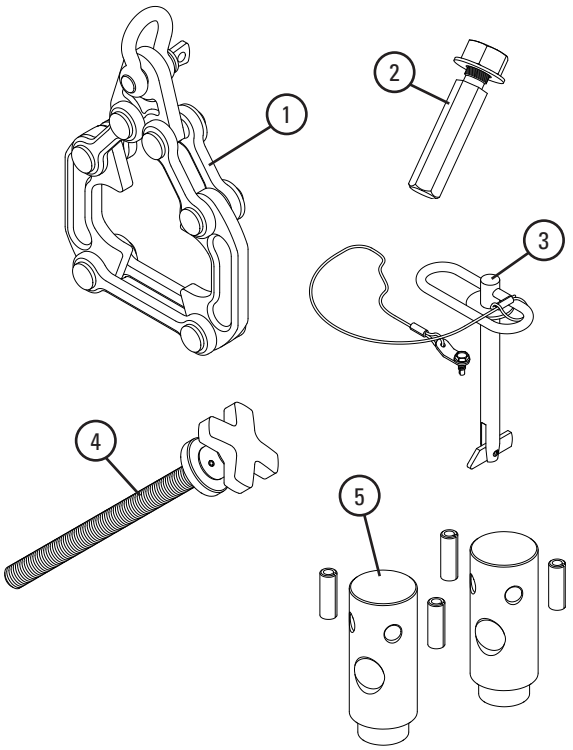
*Includes 2 bars per set
Bar length = belt width + 10" (250 mm)

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Steel Belt Clamp Scissor (1 ea.)	LSHDS	30392	10.5
2	Belt Locator Pin (incl. washer, locking nut)	LSHDLP	30400	0.15
3	Retaining Pin Kit	LSHD-RPK	30390	2.0
4	Clamp Bar Screw	LSHDCBS	30373	1.0
5	Clamp Bar Pivot Pin (Pair) (incl. (2) roll pin)	LSHDPP	30052	1.0

Lead time: 1 working day

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



Aluminum Content Far-Pul™ HD®

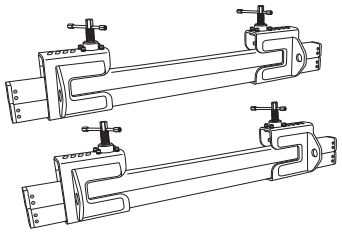
ALUMINUM ALLOY TYPE	PERCENT Mg Magnesium	PERCENT Ti Titanium
6061	1.0%	0.0%

Product Ordering Information

TUG™ HD® Belt Clamps

DESCRIPTION	MAX. BELT WIDTH		6 TON			8 TON		
	in.	mm	ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
TUG™ HD® Belt Clamp set includes 4 aluminum clamp bars and steel clamp ends.	36	900	TUG6-36-AL	31700	134.0	TUG8-36-AL	31706	178.0
	42	1050	TUG6-42-AL	31701	141.0	TUG8-42-AL	31707	189.0
	48	1200	TUG6-48-AL	31702	148.0	TUG8-48-AL	31708	200.0
	54	1400	TUG6-54-AL	31703	155.0	TUG8-54-AL	31709	211.0
	60	1600	TUG6-60-AL	31704	162.0	TUG8-60-AL	31710	222.0
	72	1800	TUG6-72-AL	31705	176.0	TUG8-72-AL	31711	244.0
	84	2200	N/A			TUG8-84-AL	31712	266.0
	96	2400	N/A			TUG8-96-AL	31713	288.0

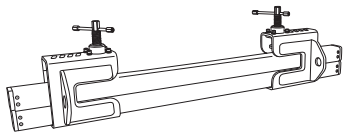
Lead time: 1 working day



Replacement Clamps - Pair

DESCRIPTION	MAX. BELT WIDTH		6 TON			8 TON		
	in.	mm	ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
TUG™ HD® Belt Clamp pair includes 2 aluminum clamp bars and steel clamp ends.	36	900	TUG6P-36-AL	31714	67.0	TUG8P-36-AL	31720	89.0
	42	1050	TUG6P-42-AL	31715	71.0	TUG8P-42-AL	31721	95.0
	48	1200	TUG6P-48-AL	31716	74.0	TUG8P-48-AL	31722	100.0
	54	1400	TUG6P-54-AL	31717	78.0	TUG8P-54-AL	31723	106.0
	60	1600	TUG6P-60-AL	31718	81.0	TUG8P-60-AL	31724	111.0
	72	1800	TUG6P-72-AL	31719	88.0	TUG8P-72-AL	31725	122.0
	84	2200	N/A			TUG8P-84-AL	31726	133.0
	96	2400	N/A			TUG8P-96-AL	31727	144.0

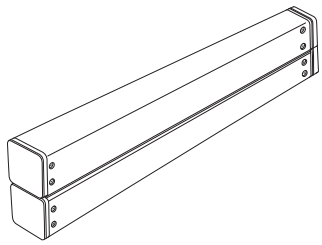
Lead time: 1 working day



Replacement Bars - Pair

DESCRIPTION	MAX. BELT WIDTH		6 TON			8 TON		
	in.	mm	ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
TUG™ HD® Belt Clamps pair replacement bars includes 2 aluminum clamp bars.	12	300	TUG6B-12-AL	31728	7.0	TUG8B-12-AL	31735	11.0
	36	900	TUG6B-36-AL	31729	21.0	TUG8B-36-AL	31736	33.0
	42	1050	TUG6B-42-AL	31730	25.0	TUG8B-42-AL	31737	39.0
	48	1200	TUG6B-48-AL	31731	28.0	TUG8B-48-AL	31738	44.0
	54	1400	TUG6B-54-AL	31732	32.0	TUG8B-54-AL	31739	50.0
	60	1600	TUG6B-60-AL	31733	35.0	TUG8B-60-AL	31740	55.0
	72	1800	TUG6B-72-AL	31734	42.0	TUG8B-72-AL	31741	66.0
	84	2200	N/A			TUG8B-84-AL	31742	77.0
	96	2400	N/A			TUG8B-96-AL	31743	88.0

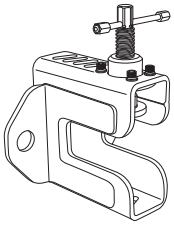
Lead time: 1 working day



Replacement Clamp Ends

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
TUG™ HD® Clamp End replacement include 1 steel clamp end.	TUG6E	31744	23.0
	TUG8E	31747	28.0

Lead time: 1 working day



Aluminum Content TUG™ HD® Belt Clamps

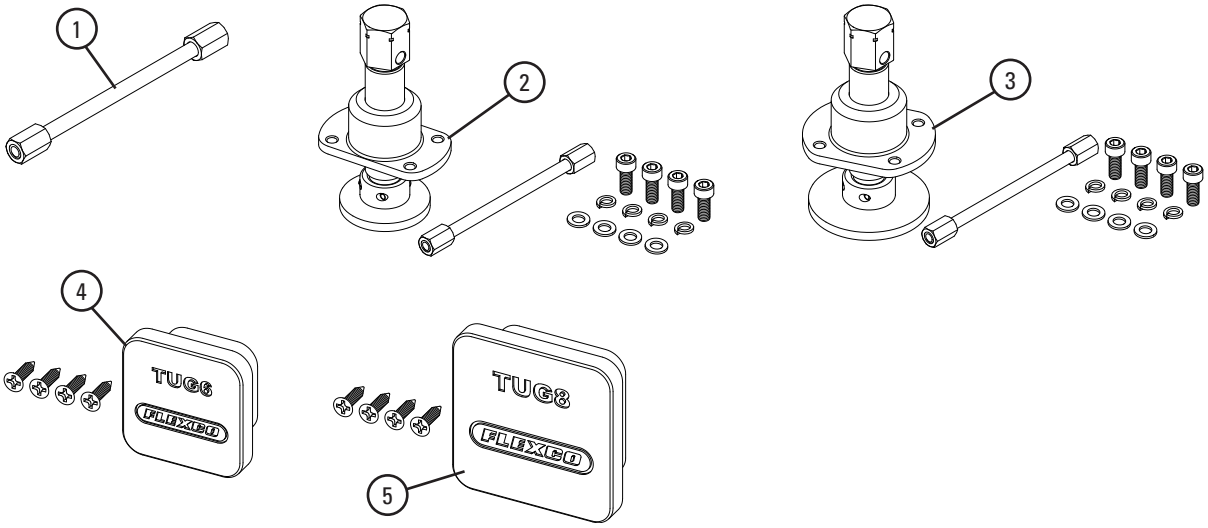
ALUMINUM ALLOY TYPE	PERCENT	
	Mg Magnesium	Ti Titanium
6061	1.00%	0%

Product Ordering Information

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Tug Clamp Turn Handle	TUGH	31792	0.5
2	Tug 6 Clamp Screw	TUG6S	31793	3.0
3	Tug 8 Clamp Screw	TUG8S	31794	3.4
4	Tug 6 End Cap	TUG6C	31798	0.8
5	Tug 8 End Cap	TUG8C	31799	1.0

Lead time: 1 working day



Product Ordering Information

Flex-Lag® Light Duty Rubber*

PATTERN	THICKNESS in.	THICKNESS mm	LENGTH ft.	LENGTH m	MATERIAL	ORDERING NUMBER	ITEM CODE
Light Duty	0.3	7.5	11	3.3	SBR	7.5NLD3.3/11	71077

Lead time: 1 working day

Flex-Lag® Roll Lagging - SBR Rubber**

PATTERN	THICKNESS in.	THICKNESS mm	LENGTH ft.	LENGTH m	ORDERING NUMBER	ITEM CODE
Diamond	3/8	10	21	6.5	10ND6.5/21	71002
Diamond	1/2	12	21	6.5	12ND6.5/21	71004
Diamond	5/8	15	21	6.5	15ND6.5/21	71006
Diamond	3/4	20	21	6.5	20ND6.5/21	71008
Diamond	1	25	21	6.5	25ND6.5/21	71152
Plain	3/8	10	21	6.5	10NP6.5/21	71010
Plain	1/2	12	21	6.5	12NP6.5/21	71012
Plain	5/8	15	21	6.5	15NP6.5/21	71017
Plain	3/4	20	21	6.5	20NP6.5/21	71021
Plain	1	25	21	6.5	25NP6.5/21	71163
Diamond Ceramic	1/2	12	21	6.5	12NDC6.5/21	71155
Medium Ceramic	5/8	15	21	6.5	CLMN6.5/21-15	62216

Lead time: 1 working day

Flex-Lag® Roll Lagging - FRAS Rubber**

PATTERN	THICKNESS in.	THICKNESS mm	LENGTH ft.	LENGTH m	ORDERING NUMBER	ITEM CODE
Diamond	3/8	10	21	6.5	10FRD6.5/21	71014
Diamond	1/2	12	21	6.5	12FRD6.5/21	71016
Diamond	5/8	15	21	6.5	15FRD6.5/21	71018
Diamond	3/4	20	21	6.5	20FRD6.5/21	71019
Plain	3/8	10	21	6.5	10FRP6.5/21	71020
Plain	1/2	12	21	6.5	12FRP6.5/21	71022
Plain	5/8	15	21	6.5	15FRP6.5/21	71015
Plain	3/4	20	21	6.5	20FRP6.5/21	72129
Diamond Ceramic	1/2	12	21	6.5	12FRDC6.5/21	71159
Medium Ceramic	5/8	15	21	6.5	CLMFR6.5/21-15	61319

FRAS (Fire Resistant Anti Static) MSHA Certification # - MSHA NO. IC-190
Ordering Number Key: **N** - SBR, **FR** - FRAS, **P** - Plain, **D** - Diamond, **DC** - Diamond Ceramic, **LD**- Light Duty
Lead time: 1 working day

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

Strips = Pulley Diameter (in) x 3.14 ÷ 8, then round up.

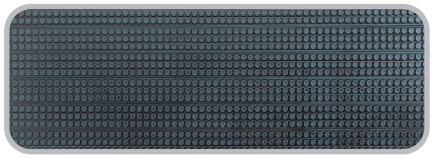
$$\text{Rolls} = \frac{\text{Strips} \times (\text{Face Width} + 4")}{\text{A or B}}$$

A = Light Duty = 132"; B = All Others = 252"

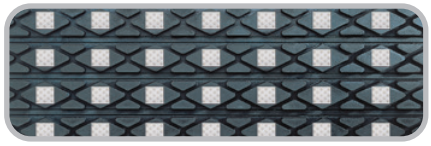
*For Flex-Lag® Light Duty Rubber all material is 8" (200 mm) wide and 10.8' (3.3 m) rolls.

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

Flex-Lag® Light Duty Rubber Lagging



Flex-Lag® Diamond Ceramic Lagging



Flex-Lag® Diamond Grooved Rubber Lagging

Flex-Lag® Plain Grooved Rubber Lagging

Strip Selection

PULLEY DIAMETER in.	PULLEY DIAMETER mm	STRIPS REQ'D	PULLEY DIAMETER in.	PULLEY DIAMETER mm	STRIPS REQ'D
12.6–15.0	320–381	6	42.6–45.0	1083–1145	18
15.1–17.5	382–445	7	45.1–47.5	1146–1210	19
17.6–20.0	446–510	8	47.6–50.1	1211–1273	20
20.1–22.5	511–573	9	50.2–52.6	1274–1336	21
22.6–25.0	574–636	10	52.7–55.1	1337–1400	22
25.1–27.5	637–700	11	55.2–57.6	1403–1463	23
27.6–30.0	701–764	12	57.7–60.1	1466–1527	24
30.1–32.5	765–827	13	60.2–62.6	1529–1590	25
32.6–35.0	828–891	14	62.7–65.1	1593–1654	26
35.1–37.5	892–955	15	65.2–67.6	1656–1717	27
37.6–40.0	956–1018	16	67.7–70.1	1720–1781	28
40.1–42.5	1019–1082	17	70.2–72.6	1783–1844	29

Specifications:

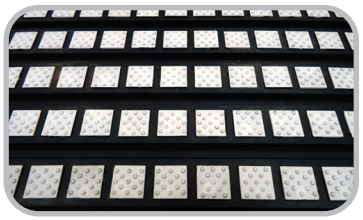
- Temperature Rating ..... 5 to 185°F (-15 to 85°C)
- Rubber Compound..... SBR (Styrene-Butadiene-Rubber)
- Rubber Hardness..... 68 ± 3 Shore A
- Ceramic Compound
  (Diamond Ceramic Lagging) ..... Aluminum Oxide (Al_2O_3)
- Ceramic Hardness
  (Diamond Ceramic Lagging) ..... 83 HRA Rockwell Hardness Scale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

Product Ordering Information

Flex-Lag® Medium Ceramic Lagging - SBR Rubber

THICKNESS		BELT WIDTH		CERAMIC LENGTH		STRIP LENGTH		DIMPLED TILE		SMOOTH TILE	
								ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE
in.	mm	in.	mm	in.	mm	in.	mm				
5/8	15	18	450	18 5/8	474	35	880	CLMN450/18-15	61294	CLMN450/18-15S	62052
		24	600	24 5/8	626	41	1032	CLMN600/24-15	61295	CLMN600/24-15S	62053
		30	750	30 5/8	779	47	1185	CLMN750/30-15	61296	CLMN750/30-15S	62054
		36	900	36 5/8	931	53	1337	CLMN900/36-15	61297	CLMN900/36-15S	62055
		42	1050	42 5/8	1082	59	1488	CLMN1050/42-15	61298	CLMN1050/42-15S	62056
		48	1200	48 5/8	1235	65	1641	CLMN1200/48-15	61299	CLMN1200/48-15S	62057
		54	1350	54 5/8	1388	71	1794	CLMN1350/54-15	61300	CLMN1350/54-15S	62058
		60	1500	60 5/8	1541	77	1947	CLMN1500/60-15	61301	CLMN1500/60-15S	62059
		72	1800	72 5/8	1842	89	2248	CLMN1800/72-15	61302	CLMN1800/72-15S	62060
		84	2100	84 7/8	2155	101	2561	CLMN2100/84-15	61303	CLMN2100/84-15S	62061

Lead time: 1 working day



Flex-Lag® Medium Ceramic Lagging

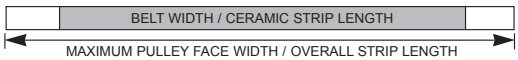
Flex-Lag® Medium Ceramic Lagging - FRAS Rubber

THICKNESS		BELT WIDTH		CERAMIC LENGTH		STRIP LENGTH		DIMPLED TILE		SMOOTH TILE	
								ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE
in.	mm	in.	mm	in.	mm	in.	mm				
5/8	15	18	450	18 5/8	474	35	880	CLMFR450/18-15	61308	CLMFR450/18-15S	62063
		24	600	24 5/8	626	41	1032	CLMFR600/24-15	61309	CLMFR600/24-15S	62064
		30	750	30 5/8	779	47	1185	CLMFR750/30-15	61310	CLMFR750/30-15S	62065
		36	900	36 5/8	931	53	1337	CLMFR900/36-15	61311	CLMFR900/36-15S	62066
		42	1050	42 5/8	1082	59	1488	CLMFR1050/42-15	61312	CLMFR1050/42-15S	62067
		48	1200	48 5/8	1235	65	1641	CLMFR1200/48-15	61313	CLMFR1200/48-15S	62068
		54	1350	54 5/8	1388	71	1794	CLMFR1350/54-15	61314	CLMFR1350/54-15S	62069
		60	1500	60 5/8	1541	77	1947	CLMFR1500/60-15	61315	CLMFR1500/60-15S	62070
		72	1800	72 5/8	1842	89	2248	CLMFR1800/72-15	61316	CLMFR1800/72-15S	62071
		84	2100	84 7/8	2155	101	2561	CLMFR2100/84-15	61317	CLMFR2100/84-15S	62072

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

CERAMIC STRIP CONFIGURATION



Strips Required = Pulley Diameter (in) x 3.14 ÷ 8, then round up.

Specifications:

- Temperature Rating ..... 5 to 185°F (-15 to 85°C)
- 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..... 39%, strips are 8" (200 mm) 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.

Strip Selection

PULLEY DIAMETER		STRIPS	PULLEY DIAMETER		STRIPS
in.	mm	REQ'D	in.	mm	REQ'D
12.6–15.0	320–381	6	42.6–45.0	1083–1145	18
15.1–17.5	382–445	7	45.1–47.5	1146–1210	19
17.6–20.0	446–510	8	47.6–50.1	1211–1273	20
20.1–22.5	511–573	9	50.2–52.6	1274–1336	21
22.6–25.0	574–636	10	52.7–55.1	1337–1400	22
25.1–27.5	637–700	11	55.2–57.6	1403–1463	23
27.6–30.0	701–764	12	57.7–60.1	1466–1527	24
30.1–32.5	765–827	13	60.2–62.6	1529–1590	25
32.6–35.0	828–891	14	62.7–65.1	1593–1654	26
35.1–37.5	892–955	15	65.2–67.6	1656–1717	27
37.6–40.0	956–1018	16	67.7–70.1	1720–1781	28
40.1–42.5	1019–1082	17	70.2–72.6	1783–1844	29

Product Ordering Information

Flex-Lag® Full Ceramic Lagging - SBR Rubber

THICKNESS		BELT WIDTH		CERAMIC LENGTH		STRIP LENGTH		DIMPLED TILE		SMOOTH TILE	
								ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE
in.	mm	in.	mm	in.	mm	in.	mm				
1/2	12	18	450	18 1/2	460	34	860	CLN460/18.4-12	71111	CLN460/18.4-12S	79383
1/2	12	24	600	24	600	40	1000	CLN600/24-12	71112	CLN600/24-12S	79384
1/2	12	30	750	30 1/2	760	46	1160	CLN760/30.4-12	71113	CLN760/30.4-12S	79385
1/2	12	36	900	36	900	52	1300	CLN900/36-12	71115	CLN900/36-12S	79387
1/2	12	42	1050	42 1/2	1060	60	1500	CLN1060/42.4-12	71116	CLN1060/42.4-12S	79388
1/2	12	48	1200	48	1200	64	1600	CLN1200/48-12	71039	CLN1200/48-12S	79389
1/2	12	54	1350	54 1/2	1360	72	1800	CLN1360/54.4-12	71126	CLN1360/54.4-12S	79390
1/2	12	60	1500	60 3/4	1520	80	2000	CLN1520/60.8-12	71127	CLN1520/60.8-12S	79392
1/2	12	72	1800	72	1800	92	2300	CLN1800/72-12	71042	CLN1800/72-12S	79395
1/2	12	84	2100	84	2100	104	2600	CLN2100/84-12	71044	CLN2100/84-12S	79398

Lead time: 1 working day

Special Offerings

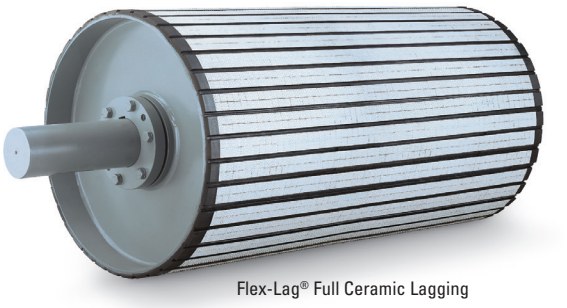
LAGGING THICKNESS	PRICE COMPARED TO NATURAL RUBBER
5/8" (15mm)	+5%
3/4" (20mm)	+7 1/2%
1" (25mm)	+15%

Flex-Lag® Full Ceramic Lagging - FRAS Rubber

THICKNESS		BELT WIDTH		CERAMIC LENGTH		STRIP LENGTH		DIMPLED TILE		SMOOTH TILE	
								ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE
in.	mm	in.	mm	in.	mm	in.	mm				
1/2	12	18	450	18 1/2	460	34	860	CLFR460/18.4-12	71118	CLFR460/18.4-12S	79406
1/2	12	24	600	24	600	40	1000	CLFR600/24-12	71119	CLFR600/24-12S	79407
1/2	12	30	750	30 1/2	760	46	1160	CLFR760/30.4-12	71120	CLFR760/30.4-12S	79408
1/2	12	36	900	36	900	52	1300	CLFR900/36-12	71122	CLFR900/36-12S	79410
1/2	12	42	1050	42 1/2	1060	60	1500	CLFR1060/42.4-12	71123	CLFR1060/42.4-12S	79411
1/2	12	48	1200	48	1200	64	1600	CLFR1200/48-12	71005	CLFR1200/48-12S	79412
1/2	12	54	1350	54 1/2	1360	72	1800	CLFR1360/54.4-12	A1636	CLFR1360/54.4-12S	79413
1/2	12	60	1500	60 3/4	1520	80	2000	CLFR1520/60.8-12	71009	CLFR1520/60.8-12S	79415
1/2	12	72	1800	72	1800	92	2300	CLFR1800/72-12	71079	CLFR1800/72-12S	79418
1/2	12	84	2100	84	2100	104	2600	CLFR2100/84-12	71082	CLFR2100/84-12S	79421

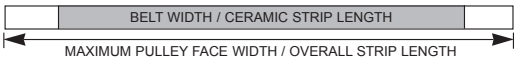
FRAS (Fire Resistant Anti Static) MSHA Certification # - MSHA NO. IC-190
Ordering Number Key: **N** - SBR, **FR** - FRAS
Lead time: 1 working day

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



Flex-Lag® Full Ceramic Lagging

CERAMIC STRIP CONFIGURATION



Strips Required = Pulley Diameter (in) x 3.14 ÷ 8, then round up.

Strip Selection

PULLEY DIAMETER		STRIPS REQ'D	PULLEY DIAMETER		STRIPS REQ'D
in.	mm		in.	mm	
12.6–15.0	320–381	6	42.6–45.0	1083–1145	18
15.1–17.5	382–445	7	45.1–47.5	1146–1210	19
17.6–20.0	446–510	8	47.6–50.1	1211–1273	20
20.1–22.5	511–573	9	50.2–52.6	1274–1336	21
22.6–25.0	574–636	10	52.7–55.1	1337–1400	22
25.1–27.5	637–700	11	55.2–57.6	1403–1463	23
27.6–30.0	701–764	12	57.7–60.1	1466–1527	24
30.1–32.5	765–827	13	60.2–62.6	1529–1590	25
32.6–35.0	828–891	14	62.7–65.1	1593–1654	26
35.1–37.5	892–955	15	65.2–67.6	1656–1717	27
37.6–40.0	956–1018	16	67.7–70.1	1720–1781	28
40.1–42.5	1019–1082	17	70.2–72.6	1783–1844	29

Specifications:

- Temperature Rating ..... 5 to 185°F (-15 to 85°C)
- 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 8" (200 mm) wide

Product Ordering Information

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) (Covers 1,000 in²/.645 m²)

PULLEY DIAMETER			FACE WIDTH																					
	In.		10	14	18	22	26	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90
		mm	254	356	457	559	660	762	864	965	1067	1168	1270	1372	1473	1575	1676	1778	1880	1981	2083	2184	2286
	8	203	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3
	12	305	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4
	16	406	2	2	2	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	5	5	5
	20	508	2	2	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6
	24	610	2	2	2	2	2	3	3	3	4	4	4	5	5	5	5	6	6	6	7	7	7
	28	711	2	2	2	2	3	3	3	4	4	5	5	5	6	6	6	7	7	7	8	8	8
	32	813	2	2	2	3	3	4	4	4	5	5	6	6	6	7	7	8	8	8	9	9	10
	36	914	2	2	3	3	3	4	4	5	5	6	6	7	7	8	8	8	9	9	10	10	11
	40	1016	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12
	44	1118	2	2	3	4	4	5	5	6	6	7	7	8	9	9	10	10	11	11	12	12	13
	48	1219	2	3	3	4	4	5	6	6	7	7	8	9	9	10	10	11	12	12	13	13	14
	52	1321	2	3	3	4	5	5	6	7	7	8	9	9	10	11	11	12	13	13	14	15	15
	56	1422	2	3	4	4	5	6	6	7	8	9	9	10	11	11	12	13	14	14	15	16	16
	60	1524	2	3	4	5	5	6	7	8	8	9	10	11	11	12	13	14	14	15	16	17	17

PRIMER .75L (Covers 10,000 in²/6.45 m²)

PULLEY DIAMETER			FACE WIDTH																					
	In.		10	14	18	22	26	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90
		mm	254	356	457	559	660	762	864	965	1067	1168	1270	1372	1473	1575	1676	1778	1880	1981	2083	2184	2286
	8	203	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	12	305	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	16	406	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	20	508	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	24	610	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	28	711	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	32	813	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	36	914	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	40	1016	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
	44	1118	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2
	48	1219	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2
	52	1321	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
	56	1422	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
	60	1524	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2

Flex-Lag® Toolbox

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. (LBS)
With Power Tools	LAGGING-TB	79080	32.0
Without Power Tools	LAGGING-TB2	79099	20.0

Both Include:

- 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:

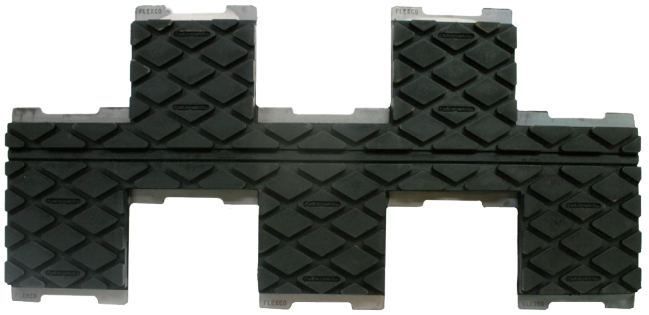
- Air hammer kit
- Grinder
- 24-grit flap disc
- Metal grinding disc
- Rubber buffing disc
- Oscillating tool and accessories

Product Ordering Information

Strips Required = Pulley Diameter (in) ÷ 2, then round down.

Strip Selection Chart

PULLEY DIAMETER		STRIPS REQ'D
in.	mm	
16	400	8
18	450	9
24	600	12
30	750	15
36	900	18
42	1050	21
48	1200	24
54	1350	27
60	1500	30
72	1800	36



Flex-Lag® Weld-On™ Rubber Lagging

Flex-Lag® Weld-On™ Diamond Lagging - SBR Rubber

BELT WIDTH		STRIP LENGTH		PULLEY DIAMETER 16–29" (400–725mm)		PULLEY DIAMETER 30" + (750mm +)	
				ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE
in.	mm	in.	mm				
18	450	20	500	WND18-16	72169	WND18-30	72170
24	600	26	650	WND24-16	72171	WND24-30	72172
30	750	32	800	WND30-16	72173	WND30-30	72174
36	900	38	950	WND36-16	72175	WND36-30	72176
42	1050	44	1100	WND42-16	72177	WND42-30	72178
48	1200	51	1275	WND48-16	72179	WND48-30	72180
54	1350	57	1425	WND54-16	72181	WND54-30	72182
60	1500	63	1575	WND60-16	72183	WND60-30	72184
72	1800	75	1875	WND72-16	72185	WND72-30	72186

Flex-Lag® Weld-On™ Diamond Lagging - FRAS Rubber

BELT WIDTH		STRIP LENGTH		PULLEY DIAMETER 16–29" (400–725mm)		PULLEY DIAMETER 30" + (750mm +)	
				ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE
in.	mm	in.	mm				
18	450	20	500	WFRD18-16	72187	WFRD18-30	72188
24	600	26	650	WFRD24-16	72189	WFRD24-30	72190
30	750	32	800	WFRD30-16	72191	WFRD30-30	72192
36	900	38	950	WFRD36-16	72193	WFRD36-30	72194
42	1050	44	1100	WFRD42-16	72195	WFRD42-30	72196
48	1200	51	1275	WFRD48-16	72197	WFRD48-30	72198
54	1350	57	1425	WFRD54-16	72199	WFRD54-30	72200
60	1500	63	1575	WFRD60-16	72201	WFRD60-30	72202
72	1800	75	1875	WFRD72-16	72203	WFRD72-30	72204

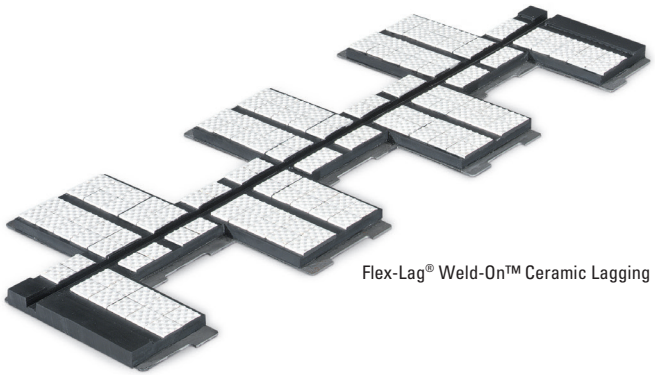
FRAS (Fire Resistant Anti Static) MSHA Certification # - MSHA NO. IC-190

Product Ordering Information

Strips Required = Pulley Diameter (in) ÷ 2, then round down.

Strip Selection Chart

PULLEY DIAMETER		STRIPS REQ'D
in.	mm	
16	400	8
18	450	9
24	600	12
30	750	15
36	900	18
42	1050	21
48	1200	24
54	1350	27
60	1500	30
72	1800	36



Flex-Lag® Weld-On™ Ceramic Lagging

Flex-Lag® Weld-On™ Full Ceramic Lagging - SBR Rubber

BELT WIDTH		STRIP LENGTH		PULLEY DIAMETER 16–29" (400–725mm)		PULLEY DIAMETER 30" + (750mm +)	
in.	mm	in.	mm	ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE
18	450	20	500	WCLN18-16	71131	-	-
24	600	26	650	WCLN24-16	71132	WCLN24-30	71150
30	750	32	800	WCLN30-16	71133	WCLN30-30	71134
36	900	38	950	WCLN36-16	71135	WCLN36-30	71136
42	1050	44	1100	WCLN42-16	71137	WCLN42-30	71138
48	1200	51	1275	WCLN48-16	71139	WCLN48-30	71144
54	1350	57	1425	WCLN54-16	71149	WCLN54-30	71145
60	1500	63	1575	WCLN60-16	71165	WCLN60-30	71146
72	1800	75	1875	WCLN72-16	71151	WCLN72-30	71147

Index *by Item Code*

ITEM CODE	ORDERING NUMBER	PAGE	ITEM CODE	ORDERING NUMBER	PAGE	ITEM CODE	ORDERING NUMBER	PAGE	ITEM CODE	ORDERING NUMBER	PAGE
A1636	CLFR1360/54.4-12	251	31728	TUG6B-12-AL	247	71014	10FRD6.5/21	249	72181	WND54-16	253
04143	900936	243	31729	TUG6B-36-AL	247	71015	15FRP6.5/21	249	72182	WND54-30	253
04144	900948	243	31730	TUG6B-42-AL	247	71016	12FRD6.5/21	249	72183	WND60-16	253
04145	900960	243	31731	TUG6B-48-AL	247	71017	15NP6.5/21	249	72184	WND60-30	253
04146	900972	243	31732	TUG6B-54-AL	247	71018	15FRD6.5/21	249	72185	WND72-16	253
04147	900984	243	31733	TUG6B-60-AL	247	71019	20FRD6.5/21	249	72186	WND72-30	253
04149	900CBK	243	31734	TUG6B-72-AL	247	71020	10FRP6.5/21	249	72187	WFRD18-16	253
04200	900924	243	31735	TUG8B-12-AL	247	71021	20NP6.5/21	249	72188	WFRD18-30	253
30001	EBC1	244	31736	TUG8B-36-AL	247	71022	12FRP6.5/21	249	72189	WFRD24-16	253
30002	EBC2	244	31737	TUG8B-42-AL	247	71039	CLN1200/48-12	251	72190	WFRD24-30	253
30003	EBC1/CEBC1-B	245	31738	TUG8B-48-AL	247	71042	CLN1800/72-12	251	72191	WFRD30-16	253
30004	EBC2/CEBC2-B	245	31739	TUG8B-54-AL	247	71044	CLN2100/84-12	251	72192	WFRD30-30	253
30005	EBC1-DR	245	31740	TUG8B-60-AL	247	71052	FLSC-I	237	72193	WFRD36-16	253
30006	EBC2-DR	245	31741	TUG8B-72-AL	247	71054	FLSC-I-50	237	72194	WFRD36-30	253
30007	EBC/CEBC-EB	245	31742	TUG8B-84-AL	247	71055	FLSCM-I	237	72195	WFRD42-16	253
30008	EBC/CEBC-H	245	31743	TUG8B-96-AL	247	71057	FL-PC-I	237	72196	WFRD42-30	253
30011	EBC1-220	244	31744	TUG6E	247	71058	FL-RPI	237	72197	WFRD48-16	253
30012	EBC2-220	244	31747	TUG8E	247	71058	FL-RPI	237	72198	WFRD48-30	253
30013	EBC1-220-DR	245	31792	TUGH	248	71060	FL-RBI	237	72199	WFRD54-16	253
30014	EBC2-220-DR	245	31793	TUG6S	248	71060	FL-RBI	237	72200	WFRD54-30	253
30018	CEBC1	244	31794	TUG8S	248	71077	7.5NLD3.3/11	249	72201	WFRD60-16	253
30019	CEBC2	244	31798	TUG6C	248	71079	CLFR1800/72-12	251	72202	WFRD60-30	253
30021	CEBC1-220	244	31799	TUG8C	248	71082	CLFR2100/84-12	251	72203	WFRD72-16	253
30022	CEBC2-220	244	61294	CLMN450/18-15	250	71100	FLSCM-I-50	237	72204	WFRD72-30	253
30024	EBC/CEBC-BK	245	61295	CLMN600/24-15	250	71111	CLN460/18.4-12	251	73017	PP72	104
30033	EBC1/CEBC1-RK	245	61296	CLMN750/30-15	250	71112	CLN600/24-12	251	73024	PPS6	104
30034	EBC2/CEBC2-RK	245	61297	CLMN900/36-15	250	71113	CLN760/30.4-12	251	73047	HSA8SS	83
30052	LSHDPP	246	61298	CLMN1050/42-15	250	71115	CLN900/36-12	251	73047	HSA8SS	85
30369	METABO-CHGR110	245	61299	CLMN1200/48-15	250	71116	CLN1060/42.4-12	251	73047	HSA8SS	87
30373	LSHDCBS	246	61300	CLMN1350/54-15	250	71118	CLFR460/18.4-12	251	73047	HSA8SS	88
30390	LSHD-RPK	246	61301	CLMN1500/60-15	250	71119	CLFR600/24-12	251	73047	HSA8SS	155
30392	LSHDS	246	61302	CLMN1800/72-15	250	71120	CLFR760/30.4-12	251	73048	HSA8S	83
30393	LSHD30	246	61303	CLMN2100/84-15	250	71122	CLFR900/36-12	251	73048	HSA8S	85
30394	LSHD36	246	61308	CLMFR450/18-15	250	71123	CLFR1060/42.4-12	251	73048	HSA8S	87
30395	LSHD42	246	61309	CLMFR600/24-15	250	71126	CLN1360/54.4-12	251	73048	HSA8S	88
30396	LSHD48	246	61310	CLMFR750/30-15	250	71127	CLN1520/60.8-12	251	73048	HSA8S	155
30397	LSHD54	246	61311	CLMFR900/36-15	250	71131	WCLN18-16	254	73049	HSA8M	83
30398	LSHD60	246	61312	CLMFR1050/42-15	250	71132	WCLN24-16	254	73049	HSA8M	85
30399	LSHD72	246	61313	CLMFR1200/48-15	250	71133	WCLN30-16	254	73049	HSA8M	87
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77851	MHS-96-2ESAC	119	77940	MHS-CARK-V42/1050	120	78478	CRB-W52	37	78680	MHP-2472P	56
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77853	MHS-24V-ESAC	119	77942	MHS-CARK-V54/1350	120	78479	CRB-W58	22	78682	MHP-2496P	56
77854	MHS-30V-ESAC	119	77943	MHS-CARK-V60/1500	120	78479	CRB-W58	37	78686	MMPCP96-S/S	48
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