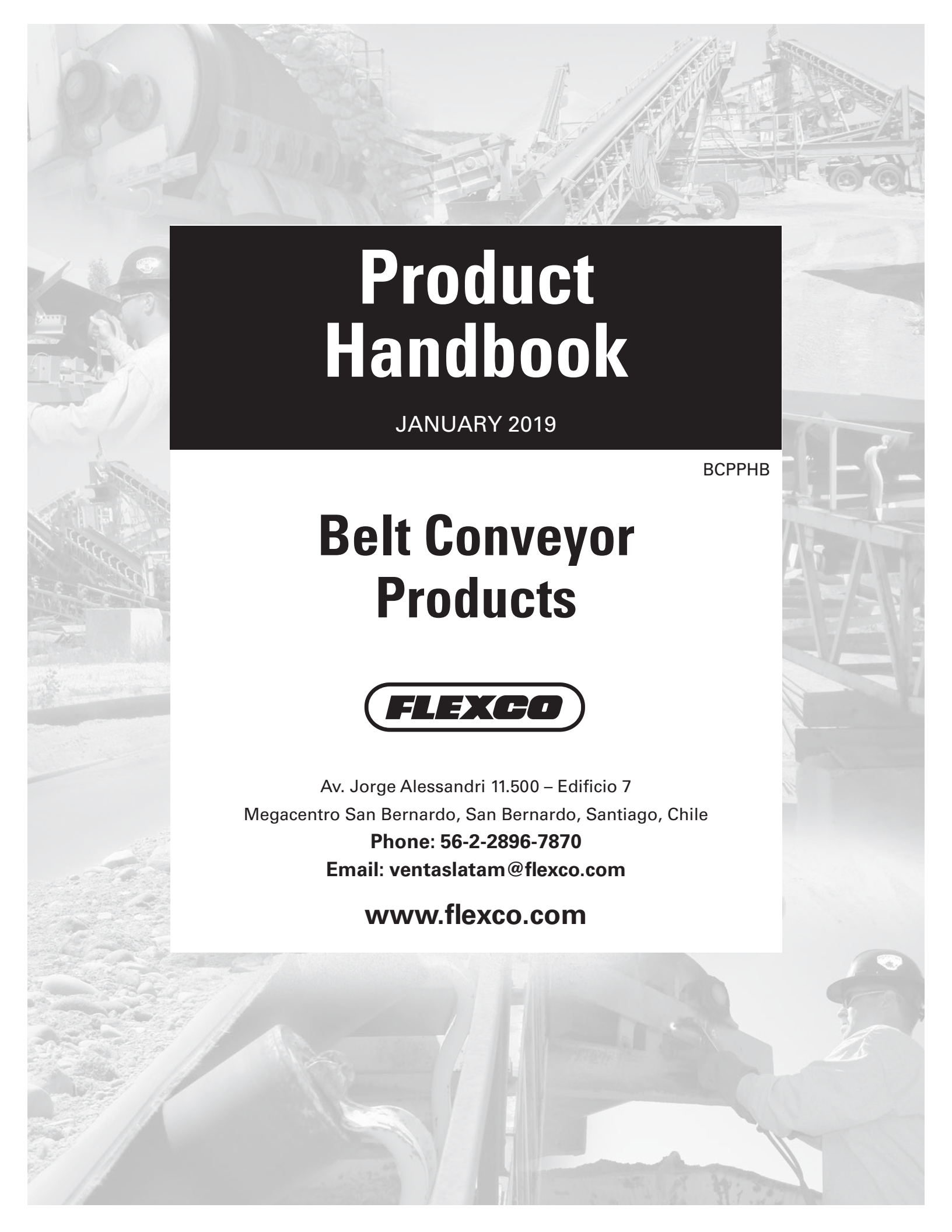




Product Handbook

JANUARY 2019

BCPPHB

Belt Conveyor Products



Av. Jorge Alessandri 11.500 – Edificio 7
Megacentro San Bernardo, San Bernardo, Santiago, Chile

Phone: 56-2-2896-7870

Email: ventaslatam@flexco.com

www.flexco.com

Pages 1 - 4 intentionally omitted.

Table of Contents

Belt Cleaners

Belt Cleaner Information and Selection Guide.....	page 6
Precleaners	
EZP1 Standard, Twist Tensioner and Hi-Temp Precleaners; ConShear™ Replacement Blades.....	page 11
EZP-LS Limited Space Precleaner.....	page 25
MSP Standard Mine-Duty Precleaner & ConShear™ Replacement Blades.....	page 34
MMP Medium Mine-Duty Precleaner & TuffShear™ Replacement Blades.....	page 41
MHP Heavy Mine-Duty Precleaner & MegaShear™ Replacement Blades.....	page 49
MHCP Heavy-Duty Cartridge Precleaner & SuperShear™ Replacement Blades.....	page 56
MPX Extreme-Duty Precleaner & UltraShear™ Replacement Blades.....	page 59
H-Type® Precleaners.....	page 65
Secondary Cleaners	
EZS2 Secondary Cleaners.....	page 76
Y-Type™ Secondary Cleaners.....	page 80
P-Type® & P-Type LS (Limited Space) Secondary Cleaners.....	page 88
R-Type® Reversing Secondary Cleaners.....	page 92
FMS Medium-Duty Secondary Cleaner.....	page 95
MHS HD Secondary Cleaners.....	page 99
P-Type® Secondary Cleaners with Enhanced Service Advantage™ Cartridge.....	page 109
R-Type® Secondary Cleaners with Enhanced Service Advantage™ Cartridge.....	page 113
MHS HD Secondary Cleaners with Enhanced Service Advantage™ Cartridge.....	page 117
MHS HD Secondary Cleaners with Service Advantage™ Cartridge—Legacy Replacement Parts.....	page 121
U-Type® Secondary Cleaners.....	page 121
MDWS DryWipe Secondary Cleaner.....	page 126
Motorized Brush Cleaner.....	page 130
Chevron Belt Cleaner.....	page 133
Optional Mounting Kits and Accessories	
Optional Mounting Kits.....	page 140
Spring Tensioner Accessories.....	page 141
Belt Cleaner Accessories	
Inspection Door.....	page 142
Spray Pole Systems.....	page 144
Stabilizing Roller Bracket Kits.....	page 145
Live-Shaft Hold-down Rollers.....	page 146
Optional Installation Tools.....	page 147
Legacy Belt Cleaner Parts—H-Type® and I-Type™.....	page 148
Replacement Blades for Other OEM Cleaners	
ConShear™ Replacement Blades for Other OEM Cleaners.....	page 150
Martin Engineering.....	page 152
Arch/Gordon.....	page 156
Superior Exterra®.....	page 158
ASGCO.....	page 159
Argonics.....	page 160
Stephens-Adamson Metso/Trellex.....	page 161
Martin Engineering Durt Hawg®.....	page 162
Martin Engineering Durt Tracker®.....	page 163
Belt Plows	
V-Plows and Diagonal Plows.....	page 165
Impact Beds	
Flexco Slider and Impact Beds.....	page 169
EZSB-C & EZSB-I Slider Beds; EZIB-L & EZIB-M Impact Beds; Modular Impact Beds; Adjustable Idler Sets.....	page 170
DRX® Impact Beds.....	page 188
DRX200, DRX750 and DRX1500 Impact Beds; DRX3000 Dynamic Bed.....	page 189
Optional Parts and Tools.....	page 197
Belt Positioners and Trainers	
Belt Positioner™, PTEZ™, PT Smart™, and PT Max™.....	page 191
Skirting Systems	
Standard Urethane Skirting; Skirt Clamps—RMC1, Flex-Lok™ and FlexSeal™.....	page 216
Belt Maintenance Tools	
Flex-Lifter™, Flexco® Belt Cutters, and Far-Pul® HD® Belt Clamps.....	page 220
Pulley Lagging	
Flex-Lag® Rubber, Full Ceramic, Medium Ceramic, Adhesives, Weld-on™ Rubber, Weld-on™ Ceramic.....	page 222
Index.....	page 228

Belt Cleaner Information and Selection Guide

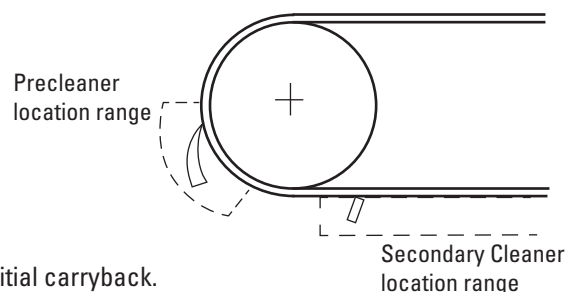
Why Are Belt Cleaners Needed?

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



Types of Belt Cleaners

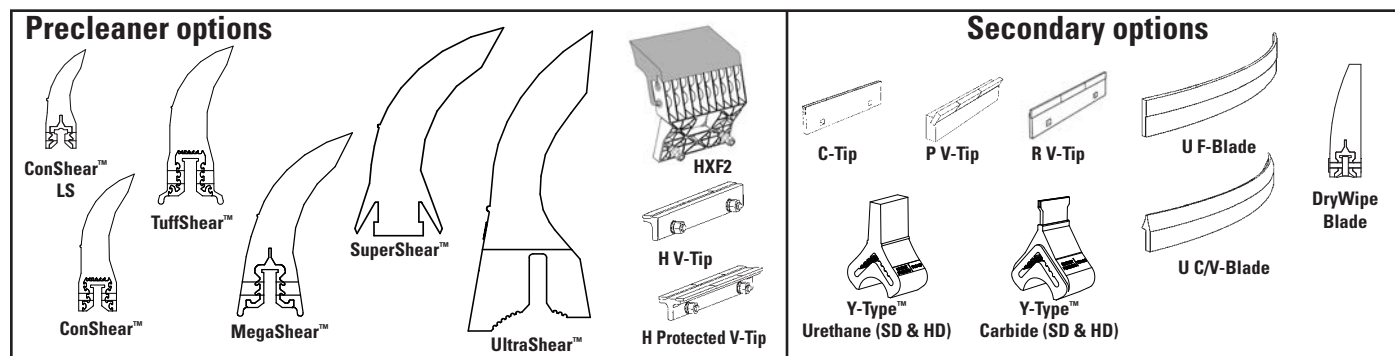
- **Precleaners**
 - Mounted on the head pulley.
 - Mounted below the material flow.
 - Blade is always narrower than the belt width.
 - Ideally, the blade covers just the belt's material path.
 - Removes the big stuff. Typically cleans off up to 80% of the initial carryback.
- **Secondary Cleaners**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



Definition of Terms

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

Types of Cleaner Blades



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

Polyurethane Blades

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

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



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

Tungsten Carbide

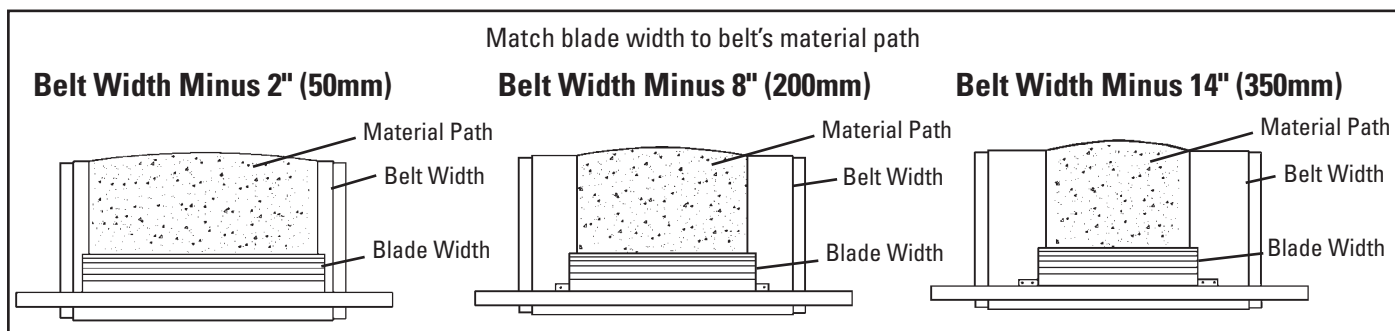
Excellent for superior cleaning efficiency and long wear. The quality and application of carbides can vary. Flexco has invested years of research and testing to develop tungsten carbide tips for both vulcanized and mechanically fastened belts. And a quality process ensures consistent results.

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

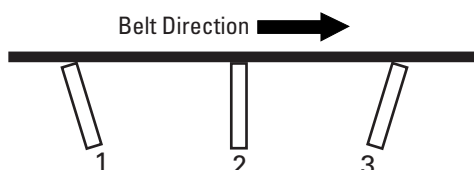


The "Material Path" Option (for Precleaners)

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



Blade Angle (Secondary Cleaners)



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

Belt Cleaning Systems

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

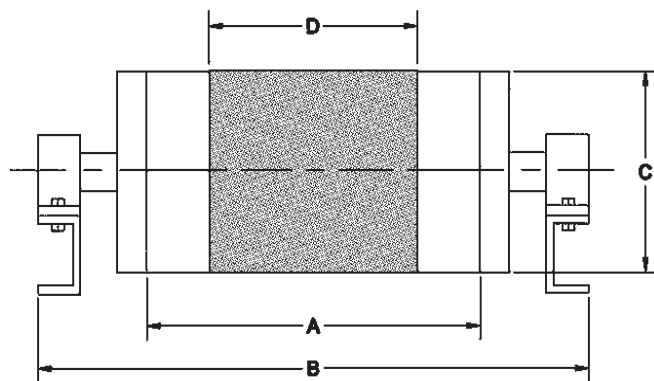
Keys to Good Belt Cleaning

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

Spec'ing and Ordering Belt Cleaners

Information needed:

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



Precleaner Selection Guide

PRECLEANER SPECIFICATION CHART

Application Description	EZP-LS	EZP1	MSP	MMP	MHP	MHCP	MXP
Belt Width*	12" - 60" (300 - 1500mm)	12" - 72" (300 - 1800mm)	24" - 84" (600 - 2100mm)	24" - 96" (600 - 2400mm)	24"-96" (600 - 2400mm)	24" - 96" (600 - 2400mm)	42" - 120" (1050 - 3000mm)
Belt Speed	500fpm (2.5M/sec)	700fpm (3.5M/sec)	700fpm (3.5M/sec)	1000fpm (5M/sec)	1500fpm (7.5M/sec)	1200fpm (6M/sec)	2000fpm (10M/sec)
Head Pulley Diameter	6" - 22" (150 - 550mm)	10" - 36" (250 - 900mm)	16" - 42" (400 - 1050mm)	16" - 48" (400 - 1200mm)	20" - 84" (500 - 2100mm)	20" - 84" (500 - 2100mm)	48" - 96" (1200 - 2400mm)
Reversing Belts	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mechanical Fasteners	Yes	Yes	Yes	Yes	Yes	Yes	Yes

PRECLEANER SPECIFICATION CHART (cont.)

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

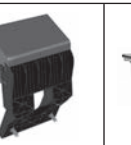
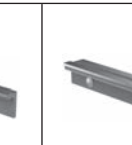
*Special sizes available upon request.

PRECLEANER BLADE SPECIFICATIONS

											
Blade Type	ConShear™ LS	ConShear™ LS High Temp	ConShear™ LS White (Chemical Resistant/Food Grade) ‡	ConShear™ High Temp	ConShear™ High Temp	ConShear™ White (Chemical Resistant/Food Grade) ‡	ConShear Ultra High Temp	TuffShear™	TuffShear™ High Temp	Mega-Shear™	Super-Shear™
Belt Speed	500fpm (2.5M/sec)	500fpm (2.5M/sec)	500fpm (2.5M/sec)	700fpm (3.5M/sec)	700fpm (3.5M/sec)	700fpm (3.5M/sec)	700fpm (3.5M/sec)	1000fpm (5M/sec)	1000fpm (5M/sec)	1500fpm (7.5M/sec)	1200fpm (6M/sec)
Temperature Range	-30 to 180°F (-35 to 82°C)	up to 275°F (135°C) with spikes to 325°F (163°C)	-30 to 180°F (-35 to 82°C)	-30 to 180°F (-35 to 82°C)	up to 275°F (135°C) with spikes to 325°F (163°C)	-30 to 180°F (-35 to 82°C)	up to 400°F (200°C) with spikes to 450°F (232°C)	-30 to 180°F (-35 to 82°C)	up to 275°F (135°C) with spikes to 325°F (163°C)	-30 to 180°F (-35 to 82°C)	-30 to 180°F (-35 to 82°C)
Polyurethane	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Durometer	83	93	83	83	93	83	90	83	93	93	93
Tungsten Carbide	No	No	No	No	No	No	No	No	No	No	No
Work with Mechanical Fasteners	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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

PRECLEANER BLADE SPECIFICATIONS

							
Blade Type	UltraShear™	HXF	HXF2	H V-Tip	H Protected V-Tip	HV2 Tip	Protected HV2 Tip
Belt Speed	2000fpm (10M/sec)	700fpm (3.5M/sec)	700fpm (3.5M/sec)	1000fpm (5M/sec)	1000fpm (5M/sec)	1500fpm (7.5M/sec)	1500fpm (7.5M/sec)
Temperature Range	-30 to 275°F (-35 to 135°C)	-30 to 180°F (-35 to 82°C)	-30 to 180°F (-35 to 82°C)	-30 to 400°F (-35 to 205°C)	-30 to 400°F (-35 to 205°C)	-30 to 400°F (-35 to 205°C)	-30 to 400°F (-35 to 205°C)
Polyurethane	Yes	Yes	Yes	No	No	No	No
Durometer	93	84	83	N/A	N/A	N/A	N/A
Tungsten Carbide	No	No	No	Yes	Yes	Yes	Yes
Work with Mechanical Fasteners	Yes	Yes	Yes	No	No	No	No

Secondary Cleaner Selection Guide

SECONDARY CLEANER SPECIFICATION CHART

Application Description	Y-Type SD Polyurethane	Y-Type SD Carbide	Y-Type HD Polyurethane	Y-Type HD Carbide	EZS2	EZS2 High Temp	FMS (C-Tip)	FMS (V-Tip)	MHS (C-Tip)	MHS (V-Tip)
Belt Width*	18" - 48" 450 - 1200mm	18" - 48" 450 - 1200mm	36" - 72" 900 - 1800mm	36" - 72" 900 - 1800mm	18" - 72" 450 - 1800mm	18" - 72" 450 - 1800mm	18" - 84" 450 - 2100mm	18" - 84" 450 - 2100mm	18" - 96" 450 - 2400mm	18" - 96" 450 - 2400mm
Belt Speed	600fpm (3M/sec)	600fpm (3M/sec)	750fpm (3.8M/sec)	750fpm (3.8M/sec)	700fpm (3.5M/sec)	700fpm (3.5M/sec)	1200fpm (6M/sec)	1200fpm (6M/sec)	1200fpm (6M/sec)	1500fpm (7.5M/sec)
Reversing Belts	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes
Works with Mechanical Fasteners	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No

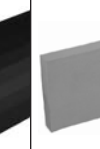
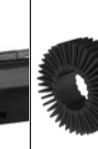
*Special sizes available upon request.

SECONDARY CLEANER SPECIFICATION CHART (cont.)

Application Description	MDWS	P-Type® (C-Tip)	P-Type (V-Tip)	U-Type® (F-Blade)	U-Type (C-Blade)	U-Type (V-Blade)	R-Type® (C-Tip)	R-Type (V-Tip)	Chevron	Brush Cleaner
Belt Width*	18" - 72" 450 - 1800mm	18" - 72" 450 - 1800mm	18" - 72" 450 - 1800mm	18" - 84" 450 - 2100mm	18" - 84" 450 - 2100mm	18" - 84" 450 - 2100mm	18" - 72" 450 - 1800mm	18" - 72" 450 - 1800mm	18" - 84" 450 - 2100mm	18" - 84" 450 - 2100mm
Belt Speed	1600fpm (6M/sec)	1000fpm (5M/sec)	1200fpm (6M/sec)	1000fpm (5M/sec)	1300fpm (6.6M/sec)	1300fpm (6.6M/sec)	1000fpm (5M/sec)	1000fpm (5M/sec)	500fpm (2.5M/sec)	700fpm (3.5M/sec)
Reversing Belts	Yes	No	No	No	No	No	Yes	Yes	Yes	No
Works with Mechanical Fasteners	Yes	Yes	No	Yes	Yes	No	Yes	No	Yes	Yes

*Special sizes available upon request.

SECONDARY CLEANER BLADE SPECIFICATIONS

												
Blade Type	C-Tip	P V-Tip	R V-Tip	Y-Type Polyurethane (Purple)	Y-Type Polyurethane (White)	Y-Type Carbide	DryWipe Blade	U F-Blade	U C-Blade	U V-Blade	Chevron	Brush Cleaner
Temperature Range	-30 to 400°F -35 to 205°C	-30 to 400°F -35 to 205°C	-30 to 400°F -35 to 205°C	-30 to 180°F -35 to 82°C	-30 to 180°F -35 to 82°C	-30 to 180°F -35 to 82°C	-30 to 180°F -35 to 82°C	-30 to 180°F -35 to 82°C	-30 to 180°F -35 to 82°C	-30 to 180°F -35 to 82°C	-30 to 180°F -35 to 82°C	-20 to 180°F -30 to 82°C
Polyurethane	No	No	No	Yes	Yes	No	Yes	Yes	Rubber	Rubber	Rubber	Poly-propylene
Durometer	N/A	N/A	N/A	86A	83A	N/A	59	90	84	83	N/A	N/A
Tungsten Carbide	Yes	Yes	Yes	No	No	Yes	No	No	Yes	Yes	No	No
Works with Mechanical Fasteners	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes

Product Ordering Information

EZP1 Standard Duty Precleaner

EZP1 Precleaner Belt Width Minus 2" (50mm)

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

Lead time: 1 working day

EZP1 Precleaner Belt Width Minus 8" (200mm)

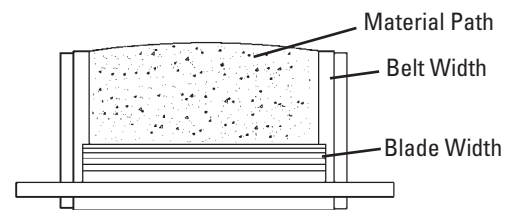
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
12	300	—	—	N/A	N/A	—
18	450	10	250	EZP1-818	75779	51.3
24	600	16	400	EZP1-824	75780	57.2
30	750	22	550	EZP1-830	75781	63.1
36	900	28	700	EZP1-836	75782	69.0
42	1050	34	850	EZP1-842	75783	74.9
48	1200	40	1000	EZP1-848	75784	80.8
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

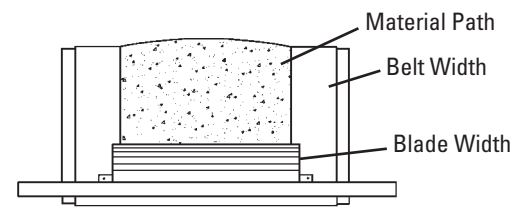


Match blade width to belt's material path

Belt Width Minus 2" (50mm)



Belt Width Minus 8" (200mm)



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" (200mm) may be the best selection.
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 2" (50mm), minus 8" (200mm), or minus 14" (350mm)).
- 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 page 19.
- For applications requiring longer pole lengths, go to the minus 8" (200mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150mm) longer and a blade size of belt width minus 2" (50mm).

U.S. Patent No. D482,508S

Product Ordering Information

EZP1T Twist Tensioner Precleaner



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

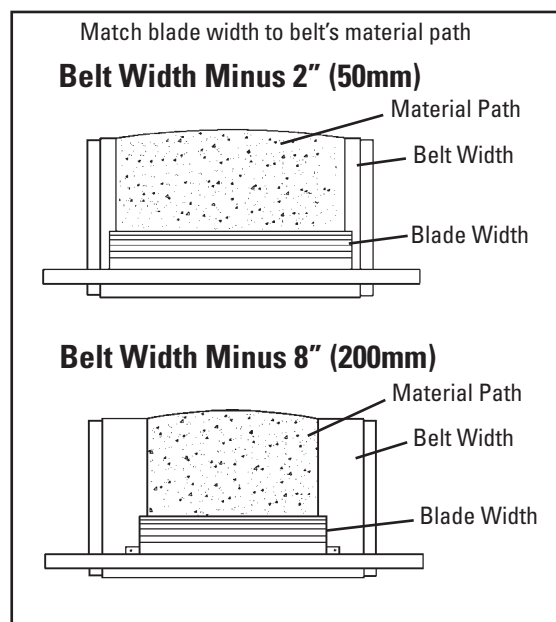
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
12	300	10	250	EZP1T-212	78488	38.5
18	450	16	400	EZP1T-218	78489	44.5
24	600	22	550	EZP1T-224	78490	50.5
30	750	28	700	EZP1T-230	78491	56.5
36	900	34	850	EZP1T-236	78492	62.5
42	1050	40	1000	EZP1T-242	78493	68.4
48	1200	46	1150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

Lead time: 1 working day

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

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" (200mm) may be the best selection.
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 2" (50mm), minus 8" (200mm), or minus 14" (350mm)).
- 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 page 20.
- For applications requiring longer pole lengths, go to the minus 8" (200mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150mm) longer and a blade size of belt width minus 2" (50mm).

U.S. Patent No. D482,508S

Product Ordering Information

High Temp EZP1 High Temperature Precleaner

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

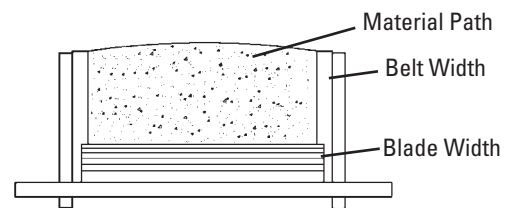
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
12	300	10	250	HTF212	76658	49.4
18	450	16	400	HTF218	76659	55.3
24	600	22	550	HTF224	76660	61.2
30	750	28	700	HTF230	76661	67.1
36	900	34	850	HTF236	76662	73.0
42	1050	40	1000	HTF242	76663	78.9
48	1200	46	1150	HTF248	76664	84.8
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



Belt Width Minus 2" (50mm)



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 page 19.
- Compatible with reversing belts.

U.S. Patent No. D482,508S

Product Ordering Information

EZP1 Ultra High-Temp Precleaner

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

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



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

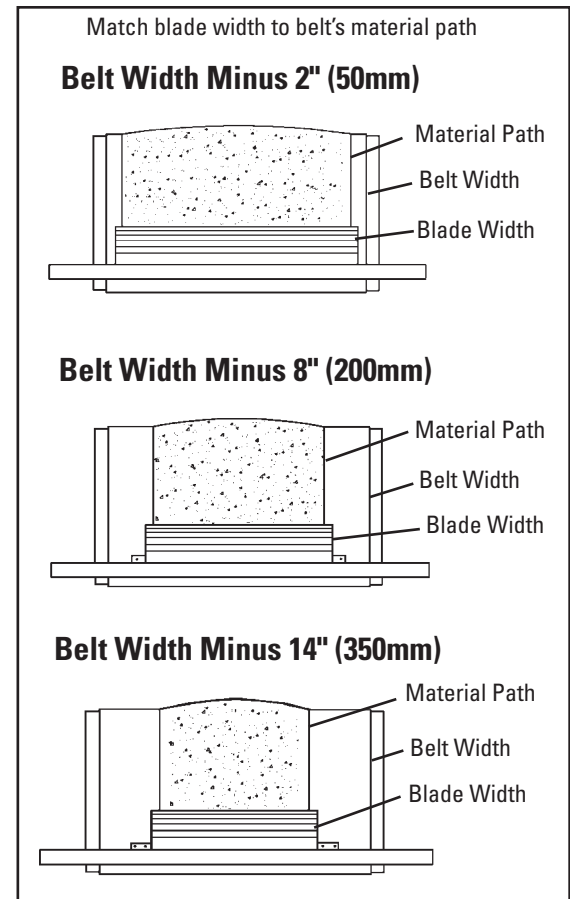
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
18	450	10	250	EZP1-UHT818	91236	51.3
24	600	16	400	EZP1-UHT824	91237	57.2
30	750	22	550	EZP1-UHT830	91238	63.1
36	900	28	700	EZP1-UHT836	91239	69.0
42	1050	34	850	EZP1-UHT842	91240	74.9
48	1200	40	1000	EZP1-UHT848	91241	80.8
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

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

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" (200mm) may be the best selection.
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 2" (50mm), minus 8" (200mm), or minus 14" (350mm)).
- Comes complete with universal mounting plates and tensioner.
- Visual tension check. No guesswork on blade tensioning. Simply measure the spring, check label on tensioner and turn adjusting nut to restore optimal tension.
- Works with mechanical splices. Polyurethane blade glides over splices.
- Compatible with reversing belts.

Product Ordering Information

EZP1 Precleaner with White ConShear™ Blade

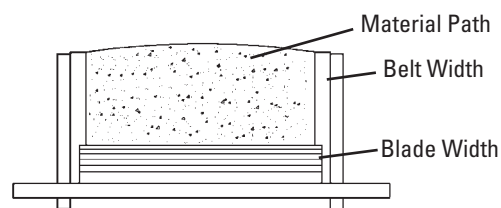
EZP1 Precleaner - Mild Steel with White ConShear™ Blade Belt Width Minus 2" (50mm)

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



Belt Width Minus 2" (50mm)



Product Notes:

- All ingredients used in polyurethane formulation comply with the relevant requirements of 21 CFR (FDA Code of Federal Regulations) for use in repeated bulk dry food applications.
- Comes complete with universal mounting plates and tensioner.
- Visual tension check. No guesswork on blade tensioning. Simply measure the spring, check label on tensioner and turn adjusting nut to restore optimal tension.
- Works with mechanical splices. Polyurethane blade glides over splices.
- For replacement parts see the EZP1 Parts List on page 19.
- Compatible with reversing belts.

U.S. Patent No. D482,508S

ConShear™ Replacement Blades

EZP1 Standard Duty Precleaner

Replacement ConShear™ Blades

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

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

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

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

Lead time: 1 working day

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

Product Notes:

- Take blade width and ordering number from the worn blade and use the Replacement Blade Chart.
- For optimal cleaning and reduced blade retensioning maintenance, the cleaner blade width should be sized to fit the material path of the belt. The material path is typically 2/3 of the belt width. In most cases a blade size of belt width minus 8" (200mm) may be the best selection.
- The ConShear™ blade has a faceted profile that renews the cleaning edge as it wears.
- Visual tension check. No guesswork on blade tensioning. Simply measure the spring, check label on tensioner and turn adjusting nut to restore optimal tension.
- ConShear blades are made of a special long-wearing polyurethane.
- A molded-in blade wear line indicates when the blade is worn out and needs to be replaced.
- Blade replacement is quick. Pull one pin, remove the old blade and slide the new one in.

Replacement High Temp ConShear™ Blades

(Color Identification: Yellow)

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

Lead time: 1 working day

Replacement Ultra High-Temp ConShear™ Blades

(Color Identification: 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
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

U.S. Patent No. D482,508S

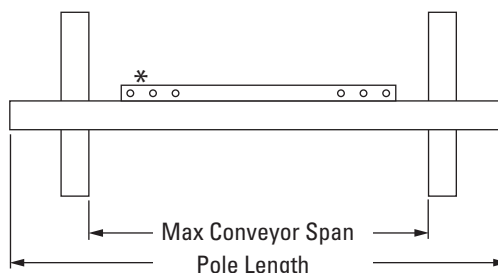
Specifications & Guidelines

EZP1 & EZP1T Standard Duty Precleaners

Pole Length Specifications

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

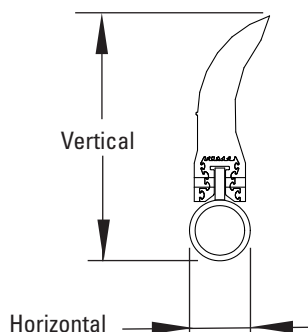
Pole Diameter - 2-3/8" (60mm)



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

Clearance Guidelines for Installation

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

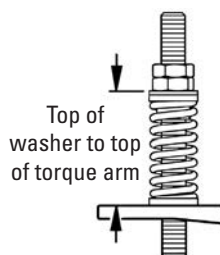


Spring Length Chart

with EST Spring Tensioner

BLADE WIDTH		PURPLE SPRING		SILVER SPRING		BLACK SPRING	
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

U.S. Patent No. D482,508S

Specifications & Guidelines

EZP1 & EZP1T Standard Duty Precleaners

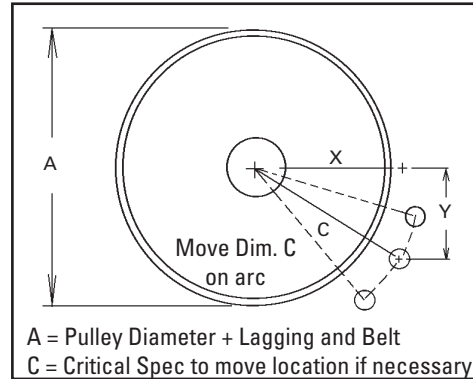
**Pole Location
Chart IMPERIAL**

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

**Pole Location
Chart METRIC**

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

Pole Location Specs



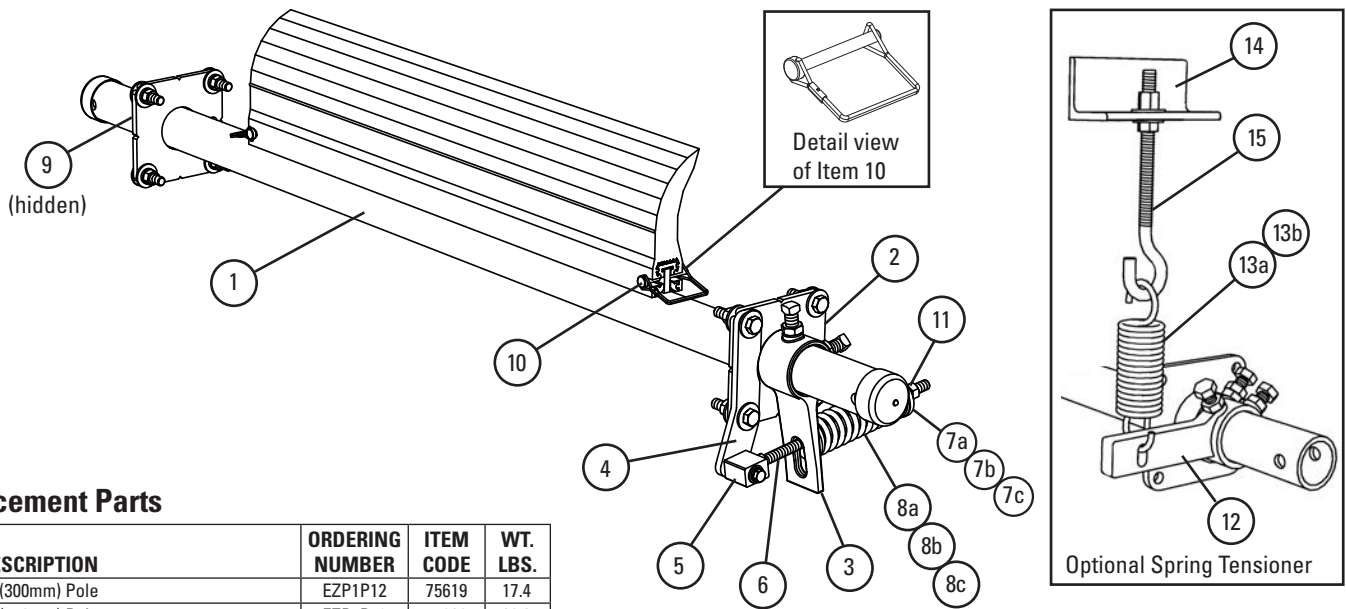
Specifications:

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

U.S. Patent No. D482,508S

Replacement Parts List

EZP1 Standard Duty Precleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	12" (300mm) Pole	EZP1P12	75619	17.4
	18" (450mm) Pole	EZP1P18	75620	20.3
	24" (600mm) Pole	EZP1P24	75621	22.7
	30" (750mm) Pole	EZP1P30	75622	26.5
	36" (900mm) Pole	EZP1P36	75623	30.4
	42" (1050mm) Pole	EZP1P42	75624	32.7
	48" (1200mm) Pole	EZP1P48	75625	35.3
	54" (1350mm) Pole	EZP1P54	75626	39.2
	60" (1500mm) Pole	EZP1P60	75627	43.3
	72" (1800mm) Pole	EZP1P72	75772	48.2
2	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 and Silver (includes 2 bushings)	ESBK-PS	76410	0.1
7b	Bushing Kit - Black (includes 2 bushings)	ESBK-B	76411	0.1
7c	EST Bushing Kit (for Ultra High-Temp EZP1) (includes 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* for blade widths 12" - 28" (300 - 700mm) (includes 1 each items 3, 4, 5, 6, 7a & 8a)	EST-P	76403	7.7
—	EST Tensioner - Silver* for blade widths 34" - 52" (850 - 1300mm) (includes 1 each items 3, 4, 5, 6, 7a & 8b)	EST-S	76404	7.9
—	EST Tensioner - Black* for blade widths 58" - 70" (1450 - 1750mm) (includes 1 each items 3, 4, 5, 6, 7b & 8c)	EST-B	76405	8.1
—	EST Ultra High Temp Tensioner - Purple* for blade widths 10"-28" (250-700mm) (includes 1 each items 3, 4, 5, 6, 7c & 8a)	EST-A-P	90814	7.7
—	EST Ultra High Temp Tensioner - Silver* for blade widths 34"-52" (850-1300mm) (includes 1 each items 3, 4, 5, 6, 7c & 8b)	EST-A-S	90815	7.9
—	EST Ultra High Temp Tensioner - Black* for blade widths 58"-70" (1450-1750mm) (includes 1 each items 3, 4, 5, 6, 7c & 8c)	EST-A-B	90816	8.1
10	Blade Pin (1 ea.)	EZP1BP	75642	0.1

*Hardware Included
Lead time: 1 working day

Optional Spring Tensioner & Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
11	Jam Nut Kit, EST Tensioner	JNK-A	79891	0.3
12	Tension Arm Kit* (1 ea.)	HAR-K	78786	6.0
13a	Tension Spring (1 ea.) for sizes 12" - 30" (300 - 750mm)	STTS	74419	1.4
13b	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)	EZP10TK1	76418	11.2
—	Optional Spring Tensioner Kit* for sizes 36" - 72" (900 - 1800mm)	EZP10TK2	76419	11.8

* Hardware Included
Lead time: 1 working day

Spring Tensioner Selection Chart

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

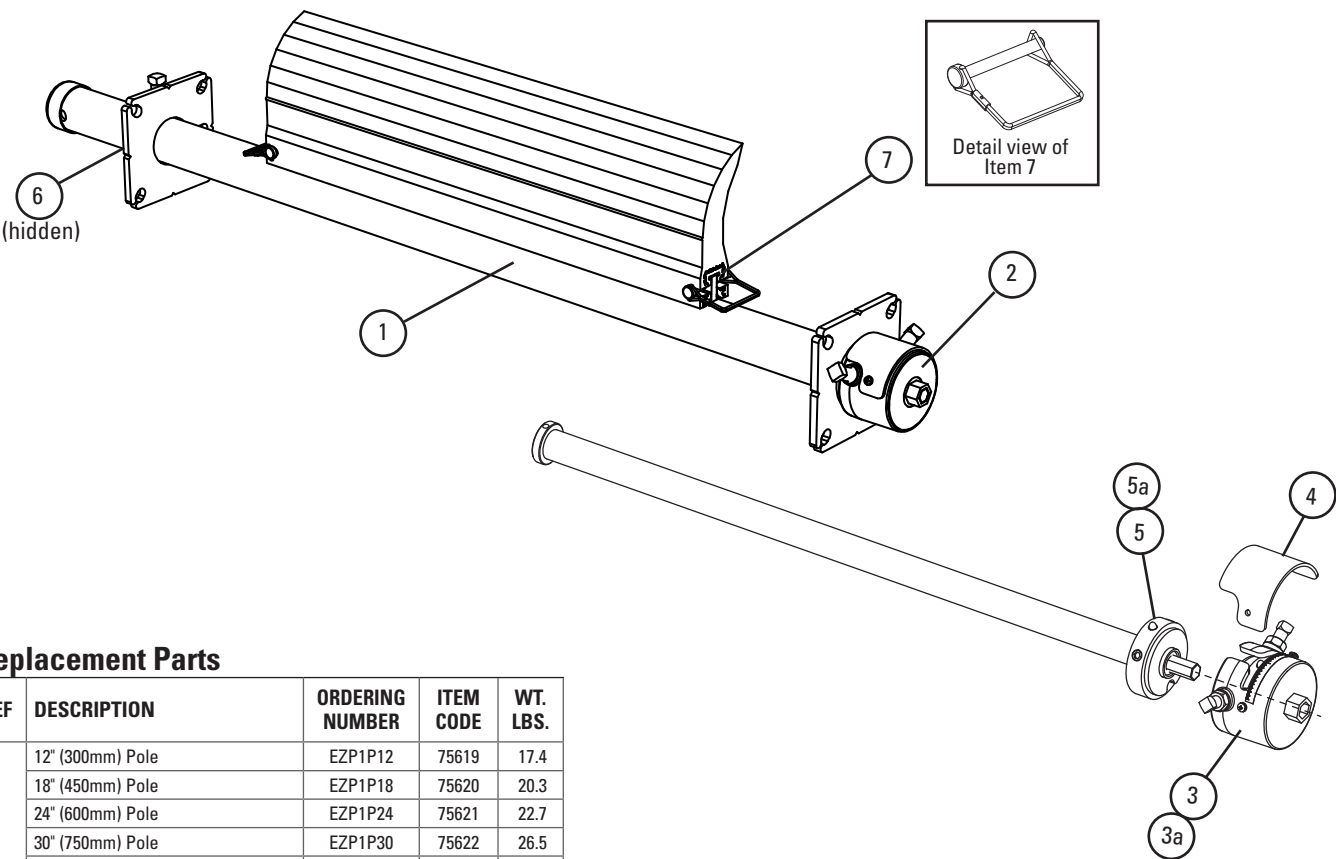
Spring Tensioner Selection Chart - EZP1 UHT Only

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

U.S. Patent No. D482,508S

Replacement
Parts List

EZP1T
Twist Tensioner Precleaner



Replacement Parts

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

Torsion Bar Tensioner Selection Chart

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

*Hardware Included
Lead time: 1 working day

U.S. Patent No. D482,508S

Product Ordering Information

EZP1 Stainless Steel Precleaner with White ConShear™ Blade

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

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

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

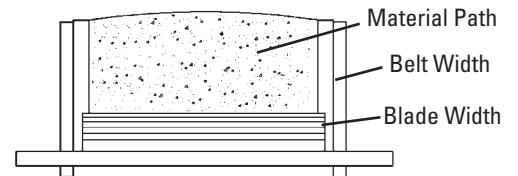
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
12	300	—	—	N/A	N/A	—
18	450	10	250	CFG-818	78924	51.3
24	600	16	400	CFG-824	78925	57.2
30	750	22	550	CFG-830	78926	63.1
36	900	28	700	CFG-836	78927	69.0
42	1050	34	850	CFG-842	78928	74.9
48	1200	40	1000	CFG-848	78929	80.8
54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

Lead time: 1 working day

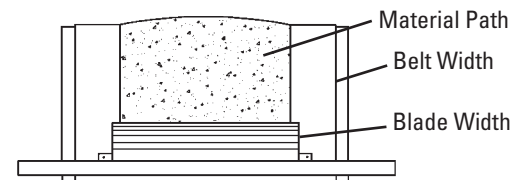


Match blade width to belt's material path

Belt Width Minus 2" (50mm)



Belt Width Minus 8" (200mm)



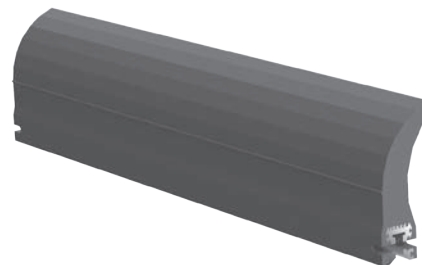
Product Notes:

- 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" (200mm) may be the best selection.
- Each cleaner can be retrofitted with three replacement blade sizes (belt width minus 2" (50mm), minus 8" (200mm), or minus 14" (350mm)).
- 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 page 24.
- For applications requiring longer pole lengths, go to the minus 8" (200mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150mm) longer and a blade size of belt width minus 2" (50mm).

U.S. Patent No. D482,508S

ConShear™ Replacement Blades

EZP1
Standard Duty Precleaner



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

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

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

Lead time: 1 working day

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

Replacement ConShear™ Blades

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

Other blade sizes available upon request.

Lead time: 1 working day

Replacement High Temp ConShear™ Blades

(Color Identification: Yellow)

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

Lead time: 1 working day

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" (200mm) 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 page 24.

U.S. Patent No. D482,508S

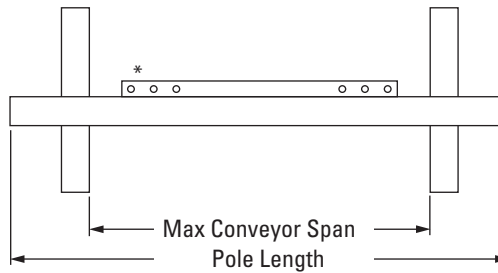
Specifications & Guidelines

EZP1 Stainless Steel Precleaner with White ConShear™ Blade

Pole Length Specifications

CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
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

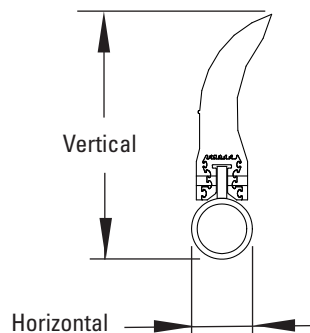
Pole Diameter - 2-3/8" (60mm)



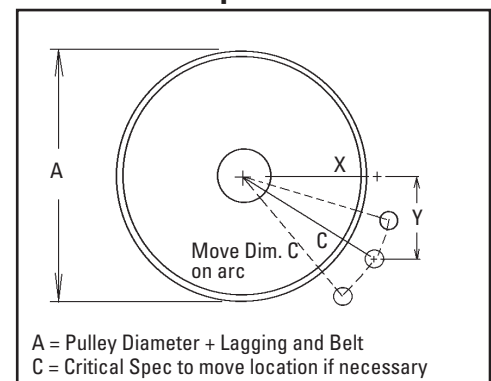
*Each pole size can be used with a blade size either belt width minus 2" (50mm), belt width minus 8" (200mm), or belt width minus 14" (350mm).

Clearance Guidelines For Installation

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



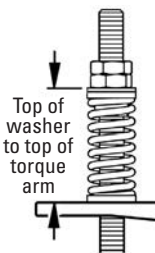
Pole Location Specs



Spring Length Chart

BLADE WIDTH		PURPLE SPRING		WHITE SPRING		GOLD SPRING	
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



Pole Location Chart IMPERIAL

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

Pole Location Chart METRIC

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

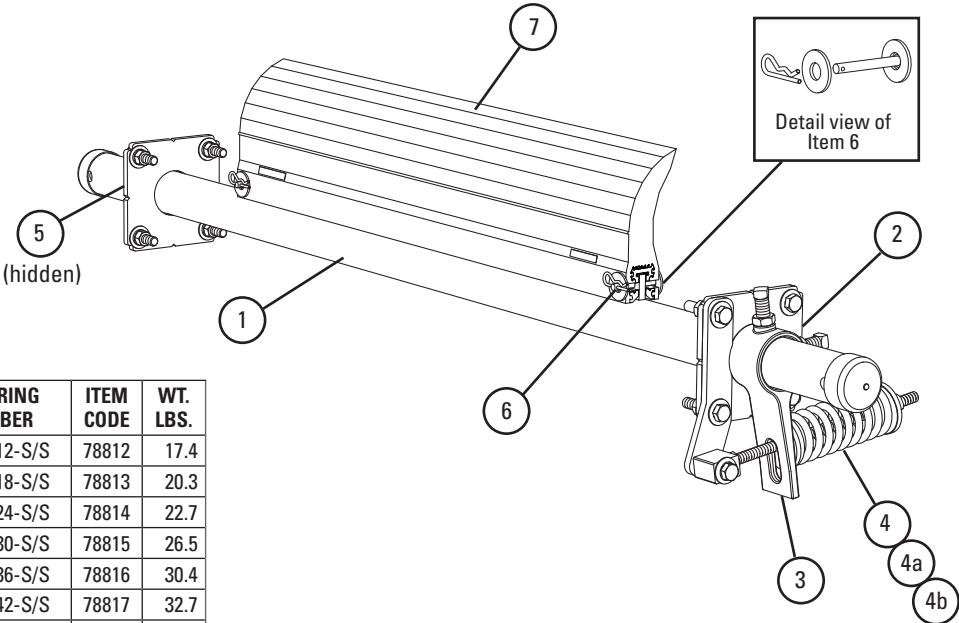
Specifications:

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

U.S. Patent No. D482,508S

Replacement Parts List

EZP1 Stainless Steel Precleaner with White ConShear™ Blade



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. 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* for blade widths 12" - 28" (300 - 700mm) (includes 1 each items 2, 3, 4)	EST-P-S/S	78808	7.7
—	SS EST Tensioner - White* for blade widths 34" - 52" (850 - 1300mm) (includes 1 each items 2, 3, 4a)	EST-W-S/S	78809	7.9
—	SS EST Tensioner - Gold* for blade widths 58" - 70" (1450 - 1750mm) (includes 1 each items 2, 3, 4b)	EST-G-S/S	78810	8.1
6	Blade Pin (1 ea.)	MSPBPK-S/S	77583	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 12" - 28" (300 - 700mm)	X		
ConShear 34" - 52" (850 - 1300mm)		X	
ConShear 58" - 70" (1450 - 1750mm)			X

For best results use Flexco Genuine Replacement Blades and Parts.

U.S. Patent No. D482,508S

Product Ordering Information

EZP-LS Limited Space Precleaner

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

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

Lead time: 1 working day

EZP-LS Precleaner Belt Width Minus 8" (200mm)

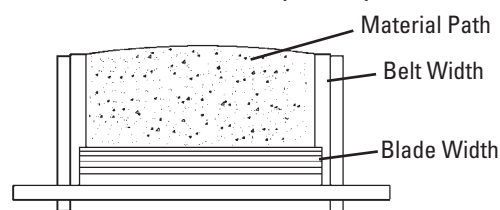
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
18	450	10	250	EZP-LS818	77136	27.0
24	600	16	400	EZP-LS824	77137	30.4
30	750	22	550	EZP-LS830	77138	33.9
36	900	28	700	EZP-LS836	77139	37.3
42	1050	34	850	EZP-LS842	77140	40.8
48	1200	40	1000	EZP-LS848	77141	44.2
54	1350	46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

Lead time: 1 working day

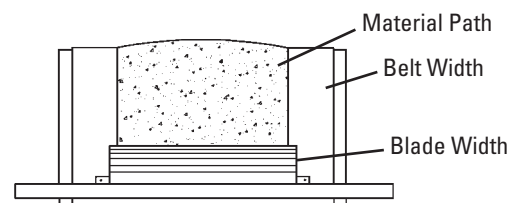


Match blade width to belt's material path

Belt Width Minus 2" (50mm)



Belt Width Minus 8" (200mm)



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" (50mm), minus 8" (200mm), or minus 14" (350mm).
- 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 page 29.
- For applications requiring longer pole lengths, go to the minus 8" (200mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150mm) longer and a blade size of belt width minus 2" (50mm).

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

Patent Pending (tensioner)

Product Ordering Information

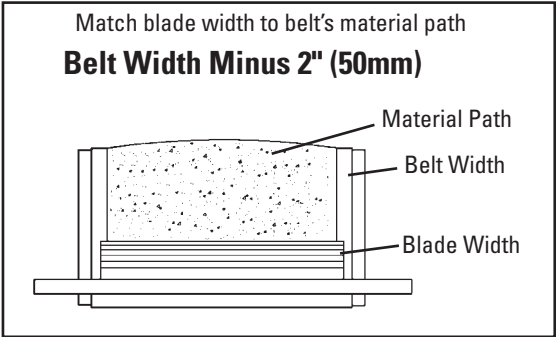
High Temp EZP-LS Limited Space Precleaner



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

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" (50mm), minus 8" (200mm), or minus 14" (350mm).
- 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 page 29.

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

ConShear™ LS Replacement Blades

EZP-LS
Limited Space Precleaner

Blade Width Selection

BELT WIDTH		BELT WIDTH - 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

Replacement ConShear™-LS Blades

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

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



Replacement ConShear™-LS High-Temp Blades

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

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

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

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

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

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

Product Notes:

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

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

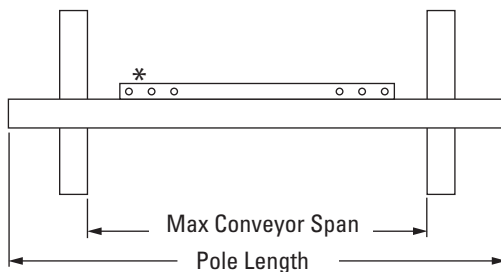
Specifications & Guidelines

EZP-LS Limited Space Precleaner

Pole Length Specifications

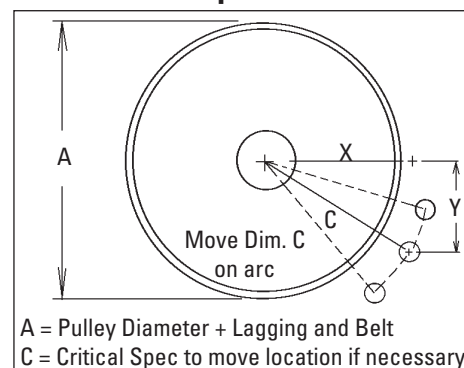
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
12	300	42	1050	37	925
18	450	48	1200	43	1075
24	600	54	1350	49	1225
30	750	60	1500	55	1375
36	900	66	1650	61	1525
42	1050	72	1800	67	1675
48	1200	78	1950	73	1825
54	1350	88	2200	83	2075
60	1500	94	2350	89	2225

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



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

Pole Location Specs

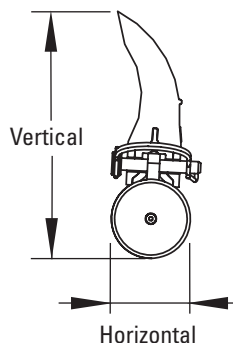


A = Pulley Diameter + Lagging and Belt

C = Critical Spec to move location if necessary

Clearance Guidelines for Installation

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

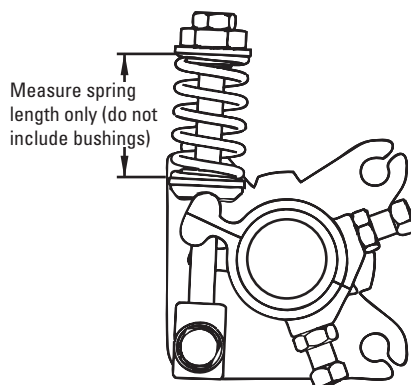


Spring Length Chart

EZP-LS w/Purple or Yellow Blade

BLADE WIDTH		PURPLE SPRING		WHITE SPRING		SILVER SPRING	
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 - Imperial

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

Pole Location Chart - Metric

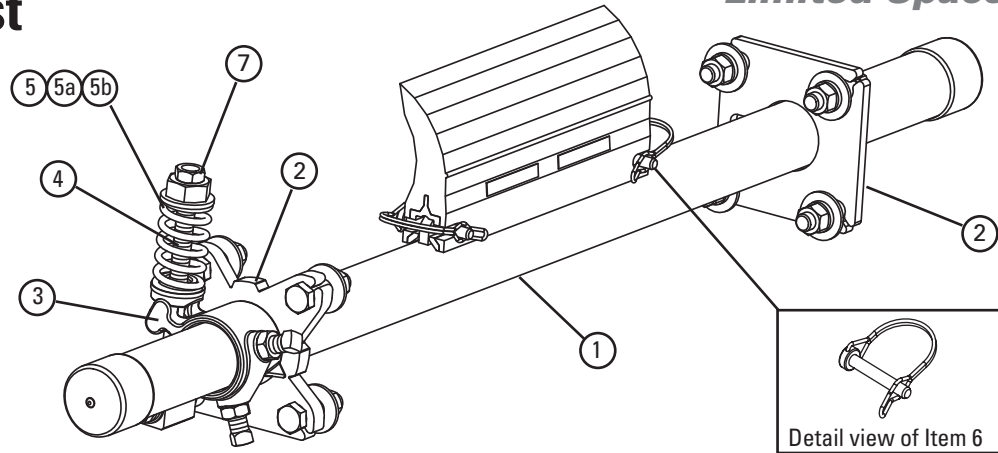
A	X	Y	C
150	65	140	150
175	81	140	155
200	96	140	162
225	109	140	171
250	125	140	179
275	138	140	189
300	153	140	198
325	166	140	209
350	178	140	219
375	191	140	229
400	206	140	239
425	219	140	252
450	231	140	263
475	244	140	273
500	256	140	284
525	269	140	295
550	281	140	307

Specifications:

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

Replacement Parts List

EZP-LS
Limited Space Precleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	12" (300mm) Pole	LSP12	77070	13.3
	18" (450mm) Pole	LSP18	77071	15.5
	24" (600mm) Pole	LSP24	77072	17.7
	30" (750mm) Pole	LSP30	77073	19.9
	36" (900mm) Pole	LSP36	77074	22.1
	42" (1050mm) Pole	LSP42	77075	24.3
	48" (1200mm) Pole	LSP48	77076	26.5
	54" (1350mm) Pole	LSP54	77077	28.7
	60" (1500mm) Pole	LSP60	77078	31.0
2	Mounting Plate Kit* (incl. 1 tensioner mounting plate and 1 pole mounting plate)	LSTMPK	77366	3.6
3	Torque Arm Kit* (1 ea.)	LST-TAK	77120	1.4
4	Pivot Block/Rod Kit* (1 ea.)	LSTPB-RK	77367	.8
5	Tension Spring - Purple (1 ea.) for blades 10"-16" (250-400mm)	LS-SPK	77365	.2
5a	Tension Spring - White (1 ea.) for blades 22" - 46" (550 - 1150mm)	LS-SW	77117	.3
5b	Tension Spring - Silver (1 ea.) for blades 52" - 58" (1300 - 1450mm)	LS-SS	77118	.3
6	LS Blade Pin (1 ea.)	LS-BP	77114	.1
7	Jam Nut Kit LST Tensioner	JNK-B	79892	.3
-	LST Spring Tensioner* - Purple incl. 1 tensioner mounting plate and 1 ea. items 3, 4 & 5 for blades 10"-16" (250-400mm)	LST-P	77121	7.5
-	LST Spring Tensioner* - White incl. 1 tensioner mounting plate and 1 ea. items 3, 4 & 5a for blades 22"-46" (550 - 1150mm)	LST-W	77122	7.6
-	LST Spring Tensioner* - Silver incl. 1 tensioner mounting plate and 1 ea. items 3, 4 & 5b for blades 52"-58" (1300 - 1450mm)	LST-S	77123	7.6

Hardware Included

For Arch/Gordon Mini-Saber Blades

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

Additional sizes are available upon request. Call for pricing.

Spring Tensioner Selection Chart

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

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

Patent Pending (tensioner)

For best results use Flexco Genuine
Replacement Blades and Parts.

Product Ordering Information

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



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

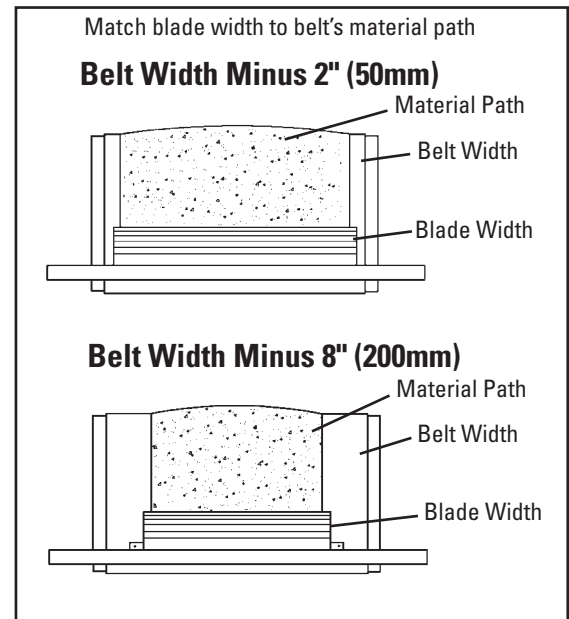
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
12	300	10	250	CLSFG-212	77144	24.8
18	450	16	400	CLSFG-218	77145	28.2
24	600	22	550	CLSFG-224	77146	31.7
30	750	28	700	CLSFG-230	77147	35.1
36	900	34	850	CLSFG-236	77148	38.6
42	1050	40	1000	CLSFG-242	77149	42.0
48	1200	46	1150	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

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

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 -2" (50mm), -8" (200mm), or -14" (350mm)).
- 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 page 33.
- For applications requiring longer pole lengths, go to the minus 8" (200mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150mm) longer and a blade size of belt width minus 2" (50mm).

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

ConShear™ LS Replacement Blades

EZP-LS
Limited Space Precleaner

Blade Width Selection

BELT WIDTH		BELT WIDTH - 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

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

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

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

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

Product Notes:

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

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



Replacement ConShear™-LS Blades

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

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

Replacement ConShear™-LS High-Temp Blades

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

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

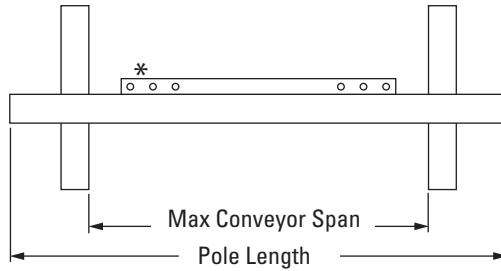
Specifications & Guidelines

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

Pole Length Specifications

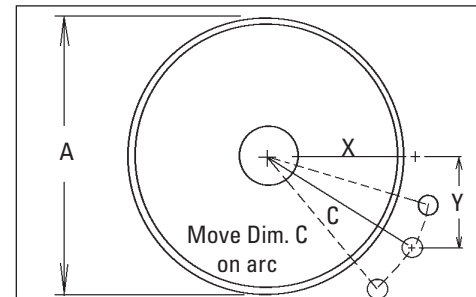
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
12	300	42	1050	37	925
18	450	48	1200	43	1075
24	600	54	1350	49	1225
30	750	60	1500	55	1375
36	900	66	1650	61	1525
42	1050	72	1800	67	1675
48	1200	78	1950	73	1825
54	1350	88	2200	83	2075
60	1500	94	2350	89	2225

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



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

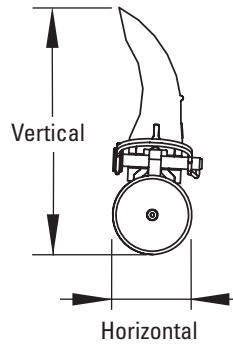
Pole Location Specs



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

Clearance Guidelines for Installation

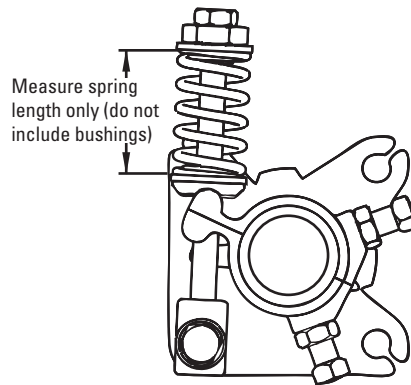
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
3	75	6 1/2	165



Spring Length Chart

BLADE WIDTH		BLACK SPRING		WHITE SPRING		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 - Imperial

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

Pole Location Chart - Metric

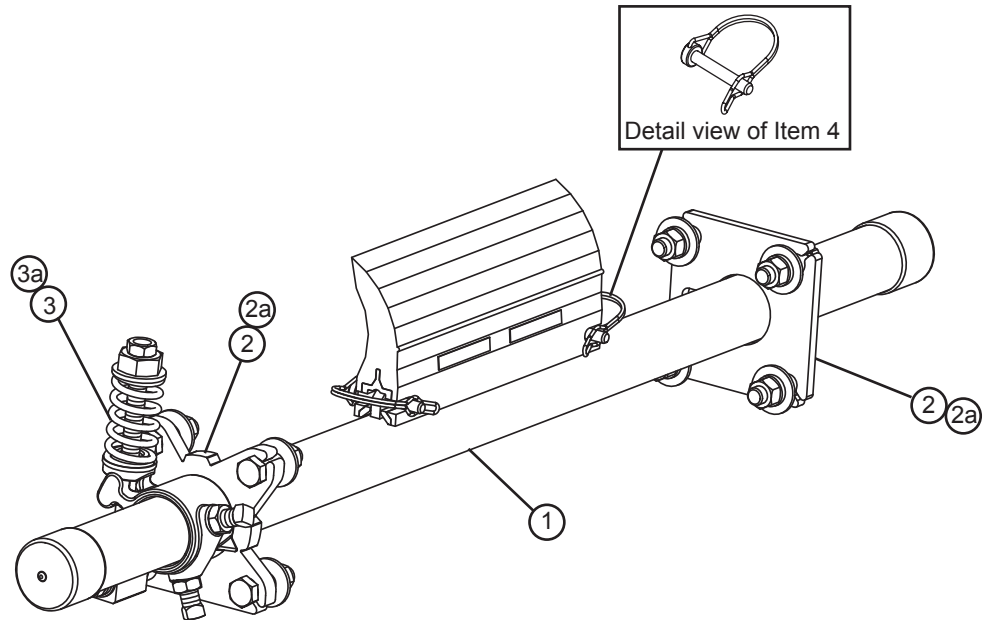
A	X	Y	C
150	65	140	150
175	81	140	155
200	96	140	162
225	109	140	171
250	125	140	179
275	138	140	189
300	153	140	198
325	166	140	209
350	178	140	219
375	191	140	229
400	206	140	239
425	219	140	252
450	231	140	263
475	244	140	273
500	256	140	284
525	269	140	295
550	281	140	307

Specifications:

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

Replacement Parts List

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



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. 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 tensioner mounting plate and 1 pole mounting plate)	LSTMPK-S/S	78933	3.6
2a	SS Mounting Plate Kit (52"+/1300mm+)* (incl. 2 tensioner mounting plates)	LSTMPK2-S/S	78462	7.2
3	Tension Spring - Black (1 ea.) for blades 10"-28" (250-700mm)	CTS-B-S/S	78387	.2
3a	Tension Spring - White (1 ea.) for blades 34" - 70" (850 - 1750mm)	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 for blades 10"-28" (250 - 700mm)	LST-B-S/S	77124	7.5
-	SS LST Spring Tensioner* - White incl. 1 ea. items 2 & 3a for blades 34"- 46" (850 - 1150mm)	LST-W-S/S	77125	7.6
-	SS LST Spring Tensioner* - White (dual) incl. 1 ea. item 2a and 2 ea. item 3a for blades 52"- 70" (1300 - 1750mm)	LST-W-S/S-2	77126	15.2

*Hardware Included

Spring Tensioner Selection Chart

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

For best results use Flexco Genuine Replacement Blades and Parts.

Product Ordering Information

MSP Standard Mine-Duty Precleaner



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

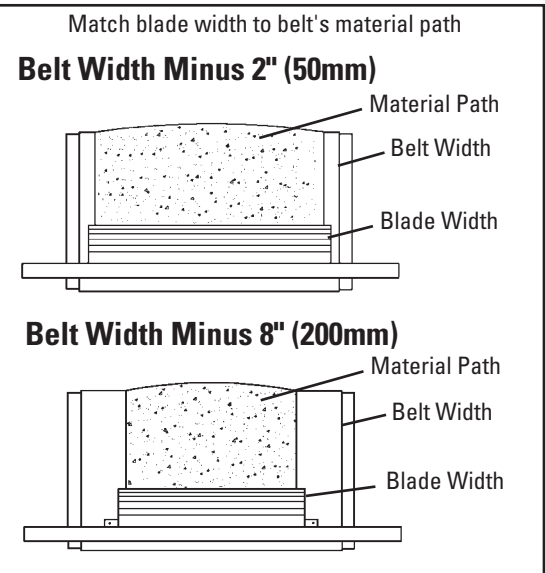
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	22	550	MSP-224	75787	83.4
30	750	28	700	MSP-230	75788	89.6
36	900	34	850	MSP-236	75789	98.2
42	1050	40	1000	MSP-242	75790	106.0
48	1200	46	1150	MSP-248	75791	113.2
54	1350	52	1300	MSP-254	75792	120.0
60	1500	58	1450	MSP-260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

Lead time: 1 working day

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

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 (page 41). For extreme, abusive applications see the MHP Heavy-Duty Precleaner (page 49) or the MHCP Heavy-Duty Cartridge Precleaner (page 56).
- Material Path Option: Fit the blade width to the belt's material path. The material path is typically the center 2/3 of the belt width. In most cases a blade size of belt width minus 8" (200mm) may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 2" (50mm), minus 8" (200mm) or minus 14" (350mm)).
- Pole Length: Belt width plus 54" (1350mm). For conveyors requiring longer pole lengths, go to the minus 8" (200mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150mm) longer and a blade size of belt width minus 2" (50mm). For longer requirements see Installation Accessories - Pole Extender Kit (page 140).
- Visual Tension Check: No guesswork on blade tensioning. Measure the spring and adjust to specified length per blade width to restore optimal tensioning.
- To make cleaner installation easier and quicker, see Optional Mounting Kits (page 140).
- For replacement parts see MSP Parts List on page 39.

U.S. Patent No. D482,508S

Product Ordering Information

MSP Ultra High-Temp Standard Mine-Duty Precleaner

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

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



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

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

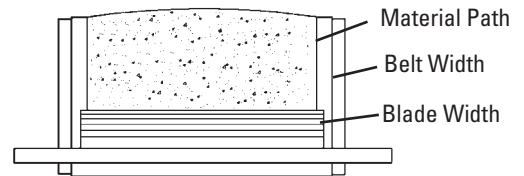
MSP Ultra High-Temp Precleaner Belt Width Minus 14" (350mm)

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

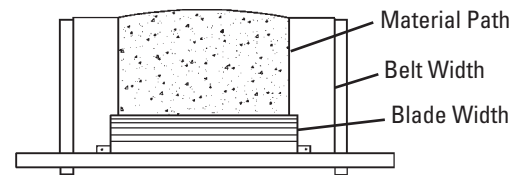
Lead time: 1 working day

Match blade width to belt's material path

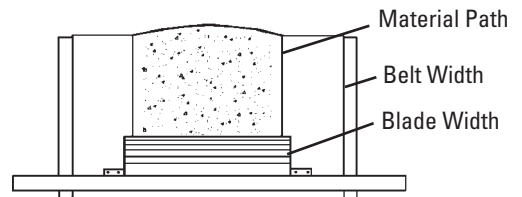
Belt Width Minus 2" (50mm)



Belt Width Minus 8" (200mm)



Belt Width Minus 14" (350mm)



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" (200mm) may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 2" (50mm), minus 8" (200mm) or minus 14" (350mm)).
- Pole Length: Belt width plus 54" (1350mm). For conveyors requiring longer pole lengths, go to the minus 8" (200mm) chart and select the cleaner one belt width size larger. This will provide a pole 6" (150mm) longer and a blade size of belt width minus 2" (50mm).
- 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 page 39.

U.S. Patent No. D482,508S

Product Ordering Information

Stainless Steel MSP Standard Mine-Duty Precleaner



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

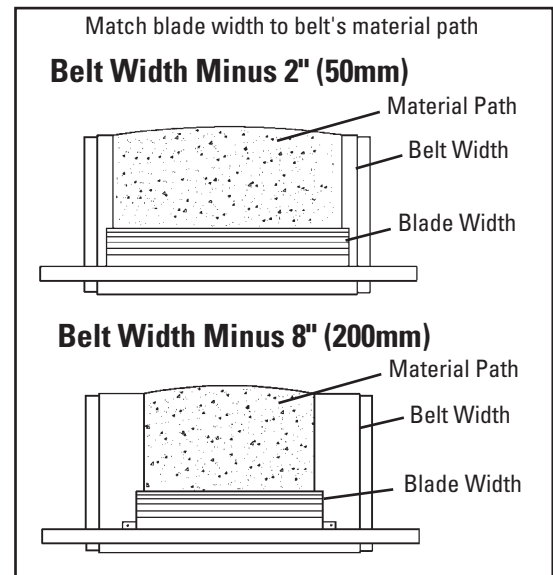
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	22	550	MSP-224-S/S	77453	83.4
30	750	28	700	MSP-230-S/S	77454	89.6
36	900	34	850	MSP-236-S/S	77455	98.2
42	1050	40	1000	MSP-242-S/S	77456	106.0
48	1200	46	1150	MSP-248-S/S	77457	113.2
54	1350	52	1300	MSP-254-S/S	77458	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

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

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" (200mm) may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 2" (50mm), minus 8" (200mm) or minus 14" (350mm)).
- Pole Length: Belt width plus 54" (1350mm). For conveyors requiring longer pole lengths, go to the minus 8" chart and select the cleaner one belt width size larger. This will provide a pole 6" (150mm) longer and a blade size of belt width minus 2" (50mm). For longer requirements see Installation Accessories - Pole Extender Kit (page 140).
- Visual Tension Check: No guesswork on blade tensioning. Measure the spring and adjust to specified length per blade width to restore optimal tensioning.
- To make cleaner installation easier and quicker, see Optional Mounting Kits (page 140).
- For replacement parts see MSP Stainless Parts List on page 40.

U.S. Patent No. D482,508S

ConShear™ Replacement Blades

MSP
Standard Mine-Duty Precleaner

Replacement 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

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

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

Lead time: 1 working day

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

Replacement High Temp ConShear™ Blades

(Color Identification: Yellow)

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

Lead time: 1 working day

Replacement Ultra High-Temp ConShear™ Blades

(Color Identification: 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.

U.S. Patent No. D482,508S

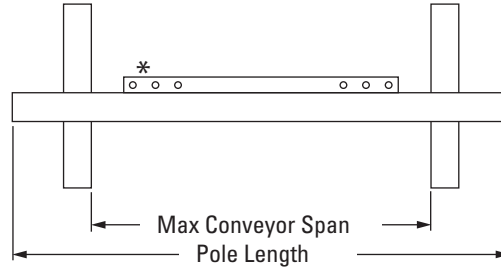
Specifications & Guidelines

MSP
Standard Mine-Duty Precleaner

Pole Length Specifications*

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

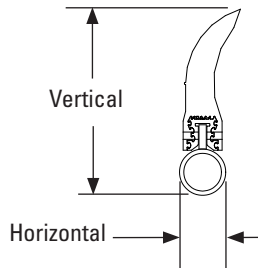
* For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. See page 140.
Pole Diameter - 2-7/8" (73mm)



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

Clearance Guidelines for Installation

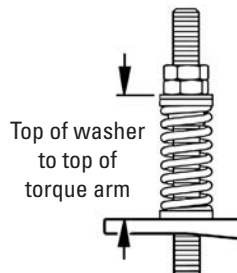
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
4	100	10	250



Spring Length Chart

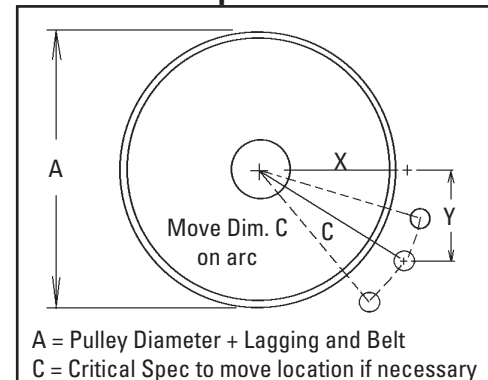
BLADE WIDTH		PURPLE SPRING		WHITE SPRING		GOLD SPRING	
in.	mm	in.	mm	in.	mm	in.	mm
16	400	5 1/4	133	6 1/4	159	N/A	N/A
22	550	4 3/4	121	6 1/8	156	N/A	N/A
28	700	4 1/8	105	5 7/8	149	N/A	N/A
34	850	N/A	N/A	5 3/4	146	6 1/8	156
40	1000	N/A	N/A	5 5/8	143	6 1/8	156
46	1150	N/A	N/A	5 1/2	140	6	152
52	1300	N/A	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



Top of washer
to top of
torque arm

Pole Location Specs



A = Pulley Diameter + Lagging and Belt

C = Critical Spec to move location if necessary

Pole Location Chart

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

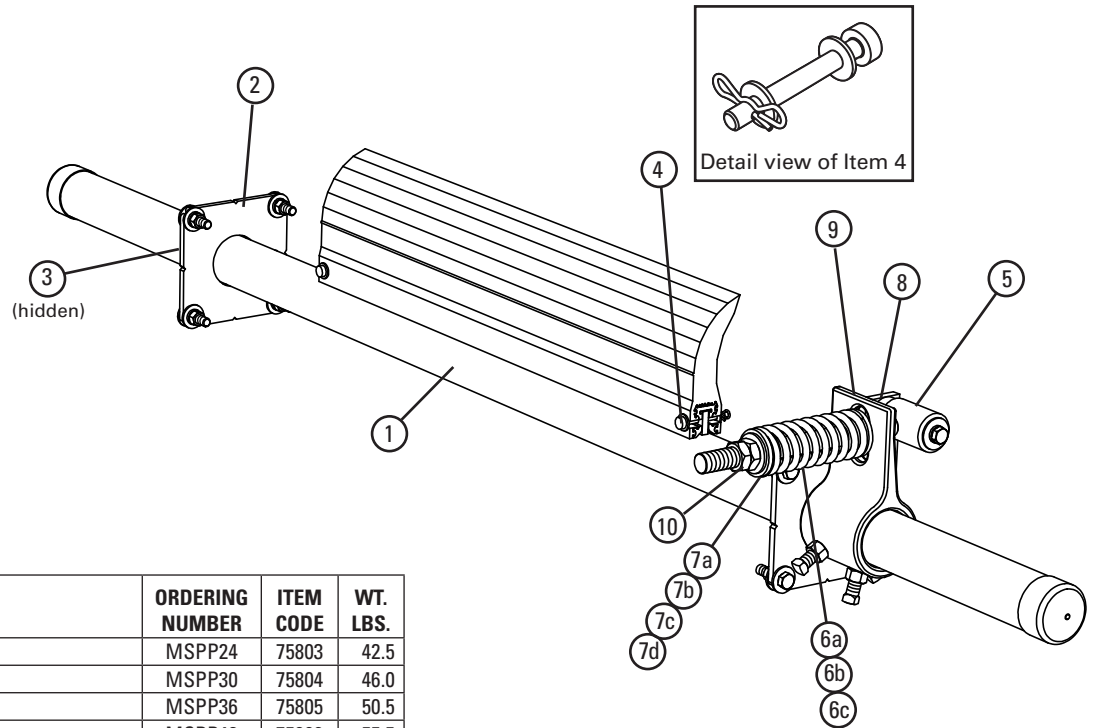
Specifications:

- Maximum Belt Speed.....700 FPM (3.5M/sec)
- Temperature Rating (ConShear, ConShear White)-30°F to 180°F (-35°C to 82°C)
- Temperature Rating (ConShear High Temp).....Up to 275°F (135°C) with spikes to 325°F (164°C)
- Temperature Rating (ConShear Ultra High-Temp)Up to 400°F (200°C) with spikes to 450°F (232°C)
- Minimum Pulley Diameter16" (400mm)
- Blade Height.....7-1/4" (185mm)
- Usable Blade Wear Length.....4" (100mm)
- Blade MaterialPolyurethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths.....24" to 84" (600 to 2100mm)
- CEMA Cleaner RatingClass 3

U.S. Patent No. D482,508S

Replacement Parts List

MSP
Standard Mine-Duty Precleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) Pole	MSPP24	75803	42.5
	30" (750mm) Pole	MSPP30	75804	46.0
	36" (900mm) Pole	MSPP36	75805	50.5
	42" (1050mm) Pole	MSPP42	75806	55.5
	48" (1200mm) Pole	MSPP48	75807	60.0
	54" (1350mm) Pole	MSPP54	75808	64.0
	60" (1500mm) Pole	MSPP60	75809	67.0
	72" (1800mm) Pole	MSPP72	75810	76.0
	84" (2100mm) Pole	MSPP84	76807	88.6
2	Mounting Plate Kit* (2 ea.)	MSPMPK	75811	8.3
3	Pole Lock* (1 ea.)	MSPL	75816	1.9
4	Blade Pin Kit* (1 ea.)	MSPBP	75831	0.1
5	Pivot Arm Kit* (1 ea.)	QMTPAK	76096	4.3
6a	Tension Spring - Purple (1 ea.) for blades 16" - 28" (400 - 700mm)	QMTS-P	75845	0.6
6b	Tension Spring - White (1 ea.) for blades 34" - 70" (850 - 1750mm)	PSTS-W	75898	1.7
6c	Tension Spring - Gold (1 ea.) for blades 76" - 82" (1900 - 2050mm)	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) for blades 16" - 28" (400 - 700mm)	QMT-P	76074	20.4
-	QMT Spring Tensioner* - White (incl. 1 ea. Items 5, 6b, 7b, 8, & 9) for blades 34" - 70" (850 - 1750mm)	QMT-W	76075	21.8
-	QMT Spring Tensioner* - Gold (incl. 1 ea. Items 5, 6c, 7c, 8, & 9) for blades 76" - 82" (1900 - 2050mm)	QMT-G	76483	23.2
-	QMT Ultra High-Temp Tensioner* - Purple (incl. 1 ea. Items 5, 6a, 7, 8, & 9) for blade widths 16" - 28" (400 - 700mm)	QMT-A-P	91285	20.4
-	QMT Ultra High-Temp Tensioner* - White (incl. 1 ea. Items 5, 6b, 7, 8, & 9) for blades 34" - 70" (850 - 1750mm)	QMT-A-W	91286	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 16" - 28" (400 - 700mm)	X		
ConShear 34" - 70" (850 - 1750mm)		X	
ConShear 76" - 82" (1900 - 2050mm)			X

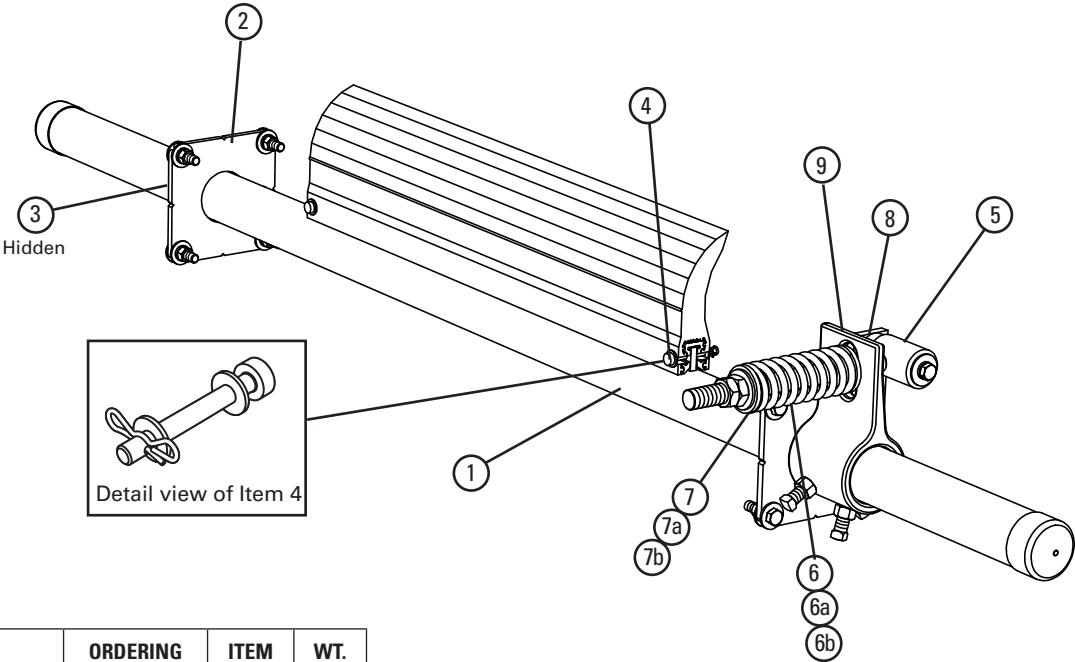
Spring Tensioner Selection Chart MSP UHT Only

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

U.S. Patent No. D482,508S

Replacement Parts List

Stainless Steel MSP Standard Mine-Duty Precleaner



Replacement Parts

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

*Hardware Included
Lead Time: 1 working day

Spring Tensioner Selection Chart

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

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

U.S. Patent No. D482,508S

Product Ordering Information

MMP Medium Mine-Duty Precleaner

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

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

Lead time: 1 working day

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

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

Lead time: 1 working day

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

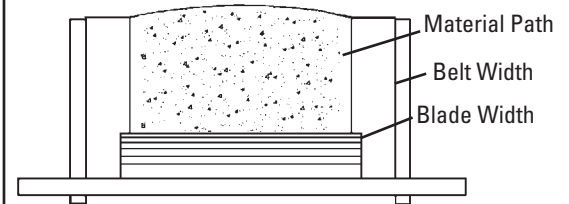
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
36	900	18	450	MMP-1836	77575	176.6
42	1050	24	600	MMP-1842	77576	192.2
48	1200	30	750	MMP-1848	77577	207.8
54	1350	36	900	MMP-1854	77578	223.4
60	1500	42	1050	MMP-1860	77579	239.0
72	1800	54	1350	MMP-1872	77580	277.1
84	2100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

Lead time: 1 working day

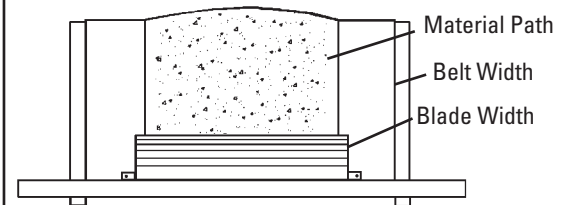


Match blade width to belt's material path

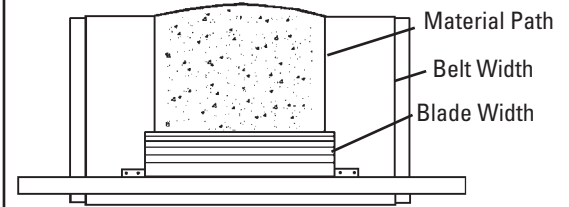
Belt Width Minus 6" (150mm)



Belt Width Minus 12" (300mm)



Belt Width Minus 18" (450mm)



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 medium-duty conveyor applications. For abusive applications see the MHCP Heavy-Duty Cartridge Precleaner (page 56).
- Material Path Option: Fit the blade width to the belt's material path. The material path is typically the center 2/3 of the belt width. In most cases a blade size of belt width minus 6" (150mm) may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 6" (150mm), minus 12" (300mm) or minus 18" (450mm)).
- Pole Length: Belt width plus 54" (1350mm). For longer requirements see Installation Accessories - Pole Extender Kit (page 140).
- Visual Tension Check: No guesswork on blade tensioning. Measure the spring and adjust to specified length per blade width to restore optimal tensioning.
- To make cleaner installation easier and quicker, see Optional Mounting Kits (page 140).

U.S. Patent No. D482,508S

Product Ordering Information

Stainless Steel MMP Medium Mine-Duty Precleaner



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

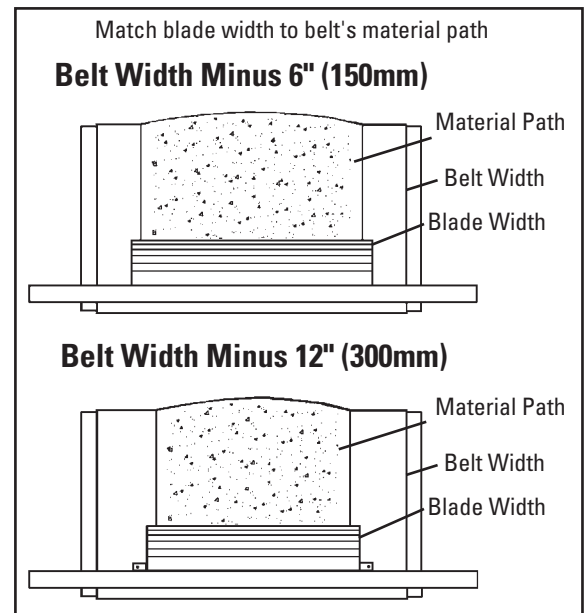
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	MMP-624-S/S	77424	159.4
30	750	24	600	MMP-630-S/S	77425	175.0
36	900	30	750	MMP-636-S/S	77426	190.6
42	1050	36	900	MMP-642-S/S	77427	206.2
48	1200	42	1050	MMP-648-S/S	77428	221.8
54	1350	48	1200	MMP-654-S/S	77429	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	2100	MMP-696-S/S	79035	397.1

Lead time: 3 weeks

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

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

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 6" (150mm) may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 6" (150mm), minus 12" (300mm) or minus 18" (450mm)).
- Pole Length: Belt width plus 54" (1350mm). For longer requirements see Installation Accessories - Pole Extender Kit (page 140).
- Visual Tension Check: No guesswork on blade tensioning. Measure the spring and adjust to specified length per blade width to restore optimal tensioning.
- To make cleaner installation easier and quicker, see Optional Mounting Kits (page 140).

U.S. Patent No. D482,508S

Product Ordering Information

MMP Medium Mine-Duty Precleaner with Portable Air Tensioner



Tank sold separately.
See page 44 for options.

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

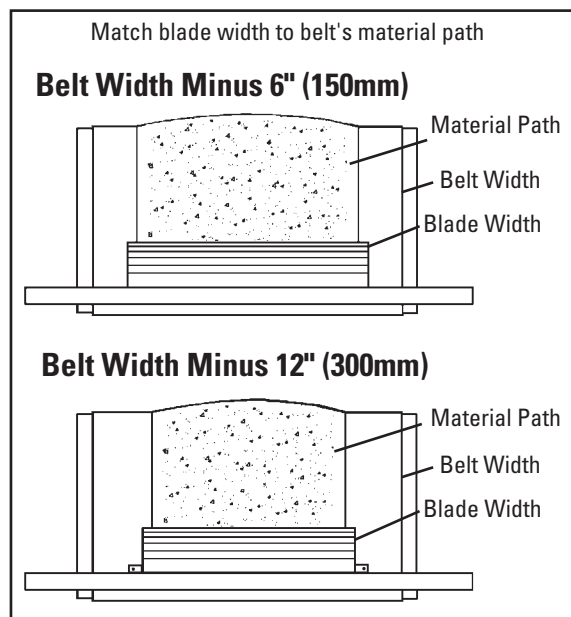
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	MMP-624P	78706	202.0
30	750	24	600	MMP-630P	78707	217.6
36	900	30	750	MMP-636P	78708	233.2
42	1050	36	900	MMP-642P	78709	248.8
48	1200	42	1050	MMP-648P	78710	264.4
54	1350	48	1200	MMP-654P	78711	280.0
60	1500	54	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

Lead time: 1 working day

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

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

Lead time: 1 working day



Product Notes:

- Recommended for medium-duty conveyor applications. For abusive applications see MHCP Heavy-Duty Cartridge Precleaner (page 56).
- Material Path Option: Fit the blade width to the belt's material path. The material path is typically the center 2/3 of the belt width. In most cases a blade size of belt width minus 6" (150mm) may be the best solution.
- Each cleaner pole is retrofittable for three blade sizes (belt width minus 6" (150mm), minus 12" (300mm) or minus 18" (450mm)).
- Pole Length: Belt width plus 54" (1350mm). For longer requirements see Installation Accessories - Pole Extender Kit (page 140).
- Portable Air Tensioner used for constant, automatic tension throughout the life of the blades. Can be used with site-available air lines or with the add-on Air Tank.
- To make cleaner installation easier and quicker, see Optional Mounting Kits (page 140).

U.S. Patent No. D482,508S

Product Ordering Information

Line Connections for Portable Air Tensioner

Air Tanks

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



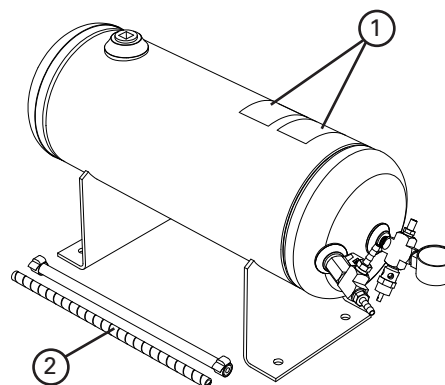
PAT1 (Single)



PAT2 (Dual)

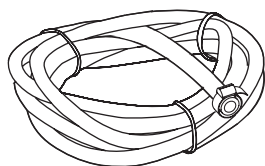
Replacement Parts List

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Tank Label Kit	PATLK	78791	0.1
2	Tank Hose Kit (incl. 1 ea. 10' hose and 1' poly spiral wrap, 2 hose clamps)	PATHK	78794	1.5



Product Notes:

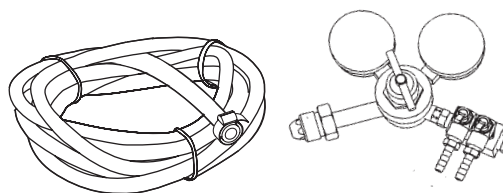
- For use with PAT cleaner assemblies and PAT control box.
- Single for applications with one cleaner, double for applications with two cleaners.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction.



Air Line Connection for Site-Accessible Air

ORDERING NUMBER	ITEM CODE	WT. LBS.
PATHK*	78794	1.5

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



Nitrogen Tank Connection for Site-Provided Nitrogen Tank

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

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

TuffShear™ Replacement Blades

MMP
Medium Mine-Duty Precleaner



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

Blade Width Selection

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

Replacement TuffShear™ Blades

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

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

Replacement TuffShear™ High-Temp Blades

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

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

Product Notes:

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

U.S. Patent No. D482,508S
Martin® and QC® #1 are registered trademarks of Martin Engineering, Neponset, IL.

Specifications & Guidelines

MMP

Medium Mine-Duty Precleaner

Pole Length Specifications*

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

* For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. (page 140).
Pole Diameter - 2-7/8" (73mm)

Clearance Guidelines for Installation

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

Spring Length Chart

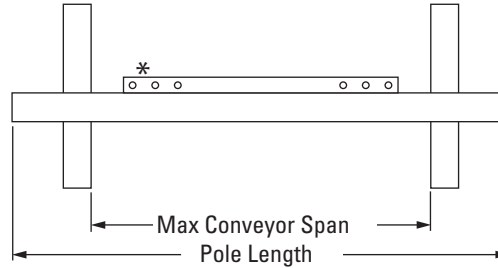
Blade Width	Purple Springs	White Springs	Gold Springs	Silver Springs
18"	4 5/8"	6"	6 1/4"	6 1/2"
24"	4"	5 7/8"	6 1/4"	6 3/8"
30"	N/A	5 5/8"	6 1/8"	6 3/8"
36"	N/A	5 1/2"	6"	6 1/4"
42"	N/A	5 1/4"	5 7/8"	6 1/4"
48"	N/A	5 1/8"	5 3/4"	6 1/8"
54"	N/A	4 7/8"	5 5/8"	6 1/8"
60"	N/A	4 3/4"	5 5/8"	6 1/8"
66"	N/A	N/A	5 1/2"	6"
72"	N/A	N/A	5 3/8"	6"
78"	N/A	N/A	5 1/4"	5 7/8"
84"	N/A	N/A	5 1/8"	5 7/8"
90"	N/A	N/A	N/A	5 3/4"
96"	N/A	N/A	N/A	5 5/8"
102"	N/A	N/A	N/A	5 1/2"
108"	N/A	N/A	N/A	5 1/2"
114"	N/A	N/A	N/A	5 3/8"

Shading indicates preferred spring option.

Specifications:

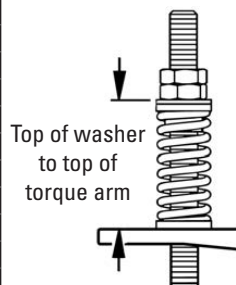
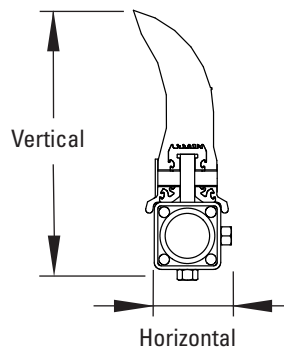
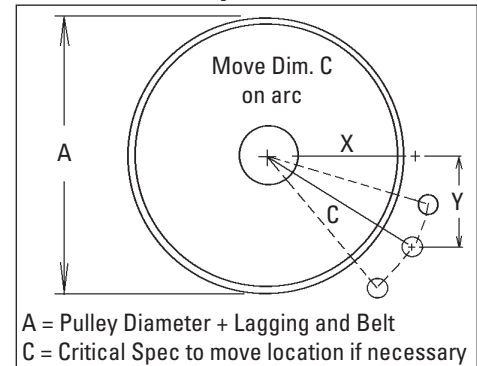
- Maximum Belt Speed 1000 FPM (5M/sec)
- Temperature Rating (TuffShear) -30°F to 180°F (-35°C to 82°C)
- Temperature Rating (TuffShear High Temp) Up to 275°F (135°C) with spikes to 325°F (164°C)
- Minimum Pulley Diameter 16" (400mm)
- Blade Height 10" (250mm)
- Usable Blade Wear Length 6" (150mm)
- Blade Material..... Polyurethane (proprietary blend for abrasion resistance and long wear)
- Available for Belt Widths..... 24" to 96" (600 to 2400mm).
Other sizes available upon request.
- CEMA Cleaner Rating..... Class 4

U.S. Patent No. D482,508S



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

Pole Location Specs



Pressure Chart

Blade Width	PSI
18"	5#
24"	6#
32"	8#
36"	9#
42"	11#
48"	13#
54"	14#
60"	16#
66"	17#
72"	19#
78"	21#
84"	22#
90"	24#

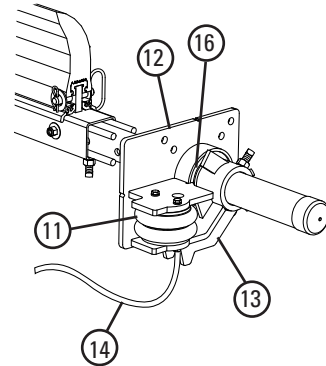
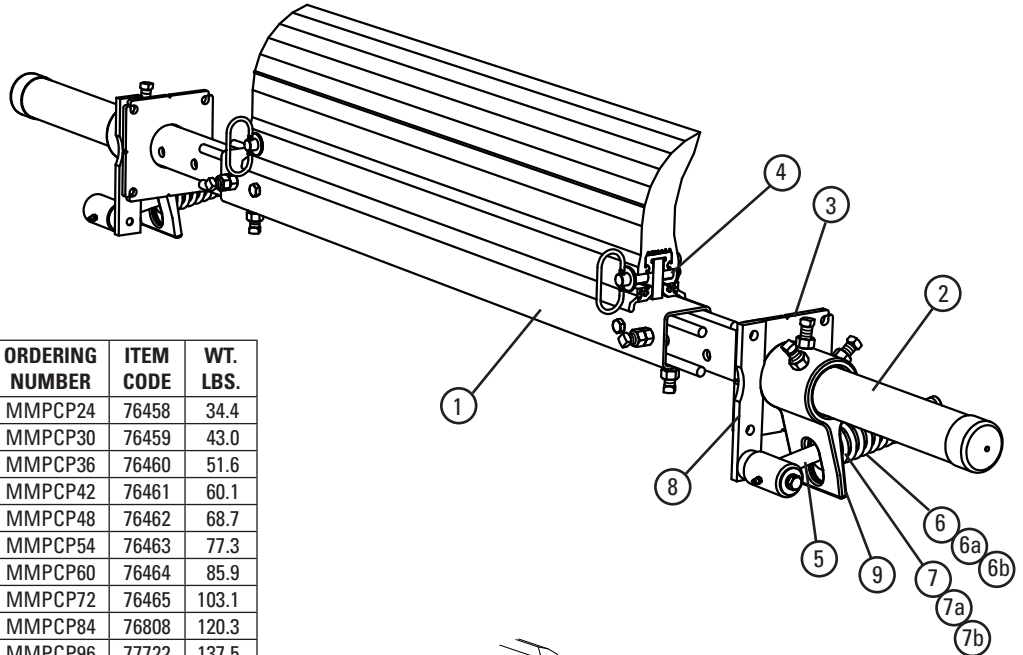
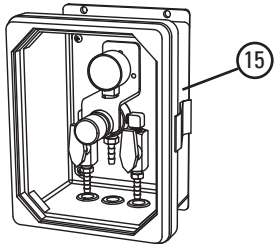
PSI setting is based on the belt width.

Pole Location Chart

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

Replacement Parts List

MMP Medium Mine-Duty Precleaner



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
2	Extender Pole Kit (2 ea.)	MHP-EP	76392	54.0
3	Mounting Plate Kit* (2 ea.)	MSPMPK	75811	8.3
4	Blade Pin Kit* (1 ea.)	MMPBPk	76466	0.8
5	Pivot Arm Kit* (1 ea.)	QMTPAK	76096	4.3
6	Tension Spring - Purple (1 ea.) for blades 24" (600mm)	QMTS-P	75845	0.6
6a	Tension Spring - White (1 ea.) for blades 30" - 90" (750 - 2250mm)	PSTS-W	75898	1.7
6b	Tension Spring - Gold (1 ea.) for blades 54" - 78" (1350 - 1950mm)	QMTS-G	76484	2.5
6c	Tension Spring - Silver (1 ea.) for blades 84"-90" (2100-2350mm)	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) for blades 18" - 24" (450 - 600mm)	QMT-P	76074	20.4
-	QMT Spring Tensioner* - White (incl. 1 ea. Items 5, 6a, 7a, 8, & 9) for blades 30" - 48" (750 - 1200mm)	QMT-W	76075	21.8
-	QMT Spring Tensioner* - Gold (incl. 1 ea. Items 5, 6b, 7b, 8, & 9) for blades 54" - 78" (1350 - 1950mm)	QMT-G	76483	23.2
-	QMT Spring Tensioner* - Silver (incl. 1 ea. Items 5, 6c, 7a, 8 & 9) blades 84-90 (2100-2350mm)	QMT-S	79039	20.3
11	Air/Water Bag (1 ea.)	AWTB	75905	3.8
12	Mounting Base (1ea.)	AWTMB	75906	22.9
13	Torque Arm* (1 ea.)	AWTA	75907	11.6
14	Hose Kit (50' of hose and 6 hose clamps)	AWTHK	75909	6.7
15	PAT Control Box 60 psi	PACB60	78683	11.0
16	AWT Pole Bearing Assy (for cleaners shipped after 4/2016)	AWTPBA	90000	2.3
-	PAT Kit- AWT Tensioner w/ Control Box (includes 2 ea. Items 11,12,13,14 & 1 ea. Item 15)	PAK	78705	86.2
-	AWT Air/Water Tensioner w/o Control Box (includes 2 ea. Items 11,12,13 & 14)	AWTNCB	76069	75.2

*Hardware Included

Lead Time: 1 working day

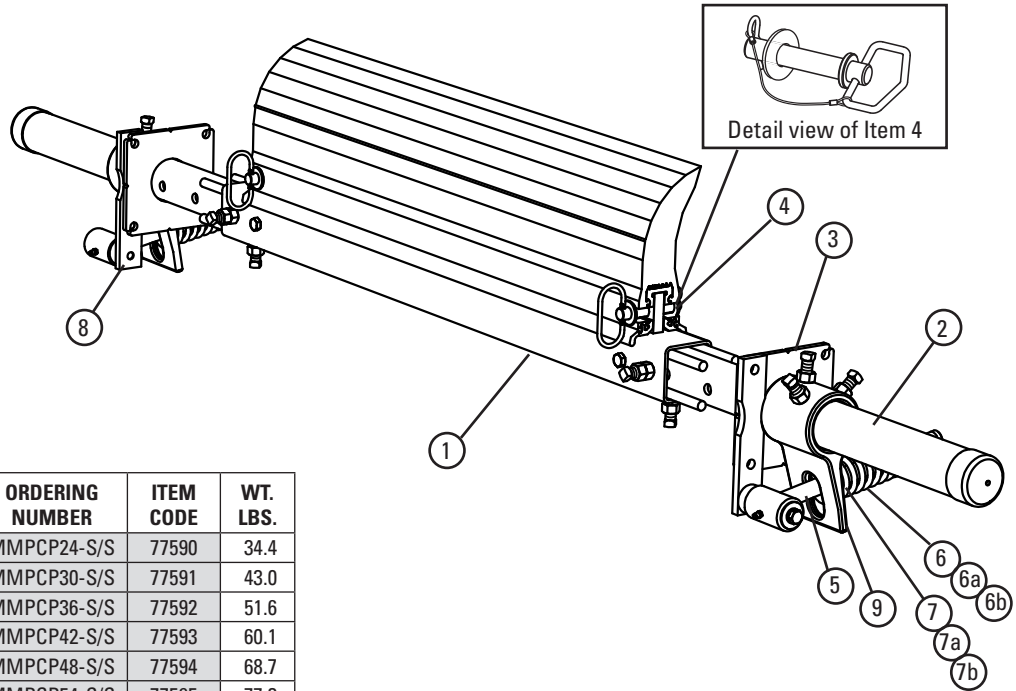
Spring Tensioner Selection Chart

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

U.S. Patent No. D482,508S

Replacement Parts List

Stainless Steel MMP Medium Mine-Duty Precleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) SS Center Pole	MMPCP24-S/S	77590	34.4
	30" (750mm) SS Center Pole	MMPCP30-S/S	77591	43.0
	36" (900mm) SS Center Pole	MMPCP36-S/S	77592	51.6
	42" (1050mm) SS Center Pole	MMPCP42-S/S	77593	60.1
	48" (1200mm) SS Center Pole	MMPCP48-S/S	77594	68.7
	54" (1350mm) SS Center Pole	MMPCP54-S/S	77595	77.3
	60" (1500mm) SS Center Pole	MMPCP60-S/S	77596	85.9
	72" (1800mm) SS Center Pole	MMPCP72-S/S	77597	103.1
	84" (2100mm) SS Center Pole	MMPCP84-S/S	77598	120.3
	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.)	QMPAK-S/S	77587	4.3
6	SS Tension Spring - Purple (1 ea.) for blades 24" (600mm)	QMTS-P-S/S	77450	0.6
6a	SS Tension Spring - White (1 ea.) for blades 30" - 48" (750 - 1200mm)	QMTS-W-S/S	77451	1.7
6b	SS Tension Spring - Gold (1 ea.) for blades 54" - 78" (1350 - 1950mm)	QMTS-G-S/S	77452	2.5
6c	SS Tension Spring - Silver (1 ea.) for blades 84"-90" (2100-2250mm)	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) for blades 18" - 24" (450 - 600mm)	QMT-P-S/S	77584	20.4
-	SS QMT Spring Tensioner* - White (incl. 1 ea. Items 5, 6a, 7a, 8, & 9) for blades 30" - 48" (750 - 1200mm)	QMT-W-S/S	77585	21.8
-	SS QMT Spring Tensioner* - Gold (incl. 1 ea. Items 5, 6b, 7b, 8, & 9) for blades 54" - 78" (1350 - 1800mm)	QMT-G-S/S	77586	23.2
-	SS QMT Spring Tensioner* - Silver (incl. 1 ea. Items 5, 6c, 7a, 8 & 9) for blades 84"-90" (2100-2250mm)	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

U.S. Patent No. D482,508S

Product Ordering Information

MHP
Mine Tough Heavy-Duty Precleaner



Belt Width Minus 6" (150mm)

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

Belt Width Minus 12" (300mm)

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

Belt Width Minus 18" (450mm)

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

Lead time: 1 working day

Belt Width Minus 24" (600mm)

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	243.3
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

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 heavy-duty conveyor applications.
- Material Path Option: Fit the blade width to the belt's material path. The material path is typically the center 2/3 of the belt width. In most cases a blade size of belt width minus 6" may be the best solution.
- Each cleaner pole is retrofittable for four blade sizes (belt width - 6", - 12", - 18" or - 24") (-150mm, -300mm, -450mm, -600mm).
- Pole Length: Belt width plus 54" (1350mm). For longer requirements see Installation Accessories - Pole Extender Kit (page 140).
- Visual Tension Check: No guesswork on blade tensioning. Measure the spring and adjust to specified length per blade width to restore optimal tensioning.
- To make cleaner installation easier and quicker, see Optional Mounting Kits (page 140).

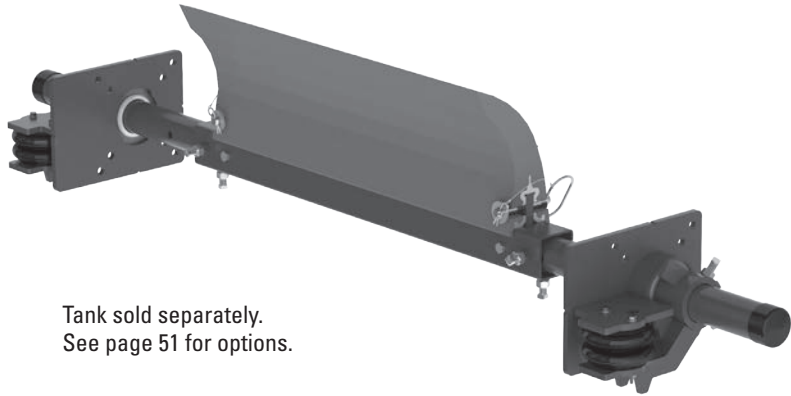
U.S. Patent No. D482,508S

Product Ordering Information

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



PAT Control Box



Tank sold separately.
See page 51 for options.

Belt Width Minus 6" (150mm)

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

Belt Width Minus 12" (300mm)

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

Belt Width Minus 18" (450mm)

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

Lead time: 1 working day

Belt Width Minus 24" (600mm)

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

Product Notes:

- Recommended for heavy-duty conveyor applications.
- Material Path Option: Fit the blade width to the belt's material path. The material path is typically the center 2/3 of the belt width. In most cases a blade size of belt width minus 6" (150mm) may be the best solution.
- Each cleaner pole is retrofittable for four blade sizes (belt width minus 6" (150mm), minus 12" (300mm), minus 18" (450mm) or minus 24" (600mm)).
- Pole Length: Belt width plus 54" (1350mm). For longer requirements see Installation Accessories - Pole Extender Kit (page 140).
- Check tension from regulator in control box. Adjust according to air tension per blade width for optimal tensioning.
- To make cleaner installation easier and quicker, see Optional Mounting Kits (page 140).

U.S. Patent No. D482,508S

Product Ordering Information

Line Connections for Portable Air Tensioner

Air Tanks

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



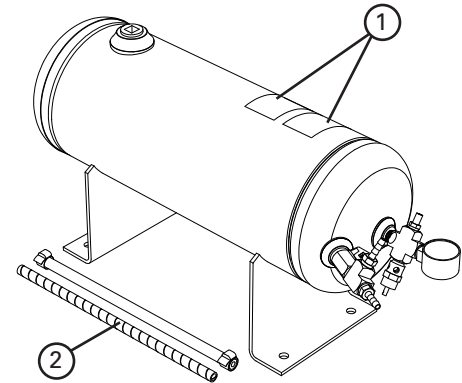
PAT1 (Single)



PAT2 (Dual)

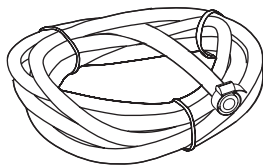
Replacement Parts List

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Tank Label Kit	PATLK	78791	0.1
2	Tank Hose Kit (incl. 1 ea. 10' hose and 1' poly spiral wrap, 2 hose clamps)	PATHK	78794	1.5



Product Notes:

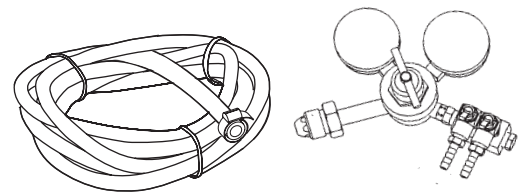
- For use with PAT cleaner assemblies and PAT control box.
- Single for applications with one cleaner, double for applications with two cleaners.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction.



Air Line Connection for Site-Accessible Air

ORDERING NUMBER	ITEM CODE	WT. LBS.
PATHK*	78794	1.5

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



Nitrogen Tank Connection for Site-Provided Nitrogen Tank

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

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

Product Ordering Information

MegaShear™
Replacement Blades



Blade Width Selection

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

Ordering Information

MegaShear™ Replacement 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

Other blade sizes available upon request.

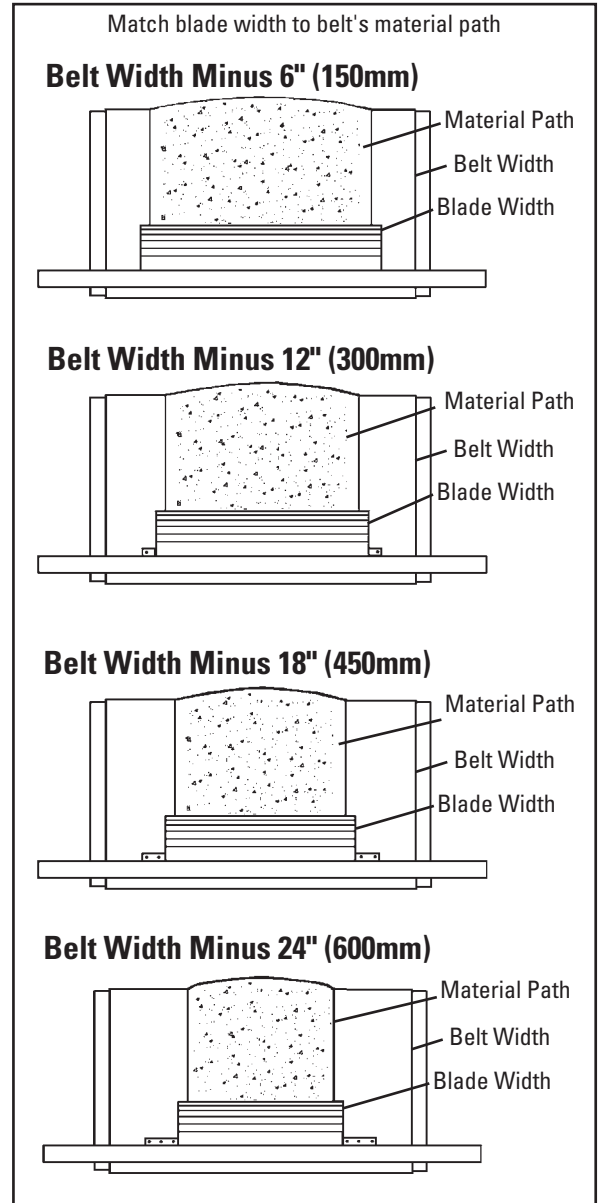
Lead time: 1 working day

Call for pricing and lead time

Product Notes:

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

U.S. Patent No. D482,508S

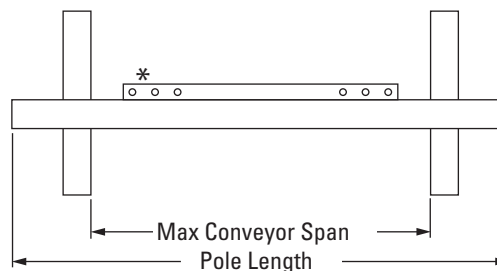


Specifications & Guidelines

Pole Length Specifications*

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

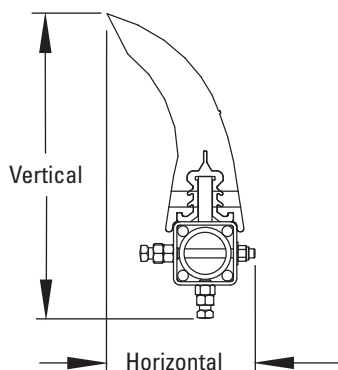
* For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. Pole Diameter - 2-7/8" (73mm). (page 140)



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

Clearance Guidelines for Installation

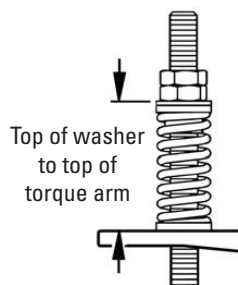
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
8	200	19.5	488



Spring Length Chart

Blade Width	White Springs	Silver Springs	Red Springs
18"	5 3/4"	6 3/8"	6 1/2"
24"	5 3/8"	6 1/4"	6 3/8"
30"	5 1/8"	6 1/8"	6 3/8"
36"	4 3/4"	6 1/8"	6 1/4"
42"	4 1/2"	6"	6 1/4"
48"	N/A	5 7/8"	6 1/8"
54"	N/A	5 3/4"	6 1/8"
60"	N/A	5 3/4"	6"
66"	N/A	5 5/8"	6"
72"	N/A	5 1/2"	5 7/8"
78"	N/A	5 1/8"	5 7/8"
84"	N/A	N/A	5 3/4"
90"	N/A	N/A	5 5/8"
96"	N/A	N/A	5 1/2"
102"	N/A	N/A	5 1/2"

Shading indicates preferred spring option.



Pressure Chart (PAT)

Blade Width	PSI
18"	8#
24"	10#
30"	13#
36"	15#
42"	18#
48"	20#
54"	23#
60"	25#
66"	28#
72"	31#
78"	33#
84"	36#
90"	38#

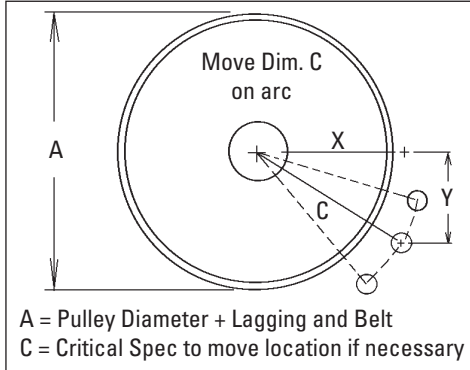
Specifications:

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

Specifications & Guidelines

MHP
Mine Tough Heavy-Duty Precleaner

Pole Location Specs



X & Y Chart for Pole Location

Pulley Diameter (including belt and lagging)	X	Y	C
20"	10"	14-3/8"	17-1/2"
21"	10-1/2"	14-3/8"	17-3/4"
22"	11"	14-3/8"	18-1/8"
23"	11-1/2"	14-3/8"	18-3/8"
24"	12"	14-3/8"	18-3/4"
25"	12-1/2"	14-3/8"	19"
26"	13"	14-3/8"	19-3/8"
27"	13-1/2"	14-3/8"	19-3/4"
28"	14"	14-3/8"	20-1/8"
29"	14-1/2"	14-3/8"	20-3/8"
30"	15"	14-3/8"	20-3/4"
31"	15-1/2"	14-3/8"	21-1/8"
32"	16"	14-3/8"	21-1/2"
33"	16-1/2"	14-3/8"	21-7/8"
34"	17"	14-3/8"	22-1/4"
35"	17-1/2"	14-3/8"	22-5/8"
36"	18"	14-3/8"	23"
37"	18-1/2"	14-3/8"	23-3/8"
38"	19"	14-3/8"	23-7/8"
39"	19-1/2"	14-3/8"	24-1/4"
40"	20"	14-3/8"	24-5/8"
41"	20-1/2"	14-3/8"	25"
42"	21"	14-3/8"	25-1/2"
43"	21-1/2"	14-3/8"	25-7/8"
44"	22"	14-3/8"	26-1/2"

X & Y Chart for Pole Location

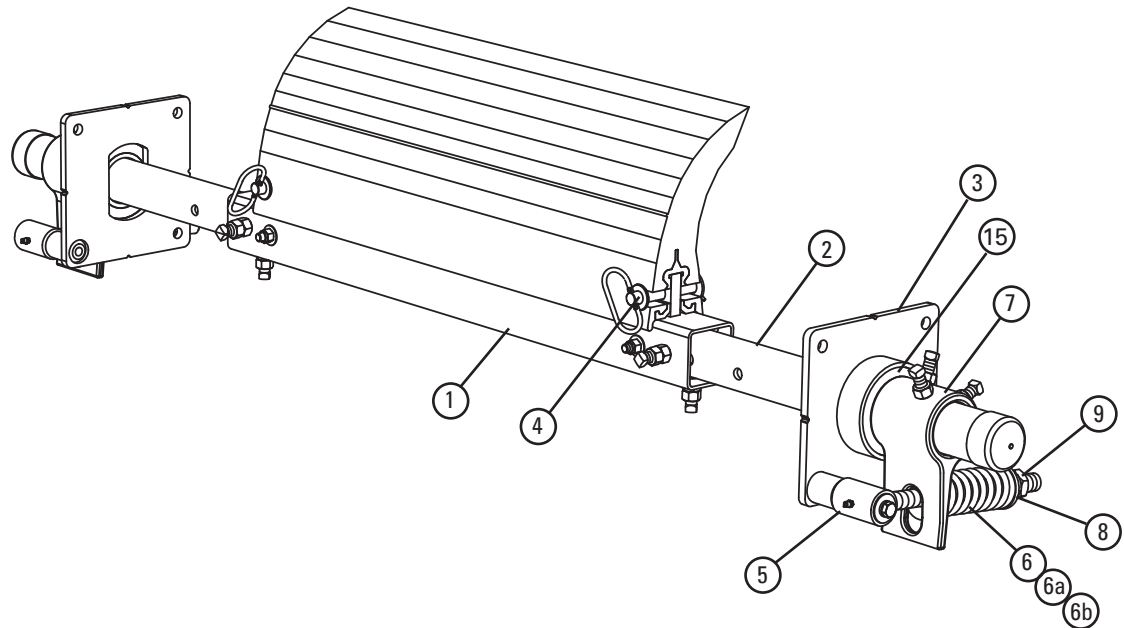
Pulley Diameter (including belt and lagging)	X	Y	C
45"	22-1/2"	14-3/8"	27"
46"	23"	14-3/8"	27 1/2"
47"	23-1/2"	14-3/8"	28"
48"	24"	14-3/8"	28 1/2"
49"	24-5/8"	14-3/8"	29"
50"	25-1/8"	14-3/8"	29 1/2"
51"	25-3/4"	14-3/8"	30"
52"	26-3/8"	14-3/8"	30 1/2"
53"	26-7/8"	14-3/8"	31"
54"	27-1/2"	14-3/8"	31 1/2"
55"	28-1/8"	14-3/8"	32"
56"	28-5/8"	14-3/8"	32 1/2"
57"	29-1/8"	14-3/8"	33"
58"	29-3/4"	14-3/8"	33 1/2"
59"	30-1/4"	14-3/8"	34"
60"	30-7/8"	14-3/8"	34 1/2"
61"	31-3/8"	14-3/8"	35"
62"	31-7/8"	14-3/8"	35 1/2"
63"	32-1/2"	14-3/8"	36"
64"	33"	14-3/8"	36 1/2"
65"	33-1/2"	14-3/8"	37"
66"	34-1/8"	14-3/8"	37 1/2"
67"	34-5/8"	14-3/8"	38"
68"	35-1/8"	14-3/8"	38 1/2"
69"	35-3/4"	14-3/8"	39"

X & Y Chart for Pole Location

Pulley Diameter (including belt and lagging)	X	Y	C
70"	36-1/4"	14-3/8"	39 1/2"
71"	36-3/4"	14-3/8"	40"
72"	37-3/8"	14-3/8"	40 1/2"
73"	37-7/8"	14-3/8"	41"
74"	38-3/8"	14-3/8"	41 1/2"
75"	38-7/8"	14-3/8"	42"
76"	39-1/2"	14-3/8"	42 1/2"
77"	40"	14-3/8"	43"
78"	40-1/2"	14-3/8"	43 1/2"
79"	41"	14-3/8"	44"
80"	41-5/8"	14-3/8"	44 1/2"
81"	42-1/8"	14-3/8"	45"
82"	42-5/8"	14-3/8"	45 1/2"
83"	43-1/8"	14-3/8"	46"
84"	43-3/4"	14-3/8"	46 1/2"

Replacement Parts List

MHP
Mine Tough Heavy-Duty Precleaner

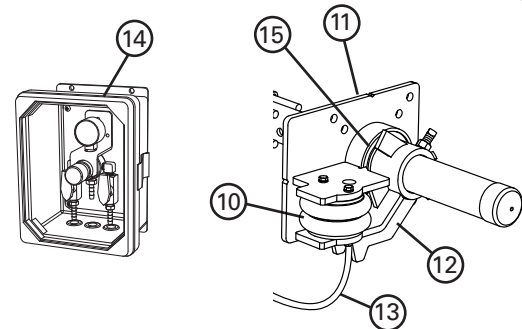


Replacement Parts

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
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
5	Torque Pivot Kit* (1 ea.)	PTPK	75897	7.0
6	Tension Spring - White (1 ea.) for blades 18" - 42" (450 - 1050mm)	PSTS-W	75898	1.7
6a	Tension Spring - Silver (1 ea.) for blades 48" - 78" (1200 - 1950mm)	PSTS-S	75899	3.0
6b	Tension Spring - Red (1 ea.) for blades 84" - 90" (2100 - 2250mm)	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) for blades 18" - 42" (450 - 1050mm)	PST2-W	77723	86.1
-	PST Spring Tensioner* - Silver (incl. 2 ea. Items 3, 5, 6a, 7, & 8) for blades 48" - 78" (1200 - 1950mm)	PST2-S	77724	87.4
-	PST Spring Tensioner* - Red (incl. 2 ea. Items 3, 5, 6b, 7 & 8) for blades 84" - 90" (2100 - 2250mm)	PST2-R	77725	88.8

*Hardware Included

Lead Time: 1 working day



PAT Air & Nitrogen Tensioner Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
10	Air/Water 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 and 6 hose clamps)	AWTHK	75909	6.7
14	PAT Control Box 60 psi	PACB60	78683	11.0
15	Pole Bearing Assy (for cleaners shipped after 4/2016)	AWTPBA	90000	2.3
-	PAT Kit- AWT Tensioner w/Control Box (includes 2 ea. Items 10, 11, 12 & 1 ea. Items 13, 14)	PAK	78705	86.2
-	AWT Air/Water Tensioner w/o Control Box (includes 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" - 90" (2100 - 2250mm)			X

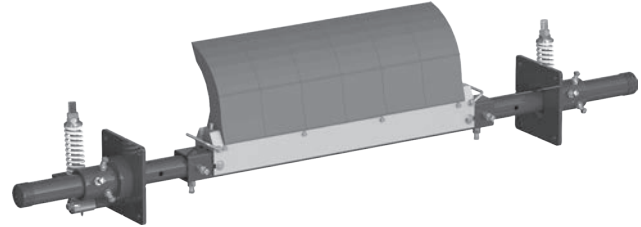
Product Ordering Information

MHCP Heavy-Duty Cartridge Precleaner

MHCP HD Cartridge Precleaner with Spring Tensioner (PST)

BELT WIDTH		BLADE COVERAGE		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
24	600	18	450	MHCP-24S	75929	192.1
30	750	24	600	MHCP-30S	75930	207.2
36	900	30	750	MHCP-36S	75931	222.4
42	1050	36	900	MHCP-42S	75932	237.4
48	1200	42	1050	MHCP-48S	75933	252.5
54	1350	48	1200	MHCP-54S	75934	267.6
60	1500	54	1350	MHCP-60S	75935	282.7
72	1800	66	1650	MHCP-72S	75936	312.8
84	2100	78	1950	MHCP-84S	76800	364.9
96	2400	90	2250	MHCP-96S	78955	417.0

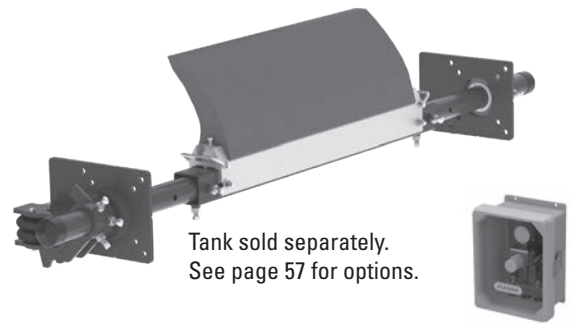
Lead time: 1 working day



MHCP HD Cartridge Precleaner with Portable Air Tensioner (PAT)

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

Lead time: 1 working day



Tank sold separately.
See page 57 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" (150mm). Can be adjusted to belt's material path.
- Pole Length: Belt width plus 58" (1450mm). For longer requirements see Installation Accessories - Pole Extender Kit (page 140).
- Tensioner Options: 1) PST Spring Tensioner for self-adjusting tensioning with easy retensioning adjustments; 2) AWT Air/Water Tensioner for automatic tensioning throughout the life of the blades; 3) NT Nitrogen Tensioner for automatic tensioning with a nitrogen tank; 4) Portable Air Tensioner used for constant, automatic tension throughout the life of the blades. Can be used with site available air lines or with the add-on air tank.
- To make cleaner installation easier and quicker, see Optional Mounting Kits (page 140)

Product Ordering Information

Line Connections for Portable Air Tensioner

Air Tanks

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



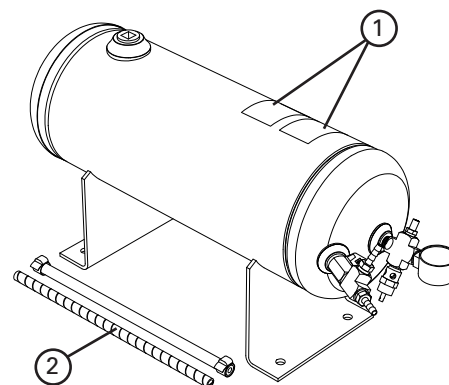
PAT1 (Single)



PAT2 (Dual)

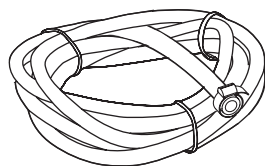
Replacement Parts List

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Tank Label Kit	PATLK	78791	0.1
2	Tank Hose Kit (incl. 1 ea. 10' hose and 1' poly spiral wrap, 2 hose clamps)	PATHK	78794	1.5



Product Notes:

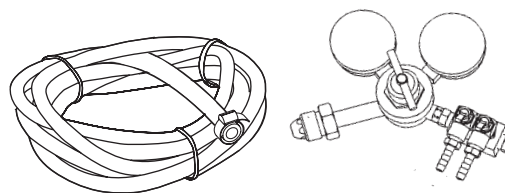
- For use with PAT cleaner assemblies and PAT control box.
- Single for applications with one cleaner, double for applications with two cleaners.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction.



Air Line Connection for Site-Accessible Air

ORDERING NUMBER	ITEM CODE	WT. LBS.
PATHK*	78794	1.5

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



Nitrogen Tank Connection for Site-Provided Nitrogen Tank

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

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

Optional Assemblies, Tensioners & Kits

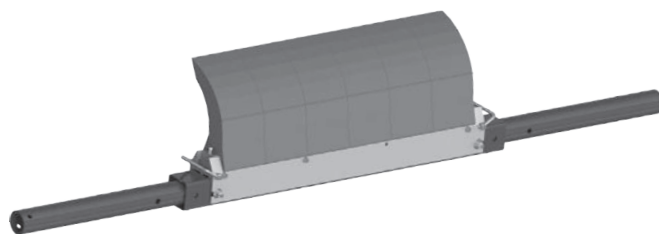
MHCP Heavy-Duty Cartridge Precleaner

Blade/Pole Assemblies

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

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

Lead time: 1 working day



Tensioners

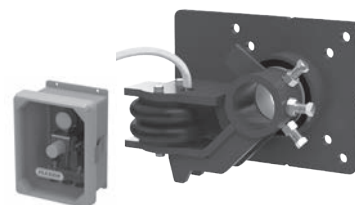
(Includes tensioners for both pole ends)

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" - 96" (1350-2400mm)	PST2-S	77724	86.2
PST Spring Tensioner - Red for belts 96" (2400mm)	PST2-R	77725	86.2
PAT Kit- PAT Tensioner	PAK	78705	86.2

Lead time: 1 working day



PST Spring Tensioner



PAT AirTensioner and
Control Box

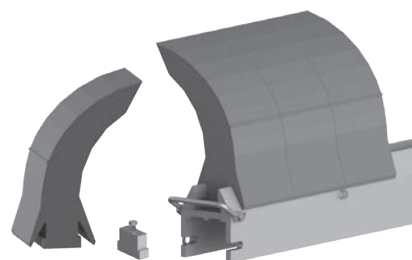
Blade Cartridge Kits

(Includes blades, cartridge, and mounting bolts)

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. 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



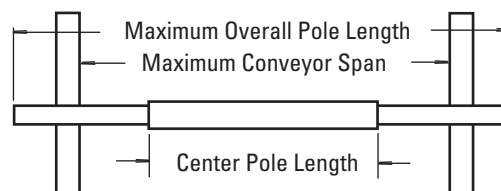
Blade Cartridge Kit

Specifications & Guidelines

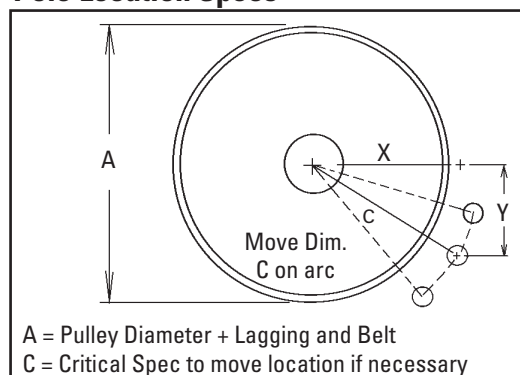
Telescoping Pole Length Specifications

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" (73mm)

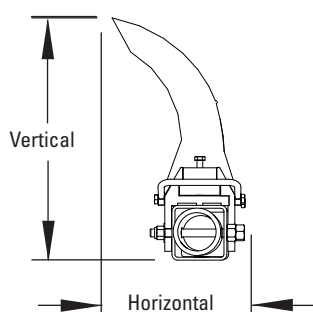


Pole Location Specs



Clearance Guidelines for Installation

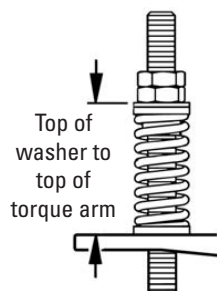
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
7	175	19	475



Spring Length Chart

Blade Width	White Springs	Silver Springs	Red Springs
18"	5 3/4"	6 3/8"	6 1/2"
24"	5 3/8"	6 1/4"	6 3/8"
30"	5 1/8"	6 1/8"	6 3/8"
36"	4 3/4"	6 1/8"	6 1/4"
42"	4 1/2"	6"	6 1/4"
48"	N/A	5 7/8"	6 1/8"
54"	N/A	5 3/4"	6 1/8"
60"	N/A	5 3/4"	6"
66"	N/A	5 5/8"	6"
72"	N/A	5 1/2"	5 7/8"
78"	N/A	5 1/8"	5 7/8"
84"	N/A	N/A	5 3/4"
90"	N/A	N/A	5 5/8"
96"	N/A	N/A	5 1/2"
102"	N/A	N/A	5 1/2"

Shading indicates preferred spring option.



Air/Water or Nitrogen Pressure Chart

BLADE WIDTH	BLADES	PSI
18"	3	8#
24"	4	10#
30"	5	13#
36"	6	15#
42"	7	18#
48"	8	20#
54"	9	23#
60"	10	25#
66"	11	28#
72"	12	31#
78"	13	33#
84"	14	36#
90"	15	38#

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

Pole Location Chart

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

Specifications:

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

Replacement Parts List

MHCP Heavy-Duty Cartridge Precleaner

Replacement Parts List

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

PST Spring Tensioner Replacement Parts

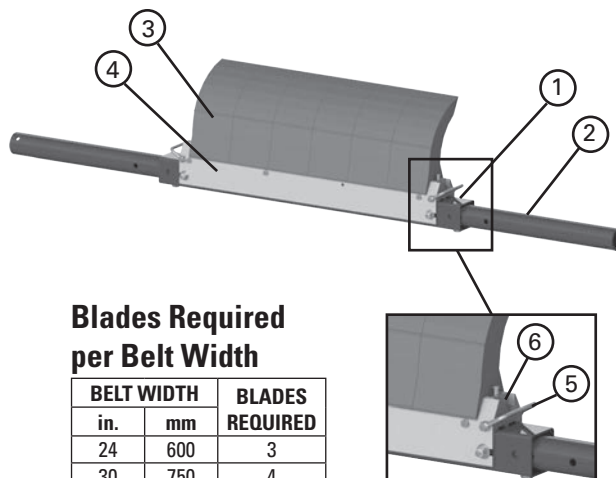
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
7	Mounting Plate Kit * (2 ea.)	MHPMPK	77727	44.4
8	Torque Arm * (1 ea.)	PSTA	75896	11.4
9	Torque Pivot Kit (1 ea.) (no spring)	PTPK	75897	7.0
10	Tension Spring - White (1 ea.) for belts 24" - 48" (600-1200mm)	PSTS-W	75898	1.7
10a	Tension Spring - Silver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

*Hardware Included Lead time: 1 working day

Air/Water Tensioner Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
13	Air/Water 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/Water Tensioner w/o Control Box (includes 2 each items 12, 13, 14 & 1 each item 15)	AWTNCB	76069	75.2
18	PAT Control Box 60 psi	PACB60	78683	11.0
-	PAT Kit- PAT Tensioner (includes 2 each items 12, 13, 14 & 1 each items 15 & 16)	PAK	78705	86.2

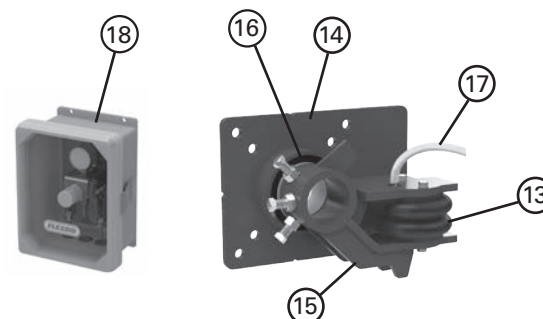
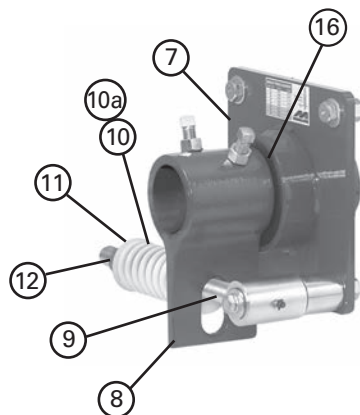
*Hardware Included Lead time: 1 working day



Blades Required per Belt Width

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

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



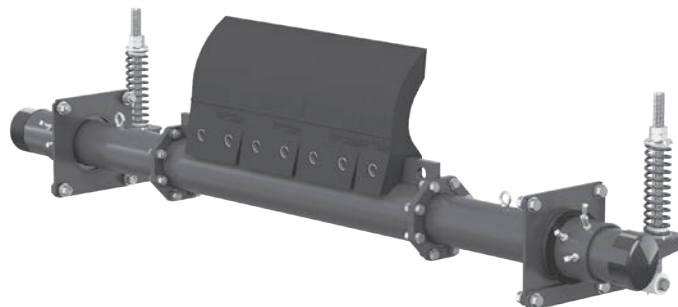
Product Ordering Information

MXP
Extreme-Duty Precleaner

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

BELT WIDTH		BLADE COVERAGE		ORDERING NUMBER	ITEM CODE	WT. LBS.
		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



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

BELT WIDTH		BLADE COVERAGE		ORDERING NUMBER	ITEM CODE	WT. LBS.
		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:

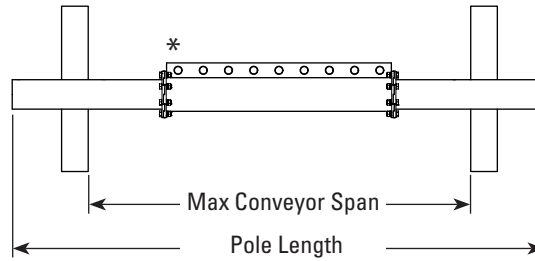
- Heavy-duty design with massive UltraShear™ blades for constant cleaning power on abusive beltlines.
- Blade width options for belt width minus 6" (150mm) or belt width minus 12" (300mm). Can be adjusted to belt's material path.
- Pole Length: Belt width plus 79" (2000mm).
- Tensioner: XDST Spring Tensioner
- To make cleaner installation easier and quicker, see Optional Mounting Kits (page 140).

Specifications & Guidelines

MXP
Extreme-Duty Precleaner

Pole Length Specifications*

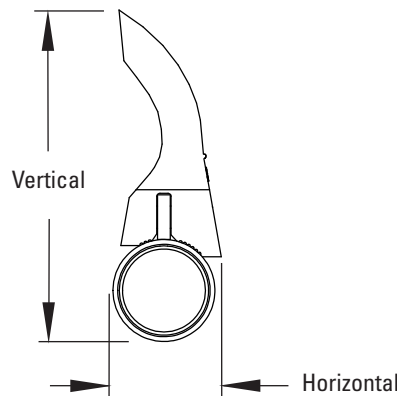
CLEANER SIZE		MAX OVERALL POLE LENGTH		CENTER POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
42	1050	121	3050	48	1200	105	2667
48	1200	127	3200	54	1350	111	2819
54	1350	133	3350	60	1500	117	2972
60	1500	139	3500	66	1650	123	3124
72	1800	151	3800	78	1950	135	3429
84	2100	163	4100	90	2250	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" (150mm and 300mm) blade segments can be configured to match material path.

Clearance Guidelines for Installation

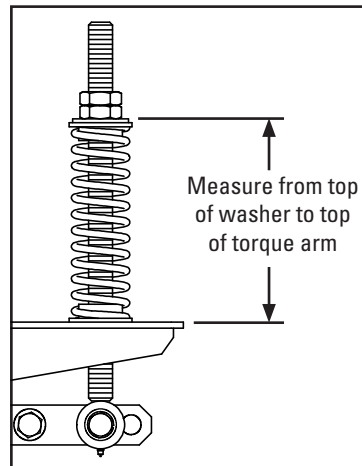
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
12	300	27 1/2	700



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.

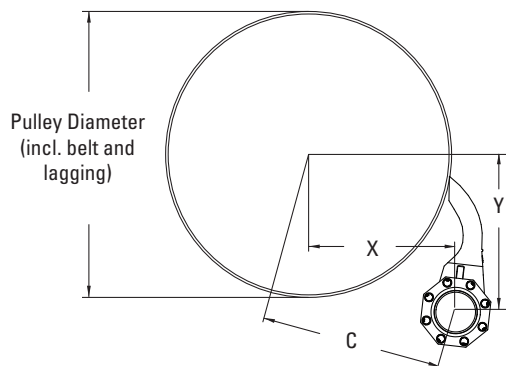


Specifications:

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

Specifications & Guidelines

Pole Location Specs



IMPERIAL X & Y Chart for Pole Location

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

X & Y Chart for Pole Location (cont.)

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

METRIC

X & Y Chart for Pole Location

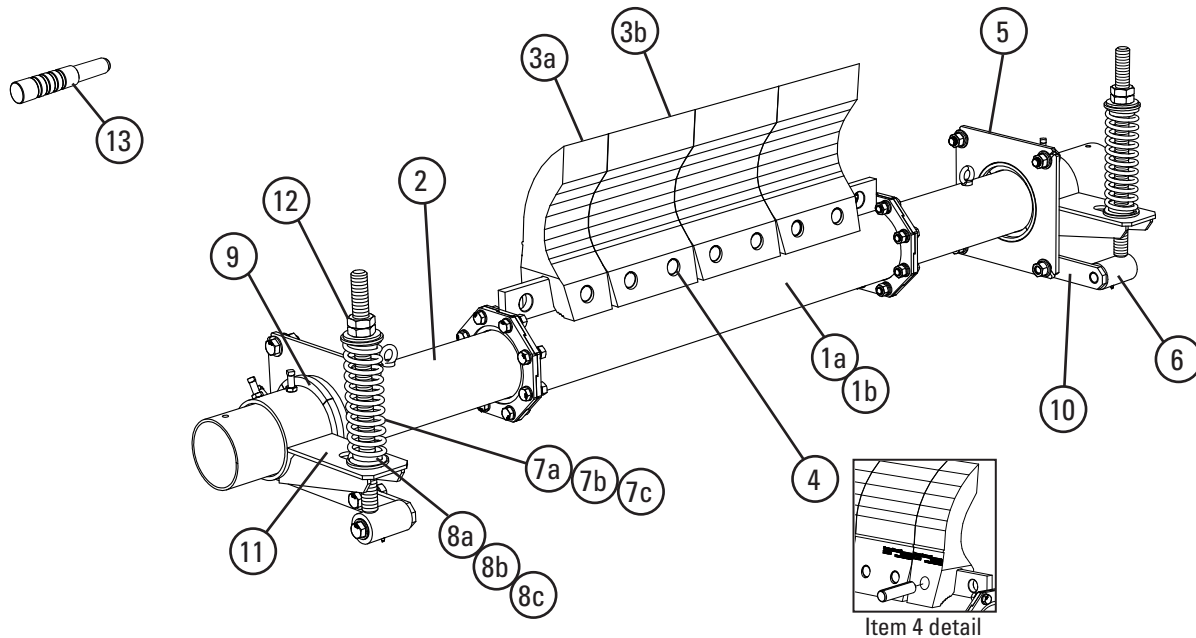
Pulley Diameter (including belt and lagging)	X	Y	C
1225	520	665	845
1250	535	670	855
1275	545	670	865
1300	560	675	875
1325	570	675	885
1350	585	675	895
1375	595	680	905
1400	610	680	915
1425	620	685	925
1450	635	685	935
1475	645	690	945
1500	660	690	955
1525	670	695	965
1550	685	695	975
1575	695	695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

X & Y Chart for Pole Location (cont.)

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

Replacement Parts List

MXP
Extreme-Duty Precleaner



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
1b	120" (3000mm) Center Pole BW-6	MXPP-6120	90596	443.0
	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
2	108" (2700mm) Center Pole BW-12	MXPP-12108	90645	401.0
	120" (3000mm) Center Pole BW-12	MXPP-12120	90629	442.0
	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	UltraShear Blade 6" (150mm)	USB6	90410	20.0
3b	UltraShear Blade 12" (300mm)	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) for blades 42" - 60" (1050 - 1500mm)	XDST-P	90612	206.0
-	XDST Spring Tensioner* - White (incl. 1 ea. items 5, 9; 2 ea. items 6,7b,8b,10,11,12) for blades 72" - 108" (1800 - 2700mm)	XDST-W	90611	212.0
-	XDST Spring Tensioner* - Black (incl. 1 ea. items 5, 9; 2 ea. items 6,7c,8c,10,11,12) for blades 120" (3000mm)	XDST-B	90613	220.0

*Hardware Included
Lead Time: 1 working day

Product Ordering Information

HV2 Segmented Blade Precleaner

HV2 Precleaners with V-Tips

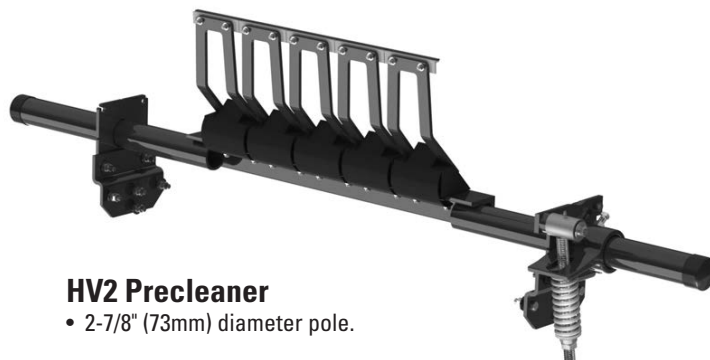
BELT WIDTH		V-TIP SIZE	ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm				
18	450	SS	HV2-18SS	79323	99.5
18	450	S	HV2-18S	79324	100.9
18	450	M	HV2-18M	79325	101.7
24	600	SS	HV2-24SS	79326	112.6
24	600	S	HV2-24S	79327	114.7
24	600	M	HV2-24M	79328	115.9
30	750	SS	HV2-30SS	79329	125.6
30	750	S	HV2-30S	79330	128.4
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



HV2 Precleaner

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

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

HV2 Suspension Arm Size

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

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
HV2-Tips Required	2	3	4	5	6	7	8	9	11

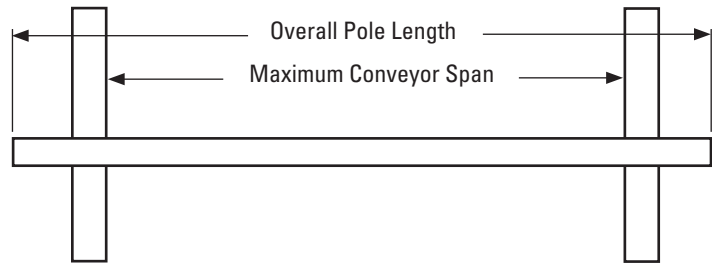
Specifications & Guidelines

HV2 Segmented Blade Precleaner

Pole Length Specifications*

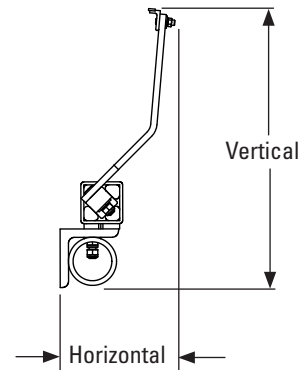
Cleaner Size		Pole Length		Maximum Conveyor Span	
in.	mm	in.	mm	in.	mm
18	450	66	1650	56	1400
24	600	72	1800	62	1550
30	750	78	1950	68	1700
36	900	84	2100	74	1850
42	1050	90	2250	80	2000
48	1200	96	2400	86	2150
54	1350	102	2550	92	2300
60	1500	108	2700	98	2450
72	1800	120	3000	110	2750

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length.
Pole Diameter - 2-7/8" (73mm) (page 140)



Clearance Guidelines for Installation

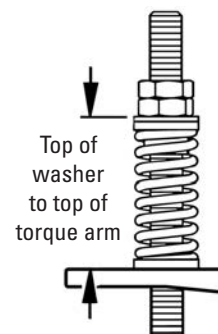
Suspension Arm Size	Horizontal Clearance Required		Vertical Clearance Required	
	in.	mm	in.	mm
SS	8-1/4	210	12-5/8	320
S	8-1/4	210	15-3/8	390
M	8-1/4	210	16-5/8	416
L	8-1/4	210	17-1/2	445
LL	8-1/4	210	20-1/8	511



HV2 Spring Length Chart (for optimal blade tensioning)

Belt Width		Tips	Spring Length									
			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

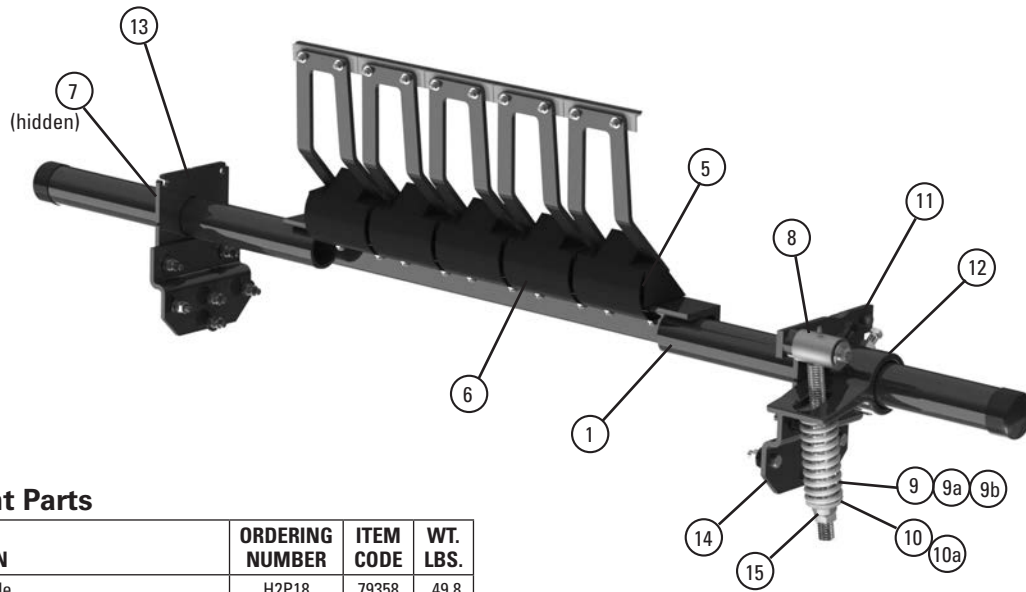


Specifications:

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

Replacement Parts List

HV2 Segmented Blade Precleaner



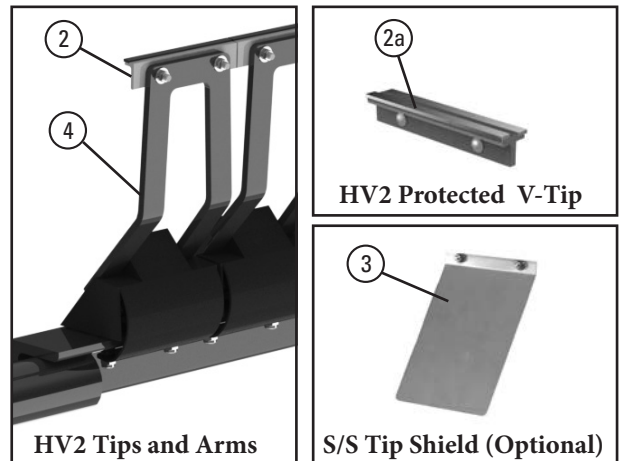
Replacement Parts

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
	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 9a, 10a, 11, 12, 13)	QMT-P	76074	20.4
-	QMT Spring Tensioner* - White (incl. 1 ea. Items 9b, 10b, 11, 12, 13)	QMT-W	76075	21.8
-	QMT Spring Tensioner* - Silver (incl. 1 ea. Items 9c, 10b, 11, 12, 13)	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 Precleaner Size	76074 QMT-P	76075 QMT-W	76402 QMT-S
18" SS,S,M; 24" S,S; 30" SS,S	X		
24" M; 30" M; 36" SS-L; 42" SS-L; 48" SS-LL; 54" S-L; 60" S; 72" S		X	
54" LL; 60" M-LL; 72" 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
HV2-Tips Required	2	3	4	5	6	7	8	9	11

Product Ordering Information

H-Type with XF2-Tips Segmented Blade Precleaner

H-Type® with XF2-Tips

BELT WIDTH		XF2-TIP SIZE	ORDERING NUMBER	ITEM CODE	WT. 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



H-Type Precleaner with XF2-Tips

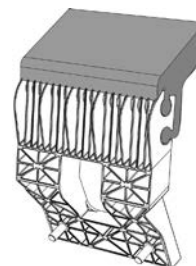
- 2 7/8" (73mm) diameter pole.

Replacement XF2-Tips

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

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

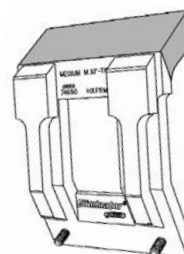
Lead time: 1 working day



Replacement XF-Tips

SIZE	ORDERING NUMBER	ITEM CODE	WT. 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



Tips Required per Cleaner Size

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

XF2-Tip & XF-Tip Size

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

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

Specifications & Guidelines

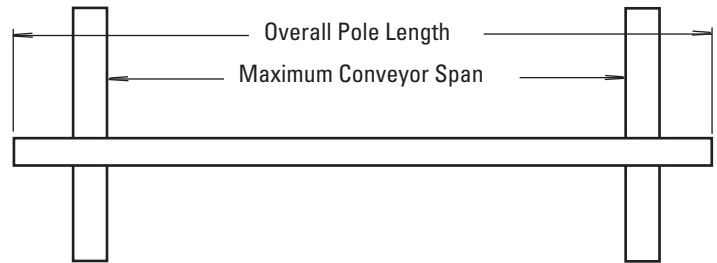
H-Type with XF2-Tips Segmented Blade Precleaner

Pole Length Specifications*

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

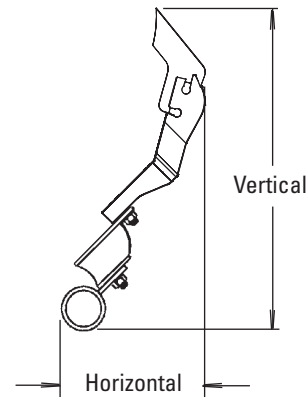
*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. (page 140).

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



Clearance Guidelines for Installation

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

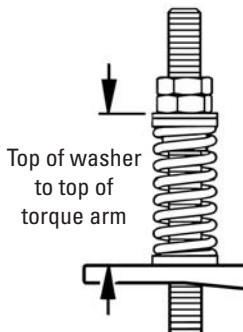


Spring Length Chart

with QMT Spring Tensioner

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

Purple Spring
 White Spring
 Silver Spring



Specifications:

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

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

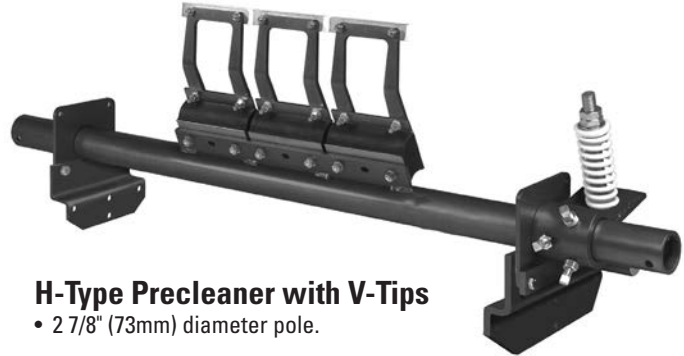
Product Ordering Information

H-Type with V-Tips Segmented Blade Precleaner

H-Type® with V-Tips*

BELT WIDTH		SUSPENSION ARM SIZE	ORDERING NUMBER	ITEM CODE	WT. 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



H-Type Precleaner with V-Tips

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

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
V-Tips Required	2	3	3	4	5	5	6	7	8

Suspension Arm Size

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

Specifications & Guidelines

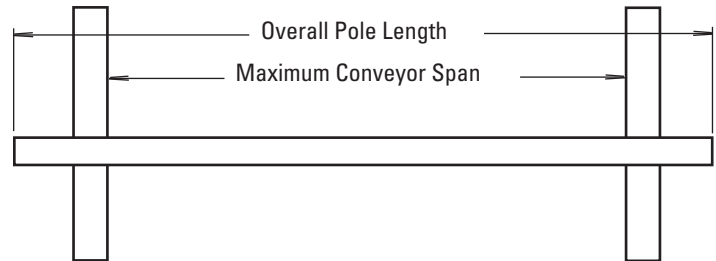
H-Type with V-Tips Segmented Blade Precleaner

Pole Length Specifications*

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

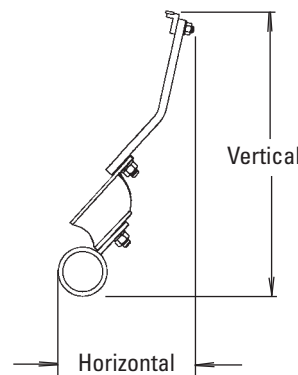
*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. (page 140).

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



Clearance Guidelines for Installation

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

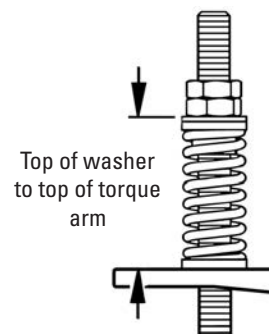


Spring Length Chart

with QMT Spring Tensioner

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

Purple Spring
 White Spring
 Silver Spring



Specifications:

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

Product Ordering Information

H-Type with Protected V-Tips Segmented Blade Precleaner

H-Type® with Protected V-Tips*

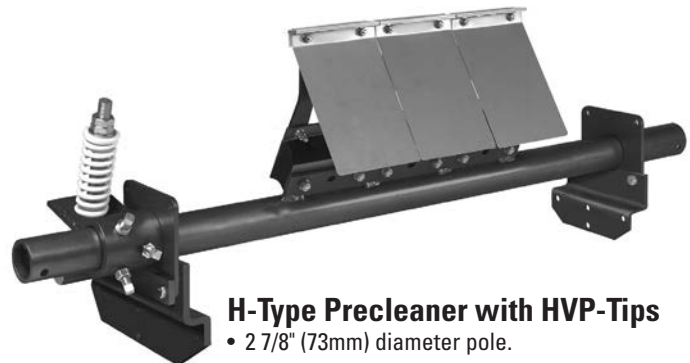
For abusive applications where materials being cleaned off the belt wear the back sides of the cleaner's V-Tips.

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

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

Tips Required per Cleaner Size

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



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

Replacement Protected V-Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
HVPT	73631	2.7

Lead time: 1 working day

Replacement Suspension Arms

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

Lead time: 1 working day

Suspension Arm Size

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

Specifications & Guidelines

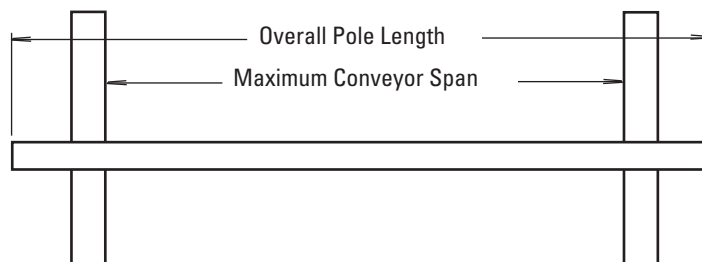
H-Type with Protected V-Tips Segmented Blade Precleaner

Pole Length Specifications*

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

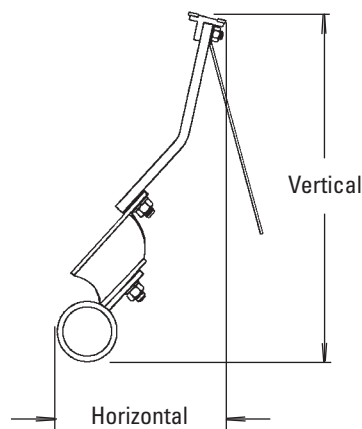
*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. (page 140).

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



Clearance Guidelines For Installation

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

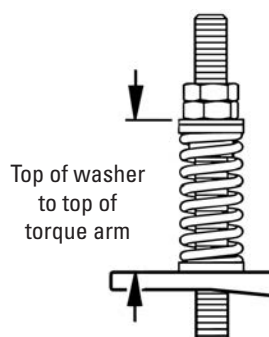


Spring Length Chart

with QMT Spring Tensioner

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

Purple Spring
 White Spring
 Silver Spring

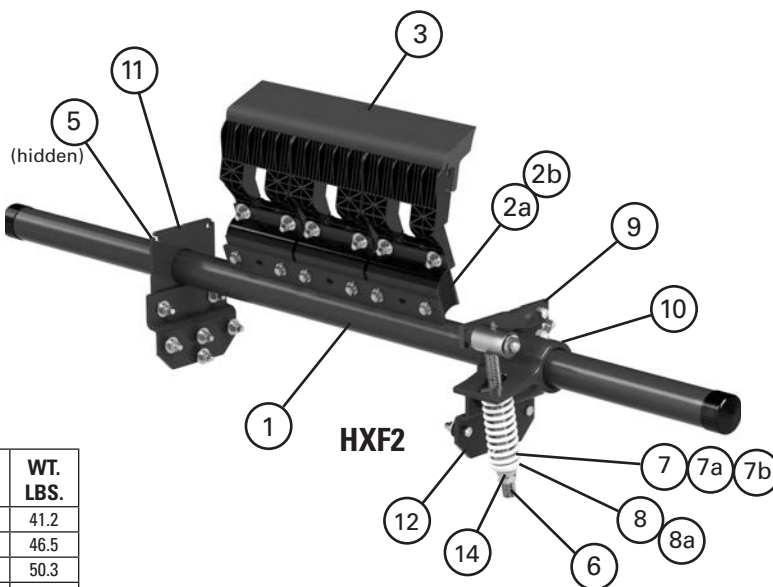


Specifications:

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

Replacement Parts List

H-Type Segmented Blade Precleaners



Replacement Parts

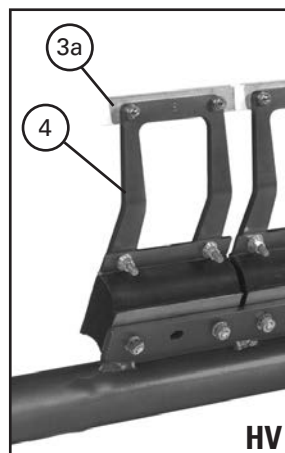
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	H78P18	76110	41.2
	24" (600mm) Pole	H78P24	76111	46.5
	30" (750mm) Pole	H78P30	76112	50.3
	36" (900mm) Pole	H78P36	76113	55.7
	42" (1050mm) Pole	H78P42	76114	61.1
	48" (1200mm) Pole	H78P48	76115	64.9
	54" (1350mm) Pole	H78P54	76116	70.3
	60" (1500mm) Pole	H78P60	76117	99.8
	72" (1800mm) Pole	H78P72	76118	113.0
2a	H2 XF-Tip Cushion* (for S, M, L HXF2-Tips; or S - LL Susp. Arms)	HXFC2	75902	4.0
2b	H2 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
-	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

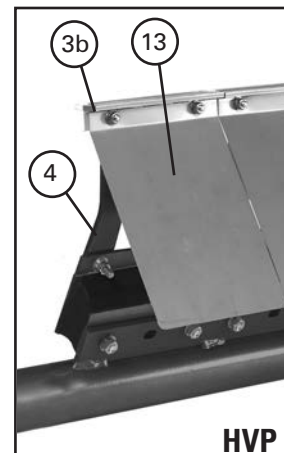
Note: All poles and tensioners are heavy-duty style.

Parts for old style H cleaners - See page 148

Lead time: 1 working day



HV



HVP

Spring Tensioner Selection Chart

CLEANER TYPE AND SIZE	76074 QMT-P	76075 QMT-W	79039 QMT-S
HXF2			
18" SS & S	X		
18" M; 24"-36"; 42"-48" SS & S; 54" SS		X	
42"-48" M & L; 54"-72" S, M, L			X
HV			
18" SS, S, M; 24"-30" SS & S	X		
24"-30" M; 36"-48", 54" S, M, L; 60" S		X	
54" LL; 60" M, L, LL; 72"			X
HVP			
18" S, M; 24"-30" S	X		
24"-30" M; 36"-48"; 54" S, M, L; 60" S		X	
54" LL; 60" M, L, LL; 72"			X

Product Ordering Information

H-Type with V-Tips High Temperature Precleaner



High Temp Precleaner with V-Tips

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

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

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

Lead time: 1 working day

Tips Required per Cleaner Size

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

Replacement Suspension Arms

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

Lead time: 1 working day

Replacement V-Tips

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

Lead time: 1 working day

Replacement Spring

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

Lead time: 1 working day

Suspension Arm Size

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

Product Notes:

- The High Temp Precleaner works in ambient temperatures up to 400°F (204°C) with spikes to 450°F (232°C)
- V-Tips can be used ONLY on vulcanized belts.
- Cleaners come standard with stainless steel tip shields.
- For replacement parts see the old-style H-Type Replacement Parts List (page 148).
- Compatible with reversing belts.

Product Ordering Information

EZS2 Standard Duty Secondary Cleaner

EZS2 Secondary

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

Lead time: 1 working day



Replacement C-Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7

Lead time: 1 working day

Tips Required Per Cleaner Size

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

Product Notes:

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

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

Product Ordering Information

High Temp EZS2 High Temp Secondary Cleaner

High Temp Secondary Cleaner with C-Tips

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

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

Lead time: 1 working day



Replacement C-Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7

Lead time: 1 working day

Replacement Cushion Kit

ORDERING NUMBER	ITEM CODE	WT. LBS.
HTSCK	76094	1.5

Lead time: 1 working day

Tips Required per Cleaner Size

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

Product Notes:

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

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

Specifications & Guidelines

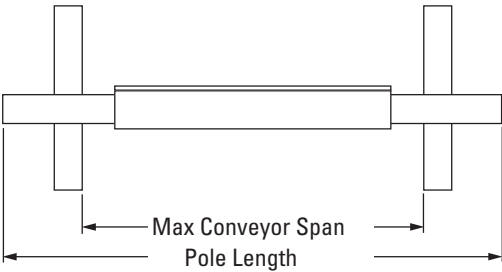
EZS2

Standard Duty Secondary Cleaner

Pole Length Specifications

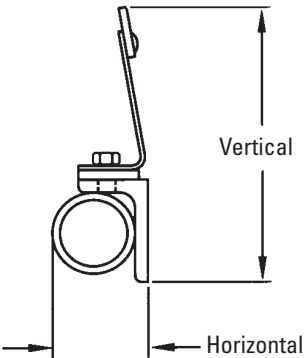
BELT WIDTH		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
18	450	18	450	52	1300	47	1175
24	600	24	600	58	1450	53	1325
30	750	30	750	64	1600	59	1475
36	900	36	900	70	1750	65	1625
42	1050	42	1050	76	1900	71	1775
48	1200	48	1200	82	2050	77	1925
54	1350	54	1350	88	2200	83	2075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

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



Clearance Guidelines for Installation

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

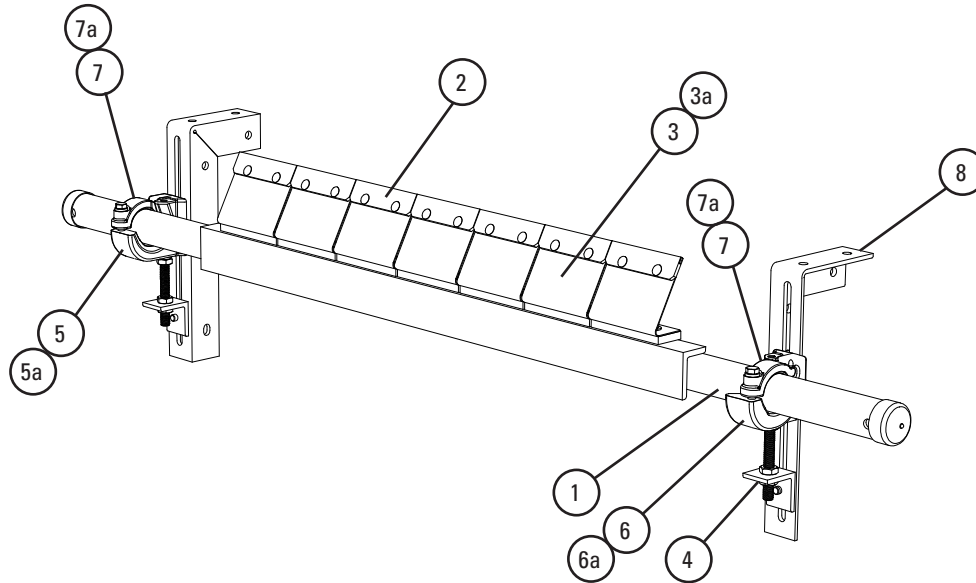


- Specifications:**
- Maximum Belt Speed700 FPM (3.5M/sec)
 - Temperature Rating (EZS2).....-30°F to 200°F (-35°C to 93°C)
 - Temperature Rating (EZS2 High-Temp)Up to 400°F (204°C) with spikes to 450°F (232°C)
 - Usable Blade Wear Length3/8" (9mm)
 - Blade Material.....Impact Resistant Tungsten Carbide
(works with mechanical fasteners)
 - Available for Belt Widths.....18" to 72" (450 to 1800mm)
 - CEMA Cleaner Rating.....Class 3

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

Replacement Parts List

EZS2 Standard Duty Secondary Cleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. 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) (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	CCKHDS	79233	1.7
8	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	13.0
—	Cradle Clamp Mounting Kit* for sizes 18"-54" (450-1350mm) (incl. 2 ea. Items 4 and 1 ea. Items 5, 6 & 8)	CCMK	78919	33.0
—	HD Cradle Clamp Mounting Kit* for sizes 60"-72" (1500-1800mm) (incl. 2 ea. Items 4 and 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

Cleaner Tips and Cushions Required Per Cleaner Size

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

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

Product Ordering Information

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

Y-Type™ Standard Duty with Carbide Blades

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. 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

Y-Type™ Standard Duty with Purple Polyurethane Blades

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

Y-Type™ Standard Duty with White Polyurethane Blades

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

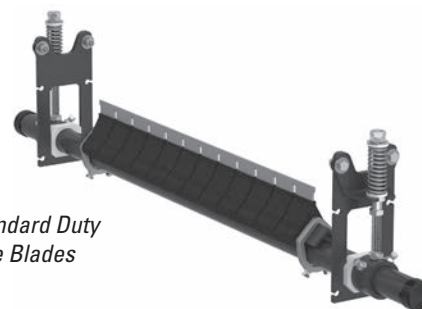
Optional YST Drop Brackets (2)

ORDERING NUMBER	ITEM CODE	WT. LBS.
YSTDBK	79844	19.7

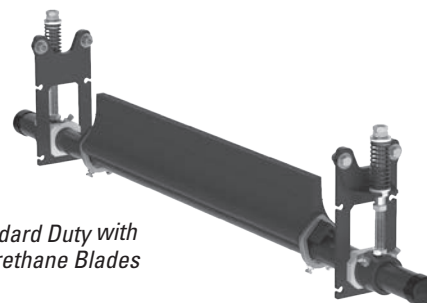
Lead time: 1 working day

Product Notes:

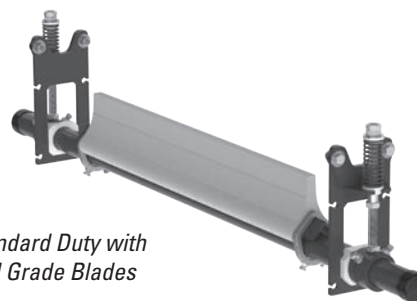
- Works on reversing belts, vulcanized belts, and belts with mechanical fasteners.
- Pole Length: Belt width plus 30" (750mm). For longer requirements, see Installation Accessories – Pole Extender Kit (page 140).
- Visual Blade Tension Check: Measure the tension spring and refer to Spring Length Chart 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 page 140.
- Simple design makes changing the blades fast and easy. Blades can be removed and replaced individually, or all at once by replacing the cartridge.



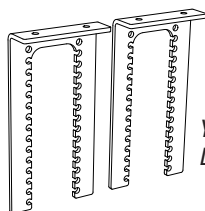
Y-Type™ Standard Duty
with Carbide Blades



Y-Type™ Standard Duty with
Purple Polyurethane Blades



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



YST Standard Duty
Drop Brackets

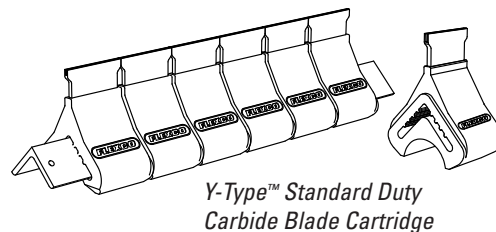
Product Ordering Information

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

Replacement Blades/Cartridges Standard Duty Carbide

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. 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

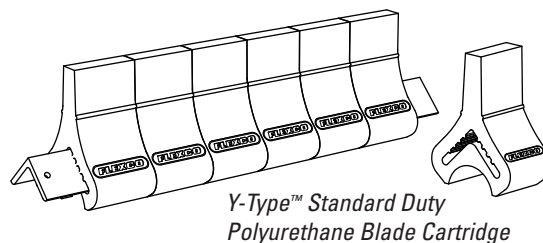
*Single 3" blade segment
Lead time: 1 working day



Replacement Blades/Cartridges Standard Duty Purple Polyurethane

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" blade segment
Lead time: 1 working day



Replacement Blades/Cartridges Standard Duty White† Polyurethane

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" blade segment

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

Lead time: 1 working day

Specifications & Guidelines

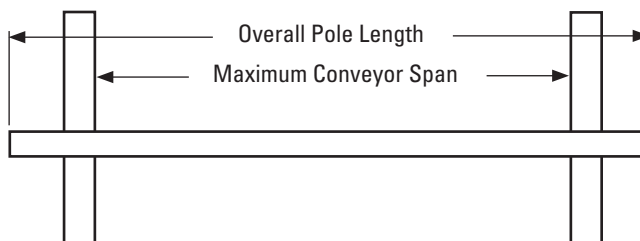
Y-Type™ Standard Duty Secondary Cleaner with YST Tensioner

Pole Length Specifications

Cleaner Size		Pole Length		Maximum Conveyor Span	
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

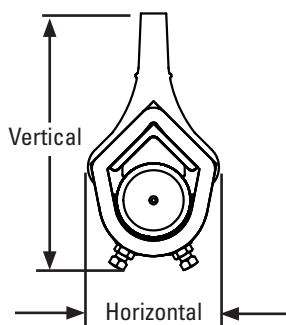
Pole Length - Belt +30" (750mm)

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



Clearance Guidelines for Installation

Cleaner Type	Belt Width/ Cleaner Size		Horizontal Clearance Required		Vertical Clearance Required	
	in.	mm	in.	mm	in.	mm
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



Y-Type Blade Specifications

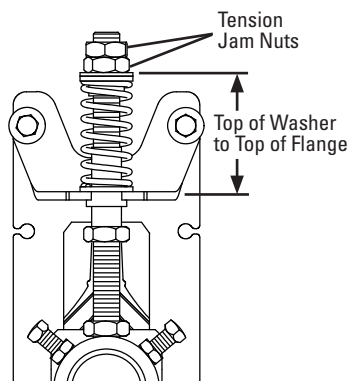
Cushion	Durometer	Temperature Range
Purple (Standard)	86A	-30° to 180°F -35° to 82° C
White (Food Grade) ‡	83A	-30° to 180°F -35° to 82° C
Carbide	86A	-30° to 180°F -35° to 82° C

‡ 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

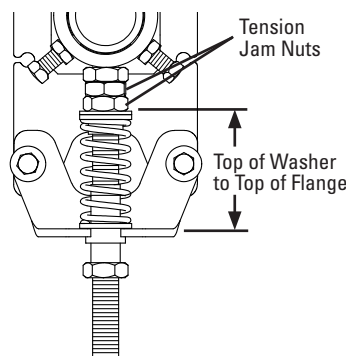
Spring Length Chart

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

Shading indicates preferred spring option.



Pull-Up Tensioner Configuration (SD)



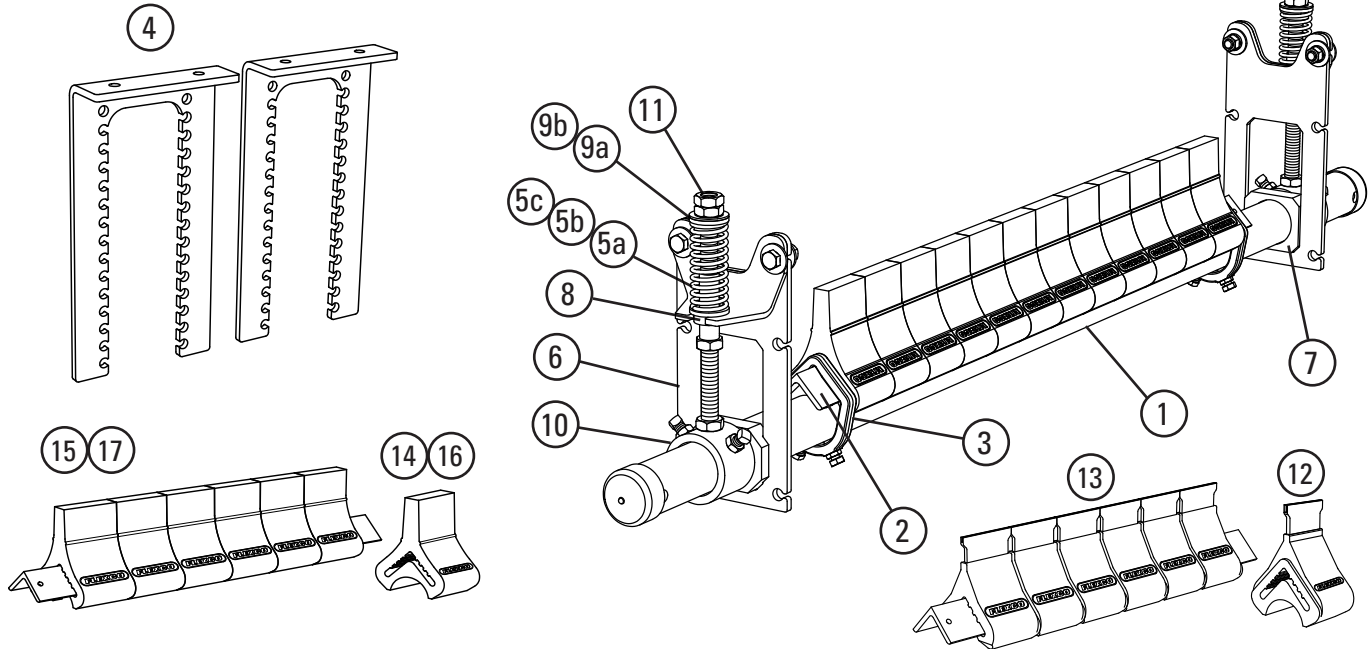
Push-Up Tensioner Configuration (SD)

Specifications:

- Maximum Belt Speed.....600 FPM (3M/sec)
- Temperature Rating.....-30°F to 180°F (-35°C to 82°C)
- Usable Blade Wear Length.....2" (50mm) (Polyurethane)
1/4" (6mm) (Carbide)
- Blade Materials.....**Purple:** Polyurethane (proprietary blend for abrasion resistance and long wear)
White: Polyurethane (chemical resistant/food grade)
Carbide: Tungsten Carbide
- Available for Belt Widths.....18" to 48" (450 to 1200mm). Other sizes available upon request.
- CEMA Cleaner RatingClass 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) Y-Type™ Pole	YTP-18/450	79587	20.2
	24" (600mm) Y-Type Pole	YTP-24/600	79588	22.7
	30" (750mm) Y-Type Pole	YTP-30/750	79589	25.2
	36" (900mm) Y-Type Pole	YTP-36/900	79590	27.7
	42" (1050mm) Y-Type Pole	YTP-42/1050	79591	30.2
	48" (1200mm) Y-Type Pole	YTP-48/1200	79592	32.7
2	18" (450mm) Y-Type Cushion Angle	YTA-18/450	79593	5.7
	24" (600mm) Y-Type Cushion Angle	YTA-24/600	79594	7.3
	30" (750mm) Y-Type Cushion Angle	YTA-30/750	79595	8.9
	36" (900mm) Y-Type Cushion Angle	YTA-36/900	79596	10.4
	42" (1050mm) Y-Type Cushion Angle	YTA-42/1050	79597	12
3	Y-Type Angle Clamp* (2 Clamps)	YTAC	79623	2.2
4	YST Drop Bracket Kit (2 Brackets)	YSTDBK	79844	19.7
5a	YST Spring Yellow	YSTS-Y	79795	0.3
5b	YST Spring Purple	YSTS-P	79796	0.4
5c	YST Spring Silver (Y-Type Carbide Cleaners)	CTS-S	77743	0.5
6	YST Mounting Bracket (incl. Angle Bracket)	YSTMB	79843	3.3
7	YST Guide Block Kit (Pair)	YSTGBK	79845	0.4
8	YST Lower Bushing Kit (Pair)	YSTLBK	79846	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
10	YST Pole Mount Kit*	YSTPMK	79848	4.3
11	YST Adjusting Rod Nut Kit	YSTANK	79857	0.2
-	YST Tensioner w/Yellow Spring (Pair) (incl. 2 ea. item 5a, 6, 10, 11; 1 ea. items 7, 8, 9a)	YST-Y	79836	18.2
-	YST Tensioner w/Purple Spring (Pair) (incl. 2 ea. item 5b, 6, 10, 11; 1 ea. items 7, 8, 9a)	YST-P	79837	18.5
-	YST Tensioner w/Silver Spring (Pair) (incl. 2 ea. item 5c, 6, 10, 11; 1 ea. items 7, 8, 9b)	YST-S	79838	18.8

*Hardware included
Lead time: 1 working day

Replacement Blades/Blade Cartridges

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
12	Y-Type Carbide Blade (single)	YT-C	79574	1.1
13	18" (450mm) Y-Type Carbide Blade Cartridge	YCART-18/450-TC	79811	12.6
	24" (600mm) Y-Type Carbide Blade Cartridge	YCART-24/600-TC	79812	16.5
	30" (750mm) Y-Type Carbide Blade Cartridge	YCART-30/750-TC	79813	20.4
	36" (900mm) Y-Type Carbide Blade Cartridge	YCART-36/900-TC	79814	24.2
	42" (1050mm) Y-Type Carbide Blade Cartridge	YCART-42/1050-TC	79815	28.1
	48" (1200mm) Y-Type Carbide Blade Cartridge	YCART-48/1200-TC	79816	31.9
14	Y-Type Purple Polyurethane Blade (single)	YT-P	79573	1.2
15	18" (450mm) Y-Type Purple Blade Cartridge	YCART-18/450-P	79617	13.1
	24" (600mm) Y-Type Purple Blade Cartridge	YCART-24/600-P	79618	17.1
	30" (750mm) Y-Type Purple Blade Cartridge	YCART-30/750-P	79619	21.1
	36" (900mm) Y-Type Purple Blade Cartridge	YCART-36/900-P	79620	25.1
	42" (1050mm) Y-Type Purple Blade Cartridge	YCART-42/1050-P	79621	29.1
	48" (1200mm) Y-Type Purple Blade Cartridge	YCART-48/1200-P	79622	33.1
16	Y-Type White Polyurethane Blade (single)	YT-W	79572	1.2
17	18" (450mm) Y-Type White Blade Cartridge	YCART-18/450-W	79611	13.1
	24" (600mm) Y-Type White Blade Cartridge	YCART-24/600-W	79612	17.1
	30" (750mm) Y-Type White Blade Cartridge	YCART-30/750-W	79613	21.1
	36" (900mm) Y-Type White Blade Cartridge	YCART-36/900-W	79614	25.1
	42" (1050mm) Y-Type White Blade Cartridge	YCART-42/1050-W	79615	29.1
	48" (1200mm) Y-Type White Blade Cartridge	YCART-48/1200-W	79616	33.1

Lead time: 1 working day

Blades Required per Cleaner Size

in.	18	24	30	36	42	48
mm	450	600	750	900	1050	1200
Blades Required	6	8	10	12	14	16

Spring Tensioner Selection Chart

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

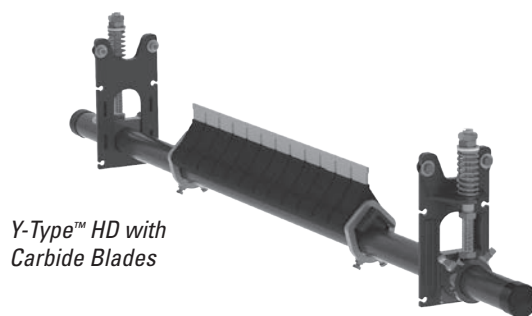
Product Ordering Information

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

Y-Type™ HD with Carbide Blades

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. 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

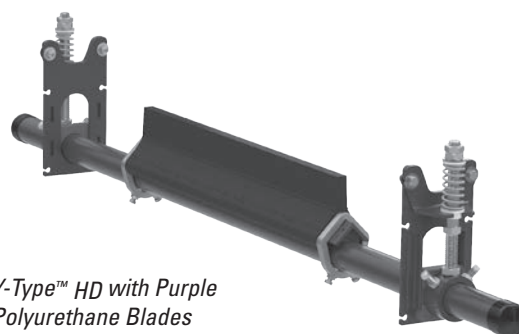


Y-Type™ HD with
Carbide Blades

Y-Type™ HD with Purple Polyurethane Blades

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

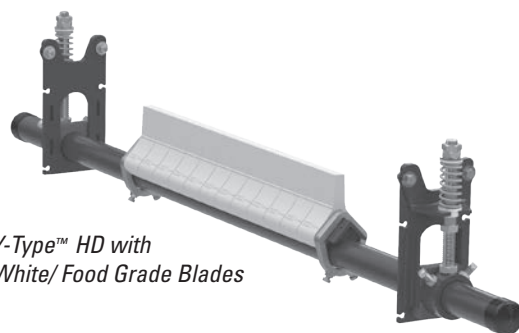


Y-Type™ HD with Purple
Polyurethane Blades

Y-Type™ HD with White Polyurethane Blades

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

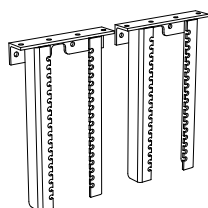


Y-Type™ HD with
White/ Food Grade Blades

Optional YST Drop Brackets (2)

ORDERING NUMBER	ITEM CODE	WT. LBS.
YTHDDBK	79850	32.1

Lead time: 1 working day



YST Heavy Duty
Drop Brackets

Product Notes:

- Works on reversing belts, vulcanized belts, and belts with mechanical fasteners.
- Pole Length: Belt width plus 54" (1350mm). For longer requirements, see Installation Accessories – Pole Extender Kit (page 140).
- 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 page 140.
- Simple design makes changing the blades fast and easy. Blades can be removed and replaced individually, or all at once by replacing the cartridge.

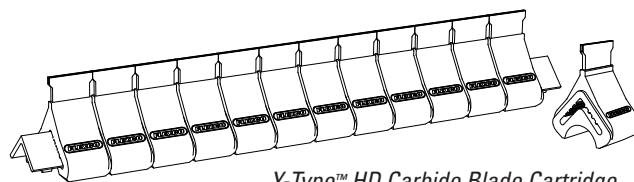
Product Ordering Information

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

Replacement Blades/Cartridges HD Carbide

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. 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" blade segment
Lead time: 1 working day

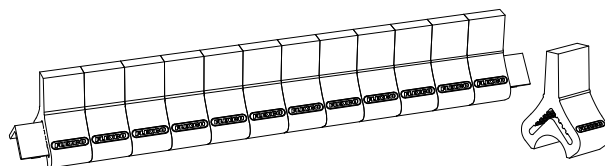


Y-Type™ HD Carbide Blade Cartridge

Replacement Blades/Cartridges HD Purple Polyurethane

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. 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" blade segment
Lead time: 1 working day



Y-Type™ HD Polyurethane Blade Cartridge

Replacement Blades/Cartridges HD White[†] Polyurethane

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. 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" blade segment

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

Lead time: 1 working day

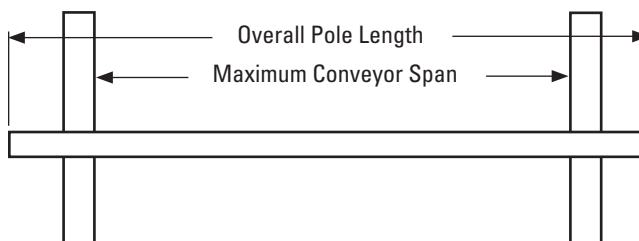
Specifications & Guidelines

Y-Type™ Heavy Duty Secondary Cleaner with YST Tensioner

Pole Length Specifications

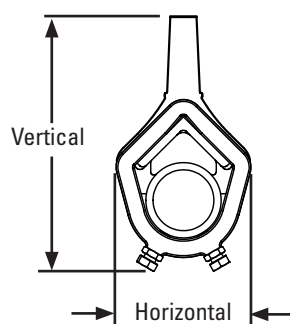
Cleaner Size		Pole Length		Maximum Conveyor Span	
in.	mm	in.	mm	in.	mm
36	900	90	2286	82	2083
42	1050	96	2438	88	2235
48	1200	102	2590	94	2388
54	1350	108	2743	100	2540
60	1500	114	2895	106	2692
72	1800	126	3200	118	2997

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



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



Y-Type Blade Specifications

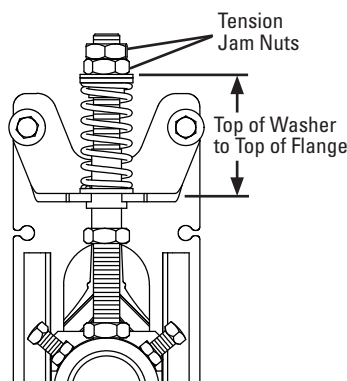
Cushion	Durometer	Temperature Range
Purple (Standard)	86A	-30° to 180°F -35° to 82° C
White (Food Grade) ‡	83A	-30° to 180°F -35° to 82° C
Carbide	86	-30° to 180°F -35° to 82° C

‡ 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

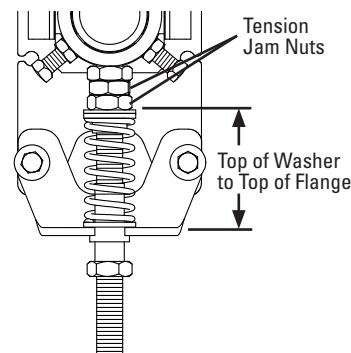
Spring Length Chart

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)



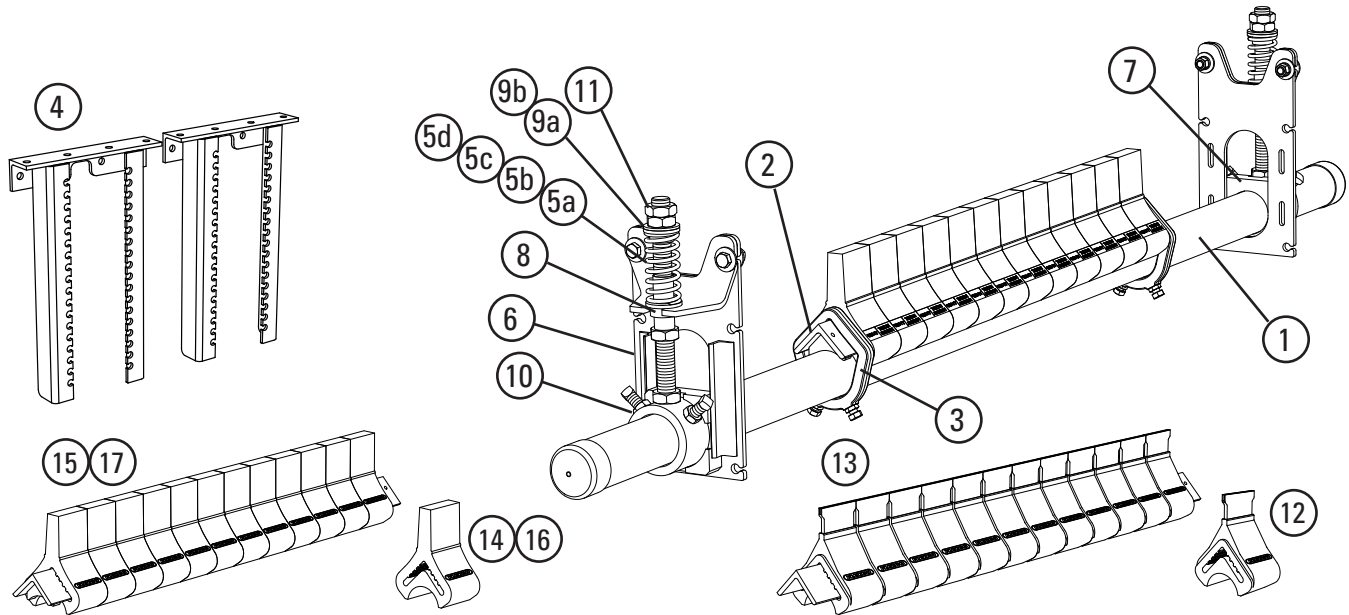
Push-Up Tensioner Configuration (HD)

Specifications:

- Maximum Belt Speed.....750 FPM (3.8M/sec)
- Temperature Rating.....-30°F to 180°F (-35°C to 82°C)
- Usable Blade Wear Length.....3" (76mm) (Polyurethane)
3/8" (10mm) (Carbide)
- Blade Materials.....**Purple:** Polyurethane (proprietary blend for abrasion resistance and long wear)
White: Polyurethane (chemical resistant/food grade)
Carbide: Tungsten Carbide
- Available for Belt Widths.....36" to 72" (900 to 1800mm). 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) Y-Type HD Pole	YTPHD-36/900	79799	60.0
	42" (1050mm) Y-Type HD Pole	YTPHD-42/1050	79800	63.4
	48" (1200mm) Y-Type HD Pole	YTPHD-48/1200	79801	66.8
	54" (1350mm) Y-Type HD Pole	YTPHD-54/1350	79802	70.2
	60" (1500mm) Y-Type HD Pole	YTPHD-60/1500	79803	73.6
	72" (1800mm) Y-Type HD Pole	YTPHD-72/1800	79804	77.0
2	36" (900mm) Y-Type HD Cushion Angle	YTAHD-36/900	79805	16.5
	42" (1050mm) Y-Type HD Cushion Angle	YTAHD-42/1050	79806	18.9
	48" (1200mm) Y-Type HD Cushion Angle	YTAHD-48/1200	79807	21.4
	54" (1350mm) Y-Type HD Cushion Angle	YTAHD-54/1350	79808	23.9
	60" (1500mm) Y-Type HD Cushion Angle	YTAHD-60/1500	79809	26.3
	72" (1800mm) Y-Type HD Cushion Angle	YTAHD-72/1800	79810	31.3
3	Y-Type HD Angle Clamp* (2 Clamps)	YTACHD	79835	4.8
4	YST HD Drop Bracket Kit (2 Brackets)	YSTDDBK	79850	32.1
5a	YST HD Spring, Green	YSTDHS-GR	79797	0.5
5b	SST Spring, Silver	STS-S	75843	0.8
5c	YST HD Spring, Blue (for Y-Type HD Carbide Cleaners)	YSTDHS-BL	79798	0.6
5d	SST Spring, Black (for Y-Type HD Carbide Cleaners)	STS-B	75844	1.1
6	YST HD Mounting Bracket (incl. Angle Bracket)	YSTDHMB	79849	6.7
7	YST HD Guide Block Kit (Pair)	YSTDGBK	79851	1.0
8	YST HD Lower Bushing Kit (Pair)	YSTDHBLK	79852	0.1
9a	YST HD Top Bushing Kit White (Pair)	YSTDHBK-W	79853	0.1
9b	YST HD Top Bushing Kit Black (Pair)	YSTDHBK-B	79856	0.1
10	YST HD Pole Mount Kit*	YSTDHDMK	79854	7.8
11	YST HD Adjusting Rod Nut Kit	YSTANKHD	79858	0.6
-	YST Tensioner w/Silver Spring (Pair) (for belts 36" - 54" w/carbide tips) (incl. 2 ea. item 5b, 6, 10, 11; 1 ea. items 7, 8, 9a)	YSTDH-S	79840	33.4
-	YST Tensioner w/Black Spring (Pair) (for belts 60" - 72" w/carbide tips) (incl. 2 ea. item 5d, 6, 10, 11; 1 ea. items 7, 8, 9b)	YSTDH-BK	79842	34.1
-	YST Tensioner w/Green Spring (Pair) (for belts 36" - 48" w/Polyurethane tips) (incl. 2 ea. item 5a, 6, 10, 11; 1 ea. items 7, 8, 9a)	YSTDH-GR	79839	32.8
-	YST Tensioner w/Blue Spring (Pair) (for belts 54" - 72" w/Polyurethane tips) (incl. 2 ea. item 5c, 6, 10, 11; 1 ea. items 7, 8, 9b)	YSTDH-BL	79841	33.1

*Hardware included Lead time: 1 working day

Replacement Blades/Blade Cartridges

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
12	Y-Type HD Carbide Blade (single)	YT-HDC	79728	1.9
13	36" (900mm) Y-Type HD Carbide Blade Cartridge	YCART-36/900-HDTC	79829	38.5
	42" (1050mm) Y-Type HD Carbide Blade Cartridge	YCART-42/1050-HDTC	79830	44.6
	48" (1200mm) Y-Type HD Carbide Blade Cartridge	YCART-48/1200-HDTC	79831	50.7
	54" (1350mm) Y-Type HD Carbide Blade Cartridge	YCART-54/1350-HDTC	79832	56.8
	60" (1500mm) Y-Type HD Carbide Blade Cartridge	YCART-60/1500-HDTC	79833	63.0
	72" (1800mm) Y-Type HD Carbide Blade Cartridge	YCART-72/1800-HDTC	79834	75.2
14	Y-Type HD Purple Polyurethane Blade (single)	YT-HDP	79677	1.7
15	36" (900mm) Y-Type HD Purple Blade Cartridge	YCART-36/900-HDP	79817	36.6
	42" (1050mm) Y-Type HD Purple Blade Cartridge	YCART-42/1050-HDP	79818	42.4
	48" (1200mm) Y-Type HD Purple Blade Cartridge	YCART-48/1200-HDP	79819	48.2
	54" (1350mm) Y-Type HD Purple Blade Cartridge	YCART-54/1350-HDP	79820	54.0
	60" (1500mm) Y-Type HD Purple Blade Cartridge	YCART-60/1500-HDP	79821	59.8
	72" (1800mm) Y-Type HD Purple Blade Cartridge	YCART-72/1800-HDP	79822	71.4
16	Y-Type HD White Polyurethane Blade (single)	YT-HDW	79676	1.7
17	36" (900mm) Y-Type HD White Blade Cartridge	YCART-36/900-HDW	79823	36.6
	42" (1050mm) Y-Type HD White Blade Cartridge	YCART-42/1050-HDW	79824	42.4
	48" (1200mm) Y-Type HD White Blade Cartridge	YCART-48/1200-HDW	79825	48.2
	54" (1350mm) Y-Type HD White Blade Cartridge	YCART-54/1350-HDW	79826	54.0
	60" (1500mm) Y-Type HD White Blade Cartridge	YCART-60/1500-HDW	79827	59.8
	72" (1800mm) Y-Type HD White Blade Cartridge	YCART-72/1800-HDW	79828	71.4

Lead time: 1 working day

Spring Tensioner Selection Chart

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

Blades Required per Cleaner Size

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

Product Ordering Information

P-Type®
Secondary Cleaner

P-Type® Secondary with C-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. 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



P-Type® Secondary with V-Tips*

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

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

Lead time: 1 working day



Replacement Tips

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

Lead time: 1 working day

Tips Required per Cleaner Size

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

Product Notes:

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

Product Ordering Information

P-Type® LS *Limited Space Secondary Cleaner*

P-Type® LS Belt Cleaner with C-Tips*

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

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



Replacement C-Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7

Lead time: 1 working day

Tips Required per Cleaner Size

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

Product Notes:

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

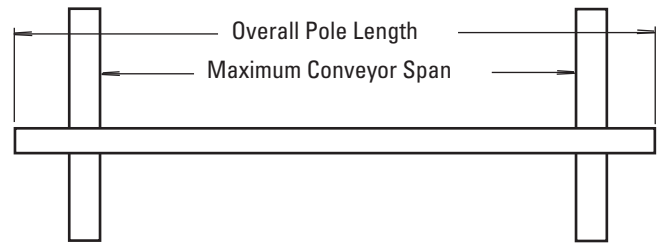
Specifications & Guidelines

P-Type® Secondary Cleaner

Pole Length Specifications

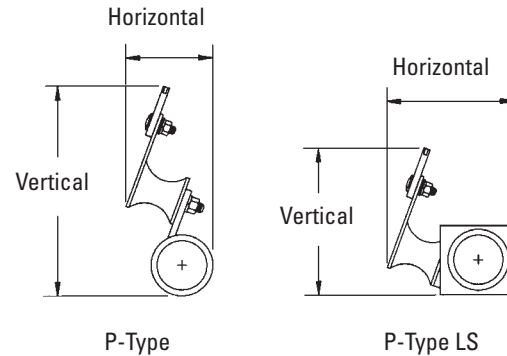
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
18	450	48	1200	43	1075
24	600	54	1350	49	1225
30	750	60	1500	55	1375
36	900	66	1650	61	1525
42	1050	72	1800	67	1675
48	1200	78	1950	73	1825
54	1350	88	2200	83	2075
60	1500	94	2350	89	2225
72	1800	106	2650	101	2525

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



Clearance Guidelines for Installation

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



P-Type Cushion Specifications

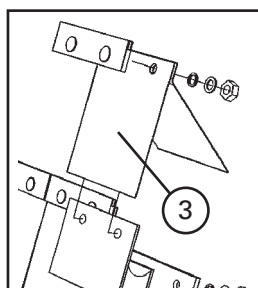
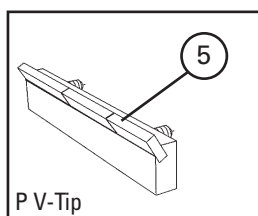
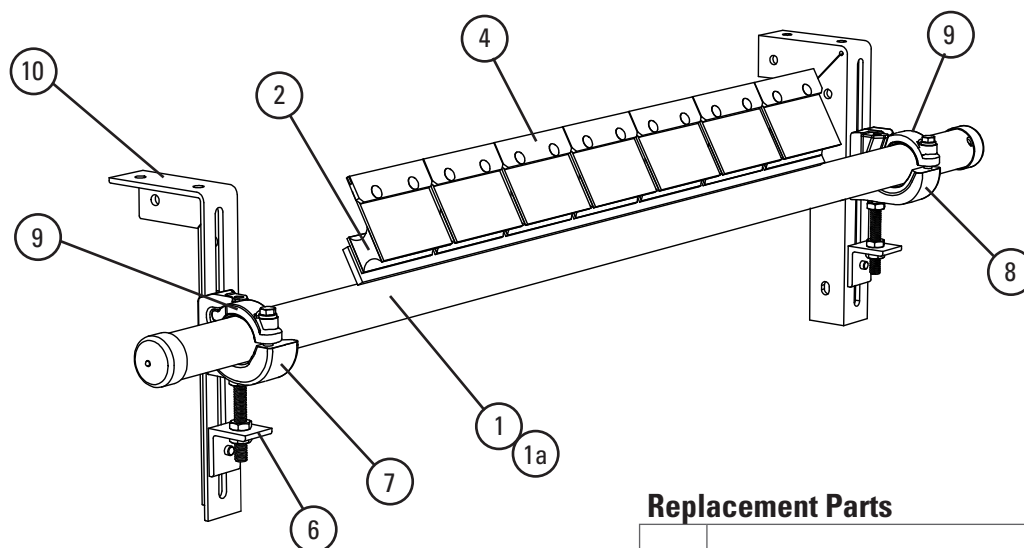
CUSHION	DUROMETER	TEMPERATURE RANGE
Standard	55A	-30° to 180°F -35° to 82° C

Specifications:

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

Replacement Parts List

P-Type®
Secondary Cleaner



Tips Required per Cleaner Size

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

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. 1 item 9)	CCKL	79224	6.8
8	Pole Clamp Kit Right* (1 ea.) (incl. 1 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 items 6 and 1 ea. item 8, 9 & 10)	CCMK	78919	33.0

*Hardware included
Lead time: 1 working day

Product Ordering Information

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

R-Type® Reversing with C-Tips*

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

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

Lead time: 1 working day



R-Type® Reversing 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	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
C-Tips or V-Tips Required	3	4	5	6	7	8	9	10	12

Product Notes:

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

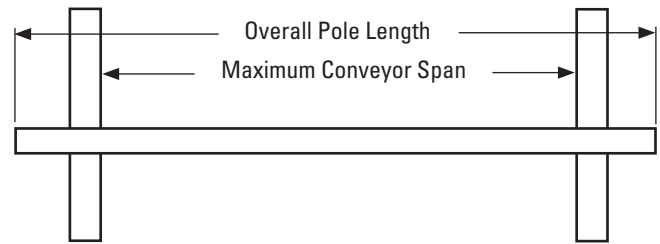
Specifications & Guidelines

R-Type® Reversing Secondary Cleaner

Pole Length Specifications

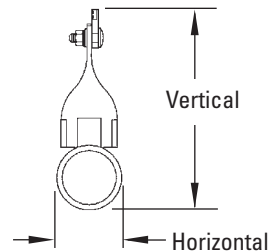
CLEANER SIZE		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm
18	450	48	1200	43	1075
24	600	54	1350	49	1225
30	750	60	1500	55	1375
36	900	66	1650	61	1525
42	1050	72	1800	67	1675
48	1200	78	1950	73	1825
54	1350	88	2200	83	2075
60	1500	94	2350	89	2225
72	1800	106	2650	101	2525

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



Clearance Guidelines For Installation

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



R-Type Cushion Specifications

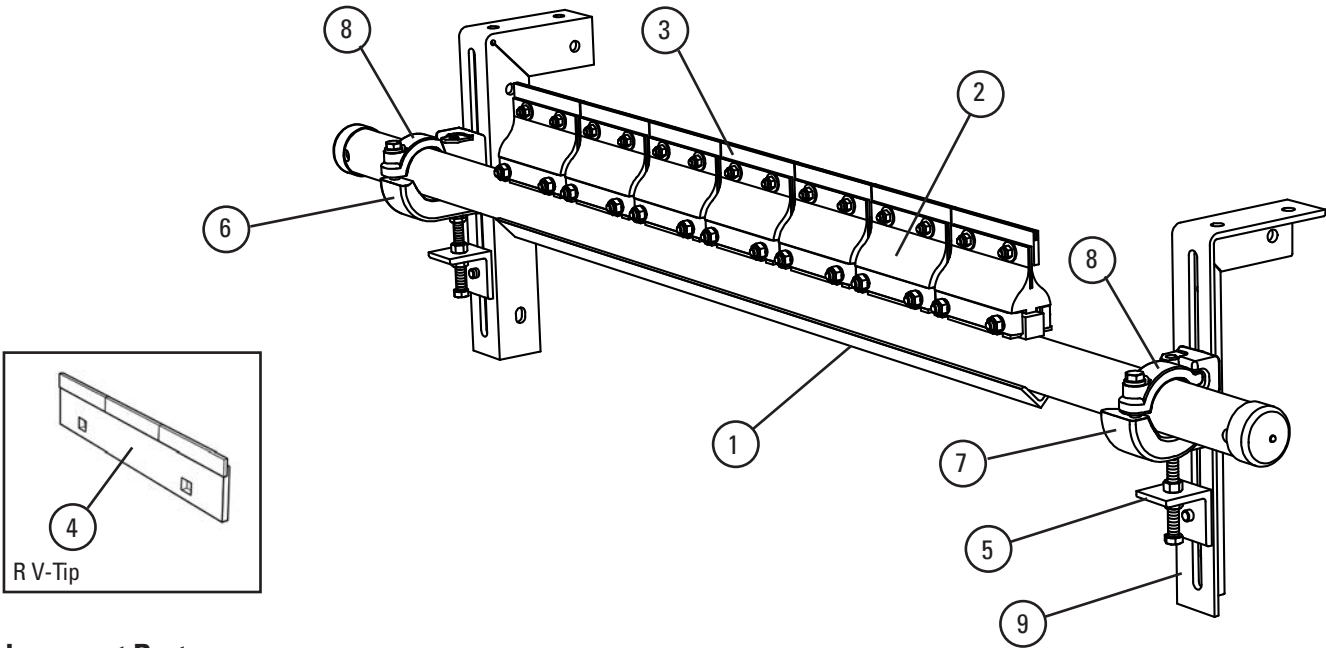
CUSHION	DUROMETER	TEMPERATURE RANGE
Standard	55A	-30° to 180°F -35° to 82° C

Specifications:

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

Replacement Parts List

R-Type®
Secondary Cleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	RP-18	78426	23.9
	24" (600mm) Pole	RP-24	78427	27.8
	30" (750mm) Pole	RP-30	78428	31.1
	36" (900mm) Pole	RP-36	78429	35.2
	42" (1050mm) Pole	RP-42	78430	45.6
	48" (1200mm) Pole	RP-48	78431	50.6
	54" (1350mm) Pole	RP-54	78432	56.6
	60" (1500mm) Pole	RP-60	78433	62.7
	72" (1800mm) Pole	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 and 1 ea. item 6, 7 & 9)	CCMK	78919	33.0

*Hardware included
Lead time: 1 working day

Tips Required per Cleaner Size

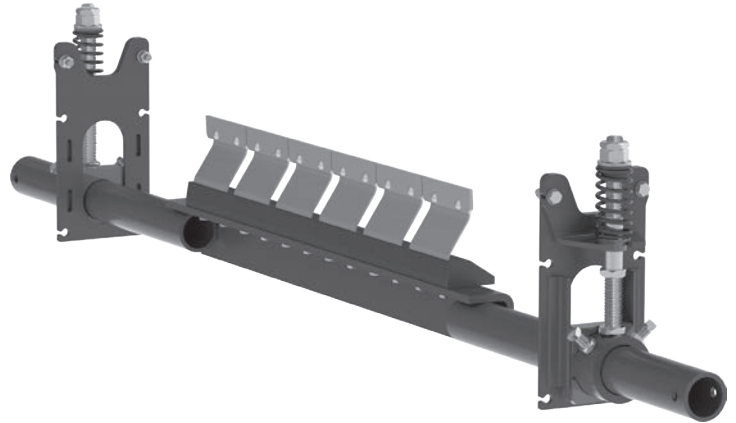
in.	18	24	30	36	42	48	54	60	72
mm	450	600	750	900	1050	1200	1350	1500	1800
C-Tips or V-Tips Required	3	4	5	6	7	8	9	10	12

Product Ordering Information

FMS Medium-Duty Secondary Cleaner (YST Tensioners)

FMS Medium-Duty Secondary with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	FMS-18-YST	90545	98.7
24	600	FMS-24-YST	90546	111.2
30	750	FMS-30-YST	90547	123.6
36	900	FMS-36-YST	90548	136.1
42	1050	FMS-42-YST	90549	148.6
48	1200	FMS-48-YST	90550	161.1
54	1350	FMS-54-YST	90551	173.5
60	1500	FMS-60-YST	90552	186.0
72	1800	FMS-72-YST	90553	211.0



Replacement Tips

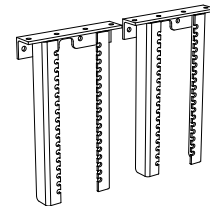
ORDERING NUMBER	ITEM CODE
ICT6	74535

Lead time: 1 working day

Optional YST Drop Brackets (2)

ORDERING NUMBER	ITEM CODE
YSTDDBK	79850

Lead time: 1 working day



YST Heavy Duty
Drop Brackets

Tips Required Per Cleaner Size

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

Product Notes:

- Recommended for medium-duty conveyor applications.
- Pole Length: Belt width plus 54" (1350mm). For longer requirements, see Minline Installation Accessories - Pole Extender Kit (page 140).
- 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.

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

Product Ordering Information

FMS Medium-Duty Secondary Cleaner (MSTensioners)

FMS Medium-Duty Secondary with C-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	FMS-18	79637	98.7
24	600	FMS-24	79638	111.2
30	750	FMS-30	79639	123.6
36	900	FMS-36	79640	136.1
42	1050	FMS-42	79641	148.6
48	1200	FMS-48	79642	161.1
54	1350	FMS-54	79643	173.5
60	1500	FMS-60	79644	186.0
72	1800	FMS-72	79645	211.0

Lead time: 1 working day



FMS Medium-Duty Secondary with V-Tips

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	FMS-18V	79646	98.7
24	600	FMS-24V	79647	111.2
30	750	FMS-30V	79648	123.6
36	900	FMS-36V	79649	136.1
42	1050	FMS-42V	79650	148.6
48	1200	FMS-48V	79651	161.1
54	1350	FMS-54V	79652	173.5
60	1500	FMS-60V	79653	186.0
72	1800	FMS-72V	79654	211.0

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

Lead time: 1 working day

Replacement Tips

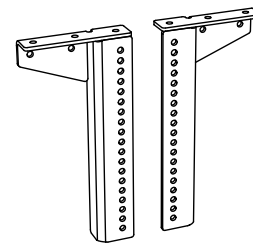
ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7
RSA150	73628	1.3

Lead time: 1 working day

Optional MST Drop Brackets (2)

ORDERING NUMBER	ITEM CODE	WT. LBS.
MSTDB	79434	27.7

Lead time: 1 working day



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

Product Notes:

- Recommended for medium-duty conveyor applications.
- Pole Length: Belt width plus 54" (1350mm). For longer requirements, see Minline Installation Accessories - Pole Extender Kit (page 140).
- Cushion is designed to maintain continuous blade-to-belt contact and quick relief from passing mechanical splices.
- C-Tips are for mechanically fastened or vulcanized belts. V-Tips are for vulcanized belts only.
- Visual Blade Tension Check: Measure the tension spring and refer to Spring Length Chart for the correct length for best cleaning performance.
- Tensioner: MST Spring Tensioner for self-adjusting tensioning with easy retensioning adjustments.
- To make cleaner installation easier and quicker, see Optional Drop Brackets above.

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

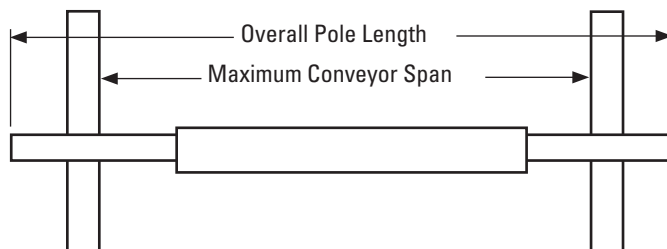
Specifications & Guidelines

FMS Medium-Duty Secondary Cleaner

Pole Length Specifications*

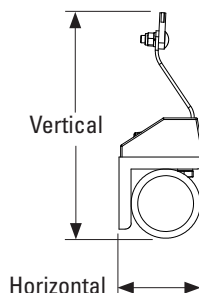
CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
18	450	18	450	72	1800	62	1550
24	600	24	600	78	1950	68	1700
30	750	30	750	84	2100	74	1850
36	900	36	900	90	2250	80	2000
42	1050	42	1050	96	2400	86	2150
48	1200	48	1200	102	2550	92	2300
54	1350	54	1350	108	2700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

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. (page 140).
Pole Diameter - 2-7/8" (73mm)



Clearance Guidelines for Installation

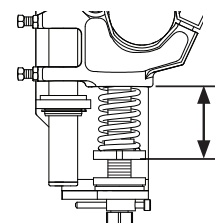
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
3-1/2	89	10	245



MST Tensioner Spring Length Chart

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

Shading indicates preferred spring option. Measure spring as shown.

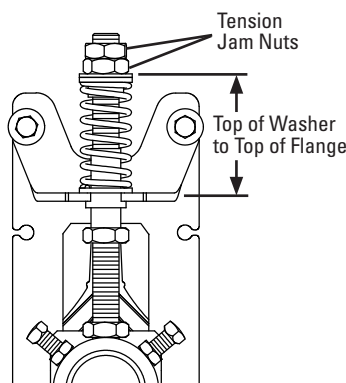


Bottom of Pole Mount to Bottom of Spring Support Plate

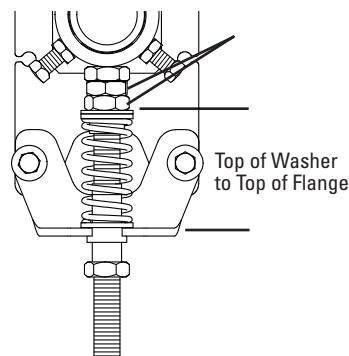
YST Tensioner Spring Length Chart

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

Shading indicates preferred spring option.



Pull-Up Tensioner Configuration (SD)



Push-Up Tensioner Configuration (SD)

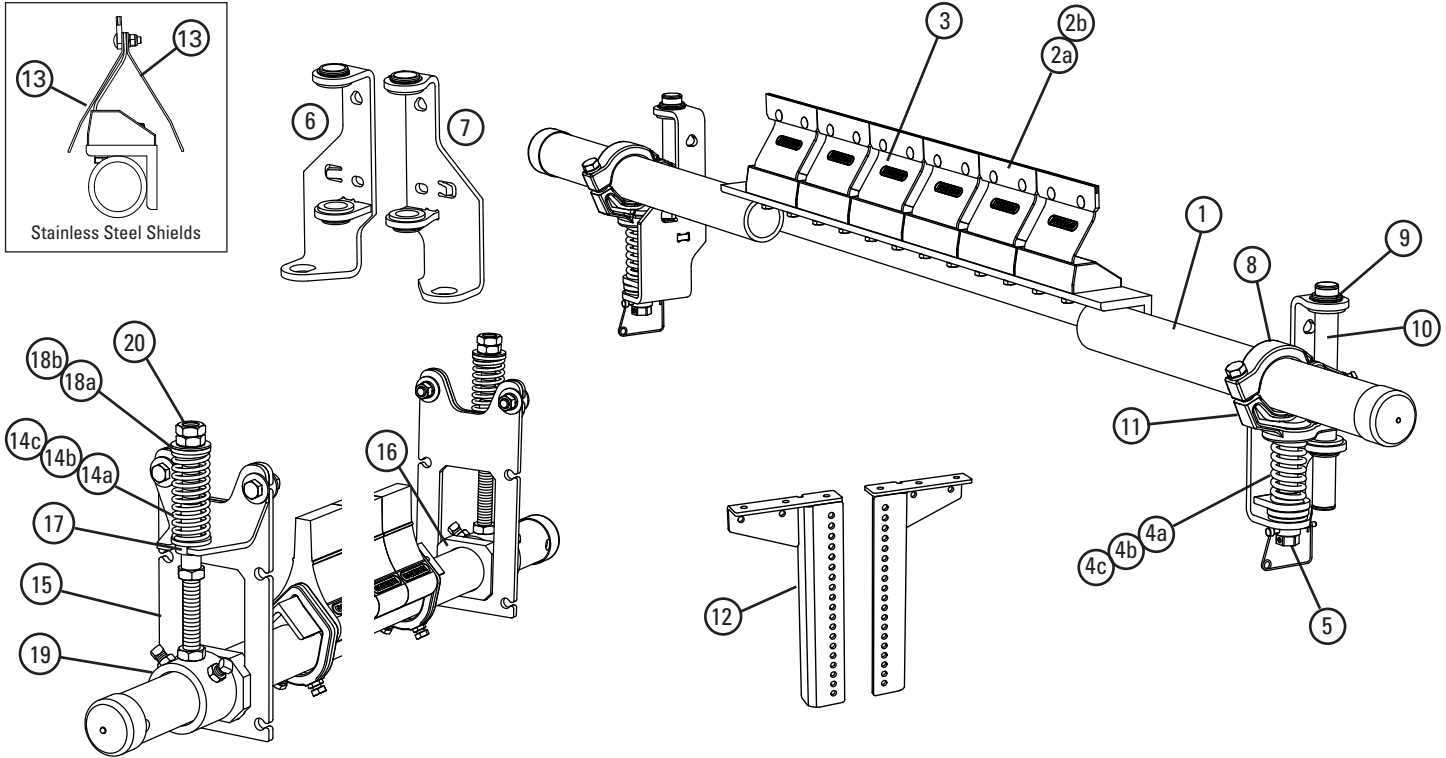
Specifications

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

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

Replacement Parts List

FMS Medium-Duty Secondary Cleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	MHSP-18	76178	46.2
	24" (600mm) Pole	MHSP-24	75918	51.7
	30" (750mm) Pole	MHSP-30	75919	57.2
	36" (900mm) Pole	MHSP-36	75920	62.8
	42" (1050mm) Pole	MHSP-42	75921	68.3
	48" (1200mm) Pole	MHSP-48	75922	73.9
	54" (1350mm) Pole	MHSP-54	75923	79.4
	60" (1500mm) Pole	MHSP-60	75924	85.0
	72" (1800mm) Pole	MHSP-72	75925	96.1
2a	C-Tip*	ICT6	74535	0.7
2b	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" - 54" (900-1350mm)	STS-S	75843	0.8
4c	Tension Spring - Black (1 ea.) for belts 60" - 72" (1500-1800mm)	STS-B	75844	1.0
5	MST Adjusting Mechanism	MSTAM	79435	2.8
6	MST Mounting Bracket LH (incl. bushings)	MST-MBL	79436	5.7
7	MST Mounting Bracket RH (incl. bushings)	MST-MBR	79437	5.7
8	MST HD Clamp*	MSTCHD	79439	2.5
9	MST Bushing Kit (incl. 4 bushings)	MSTBK	79440	.2
10	MST Guide Pole	MSTGT	79441	1.5
11	MST HD Pole Mount*	MSTPMHD	79451	7.3
12	MST Drop Brackets (2)	MSTDB	79434	27.7
13	P SS Shield	PSSS	74773	.5
-	MST HD Tensioner w/White Spring* (incl. 1 ea. items 6, 7; 2 ea. items 4a, 5, 8, 10 & 11)	MSTHD-W	79431	36.8
-	MST HD Tensioner w/Silver Spring* (incl. 1 ea. items 6, 7; 2 ea. items 4b, 5, 8, 10 & 11)	MSTHD-S	79432	37.5
-	MST HD Tensioner w/Black Spring* (incl. 1 ea. items 6, 7; 2 ea. items 4c, 5, 8, 10 & 11)	MSTHD-B	79433	38.1

*Hardware Included

Lead time: 1 working day

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
14a	YST Spring Yellow	YSTS-Y	79795	0.3
14b	YST Spring Purple	YSTS-P	79796	0.4
14c	YST Spring Silver (Y-Type Carbide Cleaners)	CTS-S	77743	0.5
15	YST Mounting Bracket (incl. Angle Bracket)	YSTMB	79843	3.3
16	YST Guide Block Kit (Pair)	YSTGBK	79845	0.4
17	YST Lower Bushing Kit (Pair)	YSTLBK	79846	0.1
18a	YST Top Bushing Kit White (Pair)	YSTTBK-W	79847	0.1
18b	YST Top Bushing Kit Black (Pair)	YSTTBK-B	79855	0.1
19	YST Pole Mount Kit*	YSTPMK	79848	4.3
20	YST Adjusting Rod Nut Kit	YSTANK	79857	0.2
-	YST Tensioner w/Yellow Spring (Pair) (incl. 2 ea. item 14a, 15, 19, 20; 1 ea. items 16, 17, 18a)	YST-Y	79836	18.2
-	YST Tensioner w/Purple Spring (Pair) (incl. 2 ea. item 14b, 15, 19, 20; 1 ea. items 16, 17, 18a)	YST-P	79837	18.5
-	YST Tensioner w/Silver Spring (Pair) (incl. 2 ea. item 14c, 15, 19, 20; 1 ea. items 16, 17, 18b)	YST-S	79838	18.8

MST Spring Tensioner Selection Chart

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

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

Product Ordering Information

MHS Heavy Duty Secondary Cleaner (SSTensioners)

MHS HD Secondary with C-Tips

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

Lead time: 1 working day

MHS HD Secondary with V-Tips*

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

*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
RSA150	73628	1.3

Lead time: 1 working day

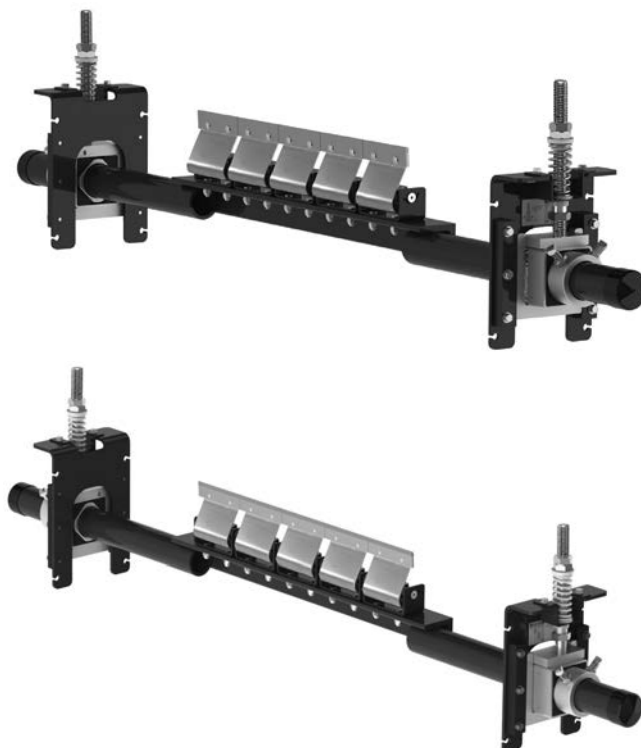
Tips Required Per Cleaner Size

in.	18	24	30	36	42	48	54	60	72	84	96
mm	450	600	750	900	1050	1200	1350	1500	1800	2100	2400
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" (1350mm). For longer requirements, see Mineline Installation Accessories - Pole Extender Kit (page 140).
- Patented PowerFlex™ cushion design to maintain continuous blade-to-belt contact and quick relief from passing mechanical splices.
- C-Tips are for mechanically fastened or vulcanized belts. V-Tips are for vulcanized belts only.
- Visual Blade Tension Check: Measure the tension spring and refer to Spring Length Chart on mounting base for the correct length for best cleaning performance.
- Tensioner: SST Spring Tensioner for self-adjusting tensioning with easy retensioning adjustments.
- To make cleaner installation easier and quicker, see Optional Mounting Kits (page 140).

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



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

Product Ordering Information

MHS Heavy Duty Secondary Cleaner (MST Tensioners)

MHS HD Secondary with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	MHS-18V-MST	79442	105.1
24	600	MHS-24V-MST	79443	115.1
30	750	MHS-30V-MST	79444	125.0
36	900	MHS-36V-MST	79445	135.5
42	1050	MHS-42V-MST	79446	145.4
48	1200	MHS-48V-MST	79447	155.3
54	1350	MHS-54V-MST	79448	169.4
60	1500	MHS-60V-MST	79449	180.4
72	1800	MHS-72V-MST	79450	201.1

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

Lead time: 1 working day

MHS HD Reversing with V-Tips*

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	MHS-18RMV	79624	105.9
24	600	MHS-24RMV	79625	116.2
30	750	MHS-30RMV	79626	126.4
36	900	MHS-36RMV	79627	137.2
42	1050	MHS-42RMV	79628	147.4
48	1200	MHS-48RMV	79629	157.5
54	1350	MHS-54RMV	79630	171.9
60	1500	MHS-60RMV	79631	183.2
72	1800	MHS-72RMV	79632	204.5

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

Lead time: 1 working day

Replacement Tips

ORDERING NUMBER	ITEM CODE	WT. LBS.
RSA150	73628	1.3

Lead time: 1 working day

Tips Required Per Cleaner Size

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

Product Notes:

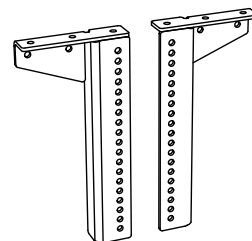
- Heavy-duty design to deliver maximum cleaning efficiency on the most demanding, abusive beltlines.
- Pole Length: Belt width plus 54" (1350mm). For longer requirements, see Minline Installation Accessories - Pole Extender Kit (page 140).
- Patented PowerFlex™ cushion design to maintain continuous blade-to-belt contact and quick relief from passing mechanical splices.
- V-Tips are for vulcanized belts only.
- Visual Blade Tension Check: Measure the tension spring and refer to Spring Length Chart on mounting base for the correct length for best cleaning performance.
- Tensioner: MST Spring Tensioner for self-adjusting tensioning with easy retensioning adjustments.
- To make cleaner installation easier and quicker, see Optional Mounting Kits (page 140).



Optional MST Drop Brackets (2)

ORDERING NUMBER	ITEM CODE	WT. LBS.
MSTDB	79434	27.7

Lead time: 1 working day



Product Ordering Information

MHS Heavy Duty Secondary Cleaner (Polyurethane Cushion Shields, SST Tensioners)

MHS HD Secondary 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

MHS HD Secondary 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

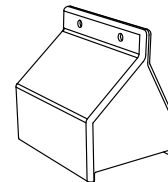
ORDERING NUMBER	ITEM CODE	WT. LBS.
ICT6	74535	0.7
RSA150	73628	1.3

Lead time: 1 working day

Replacement Cushion Shield

ORDERING NUMBER	ITEM CODE	WT. LBS.
UPFCC	79320	.3

Lead time: 1 working day



Polyurethane Cushion Shield

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
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" (1350mm). For longer requirements, see Mineline Installation Accessories - Pole Extender Kit (page 140).
- Patented PowerFlex™ cushion design to maintain continuous blade-to-belt contact and quick relief from passing mechanical splices.
- C-Tips are for mechanically fastened or vulcanized belts. V-Tips are for vulcanized belts only.
- Visual Blade Tension Check: Measure the tension spring and refer to Spring Length Chart on mounting base for the correct length for best cleaning performance.
- Tensioner: SST Spring Tensioner for self-adjusting tensioning with easy retensioning adjustments.
- To make cleaner installation easier and quicker, see Optional Mounting Kits (page 140).

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

Product Ordering Information

MHS Reversing Heavy Duty Secondary Cleaner

MHS HD Reversing Secondary with C-Tips

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

Lead time: 1 working day

MHS HD Reversing Secondary with V-Tips*

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

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

Lead time: 1 working day

Replacement Shields

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

Lead time: 1 working day

Replacement Tips

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

Lead time: 1 working day

Product Notes:

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

MHS HD with SAT2 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

*Includes Control Box

**60"-96" models have a 3-piece pole.

Lead time: 1 working day



Product Notes:

- The SAT2 Tensioners automatically adjust the blades to the belt until the blades are worn out.
- Does not include air tank. Select option on page 103.

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

Product Ordering Information

Line Connections for Portable Air Tensioner

Air Tanks

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



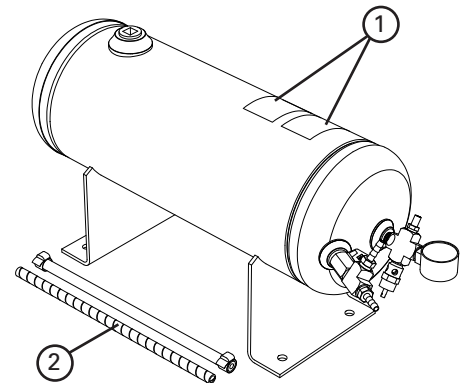
PAT1 (Single)



PAT2 (Dual)

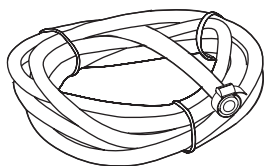
Replacement Parts List

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Tank Label Kit	PATLK	78791	0.1
2	Tank Hose Kit (incl. 1 ea. 10' hose and 1' poly spiral wrap, 2 hose clamps)	PATHK	78794	1.5



Product Notes:

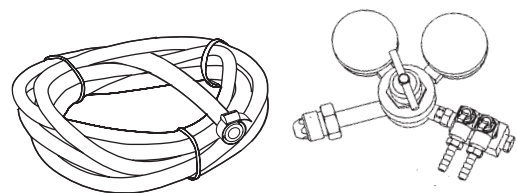
- For use with PAT cleaner assemblies and PAT control box.
- Single for applications with one cleaner, double for applications with two cleaners.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction.



Air Line Connection for Site-Accessible Air

ORDERING NUMBER	ITEM CODE	WT. LBS.
PATHK*	78794	1.5

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



Nitrogen Tank Connection for Site-Provided Nitrogen Tank

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

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

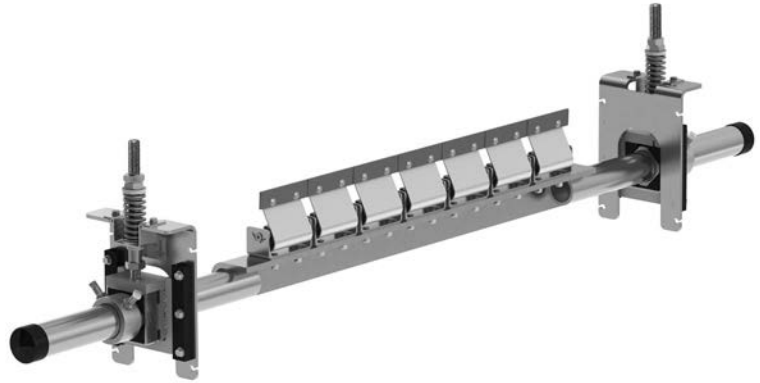
Product Ordering Information

Stainless Steel MHS Heavy Duty Secondary Cleaner

SS MHS HD Secondary with C-Tips

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

Lead time: 3 weeks

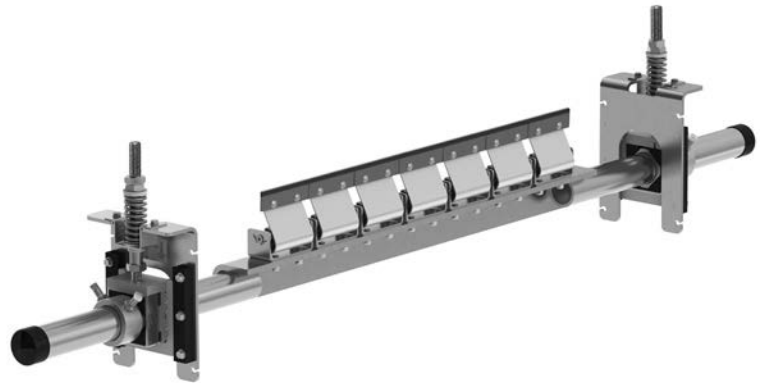


SS MHS HD Secondary with V-Tips*

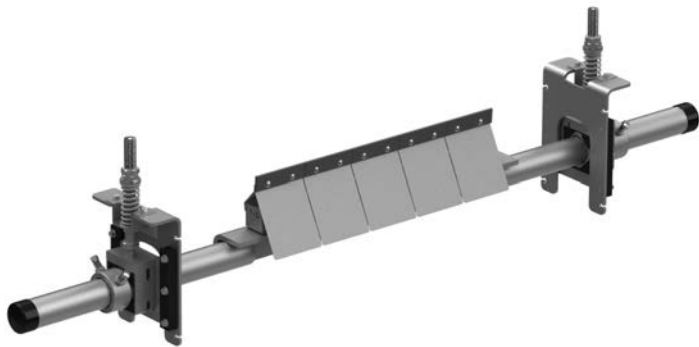
BELT WIDTH		ORDERING NUMBER	ITEM CODE
in.	mm		
24	600	MHS-24V-S/S	77610
30	750	MHS-30V-S/S	77611
36	900	MHS-36V-S/S	77612
42	1050	MHS-42V-S/S	77613
48	1200	MHS-48V-S/S	77614
54	1350	MHS-54V-S/S	77615
60	1500	MHS-60V-S/S	77616
72	1800	MHS-72V-S/S	77617
84	2100	MHS-84V-S/S	77618
96	2400	MHS-96V-S/S	79049

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

Lead time: 3 weeks



For replacement tips and qty of tips per cleaner, see page 99



SS MHS HD Reversing Secondary with C-Tips

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

Lead time: 3 weeks

SS MHS HD Reversing Secondary with V-Tips*

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

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

Lead time: 3 weeks

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



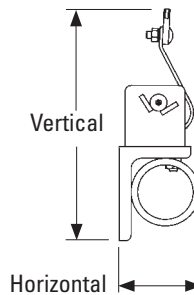
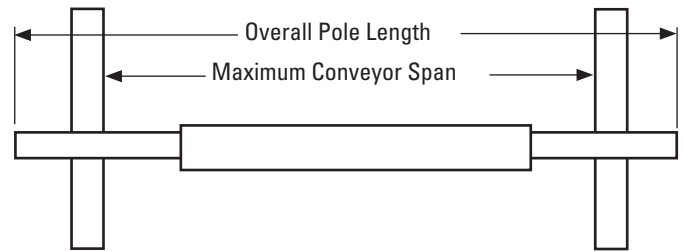
Specifications & Guidelines

MHS
Heavy Duty Secondary Cleaner

Pole Length Specifications*

CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	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" (750mm) of extended pole length. (Page page 140). Pole Diameter - 2-7/8" (73mm)



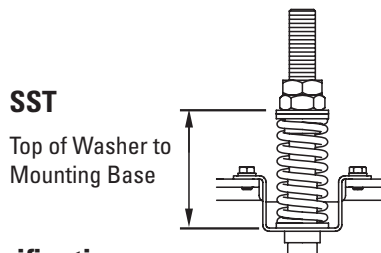
Clearance Guidelines for Installation

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

SST Tensioner Spring Length Chart

Blade Width		White Spring		Silver Spring		Black Spring		Gold Spring	
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 1/2	89
108	2700	N/A	N/A	N/A	N/A	N/A	N/A	3 3/8	86
120	3000	N/A	N/A	N/A	N/A	N/A	N/A	3 3/8	86

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



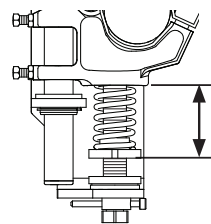
SST

Top of Washer to Mounting Base

MST Tensioner Spring Length Chart

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

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



MST

Bottom of Pole Mount to Bottom of Spring Support Plate

SAT2 Tensioner Pressure Chart

Blade Width		Blades	Pressure	
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

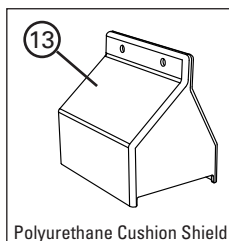
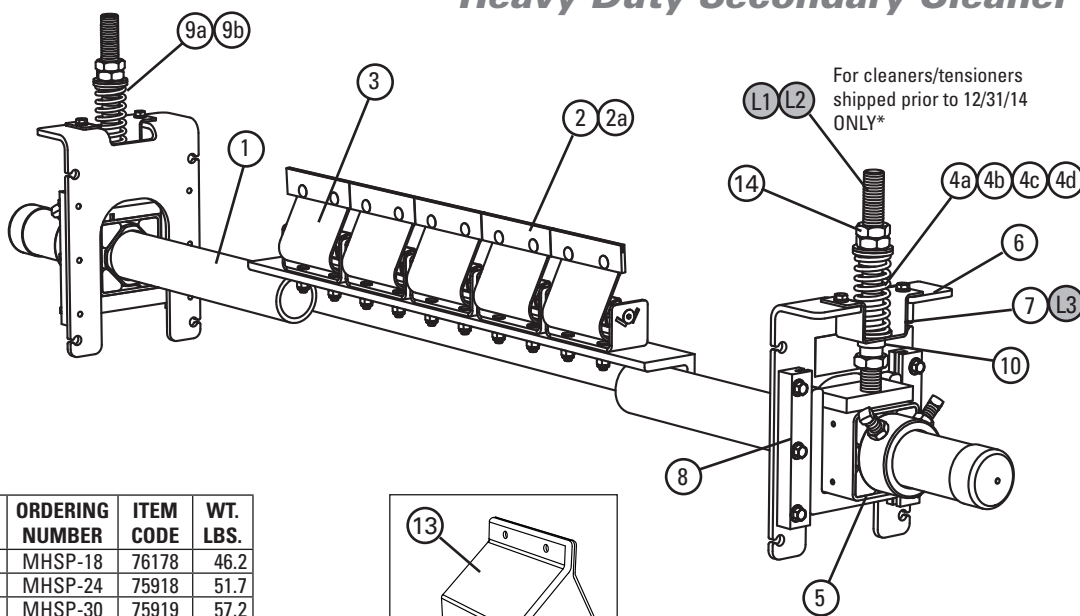
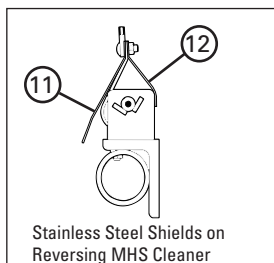
Specifications

- Maximum Belt SpeedSST/SAT2 Tensioner - 1200 FPM (6M/sec)
- Maximum Belt SpeedMST Tensioner - 1000 FPM (5M/sec)
- Temperature Rating-30°F to 180°F (-35°C to 82°C)
- Usable Blade Wear Length.....3/8" (9mm)
- Blade Materials.....C-Tip: Impact Resistant Tungsten Carbide (works with mechanical fasteners)
V-Tip: Long Life Tungsten Carbide (for vulcanized belts only)
- Available for Belt WidthsSST/SAT2 Tensioners - 18" to 96" (450 to 2400 mm). Other sizes available upon request.
- Available for Belt WidthsMST Tensioners - 18" to 72" (450 to 1800mm). Other sizes available upon request.
- CEMA Cleaner RatingClass 5

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

Replacement Parts List

MHS Heavy Duty Secondary Cleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. 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.) 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
4d	Tension Spring - Gold (1 ea.) for belts 96" (2400mm)	STS-G	78142	1.3
5	HD Torsion Pole Mount* (1 ea.) (includes HD adjusting rod, nuts & sleeve) (See 9 & 9a for bushings)	SSTHDP	77868	15.0
6	HD Mounting Base Kit* (includes 1 mounting base, 2 slide guides, top hat bracket & bottom bushing)	SSTHDMK	77870	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 (includes 2 bushings)	SSTBK-W	76636	0.1
9b	SST Bushing Kit - Black/Gold (includes 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
13	Polyurethane Cushion Shield	UPFCC	79320	0.3
14	Jam Nut Kit SST	JNK-C	79893	0.3

*Hardware Included

Lead time: 1 working day

Legacy Replacement Parts for

Tensioners shipped prior to Dec. 31, 2014*

L1	Adjusting Rod Kit (includes 1 rod, 2 nuts, 1 bushing, 1 washer) for belts 24"-60" (600-1500mm)	STAK	75847	2.9
L2	HD Adjusting Rod Kit (includes 1 rod, 2 nuts, 1 HD bushing, 1 washer) for belts 72"-96" (1800-2400mm)	STAKHD	75892	3.0
L3	Legacy SST Hat Channel Kit	SSTHK	79070	1.5
L4	SAT2 Adjusting Rod Kit (2 ea.)	SAT2AK	78733	5.0
-	SST Tensioner Bushing Update Kit (includes 2 lower bushings, 2 sleeves, 2 nuts)	SST-BUK	76943	0.3

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
-	HD Spring Tensioner* - White (includes 2 each items 4, 5, 6, & 9) for belts 18" - 30" (450-750mm)	SST2HD-W	77879	60.6
-	HD Spring Tensioner* - Silver (includes 2 each items 4a, 5, 6, & 9) for belts 36" - 48" (900-1200mm)	SST2HD-S	77880	61.4
-	HD Spring Tensioner* - Black (includes 2 each items 4b, 5, 6, & 9a) for belts 54" - 84" (1350-2100mm)	SST2HD-B	77881	62.0
-	HD Spring Tensioner* - Gold (includes 2 each items 4c, 5, 6, & 9a) for belts 96" (2400mm)	SST2HD-G	79041	62.6

Spring Tensioner Selection Chart

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

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



Standard thread profile

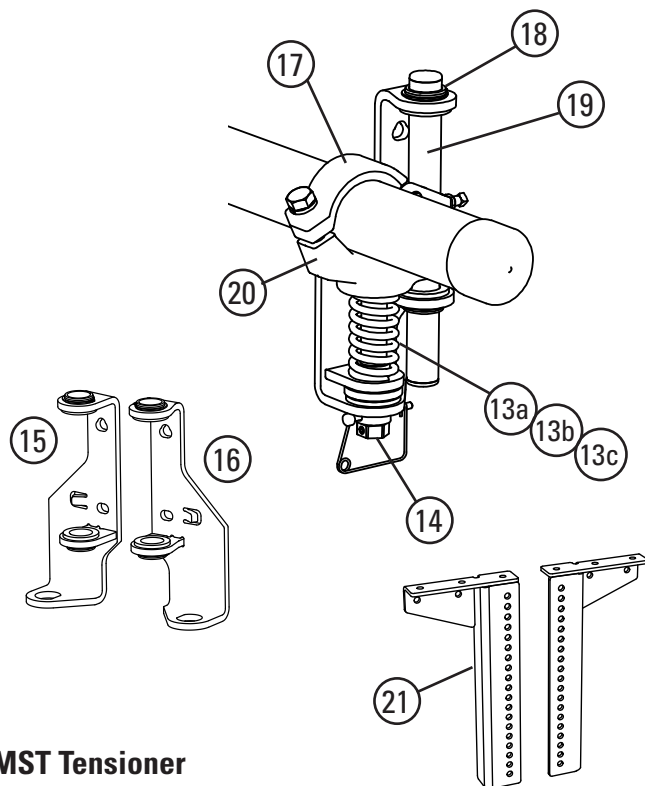


Acme/trapezoidal thread profile

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

Replacement Parts List

MHS
Optional MST and SAT2 Tensioners



MST Tensioner Replacement Parts

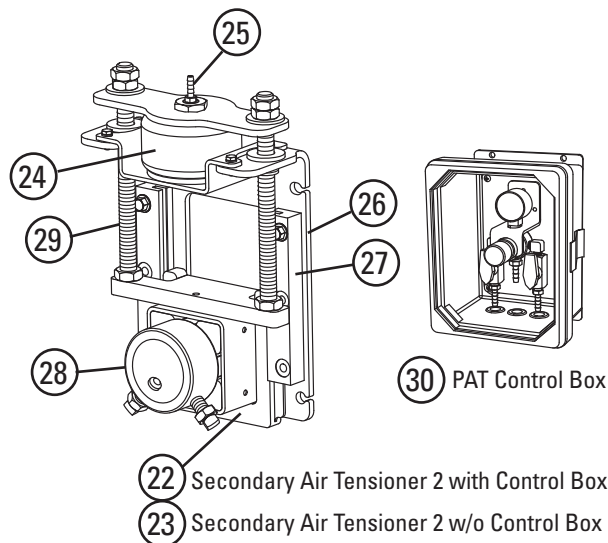
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
13a	Tension Spring - White (1 ea.) for belts 18" - 30" (450-750mm)	STS-W	75846	0.5
13b	Tension Spring - Silver (1 ea.) for belts 36" - 54" (900-1350mm)	STS-S	75843	0.8
13c	Tension Spring - Black (1 ea.) for belts 60" - 72" (1500-1800mm)	STS-B	75844	1.0
14	MST Adjusting Mechanism	MSTAM	79435	2.8
15	MST Mounting Bracket LH (incl. bushings)	MST-MBL	79436	5.7
16	MST Mounting Bracket RH (incl. bushings)	MST-MBR	79437	5.7
17	MST HD Clamp*	MSTCHD	79439	2.5
18	MST Bushing Kit (incl. 4 bushings)	MSTBK	79440	.2
19	MST Guide Pole	MSTGT	79441	1.5
20	MST HD Pole Mount*	MSTPMHD	79451	7.3
21	MST Drop Brackets (2)	MSTDDB	79434	27.7
-	MST HD Tensioner w/White Spring* (incl. 1 ea. items 15,16,18; 2 ea. items 13a,14,17,19,20)	MSTHD-W	79431	36.8
-	MST HD Tensioner w/Silver Spring* (incl. 1 ea. items 15,16,18; 2 ea. items 13b,14,17,19,20)	MSTHD-S	79432	37.5
-	MST HD Tensioner w/Black Spring* (incl. 1 ea. items 15,16,18; 2 ea. items 13c,14,17,19,20)	MSTHD-B	79433	38.1

*Hardware included

Lead time: 1 working day

MST Spring Tensioner Selection Chart

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



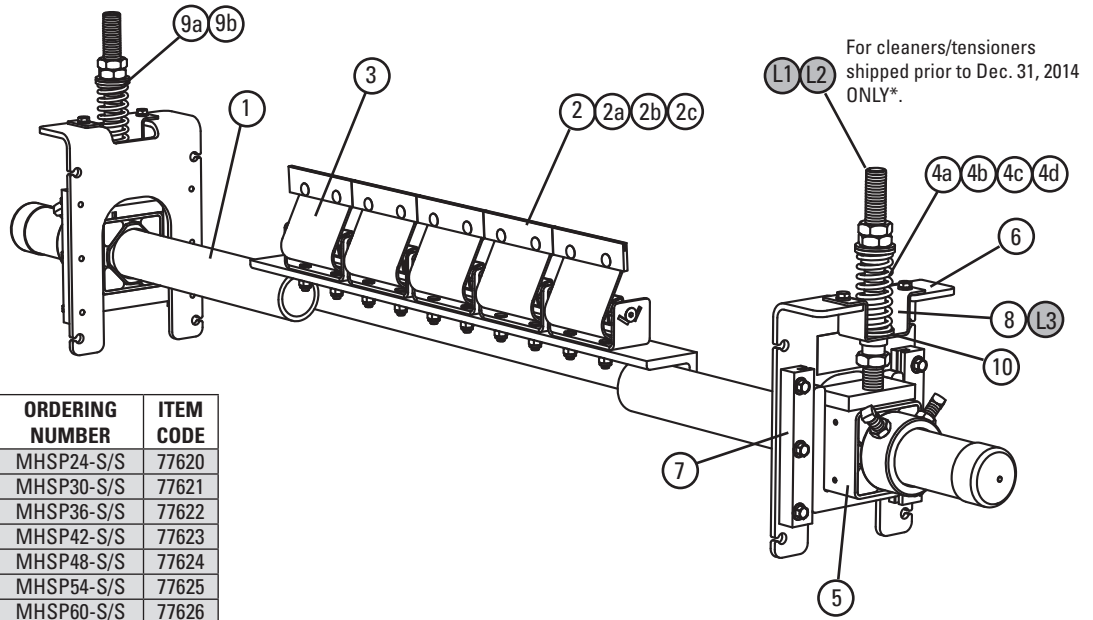
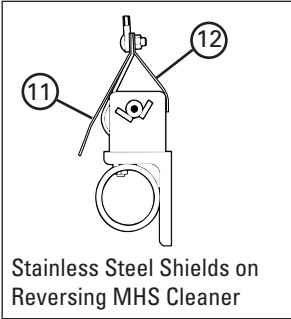
SAT2 (Secondary Air Tensioner 2) Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
22	SAT2 w/PAT Control Box	SAT2PAT	78735	43.5
23	SAT2 w/o Control Box	SAT2NCB	78703	41.0
24	SAT Air/Water Bag Kit	SATB	76083	5.1
25	SAT 1/8" Hose Barb Kit	SATHB	76084	0.1
26	SAT2 Mounting Base Kit	SAT2MK	78704	11.6
27	ST Slide Guide Kit	STGK2	77867	1.1
28	SAT2 Torsion Pole Mount	SAT2PM	78732	11.1
29	SAT2 Adjusting Rod Kit	SAT2AK	78733	5.0
30	PAT Control Box 100psi	PACB100	79656	11.0

Lead time: 1 working day

Replacement Parts List

Stainless Steel MHS Heavy Duty Secondary Cleaner



Replacement Parts

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

*Hardware Included
Lead time: 1 working day

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

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

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

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

Standard thread profile

Acme/trapezoidal thread profile

Spring Tensioner Selection Chart

CLEANER SIZE	77637 SSTDH-W-S/S	77638 SSTDH-S-S/S	77639 SSTDH-B-S/S	79042 SSTDH-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

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

Product Ordering Information

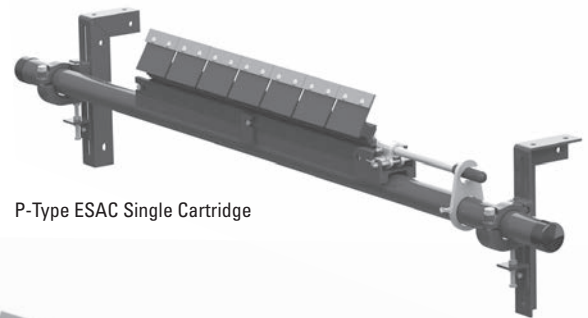
P-Type® ESAC Secondary Cleaner *with Enhanced Service Advantage Cartridge*

P-Type ESAC Secondary with C-Tips

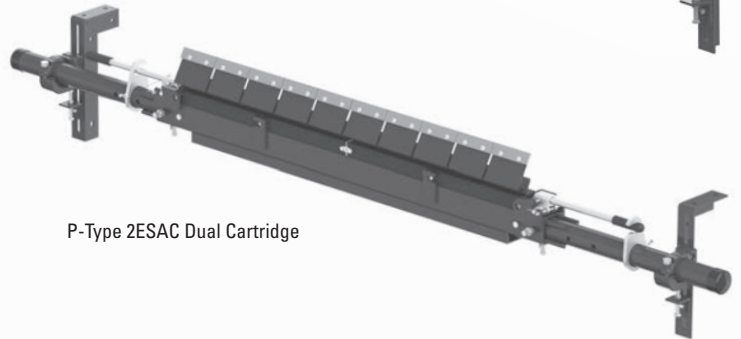
CLEANER COMPLETE				
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
24	600	PC24-ESAC	77955	137.4
30	750	PC30-ESAC	77956	150.8
36	900	PC36-ESAC	77957	164.0
42	1050	PC42-ESAC	77958	177.3
48	1200	PC48-ESAC	77959	190.5
54	1350	PC54-ESAC	77960	203.9
60	1500	PC60-ESAC	77961	217.2
72	1800	PC72-ESAC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

Lead time: 1 working day

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



P-Type ESAC Single Cartridge



P-Type 2ESAC Dual Cartridge

P-Type ESAC Secondary with V-Tips*

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

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

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

Replacement Tips

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

Lead time: 1 working day

Tips Required Per Cleaner Size

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

Product Notes:

- Patented Enhanced Service Advantage Cartridge™ allows for easy removal in even the dirtiest conditions.
- Pole Length: Belt width plus 54" (1350mm) (single cartridge cleaners); Belt width plus 60" (1500mm) (dual cartridge cleaners).
- Tips are set at a non-aggressive 70° angle to give quick relief for passing mechanical splices.
- C-Tips are for mechanically fastened or vulcanized belts. V-Tips are for vulcanized belts only.
- Tensioner mounting brackets included for fast and easy installation.
- Cartridge Removal Kit included for easy removal of the cartridge.

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

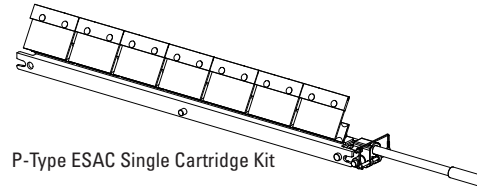
Product Ordering Information

P-Type® ESAC Secondary Cleaner Replacement Cartridge Kits

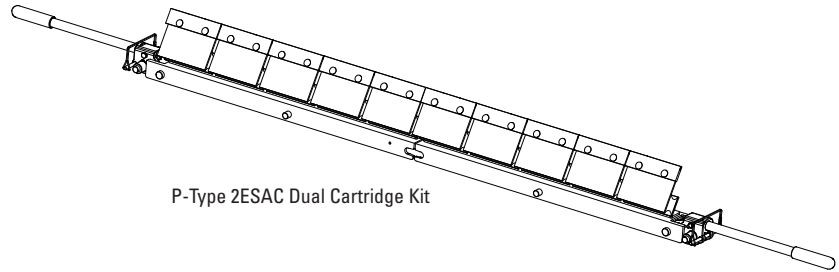
P-Type ESAC Cartridge Kits with C-Tips

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

Lead time: 1 working day



P-Type ESAC Single Cartridge Kit



P-Type 2ESAC Dual Cartridge Kit

P-Type ESAC Cartridge Kits with V-Tips*

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

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

Lead time: 1 working day

Shaded items are made to order.

Lead time: 15 working days

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

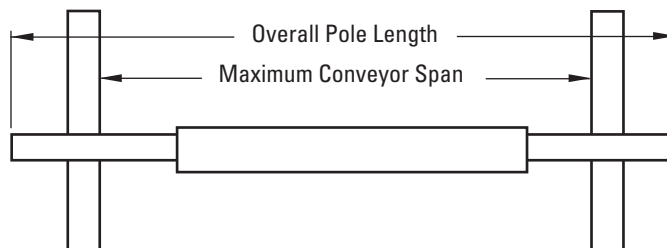
Specifications & Guidelines

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

Pole Length Specifications*

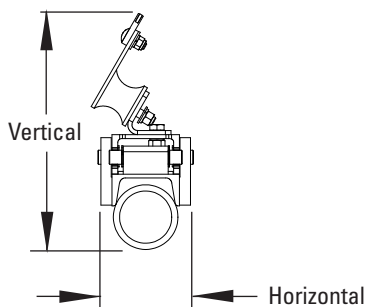
VERSION	CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
	in.	mm	in.	mm	in.	mm	in.	mm
Single	24	600	24	600	78	1950	66	1650
	30	750	30	750	84	2100	72	1800
	36	900	36	900	90	2250	78	1950
	42	1050	42	1050	96	2400	84	2100
	48	1200	48	1200	102	2550	90	2250
	54	1350	54	1350	108	2700	96	2400
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

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length (page 140). Pole Diameter - 2-7/8" (73mm)



Clearance Guidelines for Installation

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



Aluminum Content

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

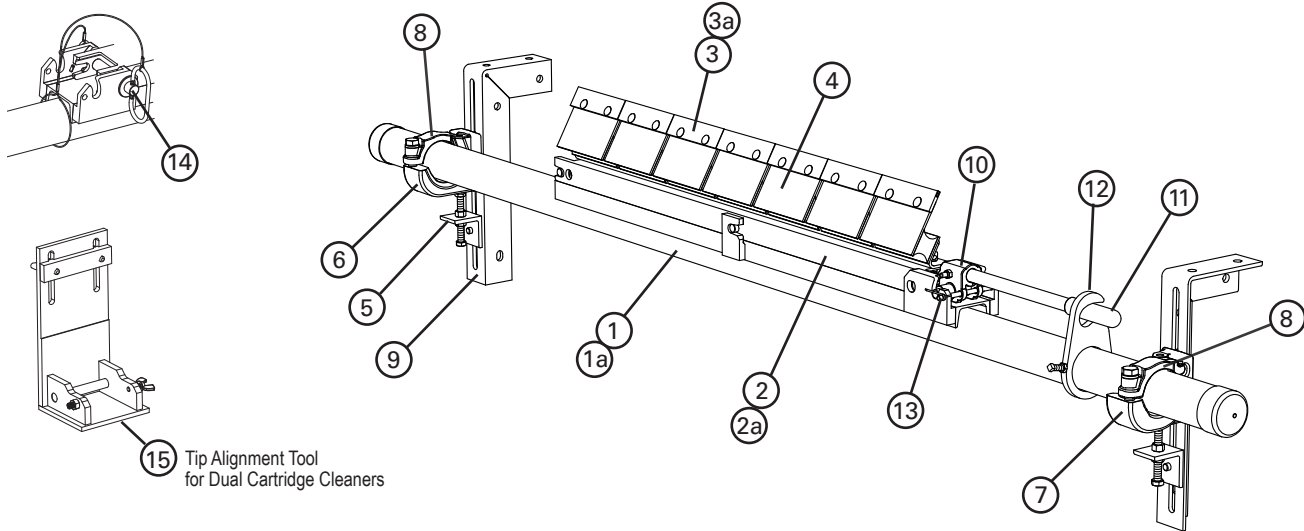
Specifications:

- Maximum Belt Speed 1000 FPM (5M/sec)
- Temperature Rating -30°F to 180°F (-35°C to 82°C)
- Usable Blade Wear Length 3/8" (9mm)
- Blade Materials..... C-Tip: Impact Resistant Tungsten Carbide (works with mechanical fasteners)
V-Tip: Long Life Tungsten Carbide (for vulcanized belts only)
- Available for Belt Widths..... 24" to 120" (600 to 3000 mm). Other sizes available upon request.
- CEMA Cleaner Rating..... Class 4

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

Replacement Parts List

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



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	ESAC Cartridge Pole 24"	SACPL-24/600	77887	65.4
	ESAC Cartridge Pole 30"	SACPL-30/750	77888	71.2
	ESAC Cartridge Pole 36"	SACPL-36/900	77889	77.1
	ESAC Cartridge Pole 42"	SACPL-42/1050	77890	82.9
	ESAC Cartridge Pole 48"	SACPL-48/1200	77891	88.8
	ESAC Cartridge Pole 54"	SACPL-54/1350	77892	94.6
	ESAC Cartridge Pole 60"	SACPL-60/1500	77893	100.5
	ESAC Cartridge Pole 72"	SACPL-72/1800	77894	112.2
	ESAC Cartridge Center Pole 60" (Dual)	SACPL2-60/1500	77895	77.3
	ESAC Cartridge Center Pole 72" (Dual)	SACPL2-72/1800	77896	89.5
	ESAC Cartridge Center Pole 84" (Dual)	SACPL2-84/2100	77897	101.8
	ESAC Cartridge Center Pole 96" (Dual)	SACPL2-96/2400	77898	114.1
	ESAC Cartridge Center Pole 120" (Dual)	SACPL2-120/3000	77899	142.3
1a	Extender Pole (for use with Dual Cartridge Center Pole)	MHP-EP	76392	54.0
2	ESAC Cartridge 24"	CART-24/600	77900	3.5
	ESAC Cartridge 30"	CART-30/750	77901	4.3
	ESAC Cartridge 36"	CART-36/900	77902	5.1
	ESAC Cartridge 42"	CART-42/1050	77903	5.9
	ESAC Cartridge 48"	CART-48/1200	77904	6.7
	ESAC Cartridge 54"	CART-54/1350	77905	7.4
	ESAC Cartridge 60"	CART-60/1500	77906	8.4
	ESAC Cartridge 72"	CART-72/1800	77907	10.0
	ESAC Cartridge 60" (Dual)	CART2-60/1500	77908	8.6
	ESAC Cartridge 72" (Dual)	CART2-72/1800	77909	10.2
	ESAC Cartridge 84" (Dual)	CART2-84/2100	77910	11.7
	ESAC Cartridge 96" (Dual)	CART2-96/2400	77911	13.3
	ESAC Cartridge 120" (Dual)	CART2-120/3000	77912	16.8
2a	ESAC Cartridge P-Type Adapter Plate 24"	PCAP-24/600	77913	4.7
	ESAC Cartridge P-Type Adapter Plate 30" §	PCAP-30/750	77914	6.1
	ESAC Cartridge P-Type Adapter Plate 36" §	PCAP-36/900	77915	7.2
	ESAC Cartridge P-Type Adapter Plate 42" §	PCAP-42/1050	77916	8.6
	ESAC Cartridge P-Type Adapter Plate 48" §	PCAP-48/1200	77917	9.8
	ESAC Cartridge P-Type Adapter Plate 54"	PCAP-54/1350	77918	11.1
	ESAC Cartridge P-Type Adapter Plate 60" §	PCAP-60/1500	77919	12.3
	ESAC Cartridge P-Type Adapter Plate 72"	PCAP-72/1800	77920	14.8

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
3	C-Tip*	ICT6	74535	0.7
3a	P V-Tip* (for vulcanized belts only)	PSA150	73156	1.0
4	P2 C-Tip Cushion*	PHA	73626	2.0
5	Adjusting Bracket Kit* (1 ea.)	PAB	75513	1.5
6	HD Pole Clamp Kit Left* (1 ea.) (incl. item 8)	CCKHDL	79225	8.7
7	HD Pole Clamp Kit Right* (1 ea.) (incl. item 8)	CCKHDR	79229	8.7
8	HD Cradle Clamp Top Strap (1 ea.) for use with L or R HD Pole Clamp Kit	CCKHDTS	79233	1.7
9	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	13.0
-	HD Cradle Clamp Mounting Kit* (incl. 2 items 5; 1 ea. items 6, 7 & 9)	CCMKHD	78920	36.7
10	ESAC Removal Knuckle	SACRKN	77882	3.2
11	ESAC Removal Handle	SACRH	77883	3.0
12	ESAC Handle Lock Plate	SACRHL	77884	1.7
13	Knuckle Retainer Pin	SACKRP	77885	0.2
14	SAC Hitch Pin	SACHP2	77768	0.9
-	ESAC Removal Kit (includes 1 ea. items 10-14)	SACRKT	77886	9.0
15	ESAC Cartridge Tip Alignment Tool (Dual)	SAC2-TIP-TL	77866	2.5

*Hardware Included
Lead Time: 1 working day

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

Product Ordering Information

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

R-Type ESAC Secondary with C-Tips

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

Lead time: 1 working day



R-Type ESAC Single Cartridge



R-Type 2ESAC Dual Cartridge

R-Type ESAC Secondary with V-Tips*

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

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

Lead time: 1 working day

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

Lead time: 1 working day

Tips Required Per Cleaner Size

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

Shaded items are made to order.

Lead time: 15 working days

Product Notes:

- Patent-pending Enhanced Service Advantage Cartridge™ allows for easy removal in even the dirtiest conditions.
- Pole Length: Belt width plus 54" (1350mm) (single cartridge cleaners); Belt width plus 60" (1500mm) (dual cartridge cleaners).
- Two-way cushions allow cleaning in both directions.
- C-Tips are for mechanically fastened or vulcanized belts. V-Tips are for vulcanized belts only.
- Tensioner mounting brackets included for fast and easy installation.
- Cartridge Removal Kit included for easy removal of the cartridge.

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

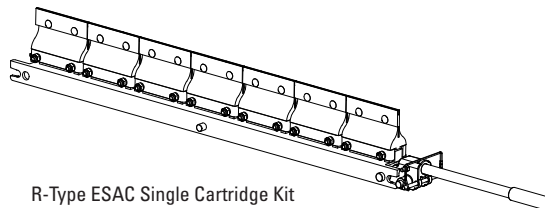
Product Ordering Information

R-Type® ESAC Secondary Cleaner Replacement Cartridge Kits

R-Type ESAC Cartridge Kits with C-Tips

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

Lead time: 1 working day



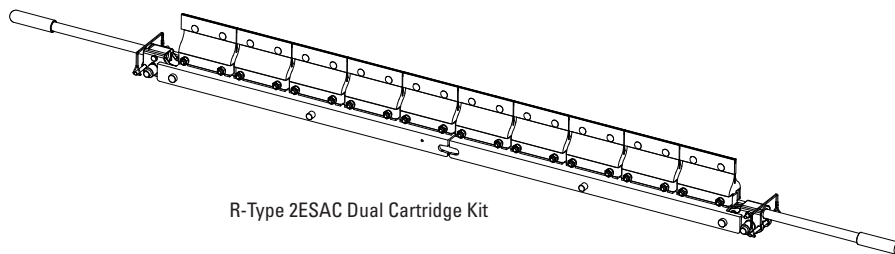
R-Type ESAC Single Cartridge Kit

R-Type ESAC Cartridge Kits with V-Tips*

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

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

Lead time: 1 working day



R-Type 2ESAC Dual Cartridge Kit

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

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

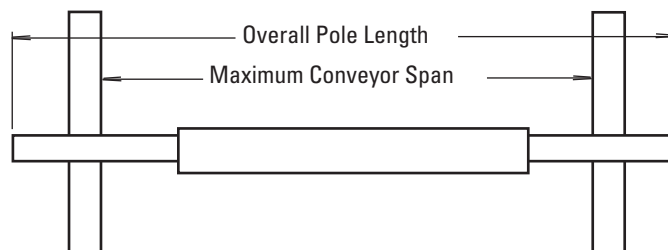
Specifications & Guidelines

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

Pole Length Specifications*

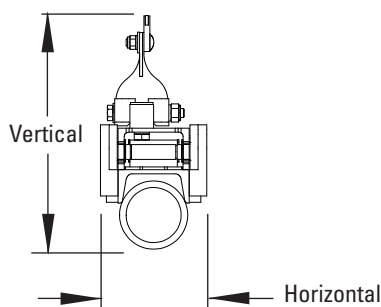
VERSION	CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
	in.	mm	in.	mm	in.	mm	in.	mm
Single	24	600	24	600	78	1950	66	1650
	30	750	30	750	84	2100	72	1800
	36	900	36	900	90	2250	78	1950
	42	1050	42	1050	96	2400	84	2100
	48	1200	48	1200	102	2550	90	2250
	54	1350	54	1350	108	2700	96	2400
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

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. (page 140). Pole Diameter - 2-7/8" (73mm)



Clearance Guidelines for Installation

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



Aluminum Content

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

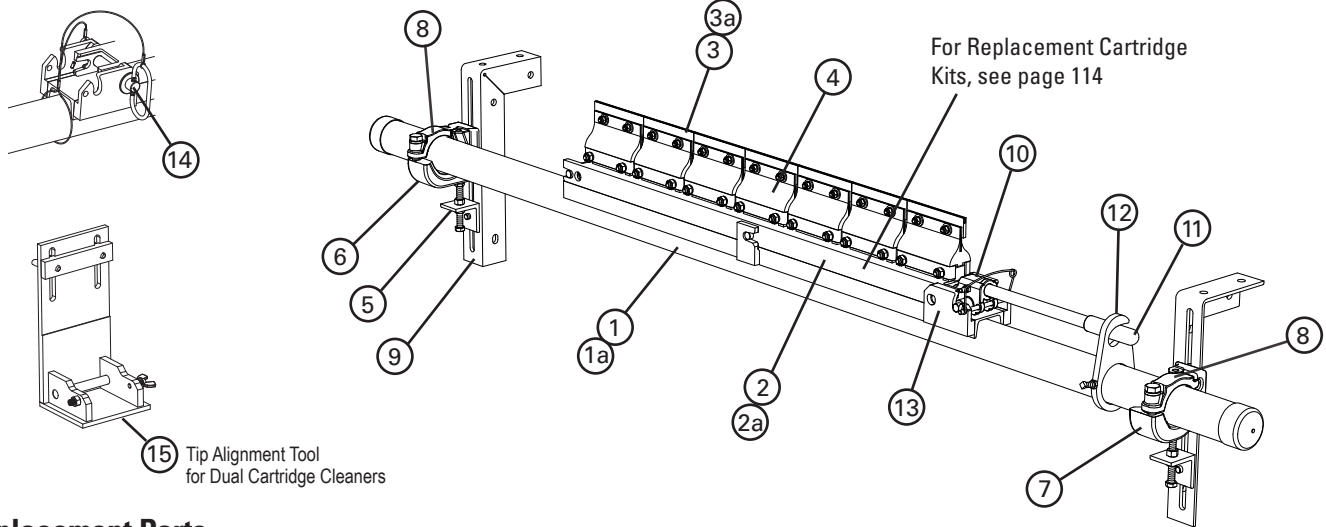
Specifications:

- Maximum Belt Speed 1000 FPM (5M/sec)
- Temperature Rating -30°F to 180°F (-35°C to 82°C)
- Usable Blade Wear Length 3/8" (9mm)
- Blade Materials..... C-Tip: Impact Resistant Tungsten Carbide (works with mechanical fasteners)
V-Tip: Long Life Tungsten Carbide (for vulcanized belts only)
- Available for Belt Widths..... 24" to 120" (600 to 3000mm). Other sizes available upon request.
- CEMA Cleaner Rating..... Class 4

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

Replacement Parts List

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



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	ESAC Cartridge Pole 24"	SACPL-24/600	77887	65.4
	ESAC Cartridge Pole 30"	SACPL-30/750	77888	71.2
	ESAC Cartridge Pole 36"	SACPL-36/900	77889	77.1
	ESAC Cartridge Pole 42"	SACPL-42/1050	77890	82.9
	ESAC Cartridge Pole 48"	SACPL-48/1200	77891	88.8
	ESAC Cartridge Pole 54"	SACPL-54/1350	77892	94.6
	ESAC Cartridge Pole 60"	SACPL-60/1500	77893	100.5
	ESAC Cartridge Pole 72"	SACPL-72/1800	77894	112.2
	ESAC Cartridge Center Pole 60" (Dual)	SACPL2-60/1500	77895	77.3
	ESAC Cartridge Center Pole 72" (Dual)	SACPL2-72/1800	77896	89.5
	ESAC Cartridge Center Pole 84" (Dual)	SACPL2-84/2100	77897	101.8
	ESAC Cartridge Center Pole 96" (Dual)	SACPL2-96/2400	77898	114.1
	ESAC Cartridge Center Pole 120" (Dual)	SACPL2-120/3000	77899	142.3
1a	Extender Pole (for use with Dual Cartridge Center Pole)	MHP-EP	76392	54.0
2	ESAC Cartridge 24"	CART-24/600	77900	3.5
	ESAC Cartridge 30"	CART-30/750	77901	4.3
	ESAC Cartridge 36"	CART-36/900	77902	5.1
	ESAC Cartridge 42"	CART-42/1050	77903	5.9
	ESAC Cartridge 48"	CART-48/1200	77904	6.7
	ESAC Cartridge 54"	CART-54/1350	77905	7.4
	ESAC Cartridge 60"	CART-60/1500	77906	8.4
	ESAC Cartridge 72"	CART-72/1800	77907	10.0
	ESAC Cartridge 60" (Dual)	CART2-60/1500	77908	8.6
	ESAC Cartridge 72" (Dual)	CART2-72/1800	77909	10.2
	ESAC Cartridge 84" (Dual)	CART2-84/2100	77910	11.7
	ESAC Cartridge 96" (Dual)	CART2-96/2400	77911	13.3
	ESAC Cartridge 120" (Dual)	CART2-120/3000	77912	16.8
2a	ESAC Cartridge R-Type Adapter Plate 24"	RCAP-24/600	77921	6.3
	ESAC Cartridge R-Type Adapter Plate 30" §	RCAP-30/750	77922	7.9
	ESAC Cartridge R-Type Adapter Plate 36" §	RCAP-36/900	77923	9.4
	ESAC Cartridge R-Type Adapter Plate 42" §	RCAP-42/1050	77924	11.1
	ESAC Cartridge R-Type Adapter Plate 48" §	RCAP-48/1200	77925	12.6
	ESAC Cartridge R-Type Adapter Plate 54"	RCAP-54/1350	77926	14.2
	ESAC Cartridge R-Type Adapter Plate 60" §	RCAP-60/1500	77927	15.8
	ESAC Cartridge R-Type Adapter Plate 72"	RCAP-72/1800	77928	19.0

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

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
3	C-Tip*	ICT6	74535	0.7
3a	R V-Tip* (for vulcanized belts only)	RSA150	73628	1.3
4	R2 C-Tip Cushion*	RSA	76249	2.0
5	Adjusting Bracket Kit* (1 ea.)	PAB	75513	1.5
6	HD Pole Clamp Kit Left* (1 ea.) (incl. item 8)	CCKHDL	79225	8.7
7	HD Pole Clamp Kit Right* (1 ea.) (incl. item 8)	CCKHDR	79229	8.7
8	HD Cradle Clamp Top Strap (1 ea.) for use with L or R HD Pole Clamp Kit	CCKHDTS	79233	1.7
9	Mounting Bracket Kit (1 Right and 1 Left)	EZS2MBK	75666	13.0
-	HD Cradle Clamp Mounting Kit* (incl. 2 items 5; 1 ea. items 6, 7 & 9)	CCMKHD	78920	36.7
10	ESAC Removal Knuckle	SACRKN	77882	3.2
11	ESAC Removal Handle	SACRH	77883	3.0
12	ESAC Handle Lock Plate	SACRHL	77884	1.7
13	Knuckle Retainer Pin	SACKRP	77885	0.2
14	SAC Hitch Pin	SACHP2	77768	0.9
-	ESAC Removal Kit (includes 1 ea. items 10-14)	SACRKT	77886	9.0
15	ESAC Cartridge Tip Alignment Tool (Dual)	SAC2-TIP-TL	77866	2.5

*Hardware Included
Lead Time: 1 working day

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

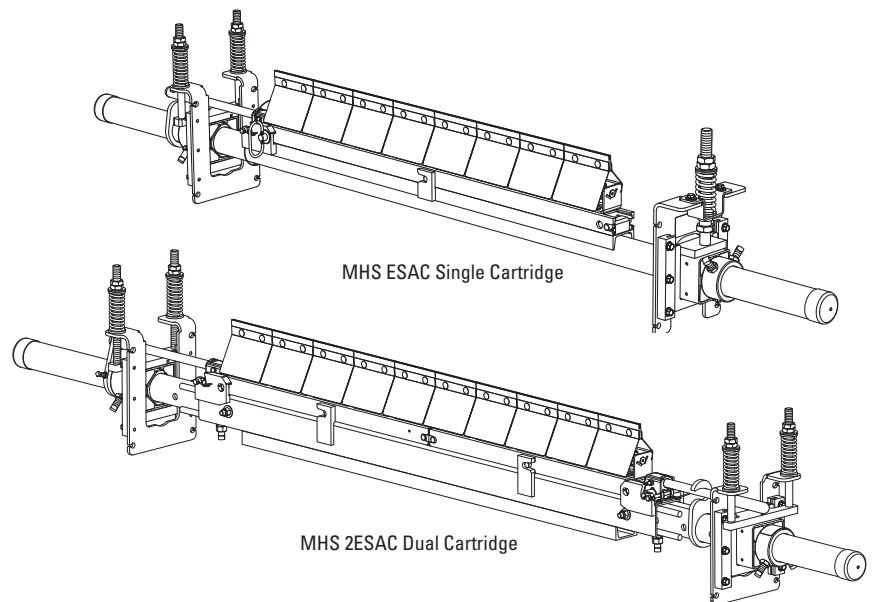
Product Ordering Information

MHS ESAC HD Secondary Cleaner with Enhanced Service Advantage Cartridge

MHS ESAC Secondary with C-Tips

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

Lead time: 1 working day



MHS ESAC Secondary with V-Tips

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

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

Lead time: 1 working day

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	.5
PFRS	76622	.4

Lead time: 1 working day

Tips Required per Cleaner Size

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

Shaded items are made to order.

Lead time: 15 working days

Product Notes:

- Patent-pending Enhanced Service Advantage Cartridge™ allows for easy removal in even the dirtiest conditions.
- Heavy-duty design to deliver maximum cleaning efficiency on the most demanding, abusive beltlines.
- Pole Length: Belt width plus 54" (1350mm) (single cartridge cleaners); Belt width plus 60" (1500mm) (dual cartridge cleaners).
- Patented PowerFlex™ cushion design to maintain continuous blade-to-belt contact and quick relief from passing mechanical splices.
- C-Tips are for mechanically fastened or vulcanized belts. V-Tips are for vulcanized belts only.
- Visual Blade Tension Check: Measure the tension spring and refer to Spring Length Chart on mounting base for the correct length for best cleaning performance.
- Tensioner mounting brackets included for fast and easy installation.
- Cartridge Removal Kit included for easy removal of the cartridge.

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

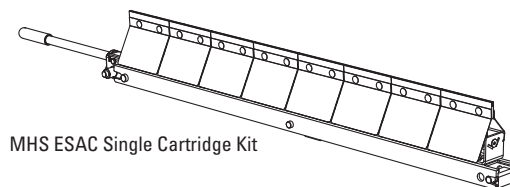
Product Ordering Information

MHS ESAC HD Secondary Cleaner Replacement Cartridge Kits

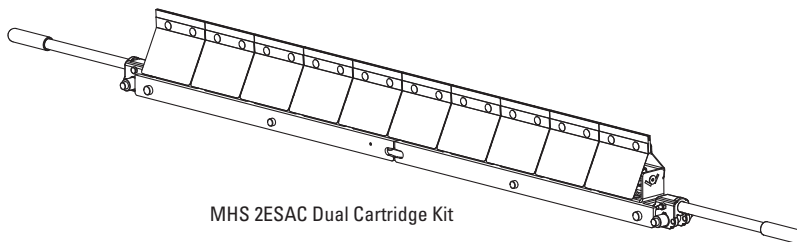
MHS ESAC Cartridge Kits with C-Tips

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

Lead time: 1 working day



MHS ESAC Single Cartridge Kit



MHS 2ESAC Dual Cartridge Kit

MHS ESAC Cartridge Kits 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

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

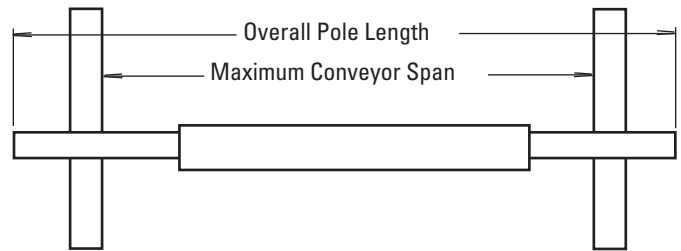
Specifications & Guidelines

MHS ESAC
HD Secondary Cleaner
with Enhanced Service Advantage Cartridge

Pole Length Specifications*

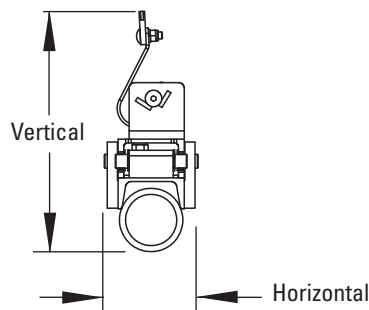
VERSION	CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
	in.	mm	in.	mm	in.	mm	in.	mm
Single	24	600	24	600	78	1950	66	1650
	30	750	30	750	84	2100	72	1800
	36	900	36	900	90	2250	78	1950
	42	1050	42	1050	96	2400	84	2100
	48	1200	48	1200	102	2550	90	2250
	54	1350	54	1350	108	2700	96	2400
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

*For special extra long pole length requirements a Pole Extender Kit (#76024) is available that provides 30" (750mm) of extended pole length. (page 140). Pole Diameter - 2-7/8" (73mm)



Clearance Guidelines for Installation

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



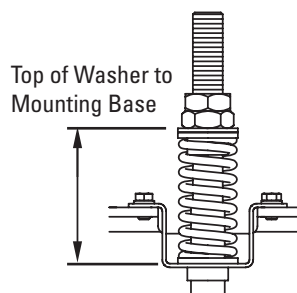
Aluminum Content

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

Spring Length Chart for SST Spring Tensioner

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

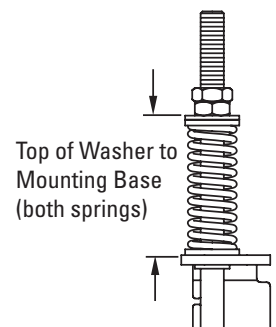
Shading indicates preferred spring option



Spring Length Chart for CST Spring Tensioner

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

Shading indicates preferred spring option



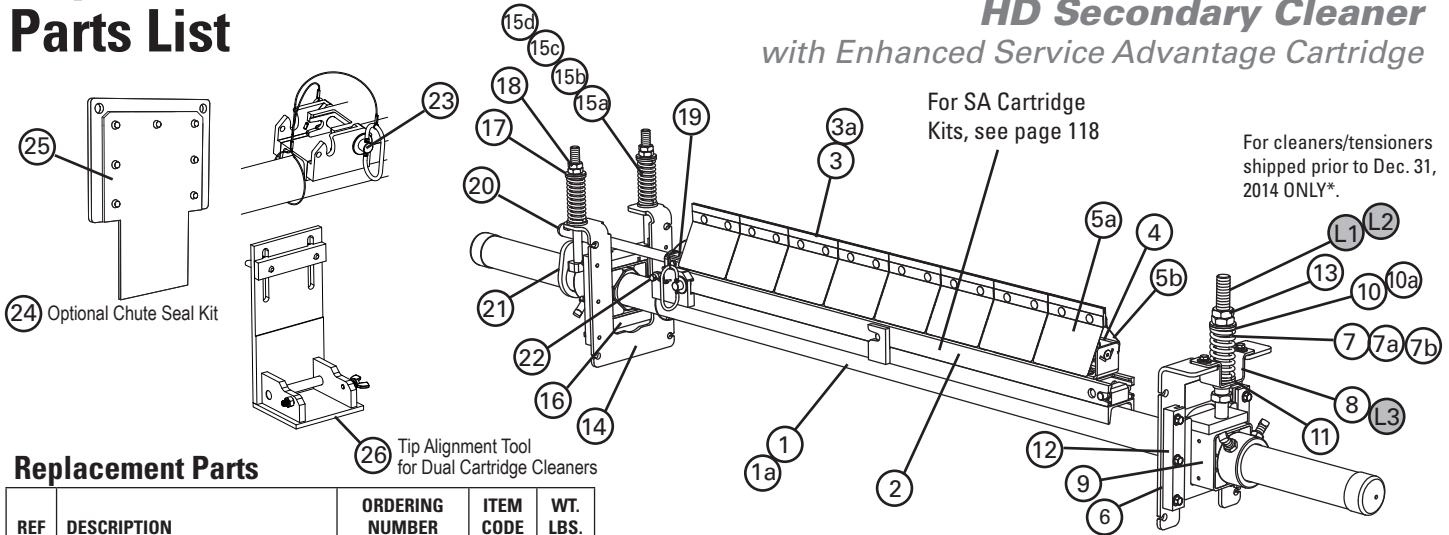
Specifications:

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

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

Replacement Parts List

MHS ESAC HD Secondary Cleaner with Enhanced Service Advantage Cartridge



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	ESAC Cartridge Pole 24"	SACPL-24/600	77887	65.4
	ESAC Cartridge Pole 30"	SACPL-30/750	77888	71.2
	ESAC Cartridge Pole 36"	SACPL-36/900	77889	77.1
	ESAC Cartridge Pole 42"	SACPL-42/1050	77890	82.9
	ESAC Cartridge Pole 48"	SACPL-48/1200	77891	88.8
	ESAC Cartridge Pole 54"	SACPL-54/1350	77892	94.6
	ESAC Cartridge Pole 60"	SACPL-60/1500	77893	100.5
	ESAC Cartridge Pole 72"	SACPL-72/1800	77894	112.2
	ESAC Cartridge Center Pole 60" (Dual)	SACPL2-60/1500	77895	77.3
	ESAC Cartridge Center Pole 72" (Dual)	SACPL2-72/1800	77896	89.5
2	ESAC Cartridge Center Pole 84" (Dual)	SACPL2-84/2100	77897	101.8
	ESAC Cartridge Center Pole 96" (Dual)	SACPL2-96/2400	77898	114.1
	ESAC Cartridge Center Pole 120" (Dual)	SACPL2-120/3000	77899	142.3
1a	Extender Pole (for use with Dual Cartridge Center Pole)	MHP-EP	76392	54.0
3	ESAC Cartridge 24"	CART-24/600	77900	3.5
	ESAC Cartridge 30"	CART-30/750	77901	4.3
	ESAC Cartridge 36"	CART-36/900	77902	5.1
	ESAC Cartridge 42"	CART-42/1050	77903	5.9
	ESAC Cartridge 48"	CART-48/1200	77904	6.7
	ESAC Cartridge 54"	CART-54/1350	77905	7.4
	ESAC Cartridge 60"	CART-60/1500	77906	8.4
	ESAC Cartridge 72"	CART-72/1800	77907	10.0
	ESAC Cartridge 60" (Dual)	CART2-60/1500	77908	8.6
	ESAC Cartridge 72" (Dual)	CART2-72/1800	77909	10.2
4	ESAC Cartridge 84" (Dual)	CART2-84/2100	77910	11.7
	ESAC Cartridge 96" (Dual)	CART2-96/2400	77911	13.3
	ESAC Cartridge 120" (Dual)	CART2-120/3000	77912	16.8
3	C-Tip*	ICT6	74535	0.7
3a	V-Tip* (for vulcanized belts only)	RSA150	73628	1.3
4	PowerFlex™ Cushion*	PFC	75927	4.2
5a	PowerFlex Front Shield	PFS-ESAC	79073	.5
5b	PowerFlex Reversing Shield	PFRS	76622	.4
6	SST HD Mounting Base Kit* (incl. 1 mounting base, 2 slide guides, top hat bracket, & bottom bushing)	SSTHDMK	77870	10.2
7	SST Spring - White (1 ea.) for belts 18"-30" (450-750 mm)	STS-W	75846	0.5
7a	SST Spring - Silver (1 ea.) for belts 36"-48" (900-1200 mm)	STS-S	75843	0.8
7b	SST Spring - Black (1 ea.) for belts 54"-84" (1350-2100 mm)	STS-B	75844	1.0
8	SST Hat Bracket (pair)	SSTHB	79582	3.5
9	HD Torsion Pole Mount* (1 ea.) (includes adjusting rod, 3 nuts & sleeve) (See 9 & 9a for bushings)	SSTHDPM	77868	15.0
10	SST Bushing Kit - White/Silver	SSTBK-W	76636	0.1
10a	SST Bushing Kit - Black/Gold	SSTBK-B	76637	0.1
11	SST Lower Bushing Kit (pair)	SSTLBK	79493	0.1
12	SST Slide Guide Kit	STGK2	77867	1.1
13	Jam Nut Kit SST Tensioner	JNK-C	79893	0.3
-	SST HD Cartridge Tensioner - White (includes 1 ea. item 6, 7, 9, 10) for belts 18"-30" (450-750 mm)	SST1HD-W	77876	30.3
-	SST HD Cartridge Tensioner - Silver (includes 1 ea. item 6, 7a, 9, 10) for belts 36"-48" (900-1200 mm)	SST1HD-S	77877	30.7
-	SST HD Cartridge Tensioner - Black (includes 1 ea. item 6, 7b, 9, 10a) for belts 54"-84" (1350-2100 mm)	SST1HD-B	77878	31.0

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
14	CST HD Mounting Base Kit* (incl. 1 mounting base, 2 slide guides, top hat bracket, & bottom bushing)	CSTHDMK	77871	8.5
15a	CST Spring - White (1 ea.) for belts 18"-30" (450-750 mm)	CTS-W	77742	0.5
15b	CST Spring - Silver (1 ea.) for belts 36"-48" (900-1200 mm)	CTS-S	77743	0.5
15c	CST Spring - Black (1 ea.) for belts 54"-84" (1350-2100 mm)	CTS-B	77744	0.6
15d	CST Spring - Gold (1 ea.) for belts 96"-120" (2400-3000 mm)	CTS-G	77745	0.8
16	CST HD Torsion Pole Mount* (1 ea.) (incl. 2 adjusting rods, 4 nuts)	CSTHDPM	77869	16.4
17	CST Bushing Kit (includes 4 bushings)	CSTBK	77037	0.1
18	Jam Nut Kit CST Tensioner	JNK-E	79895	0.3
-	CST HD Cartridge Tensioner - White (incl. 1 ea. item 14, 16, 17 and 2 ea. item 15a) for belts 18"-30" (450-750 mm)	CST1HD-W	77872	30.1
-	CST HD Cartridge Tensioner - Silver (incl. 1 ea. item 14, 16, 17 and 2 ea. item 15b) for belts 36"-48" (900-1200 mm)	CST1HD-S	77873	30.1
-	CST HD Cartridge Tensioner - Black (includes 1 ea. item 14, 16, 17 and 2 ea. item 15c) for belts 54"-84" (1350-2100 mm)	CST1HD-B	77874	30.1
-	CST HD Cartridge Tensioner - Gold (includes 1 ea. item 14, 16, 17 and 2 ea. item 15d) for belts 96"-120" (2400-3000 mm)	CST1HD-G	77875	30.7
17	ESAC Removal Knuckle	SACRKN	77882	3.2
18	ESAC Removal Handle	SACRHN	77883	3.0
19	ESAC Handle Lock Plate	SACRHL	77884	1.7
20	Knuckle Retainer Pin	SACKRP	77885	0.2
21	SAC Hitch Pin	SACHP2	77768	0.9
-	ESAC Removal Kit (includes 1 ea. item 19, 20, 21, 22, 23)	SACRKT	77886	9.0
22	ESAC Chute Seal Kit	SACSK	77052	3.9
23	ESAC Chute Seal Replacement Cover	SACSRC	77065	0.5
24	ESAC Cartridge Tip Alignment Tool (Dual)	SAC2-TIP-TL	77866	2.5

*Hardware Included Lead Time: 1 working day

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

L1	SST Adj Rod Kit* (incl. 1 rod, 2 nuts, 2 bushings, 1 washer) for belts 18"-60" (450-1500 mm)	STAK	75847	2.9
L2	SST HD Adj Rod Kit* (incl. 1 rod, 2 nuts, 2 HD bushings, 1 washer) for belts 72"-84" (1800-2100 mm)	STAKHD	75892	3.0
L3	Legacy SST Hat Channel Kit	SSTHK	79070	1.5

*Hardware Included Lead Time: 1 working day

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



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

Product Ordering Information

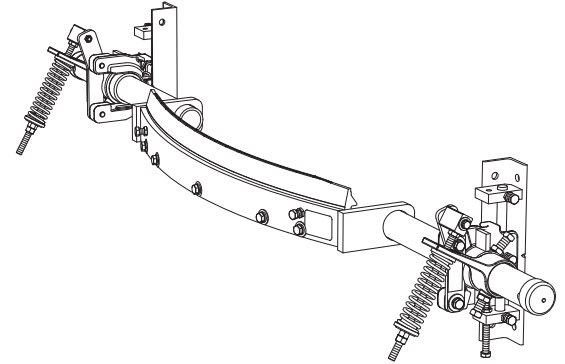
U-Type® Secondary Cleaner with USTensioner (Mild Steel)

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

CLEANER COMPLETE					REPLACEMENT V-BLADE		
BELT WIDTH		ORDERING	ITEM	WT.	ORDERING	ITEM	WT.
in.	mm	NUMBER	CODE	LBS.	NUMBER	CODE	LBS.
18	450	UTV18	76700	100.0	URVB18/450	76736	5.0
24	600	UTV24	76701	106.7	URVB24/600	76737	6.7
30	750	UTV30	76702	114.4	URVB30/750	76738	8.4
36	900	UTV36	76703	120.1	URVB36/900	76739	10.1
42	1050	UTV42	76704	126.7	URVB42/1050	76740	11.7
48	1200	UTV48	76705	134.5	URVB48/1200	76741	13.5
54	1350	UTV54	76706	141.0	URVB54/1350	76742	15.0
60	1500	UTV60	76707	148.8	URVB60/1500	76743	16.8
72	1800	UTV72	76708	225.2	URVB72/1800	76744	20.2
84	2100	UTV84	76709	241.5	URVB84/2100	76745	23.5

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

Lead time: 1 working day



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

CLEANER COMPLETE					REPLACEMENT C-BLADE		
BELT WIDTH		ORDERING	ITEM	WT.	ORDERING	ITEM	WT.
in.	mm	NUMBER	CODE	LBS.	NUMBER	CODE	LBS.
18	450	UTC18	76712	100.0	URCB18/450	76748	5.0
24	600	UTC24	76713	106.7	URCB24/600	76749	6.7
30	750	UTC30	76714	114.4	URCB30/750	76750	8.4
36	900	UTC36	76715	120.1	URCB36/900	76751	10.1
42	1050	UTC42	76716	126.7	URCB42/1050	76752	11.7
48	1200	UTC48	76717	134.5	URCB48/1200	76753	13.5
54	1350	UTC54	76718	141.0	URCB54/1350	76754	15.0
60	1500	UTC60	76719	148.8	URCB60/1500	76755	16.8
72	1800	UTC72	76720	225.2	URCB72/1800	76756	20.2
84	2100	UTC84	76721	241.5	URCB84/2100	76757	23.5

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

Lead time: 1 working day

U-Type® with F-Blade (Polyurethane)*

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

*NOTE: F-Blades (Polyurethane) can be used on mechanically spliced belts and vulcanized belts.

Lead time: 1 working day

Product Ordering Information

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

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

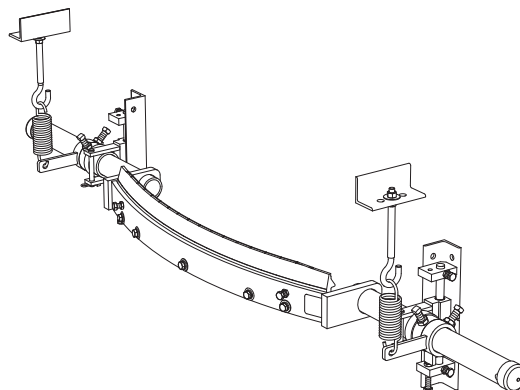
CLEANER COMPLETE					REPLACEMENT V-BLADE		
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm						
18	450	UTV450J-S/S	77259	90.0	URVB18/450	76736	5.0
24	600	UTV600J-S/S	77260	96.7	URVB24/600	76737	6.7
30	750	UTV750J-S/S	77261	104.4	URVB30/750	76738	8.4
36	900	UTV900J-S/S	77262	110.1	URVB36/900	76739	10.1
42	1050	UTV1050J-S/S	77263	116.7	URVB42/1050	76740	11.7
48	1200	UTV1200J-S/S	77264	124.5	URVB48/1200	76741	13.5
54	1350	UTV1350J-S/S	77265	131.0	URVB54/1350	76742	15.0
60	1500	UTV1500J-S/S	77267	138.8	URVB60/1500	76743	16.8
72	1800	UTV1800J-S/S	77269	188.2	URVB72/1800	76744	20.2
84	2100	UTV2100J-S/S	77271	204.5	URVB84/2100	76745	23.5

*NOTE: V-Blades (Tungsten Carbide) can be used on vulcanized belts and mechanically spliced belts ONLY IF the splice is skived (recessed into the belt's cover) (on solid plate splices the bolts must be ground).

CAUTION: The V-Blade CANNOT be used on belts with mechanical rip repair fasteners.

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

304 grade stainless steel



Shaded items are made to order.

Lead time: 5 weeks

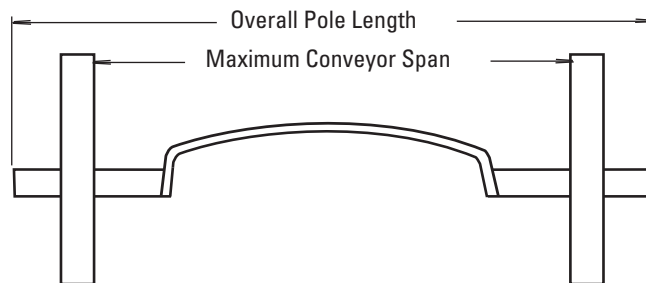
Specifications & Guidelines

U-Type®
Secondary Cleaner

Pole Length Specifications

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

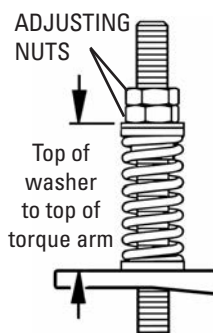
Pole Diameter - 18" to 60" cleaners: 2-3/8" (60mm)
Pole Diameter - 72" to 84" cleaners: 2-7/8" (75mm)



Spring Length Chart

(For Cleaners with UST Tensioners)

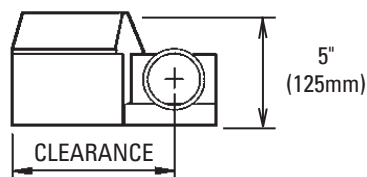
BLADE WIDTH		PURPLE SPRING		SILVER SPRING		WHITE SPRING	
in.	mm	in.	mm	in.	mm	in.	mm
18	450	6 1/8	154	6 3/8	160	6 3/8	162
24	600	5 7/8	148	6 1/4	158	6 1/4	159
30	750	5 1/2	140	6 1/8	154	6 1/4	159
36	900	5 3/8	136	6	152	6 1/8	156
42	1050	5	128	5 7/8	150	6 1/8	156
48	1200	N/A	N/A	5 3/4	146	6	152
54	1350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



Clearance Guidelines For Installation

Cleaner Clearance Requirements

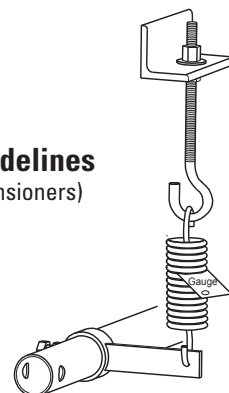
U Cleaner Size		Clearance	
in.	mm	in.	mm
18"	450	6	155
24"	600	7	180
30"	750	8	205
36"	900	8	205
42"	1050	9 1/4	235
48"	1200	10 1/2	270
54"	1350	10 3/4	275
60"	1500	10 3/4	275
72"	1800	10 3/4	275
84"	2100	10 3/4	275
96"	2400	10 3/4	275



Spring Tensioner Guidelines

(For Cleaners with J-Bolt Tensioners)

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

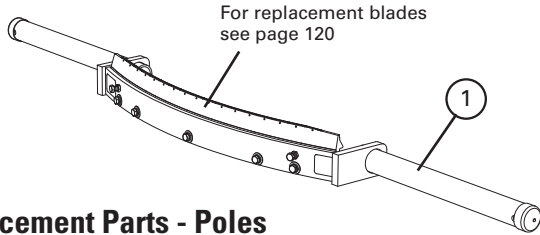


Specifications:

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

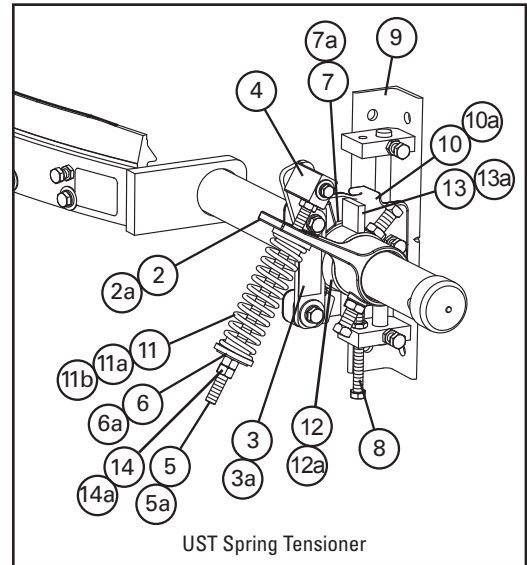
Replacement Parts List

U-Type® Secondary Cleaner with USTensioner



Replacement Parts - 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



UST Spring Tensioner

Replacement Parts - UST Tensioner

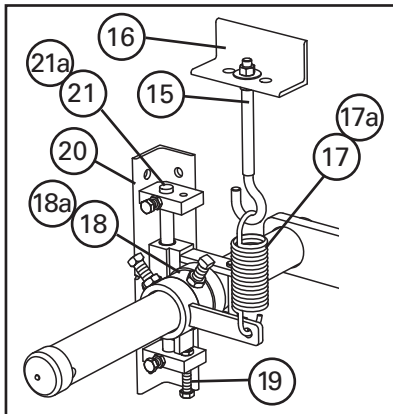
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
2	Torque Arm Kit* (1 ea.) †Δ	ESTAK-EST	76406	3.6
2a	Torque Arm Kit HD* (1 ea.) §	PSTA	75896	11.4
3	Pivot Shaft Bracket Kit* (1 ea.) †Δ	UPSBK	76784	1.7
3a	Pivot Shaft Bracket Kit HD* (1 ea.) §	QMTPSBK	76099	4.3
4	Pivot Block Kit* (1 ea.) †Δ	UPBK	76785	1.0
5	Pivot Rod Kit* (1 ea.) †Δ	ESPRK	76409	1.2
5a	Pivot Rod Kit HD* (1 ea.) §	QMTPAK	76096	4.3
6	Bushing Kit (incl. 2 bushings) †Δ	ESBK-PS	76410	0.1
6a	Bushing Kit HD (incl. 2 bushings) §	QMTBK-W	76098	0.1
7	Standard Pole Bearing (1 ea.) †Δ	USPB2	79206	0.1
7a	HD Pole Bearing (1 ea.) §	UHPB2	79207	0.2
8	Adjusting Bolt Kit (1 ea.) (incl. locknut)	ABU	76788	0.2
9	Mounting Bracket Kit* (1 ea.)	UMBK	76789	9.7
10	Slide Plate Kit* (1 ea.) †Δ	USPK	76790	4.6
10a	HD Slide Plate Kit* (1 ea.) §	UHSPK	76791	5.2
11	Tension Spring - Purple (1 ea.) †	QMTS-P	75845	0.6
11a	Tension Spring - Silver (1 ea.) Δ	ESS-S	76412	1.2
11b	Tension Spring - White (1 ea.) §	PSTS-W	75898	1.7
12	UST Stop Collar Retrofit Kit* †Δ	USTSCK	79202	5.0
12a	HD UST Stop Collar Retrofit Kit* §	USTSCKHD	79204	7.4
13	Stop Collar*	USTSC	79299	1.5
13a	HD Stop Collar*	USTSCHD	79300	2.0
14	Jam Nut Kit UST	JNK-F	79896	0.3
14a	Jam Nut Kit USTHD	JNK-C	79893	0.3
—	UST Spring Tensioner* - Purple † (incl. 1 ea. items 2, 3, 4, 5, 6, 8, 9, 10, 11)	UST-P	76794	25.0
—	UST Spring Tensioner* - Silver Δ (incl. 1 ea. items 2, 3, 4, 5, 6, 8, 9, 10, 11a)	UST-S	77757	25.0
—	UST Spring Tensioner* - White § (incl. 1 ea. items 2a, 3a, 4, 5a, 6a, 8, 9, 10a, 11b)	UST-W	76795	40.0
—	Standard Mounting Kit* (incl. 1 ea. items 8, 9, 10) † Δ (for blade widths 18" - 60" (450 - 1500mm))	USMK	76792	14.6
—	HD Mounting Kit* (incl. 1 ea. items 8, 9, 10a) § (for blade widths 72" - 96" (1800 - 2400mm))	UHMK	76793	15.5

*Hardware included

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

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

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



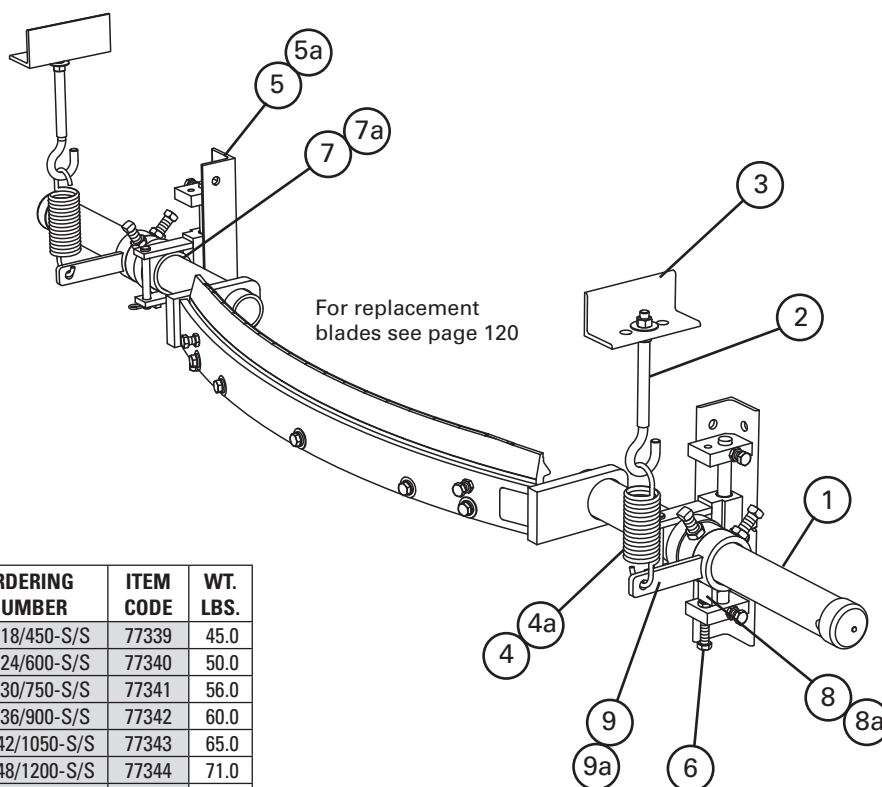
For use in changing UST Spring Tensioner to a J-Bolt Tensioner

Replacement Parts - J-bolt Tensioner

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
15	J-Bolt (incl. locknut & washer)	STJK	74417	0.7
16	J-Bolt Mount (1 ea.)	STJM	74775	3.0
17	Tension Spring (1 ea.) †	STTS	74419	1.4
17a	HD Tension Spring (1 ea.) §	HDTS	74502	2.0
18	Stop Collar †	USTSC	79299	1.5
18a	HD Stop Collar §	USTSCHD	79300	2.0
19	Adjusting Bolt Kit (1 ea.) (incl. locknut)	ABU	76788	0.2
20	Mounting Bracket Kit* (1 ea.)	UMBK	76789	9.7
21	Slide Plate Kit* (1 ea.) †Δ	USPK	76790	4.6
21a	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" - 60" (450 - 1500mm))	USMK	76792	14.6
—	HD Mounting Kit* (incl. 1 ea. items 8, 9, 10a) § (for blade widths 72" - 84" (1800 - 2100mm))	UHMK	76793	15.5
—	18-60" J-Bolt Complete Tension Kit (incl. 2 ea. 15, 16, 17, 18, 19, 20, 21)†	MMKU	77324	19.3
—	64" + J-Bolt Complete Tension Kit (incl. 2 ea. 15a, 16, 17a, 18a, 19, 20, 21a)§	MMKUHD	77327	20.7

Replacement Parts List

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



U-Type® Stainless Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	USP18/450-S/S	77339	45.0
	24" (600mm) Pole	USP24/600-S/S	77340	50.0
	30" (750mm) Pole	USP30/750-S/S	77341	56.0
	36" (900mm) Pole	USP36/900-S/S	77342	60.0
	42" (1050mm) Pole	USP42/1050-S/S	77343	65.0
	48" (1200mm) Pole	USP48/1200-S/S	77344	71.0
	54" (1350mm) Pole	USP54/1350-S/S	77345	76.0
	60" (1500mm) Pole	USP60/1500-S/S	77347	82.0
	72" (1800mm) Pole	USP72/1800-S/S	77349	125.0
	84" (2100mm) Pole	USP84/2100-S/S	77351	138.0
2	J-Bolt Kit* (incl. locknut and washer)	STJK-S/S	77334	0.7
3	J-Bolt Mount (1 ea.)	STJM-S/S	77332	3.0
4	18 - 60" Tension Spring (1 ea.)	STTS-S/S	75585	1.0
4a	64"+ Tension Spring (1 ea.)	HDT-S/S	75586	1.5
5	18 - 60" Mounting Bracket Kit (incl. R & L)	USMK-S/S-M	82885	16.0
5a	64"+ Mounting Bracket Kit (incl. R & L)	USMKHD-S/S-M	82886	19.0
6	Adjusting Bolt Kit (incl. locknut)	ABU	76788	1.0
7	18 - 60" UHMW Bearing (1 ea.)	USPB2	79206	1.0
7a	64"+ UHMW Bearing (1 ea.)	UHPB2	79207	1.0
8	18 - 60" Stop Collar* (1 ea.)	UPL-S/S-MT	82810	2.0
8a	64"+ Stop Collar* (1 ea.)	UPLHD-S/S-MT	82811	2.0
9	18 - 60" Adjusting Arm* (1 ea.)	HARK-S/S	77364	2.0
9a	64"+ Adjusting Arm* (1 ea.)	HDARK-S/S	77331	2.0
-	18 - 60" Mounting Kit* (incl. 2 ea. items 2, 3, 4, 5, 6, 7, 8, & 9)	MMKU-S/S	77357	40.0
-	64"+ Mounting Kit* (incl. 2 ea. items 2, 3, 4a, 5a, 6, 7a, 8a, & 9a)	MMKUHD-S/S	77358	43.0

*Hardware included

Lead time: 1 working day

Shaded items are made to order.

Lead time: 5 weeks

Product Ordering Information

MDWS Secondary Cleaner DryWipe for Removing Water

MDWS Secondary Belt Cleaner

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

Lead time: 1 working day



MDWS Secondary Belt Cleaner with SAT2 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

Lead time: 1 working day



Replacement ConShear™ DW Blades (Color Identification: Black)

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

Actual blade width is belt width + 4".

ConShear DW Blades are black for easy identification.

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

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" (100mm). The extra length ensures the water is removed from the belt.
- Pole Length: Belt width plus 60" (1500mm) for cleaners up to 60" (1500mm), belt width plus 54" (1350mm) for cleaners over 60" (1500mm). For longer requirements, see Accessories - Pole Extender Kit (page 140).
- Visual Blade Tension Check: Measure the tension spring and refer to the Spring Length Chart on mounting base for the correct length for best cleaning performance.
- To make cleaner installation easier and quicker, see Optional Mounting Kits (page 140).

U.S. Patent No. D482,508S

Product Ordering Information

Line Connections for Portable Air Tensioner

Air Tanks

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



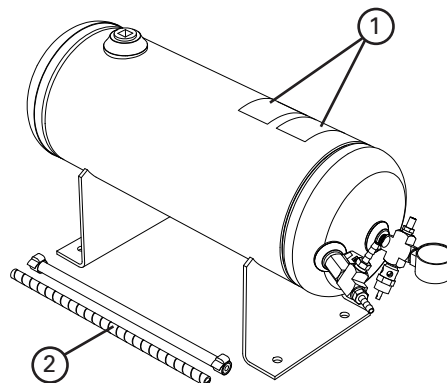
PAT1 (Single)



PAT2 (Dual)

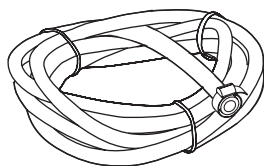
Replacement Parts List

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Tank Label Kit	PATLK	78791	0.1
2	Tank Hose Kit (incl. 1 ea. 10' hose and 1' poly spiral wrap, 2 hose clamps)	PATHK	78794	1.5



Product Notes:

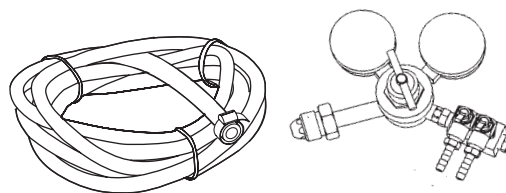
- For use with PAT cleaner assemblies and PAT control box.
- Single for applications with one cleaner, double for applications with two cleaners.
- 150# pop-off valve for safe pressurizing/charging of Air Tank.
- ASME construction.



Air Line Connection for Site-Accessible Air

ORDERING NUMBER	ITEM CODE	WT. LBS.
PATHK*	78794	1.5

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



Nitrogen Tank Connection for Site-Provided Nitrogen Tank

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

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

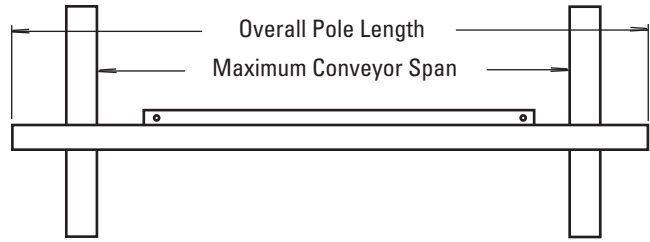
Specifications & Guidelines

MDWS Secondary Cleaner DryWipe for Removing Water

Pole Length Specifications*

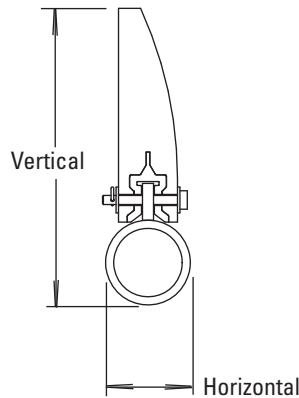
CLEANER SIZE		BLADE WIDTH		POLE LENGTH		MAXIMUM CONVEYOR SPAN	
in.	mm	in.	mm	in.	mm	in.	mm
24	600	28	700	84	2100	68	1700
30	750	34	850	90	2250	74	1850
36	900	40	1000	96	2400	80	2000
42	1050	46	1150	102	2550	86	2150
48	1200	52	1300	108	2700	92	2300
54	1350	58	1450	114	2850	98	2450
60	1500	64	1600	120	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" (750mm) of extended pole length. (page 140).
Pole Diameter - 2-7/8" (73mm)



Clearance Guidelines for Installation

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

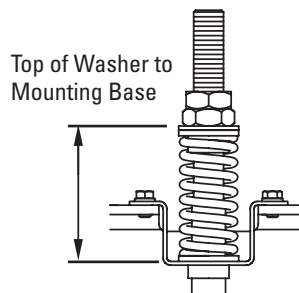


Spring Length Chart

with SST Spring Tensioner

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

Shading indicates preferred spring option



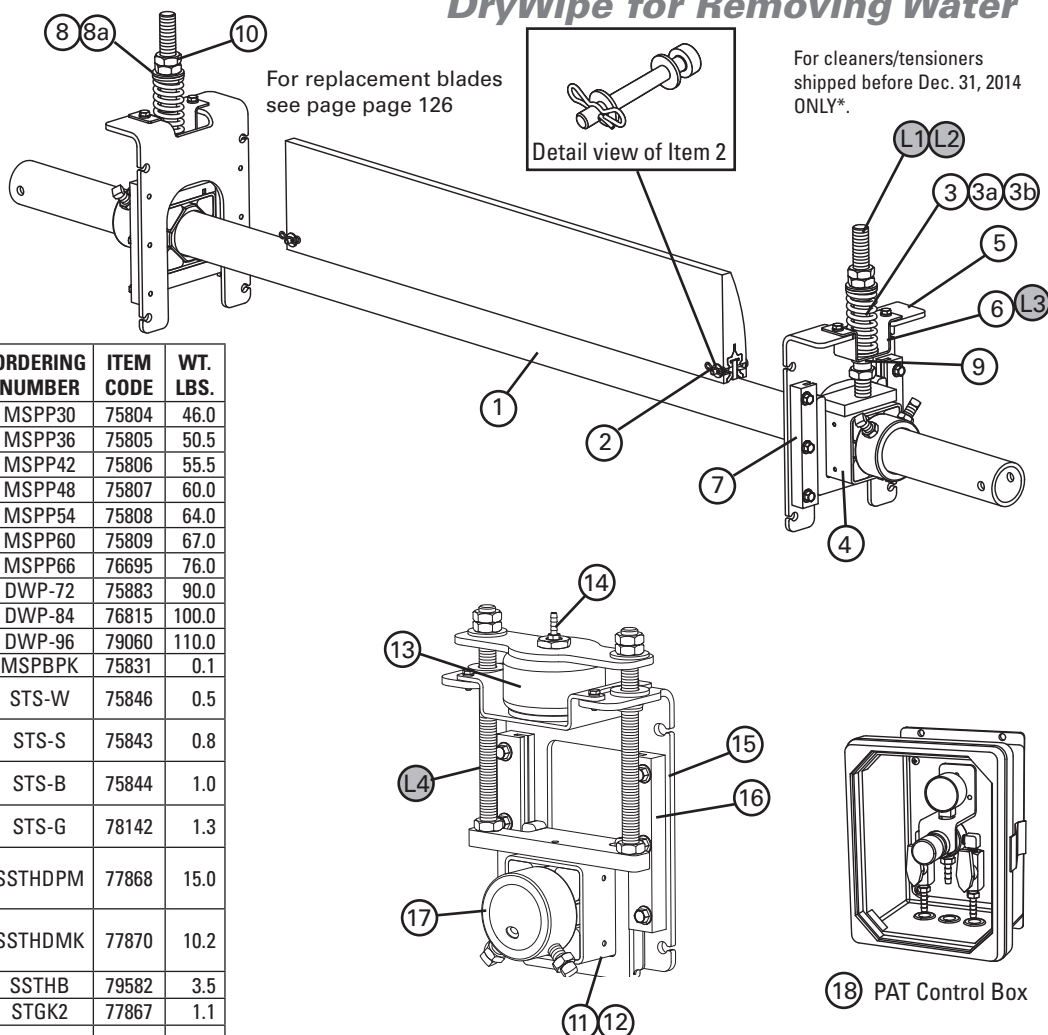
PAT Pressure Chart

BLADE WIDTH	PSI
18"	15#
24"	19#
30"	23#
36"	27#
42"	31#
48"	35#
54"	39#
60"	43#
72"	51#
84"	59#
96"	67#

Specifications:

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

U.S. Patent No. D482,508S



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	24" (600mm) Pole	MSPPP30	75804	46.0
	30" (750mm) Pole	MSPPP36	75805	50.5
	36" (900mm) Pole	MSPPP42	75806	55.5
	42" (1050mm) Pole	MSPPP48	75807	60.0
	48" (1200mm) Pole	MSPPP54	75808	64.0
	54" (1350mm) Pole	MSPPP60	75809	67.0
	60" (1500mm) Pole	MSPPP66	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.)	MSPBPK	75831	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.) (includes adjusting rod, 3 nuts & sleeve) (See 8 & 8a for bushings)	SSTHDPM	77868	15.0
5	SST HD Mounting Base Kit* (includes 1 mounting base, 2 slide guides, top hat bracket & bottom bushing)	SSTHDMK	77870	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 (includes 2 bushings)	SSTBK-W	76636	0.1
8a	SST Bushing Kit - Black/Gold (includes 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
—	HD Spring Tensioner* - White includes 2 each items 3, 4, 5 & 8) for belts 18" - 30" (450-750mm)	SST2HD-W	77879	60.6
—	HD Spring Tensioner* - Silver (includes 2 each items 3a, 4, 5 & 8) for belts 36" - 60" (900-1500mm)	SST2HD-S	77880	61.4
—	HD Spring Tensioner* - Black (includes 2 each items 3b, 4, 5 & 8a) for belts 72" - 84" (1800-2100mm)	SST2HD-B	77881	62.0
—	HD Spring Tensioner* - Gold (includes 2 each items 3c, 4, 5 & 8a) for belts 96" (2400mm)	SST2HD-G	79041	62.6

*Hardware Included

Lead time: 1 working day

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

L1	Adjusting Rod Kit (includes 1 rod, 2 nuts, 1 bushing, 1 washer) for belts 24" - 60" (600-1500mm)	STAK	75847	2.9
L2	HD Adjusting Rod Kit (includes 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 (includes 2 lower bushings, 2 sleeves, 2 nuts)	SST-BUK	76943	0.3

* See note on page page 120 to verify if legacy parts are needed.

Secondary Air Tensioner 2 Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
10	SAT2 w/PAT Control Box	SAT2PAT	78735	43.5
11	SAT2 w/o Control Box	SAT2NCB	78703	41.0
12	SAT Air/Water Bag Kit	SATB	76083	5.1
13	SAT 1/8" Hose Barb Kit	SATHB	76084	0.1
14	SAT2 Mounting Base Kit	SAT2MK	78704	11.6
15	ST Slide Guide Kit	STGK2	77867	1.1
16	SAT2 Torsion Pole Mount (incl. threaded rods & 6 nuts)	SAT2PM	78732	11.1
17	PAT Control Box 100psi	PACB100	79656	11.0

Lead time: 1 working day

Spring Tensioner Selection Chart

CLEANER SIZE	77879 SST2HD-W	77880 SST2HD-S	77881 SST2HD-B	79041 SST2HD-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

U.S. Patent No. D482,508S

Product Ordering Information

Motorized Brush Cleaner

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

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



Motorized Brush Cleaner

Motorized Brush Cleaner with 575V 3-Phase Motor

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

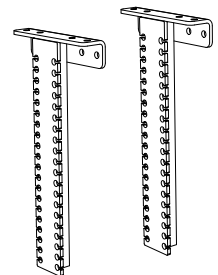
Replacement Brushes

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

Optional Mounting Brackets (Pair)

ORDERING NUMBER	ITEM CODE	WT. LBS.
MBCDBK	79536	28.9



Product Notes:

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

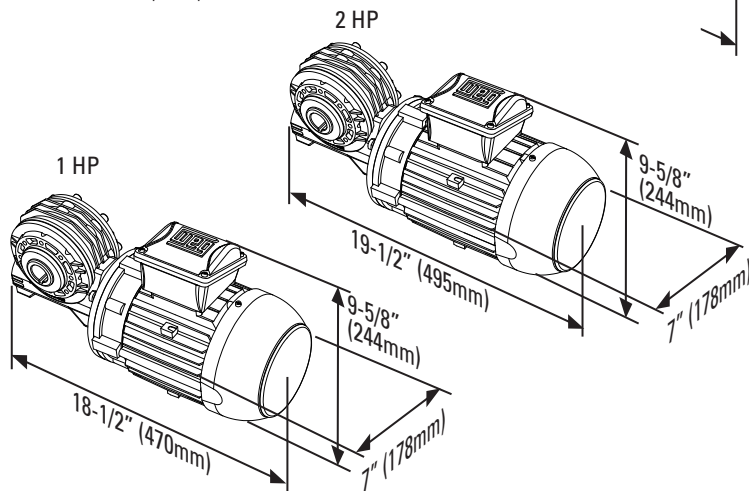
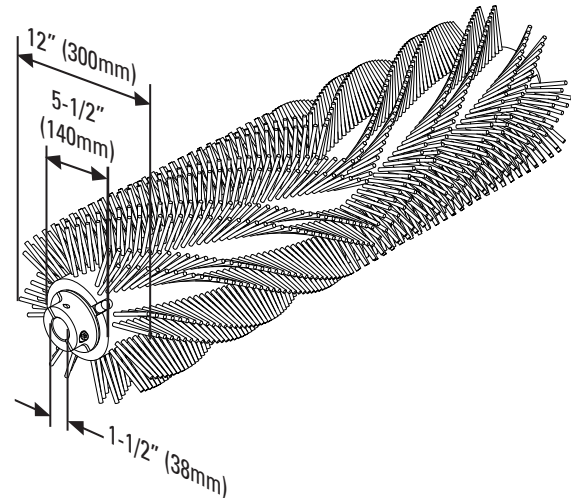
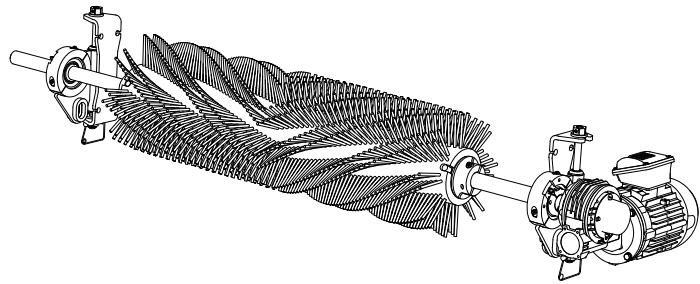
Specifications & Guidelines

Motorized Brush Cleaner

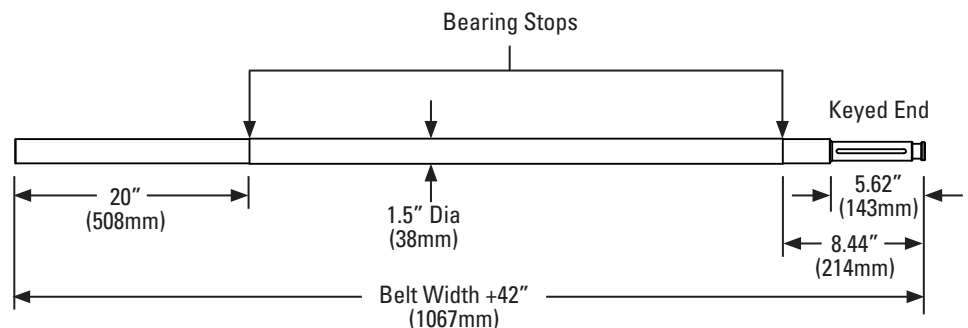
Specifications

Belt Speed	Up to 700 fpm (3.5M/sec)
Vertical and Horizontal Clearance	12" (305mm)
Temperature Range	-20°F to 180°F (-30°C to 82°C)
Maximum Chevron or Cleat Height	1/2" (13mm)
Bristle Length	3-1/4" (83mm)
Overall Diameter	12" (305mm)
Shaft Length	Belt Width plus 42" (1067mm)
Shaft Diameter	1-1/2" (38mm)
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))
CEMA Cleaner Rating	Class 4

*Other motors available upon request



Shaft Measurements

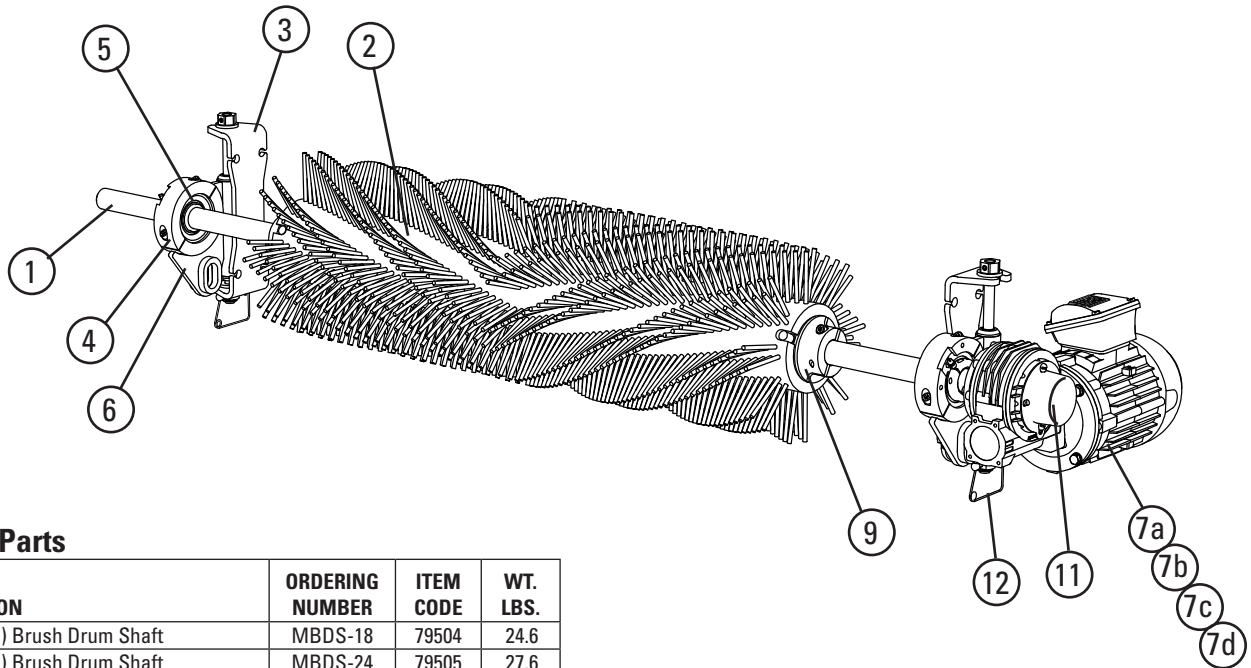


Product Notes:

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

Replacement Parts

Motorized Brush Cleaner

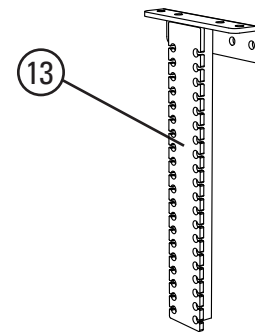
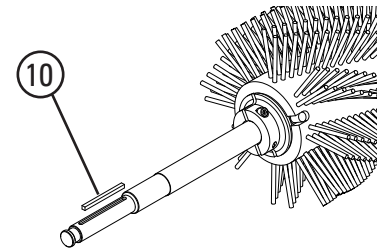
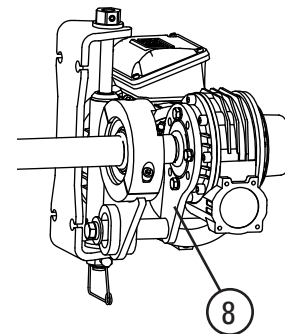


Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. 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
2	84" (2100mm) Brush Drum Shaft	MBDS-84	79513	57.5
	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
3	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 for belts up to 42" (1050mm)	MBCM-1	79529	55.0
7b	Gearmotor Assy, 2 HP for belts 48" (1200mm) and up	MBCM-2	79530	65.0
7c	Gearmotor Assy, 1 HP 575V for belts up to 36" (900mm)	MBCM-575-1	79924	55.0
7d	Gearmotor Assy, 2 HP 575V for belts 42" (1050mm) and up	MBCM-575-2	79925	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)	MBCMCK	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. bearing and 1 ea. items 3,4,6,&12)	MBADB	79527	18.1

*Hardware Included

Lead time: 1 working day



Product Ordering Information

**Chevron
Belt Cleaner**

Chevron Belt Cleaner

BELT WIDTH		DRUM WIDTH		ORDERING NUMBER	ITEM CODE	WT. 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

Shaded items are made to order.

Lead time: 3 working days

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
4	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

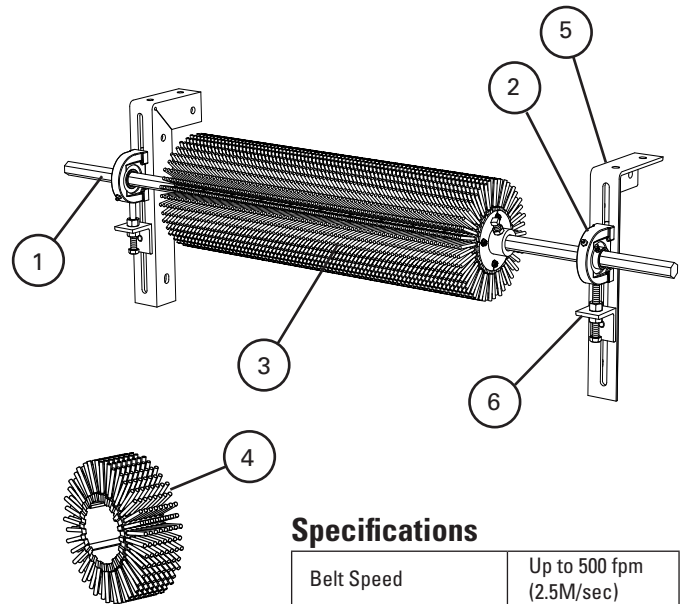
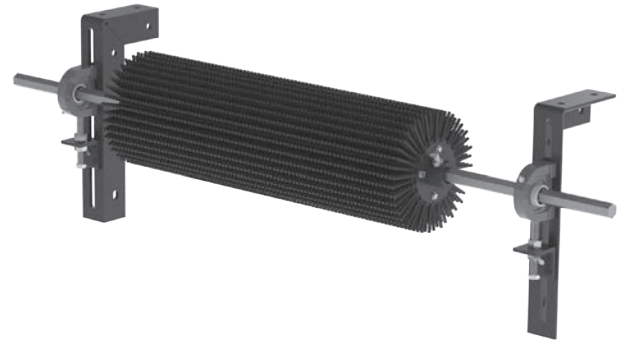
Lead time: 1 working day

Shaded items are made to order.

Lead time: 3 working days

Product Notes:

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



Specifications

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

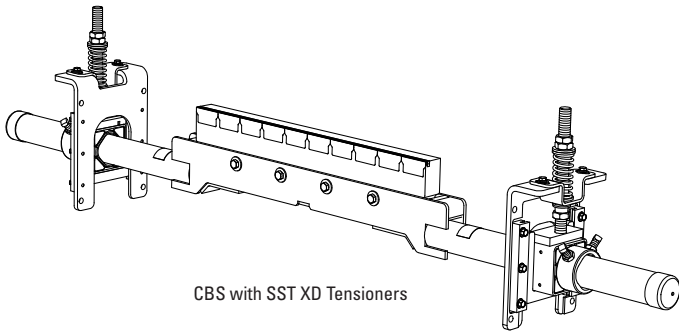
Product Ordering Information

Continuous Blade Secondary Cleaner

Continuous Blade Secondary Cleaners with SST XD Tensioners

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	CBS18SF	79936	154.0
24	600	CBS24SF	79937	168.0
30	750	CBS30SF	79938	182.0
36	900	CBS36SF	79939	196.0
42	1050	CBS42SF	79940	210.0
48	1200	CBS48SF	79941	224.0
54	1350	CBS54SF	79942	238.0
60	1500	CBS60SF	79943	252.0
72	1800	CBS72SF	79944	280.0
84	2100	CBS84SF	79945	308.0
96	2400	CBS96SF	79946	336.0

Lead time: 1 day; shaded items 2 weeks



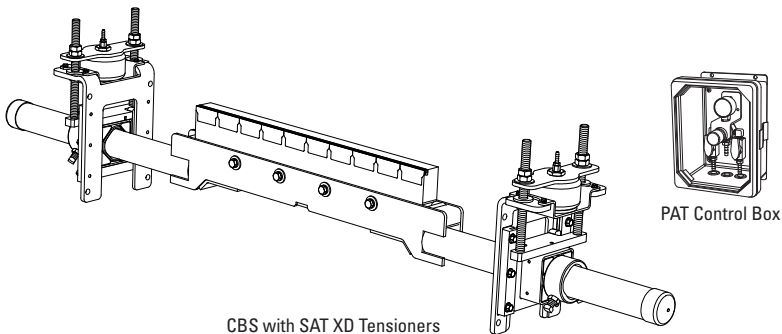
CBS with SST XD Tensioners

Continuous Blade Secondary Cleaners with SAT XD Tensioners

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	CBS18PF	79958	135.5
24	600	CBS24PF	79959	149.5
30	750	CBS30PF	79960	163.5
36	900	CBS36PF	79961	177.5
42	1050	CBS42PF	79962	191.5
48	1200	CBS48PF	79963	205.5
54	1350	CBS54PF	79964	219.5
60	1500	CBS60PF	79965	233.5
72	1800	CBS72PF	79966	261.5
84	2100	CBS84PF	79967	289.5
96	2400	CBS96PF	79968	317.5

*Includes control box

Lead time: 1 day; shaded items 2 weeks

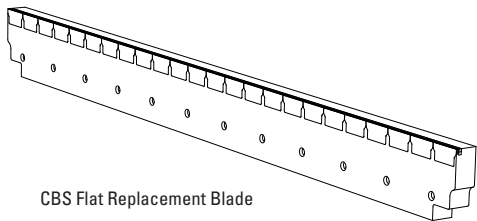


CBS with SAT XD Tensioners

Replacement Blades for Continuous Blade Secondary Cleaners

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	CBSBLD18F	79947	16.0
24	600	CBSBLD24F	79948	22.0
30	750	CBSBLD30F	79949	27.0
36	900	CBSBLD36F	79950	33.0
42	1050	CBSBLD42F	79951	39.0
48	1200	CBSBLD48F	79952	45.0
54	1350	CBSBLD54F	79953	50.0
60	1500	CBSBLD60F	79954	56.0
72	1800	CBSBLD72F	79955	67.0
84	2100	CBSBLD84F	79956	79.0
96	2400	CBSBLD96F	79957	90.0

Lead time: 1 day; shaded items 2 weeks



CBS Flat Replacement Blade

Product Notes:

- Heavy-duty design to deliver maximum cleaning efficiency on the most demanding, abusive beltlines.
- Pole Length: Belt width plus 54" (1350mm). For longer requirements, see Minline Installation Accessories – Pole Extender Kit (ref BCP Price Book).
- To make cleaner installation easier and quicker, see Optional Mounting Kits (ref BCP Price Book).
- It is recommended that mechanical fasteners on the belt be skived.

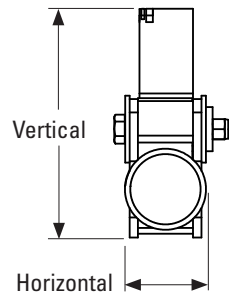
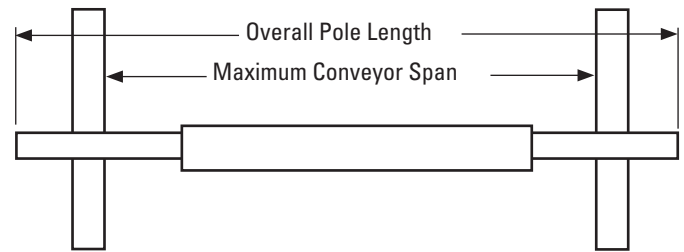
Specifications and Guidelines

Continuous Blade Secondary Cleaner

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" (750mm) of extended pole length. See Page 7.
Pole Diameter - 2-7/8" (73mm)



Clearance Guidelines for Installation

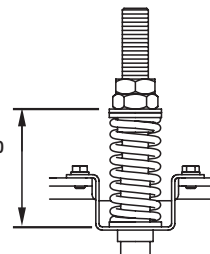
HORIZONTAL CLEARANCE REQUIRED		VERTICAL CLEARANCE REQUIRED	
in.	mm	in.	mm
4-1/2	115	9	229

SST XD Tensioner Spring Length Chart

Blade Width		White Spring		Silver Spring		Black Spring		Gold Spring	
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. Measure spring as shown below.

Top of Washer to Mounting Base



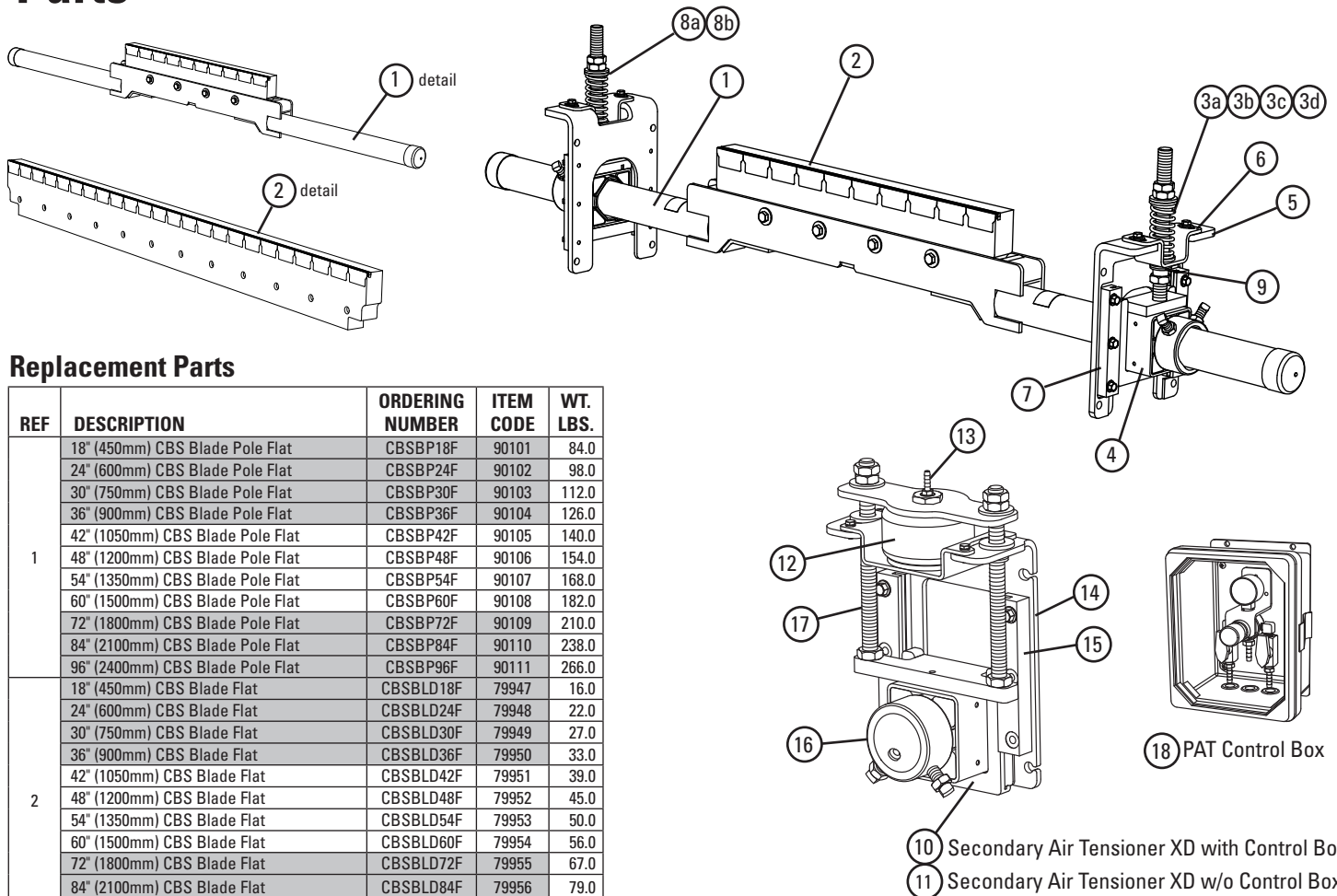
SAT XD Tensioner Pressure Chart

Blade Width		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

- Maximum Belt Speed 800 FPM (4M/sec)
- Temperature Rating -30°F to 180°F (-35°C to 82°C)
- Available for Belt Widths 18" to 96" (450 to 2400mm). Other sizes available upon request.

Replacement Parts

Continuous Blade Secondary Cleaner



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) CBS Blade Pole Flat	CBSBP18F	90101	84.0
	24" (600mm) CBS Blade Pole Flat	CBSBP24F	90102	98.0
	30" (750mm) CBS Blade Pole Flat	CBSBP30F	90103	112.0
	36" (900mm) CBS Blade Pole Flat	CBSBP36F	90104	126.0
	42" (1050mm) CBS Blade Pole Flat	CBSBP42F	90105	140.0
	48" (1200mm) CBS Blade Pole Flat	CBSBP48F	90106	154.0
	54" (1350mm) CBS Blade Pole Flat	CBSBP54F	90107	168.0
	60" (1500mm) CBS Blade Pole Flat	CBSBP60F	90108	182.0
	72" (1800mm) CBS Blade Pole Flat	CBSBP72F	90109	210.0
	84" (2100mm) CBS Blade Pole Flat	CBSBP84F	90110	238.0
2	96" (2400mm) CBS Blade Pole Flat	CBSBP96F	90111	266.0
	18" (450mm) CBS Blade Flat	CBSBLD18F	79947	16.0
	24" (600mm) CBS Blade Flat	CBSBLD24F	79948	22.0
	30" (750mm) CBS Blade Flat	CBSBLD30F	79949	27.0
	36" (900mm) CBS Blade Flat	CBSBLD36F	79950	33.0
	42" (1050mm) CBS Blade Flat	CBSBLD42F	79951	39.0
	48" (1200mm) CBS Blade Flat	CBSBLD48F	79952	45.0
	54" (1350mm) CBS Blade Flat	CBSBLD54F	79953	50.0
	60" (1500mm) CBS Blade Flat	CBSBLD60F	79954	56.0
	72" (1800mm) CBS Blade Flat	CBSBLD72F	79955	67.0
3a	84" (2100mm) CBS Blade Flat	CBSBLD84F	79956	79.0
	96" (2400mm) CBS Blade Flat	CBSBLD96F	79957	90.0
3a	Tension Spring - White (1 ea.) for belts 18" - 30" (450-750mm)	STS-W	75846	0.5
3b	Tension Spring - Silver (1 ea.) for belts 36" - 48" (900-1200mm)	STS-S	75843	0.8
3c	Tension Spring - Black (1 ea.) for belts 54" - 84" (1350-2100mm)	STS-B	75844	1.0
3d	Tension Spring - Gold (1 ea.) for belts 96" (2400mm)	STS-G	78142	1.3
4	HD Torsion Pole Mount* (1 ea.) (includes HD adjusting rod, nuts & sleeve) (See 9 & 9a for bushings)	SSTHDP	77868	15.0
5	SST XD Mounting Base Kit* (includes 1 mounting base, 2 slide guides, top hat bracket & bottom bushing)	SSTXDMK	91412	10.2
6	SST Hat Bracket (pair)	SSTHB	79582	3.0
7	Slide Guide Kit* (incl. 2 slide guides)	STGK2	77867	1.1
8a	SST Bushing Kit - White/Silver (includes 2 bushings)	SSTBK-W	76636	0.1
8b	SST Bushing Kit - Black/Gold (includes 2 bushings)	SSTBK-B	76637	0.1
9	SST Lower Bushing Kit (pair)	SSTLBK	79493	.2
-	SST XD Spring Tensioner* - White (includes 2 each items 3a, 4, 5, & 8a) for belts 18" - 30" (450-750mm)	SSTXD-W	91408	60.6
-	SST XD Spring Tensioner* - Silver (includes 2 each items 3b, 4, 5, & 8a) for belts 36" - 48" (900-1200mm)	SSTXD-S	91409	61.4
-	SST XD Spring Tensioner* - Black (includes 2 each items 3c, 4, 5, & 8b) for belts 54" - 84" (1350-2100mm)	SSTXD-B	91410	62.0
-	SST XD Spring Tensioner* - Gold (includes 2 each items 3d, 4, 5, & 8b) for belts 96" (2400mm)	SSTXD-G	91411	62.6

*Hardware Included

Lead time: 1 day; shaded items 2 weeks

SAT XD (Secondary Air Tensioner XD)

Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
10	SAT XD w/PAT Control Box	SATXDPAT	91413	43.5
11	SAT XD w/o Control Box	SATXDNCB	91414	41.0
12	SAT Air/Water Bag Kit	SATB	76083	5.1
13	SAT 1/8" Hose Barb Kit	SATHB	76084	0.1
14	SAT XD Mounting Base Kit	SAT2MK	91415	11.6
15	ST Slide Guide Kit	STGK2	77867	1.1
16	SAT2 Torsion Pole Mount	SAT2PM	78732	11.1
17	SAT2 Adjusting Rod Kit	SAT2AK	78733	5.0
18	PAT Control Box 100psi	PACB100	79656	11.0

Lead time: 1 working day

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

Retrofit Blade Holders for Richwood 1C Precleaner

Richwood 1C Precleaner Replacement Blade/Holder – Belt Width Minus 6" (150mm)

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

Richwood 1C Precleaner Replacement Blade/Holder – Belt Width Minus 12" (300mm)

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

Richwood 1C Precleaner Replacement Blade/Holder – Belt Width Minus 18" (450mm)

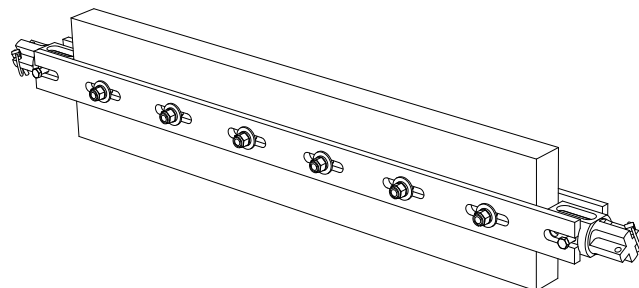
BELT WIDTH		BLADE WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm	in.	mm			
36	900	18	450	RWPREC-1836	91214	45.1
42	1050	24	600	RWPREC-1842	91215	53.3
48	1200	30	750	RWPREC-1848	91216	61.8
54	1350	36	900	RWPREC-1854	91217	70.0
60	1500	42	1050	RWPREC-1860	91218	78.5
72	1800	54	1350	RWPREC-1872	91219	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

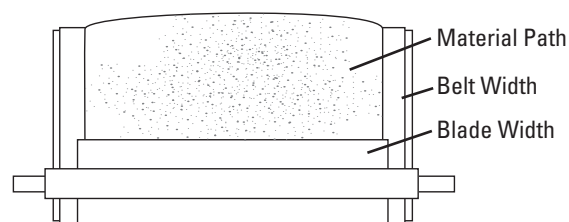
Product Notes:

- 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), minus 12" (300 mm), and minus 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.
- Pole end adjustment allows the blade to be set at a perfect attack angle for the application.
- 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.

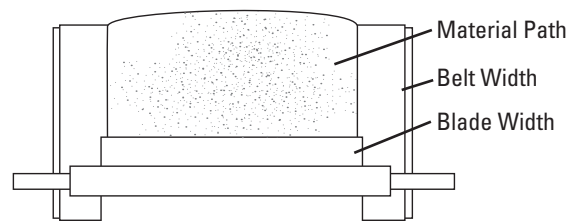


Match blade width to belt's material path

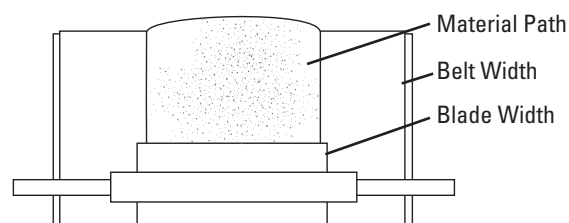
Belt Width Minus 6" (150mm)



Belt Width Minus 12" (300mm)



Belt Width Minus 18" (450mm)



Product Ordering Information

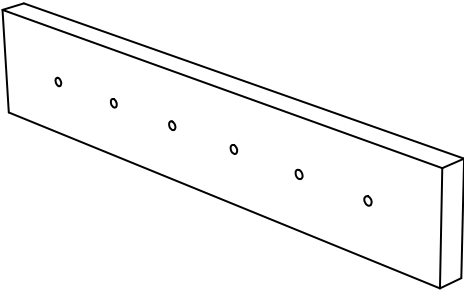
Retrofit Blades for Richwood 1C Precleaner

Replacement Blades for Richwood 1C Precleaner

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

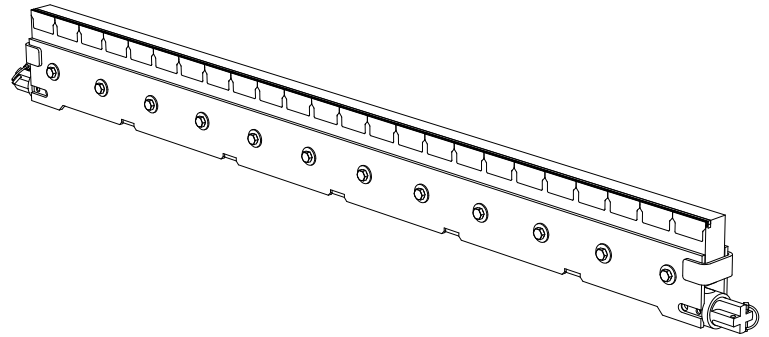
Retrofit Blade Holders for Richwood 1C-ITC Secondary

Replacement Blade/Holder for Richwood 1C-ITC Secondary Blade Type - FLAT

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	RWSECS-18F	91417	42.0
24	600	RWSECS-24F	91418	53.0
30	750	RWSECS-30F	91419	64.0
36	900	RWSECS-36F	91420	76.0
42	1050	RWSECS-42F	91421	86.0
48	1200	RWSECS-48F	91422	97.0
54	1350	RWSECS-54F	91423	108.0
60	1500	RWSECS-60F	91424	120.0
72	1800	RWSECS-72F	91425	141.0
84	2100	RWSECS-84F	91426	163.0
96	2400	RWSECS-96F	91427	185.0

Lead Time: 1 working day

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

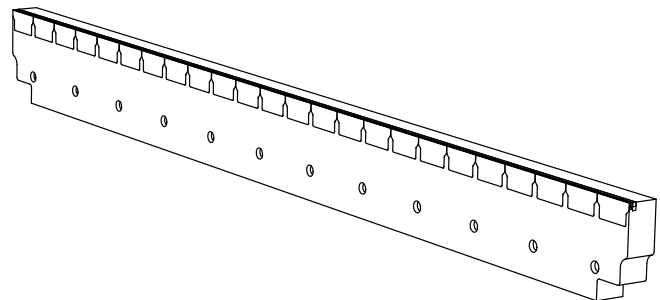


Replacement Blades for Richwood 1C-ITC Secondary Blade Type - FLAT

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
18	450	CBSBLD18F	79947	16.0
24	600	CBSBLD24F	79948	22.0
30	750	CBSBLD30F	79949	27.0
36	900	CBSBLD36F	79950	33.0
42	1050	CBSBLD42F	79951	39.0
48	1200	CBSBLD48F	79952	45.0
54	1350	CBSBLD54F	79953	50.0
60	1500	CBSBLD60F	79954	56.0
72	1800	CBSBLD72F	79955	67.0
84	2100	CBSBLD84F	79956	79.0
96	2400	CBSBLD96F	79957	90.0

Lead Time: 1 working day

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



Product Notes:

- Works with mechanical or vulcanized splices.
- Pole end adjustment allows the blade to be set at a perfect attack angle for the application.
- 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

Installation Accessories

OPTIONAL MOUNTING KITS FOR BELT CLEANERS

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

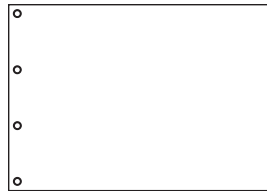


75830

Optional Mounting Bar Kit

(with bolts, nuts and washers)

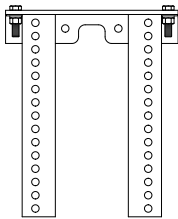
- For mounting precleaners on open head pulleys.
- Weld on both sides of pulley and bolt on steel plates.
- For use with MSP, MMP, MHP, MHCP



76537

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

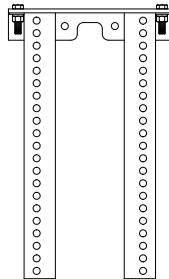
- For use with Mounting Bars to mount cleaners on open head pulleys.
- For use with MSP, MMP, MHP, MHCP



76071

Standard Mounting Bracket Kit

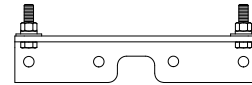
- For MHS/MDWS secondary cleaner installs.



76072

Long Mounting Bracket Kit

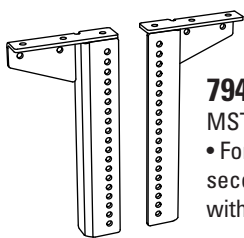
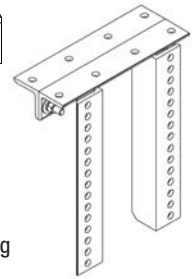
- For installations that require extra length legs.



76073

Optional Top Angle Kit

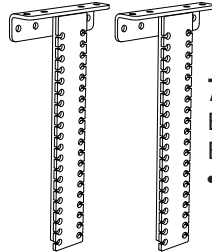
- Used with both standard and long mounting bracket kits for additional mounting options.



79434

MST Drop Bracket Kit

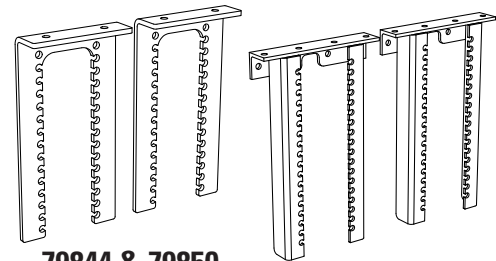
- For installs of secondary cleaners with MST tensioners.



79536

Brush Cleaner Drop Bracket Kit

- For brush cleaner installations that require extra length legs.



79844 & 79850

Y-Type SD & HD Drop Bracket Kits

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

Optional Mounting Kits

(includes 2 brackets/bars)

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. 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
MST Drop Brackets (2)	MSTDB	79434	27.7
Brush Cleaner Drop Brackets (2)	MBCDBK	79536	28.9
Y-Type Standard Duty Drop Brackets (2)	YSTDBK	79844	19.7
Y-Type Heavy Duty Drop Brackets (2)	YTHDBK	79850	32.1

*Hardware Included

Lead time: 1 working day

Pole Extender Kit

(includes 2 pole extenders)

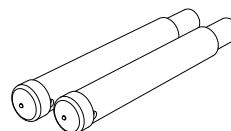
DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
2-7/8" (73mm) Pole Extender Kit	MAPEK	76024	21.9
2-3/8" (60mm) Pole Extender Kit	RAPEK	77423	18.0

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

Lead time: 1 working day

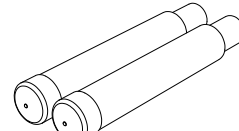
77423

2-3/8" Pole Extender Kit



76024

2-7/8" Pole Extender Kit



Specs and Notes:

- Standard brackets are 13" W x 15-1/2" L (330x394mm).
- Long brackets are 13" W x 21-1/2" L (330x546mm).
- Mounting bars are 1-1/2" W x 16" L (38x400mm) with (4) 5/8-11 tapped holes.
- Mounting plates are 16" W x 32" L (400x800mm) with (4) 5/8" (16mm) holes.

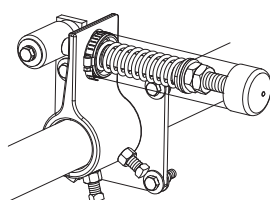
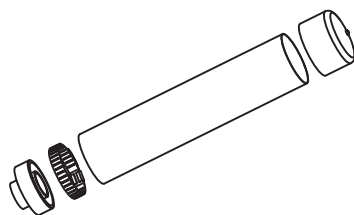
Product Ordering Information

Spring Tensioner Accessories

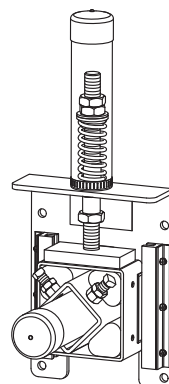
Spring Covers

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

Includes 1 spring cover
Lead time: 1 working day



Spring cover on
Precleaner tensioner



Spring cover on
Secondary cleaner
tensioner

Spring Cover Selection Chart

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

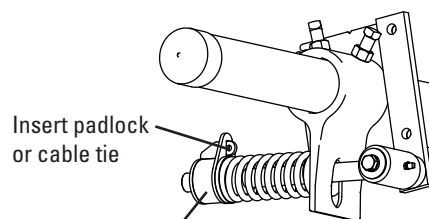
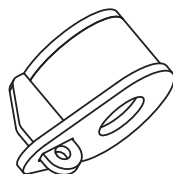
Tensioner Lock*

Designed to prevent tampering or unauthorized retensioning of the cleaner.

ORDERING NUMBER	ITEM CODE	WT. 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



Tensioner Lock
(Precleaner
tensioner shown)

Patent pending

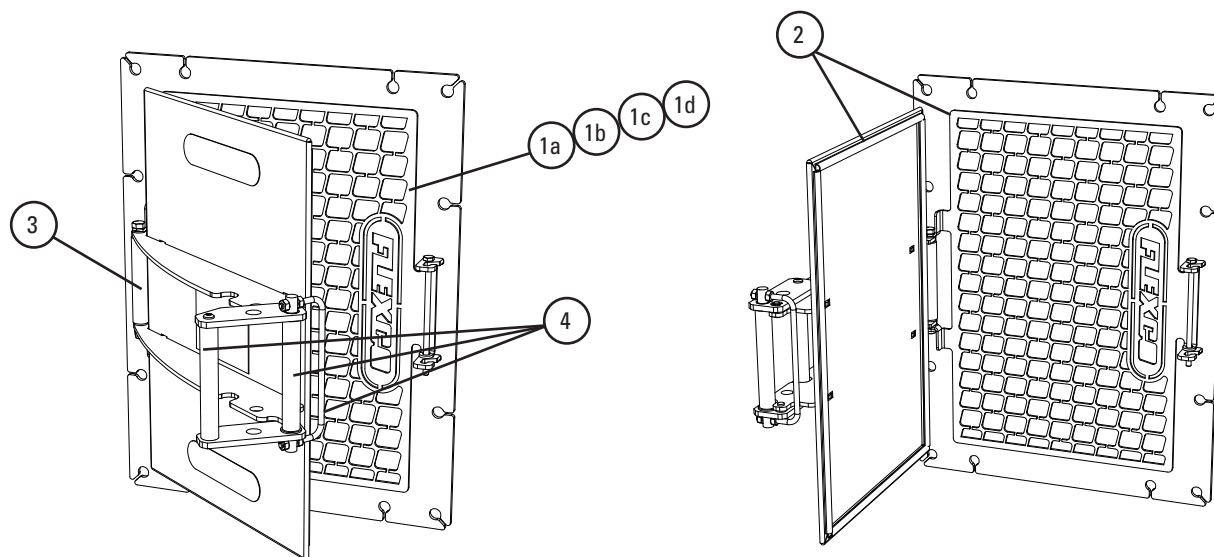
Product Ordering Information

Inspection Door

Inspection Doors

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Inspection Door 12 x 12 (300x300mm)*	INDR-1212	79303	19.2
Inspection Door 12 x 18 (300x450mm)*	INDR-1218	79304	23.5
Inspection Door 18 x 24 (450x600mm)*	INDR-1824	79305	35.2
Inspection Door 24 x 24 (600x600mm)*	INDR-2424	79306	42.8
Inspection Door w/Screen 12 x 12 (300x300mm)*	INDR-1212S	79307	21.2
Inspection Door w/Screen 12 x 18 (300x450mm)*	INDR-1218S	79308	26.0
Inspection Door w/Screen 18 x 24 (450x600mm)*	INDR-1824S	79309	39.7
Inspection Door w/Screen 24 x 24 (600x600mm)*	INDR-2424S	79310	48.3

*Hardware included



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1a	Inspection Door Screen 12 x 12 (300x300mm)*	IDSC-1212	79311	1.9
1b	Inspection Door Screen 12 x 18 (300x450mm)*	IDSC-1218	79312	2.5
1c	Inspection Door Screen 18 x 24 (450x600mm)*	IDSC-1824	79313	4.4
1d	Inspection Door Screen 24 x 24 (600x600mm)*	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

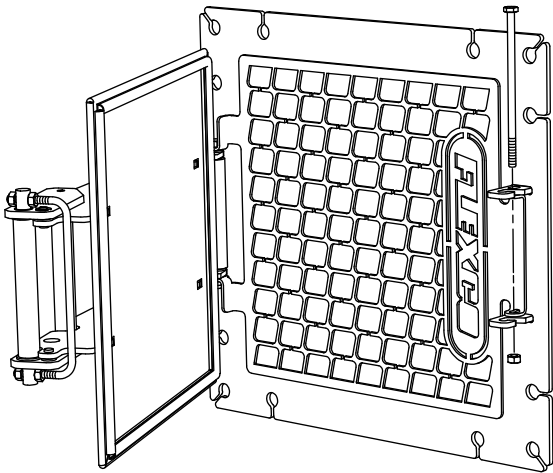
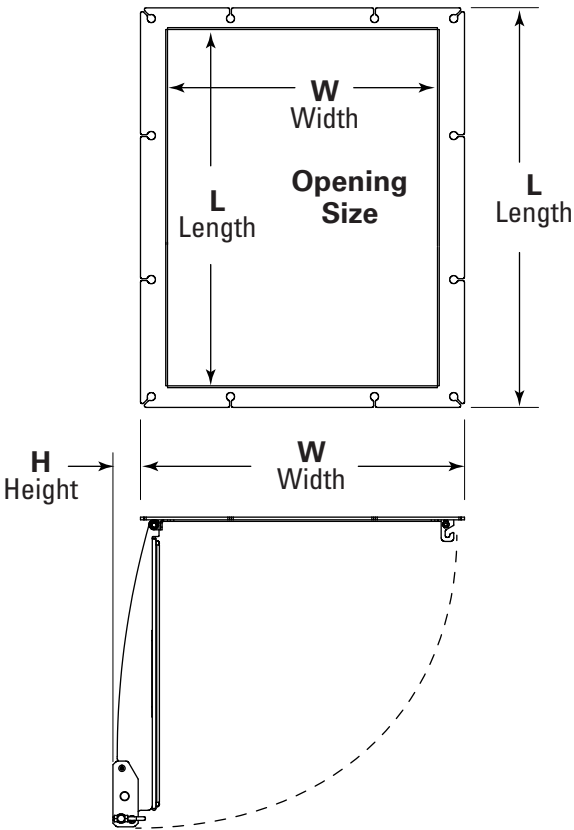
*Hardware included

**One 5' length of seal is needed for 12x12" and 12x18" doors or screens, and two 5' lengths are needed for 18x24" and 24x24" doors or screens. Double if replacing seal on both door and screen.

Specifications & Guidelines

Inspection Door

Inspection Door Specifications					
Door (Opening) Size (Width, Length)		Outer Dimensions (Width, Length)		Height	
in.	mm	in.	mm	in.	mm
12 W x 12 L	300 W x 300 L	16-5/16 W x 15-3/4 L	415 W x 400 L	3-7/16	90
12 W x 18 L	300 W x 450 L	16-5/16 W x 21 3/4 L	415 W x 555 L	3-7/16	90
18 W x 24 L	450 W x 600 L	22-5/16 W x 27 3/4 L	570 W x 705 L	3-7/16	90
24 W x 24 L	600 W x 600 L	28-5/16 W x 27 3/4 L	720 W x 705 L	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°F to 350°F (-55°C to 175°C)

Product Ordering Information

Water Spray Pole Systems Belt Cleaner Accessories

Spray Pole Kits*

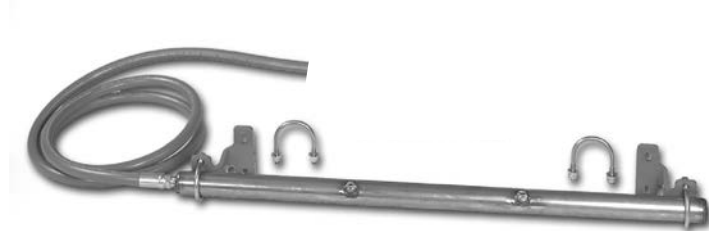
Standard & Heavy-Duty

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

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

Other sizes available upon request.

Lead time: 1 working day



Spray Pole



Spray Pole Control Panel

Replacement Parts

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

Lead time: 1 working day

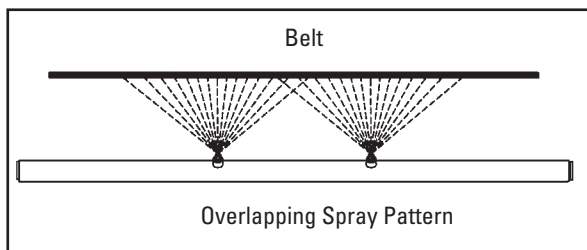
Control Assembly

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

Lead time: 1 working day

Spray Nozzles Per Cleaner Size

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



Specifications

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

Product Ordering Information

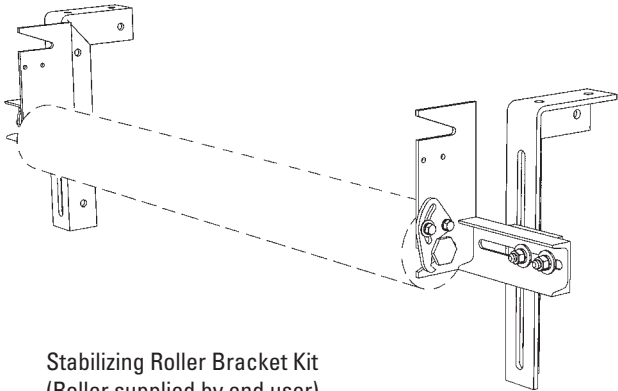
Stabilizing Roller Bracket Kit Belt Cleaner Accessories

Stabilizing Roller Bracket Kit*

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

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. 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 Cleaner Accessories

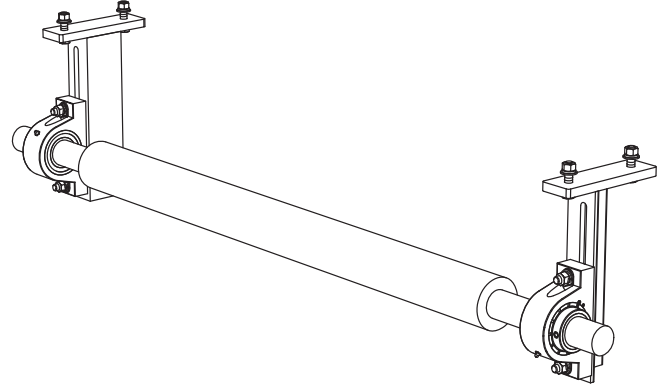
Live-Shaft Hold-Down Roll

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" 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" feature solid roll

Lead time: 1 working day

Roller Bracket Kit*

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS
Hold Down Roll Bracket Kit - 24" to 60"	HDRBK	79009	45.0
HD Hold Down Roll Bracket Kit - 72" to 84"	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" (150mm)
- Overall Shaft Length.....Belt Width +30" (750mm)
- Shaft Diameter24" - 42" (600-1050mm) - 1-15/16" diameter
48" - 60" (1200-1500mm) - 2-7/16" diameter
72" - 84" (1800-2100mm) - 2-15/16" diameter
- Shaft Construction.....24" - 60" (600-1500mm) - 1045 CD
72" - 84" (1800-2100mm) - turned from solid 4140 round stock

Product Notes:

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

Product Ordering Information

Optional Installation Tools

Tip Tension Scale

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

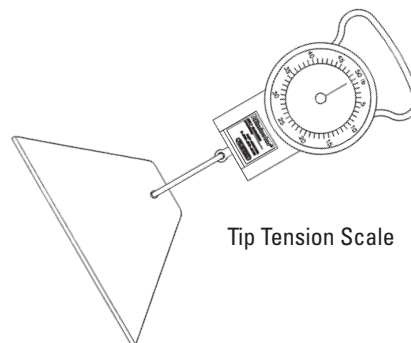
DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
H Tip Tension Scale	HTTS	74141	0.1

Lead time: 1 working day

Spring Tension Chart

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

For installation and for retensioning blades during maintenance.



Tip Tension Scale

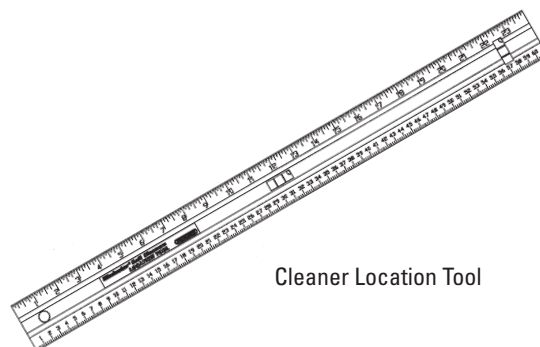
Cleaner Location Tool

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

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

Length - 24" (600mm)

Lead time: 1 working day



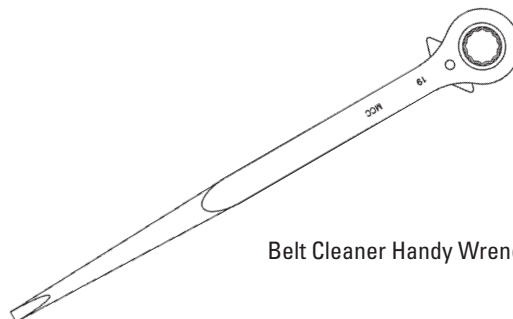
Cleaner Location Tool

Belt Cleaner Handy Wrench

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

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

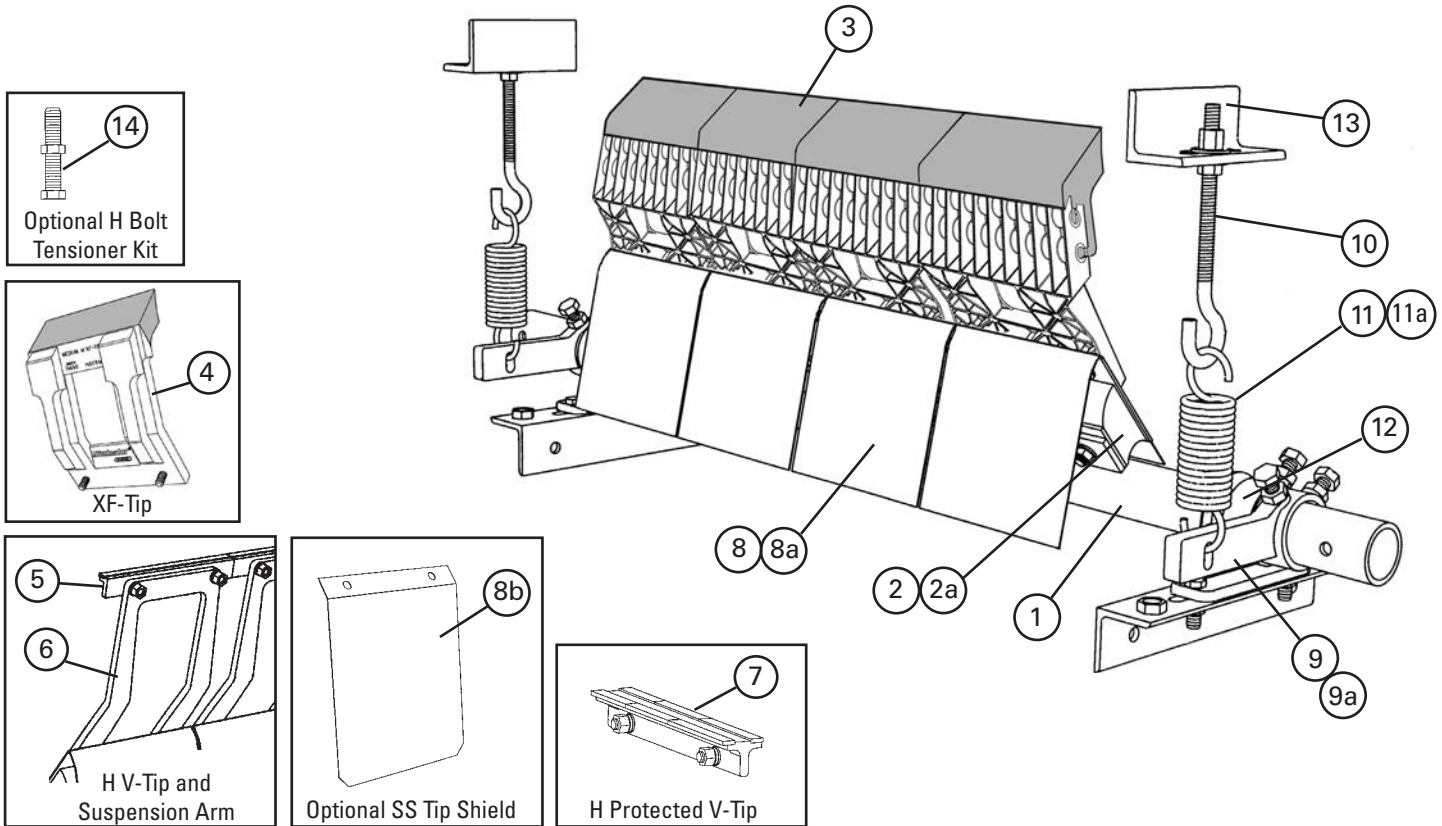
Lead time: 1 working day



Belt Cleaner Handy Wrench

Product Ordering Information

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



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	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

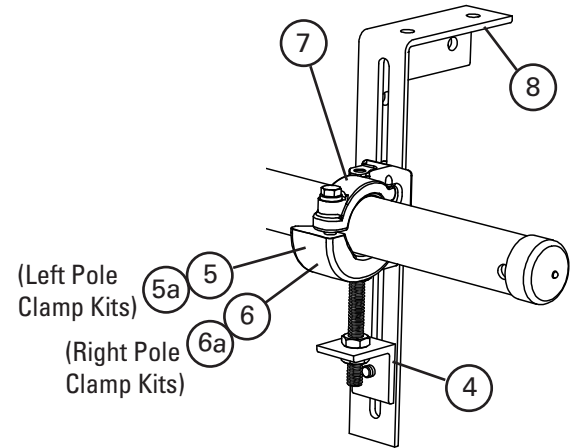
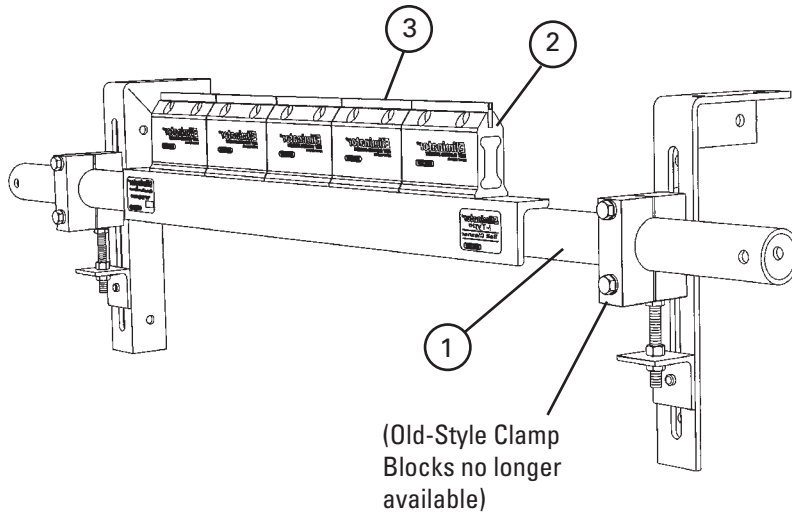
*Hardware included
Pole Diameter - 2-3/8" (60mm)
Lead time: 1 working day

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

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* (includes 1 adjusting arm)	HAR-K	78786	6.0
9a	H HD Adjusting Arm Repair Kit* (includes 1 adjusting arm)	HDARK	74550	8.0
10	J-Bolt Kit* (includes 1 ea.)	STJK	74417	0.7
11	Tension Spring (includes 1 ea.) for 18" (450mm)	STTS	74419	1.4
11a	HD Tension Spring (includes 1 ea.) for sizes 24" to 72" (600-1800mm)	HDTTS	74502	2.0
12	Pole Lock (includes 1 ea.)	EZP1PL	75641	1.1
13	Spring Tensioner J-Bolt Mount (incl. 1 ea.)	STJM	74775	3.0
-	H Mounting/J-Bolt Kit - Single (incl. 1 ea. items 9,10,11,12,13 and 2 ea. bracket/bearing)	H-MK1	78987	20.0
-	H Mounting/J-Bolt Kit - Dual (incl. 2 ea. items 9,10,11,12,13 and bracket/bearing)	H-MK2	78801	24.4
-	Spring Tension Kit - Single (incl. 1 ea. items 10,11, & 13 and 2 ea. item 12)	STKS	74505	6.8
-	Spring Tension Kit - Dual (includes 2 ea. items 10,11,12 & 13)	STKD	74504	11.2
-	Spring Tension Kit HS - Single (incl. 1 ea. items 10,11a, & 13 and 2 ea. item 12)	STKHSS	74313	8.0
-	Spring Tension Kit HS - Dual (includes 2 ea. items 10,11a,12 & 13)	STKHSD	74316	16.0
14	H Bolt Tensioner Kit (includes 2 adjusting bolts & 2 jam nuts)	HBTk	74776	0.5

Product Ordering Information

I-Type™ Legacy Belt Cleaner Parts



New Style Clamp Block

I-Type™ Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	18" (450mm) Pole	EZS2P18	75652	25.0
	24" (600mm) Pole	EZS2P24	75653	28.0
	30" (750mm) Pole	EZS2P30	75654	30.0
	36" (900mm) Pole	EZS2P36	75655	34.0
	42" (1050mm) Pole	EZS2P42	75656	36.0
	48" (1200mm) Pole	EZS2P48	75657	39.0
	54" (1350mm) Pole	EZS2P54	75658	42.0
	60" (1500mm) Pole	EZS2P60	75659	77.0
	72" (1800mm) Pole	EZS2P72	75660	89.0
2	I Standard Cushion*	ISC	74534	2.1
3	I C-Tip* (for mechanically spliced and vulcanized belts)	ICT6	74535	0.7
4	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* for sizes 18"-54" (450-1350mm) (incl. 1 ea. Items 5, 6, & 8, 2 ea. Items 4 & 7)	CCMK	78919	33.0
—	HD Cradle Clamp Mounting Kit* for sizes 60"-72" (1500-1800mm) (incl. 1 ea. Items 5a, 6a, & 8, 2 ea. Items 4 & 7a)	CCMKHD	78920	36.7

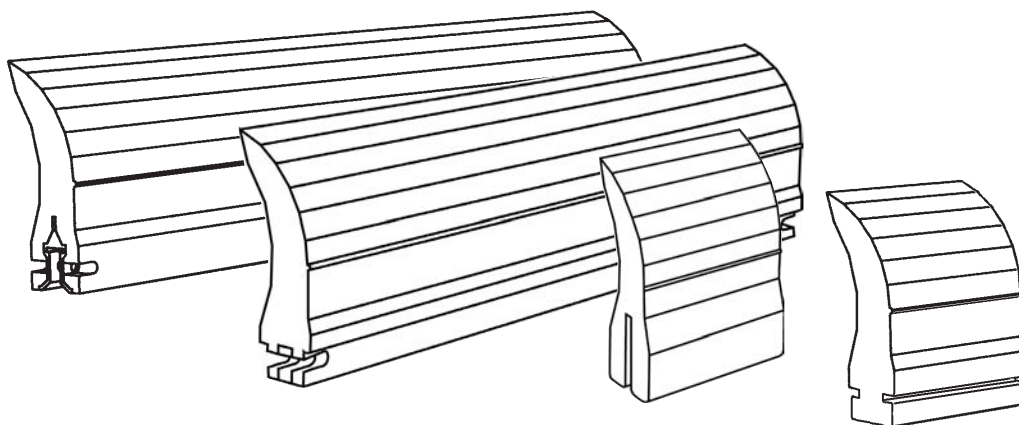
*Hardware included.

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

Lead time: 1 working day

Part Number Cross-Reference Guide

ConShear™ Replacement Blades for OEM Belt Cleaners



ConShear™ Blade Technology

The patented 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 151 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 151 for proper blade installation and tensioning instructions.

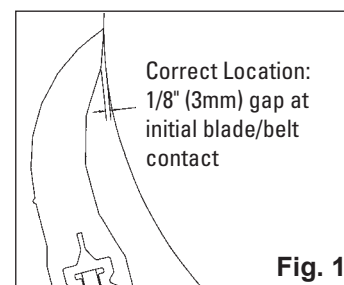
Installation and Tensioning Tips

ConShear™ Replacement Blades for OEM Belt Cleaners

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

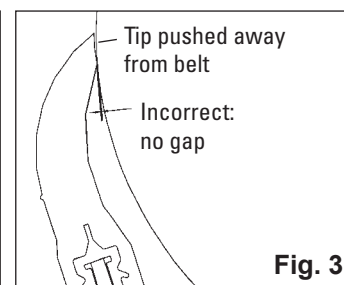
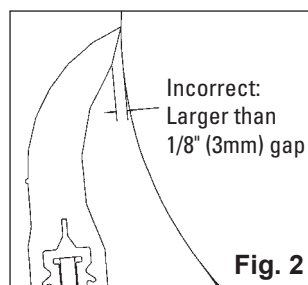
Correct Location:

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



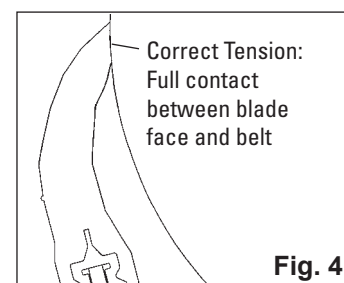
Possible Problems:

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



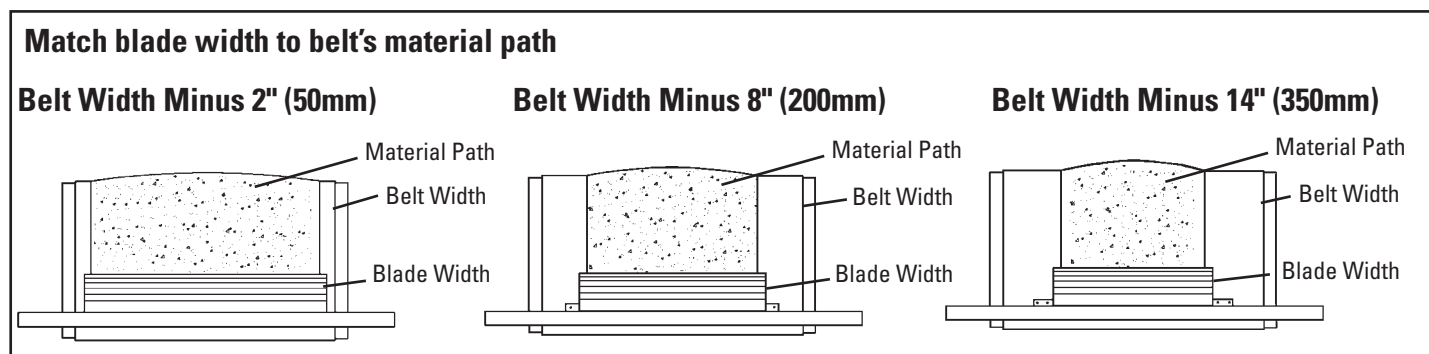
Correct Tensioning:

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



The "Material Path" Option

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



Part Number Cross-Reference Guide

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

Ordering Information

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

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

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

Lead time: 1 working day

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

Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
EZP1BP	75642	0.1

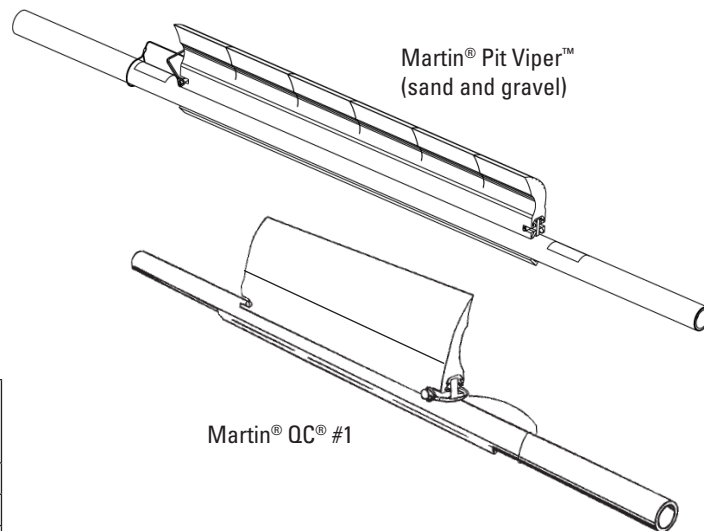
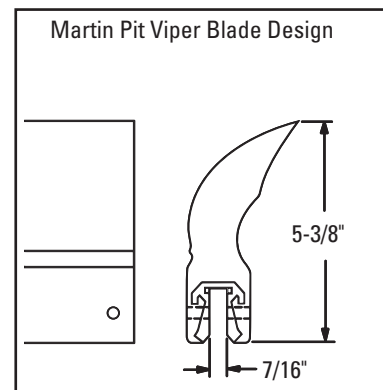
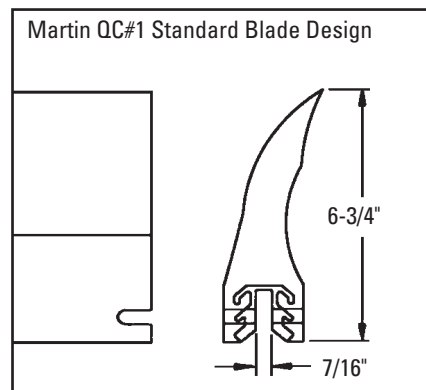
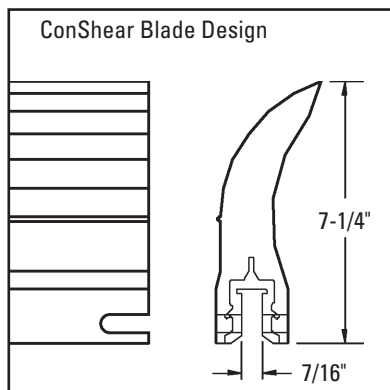
Lead time: 1 working day

Specifications

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

Usable Blade Volume Comparison

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



U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.

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

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

Part Number Cross-Reference Guide

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

Ordering Information

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

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

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

Lead time: 1 working day

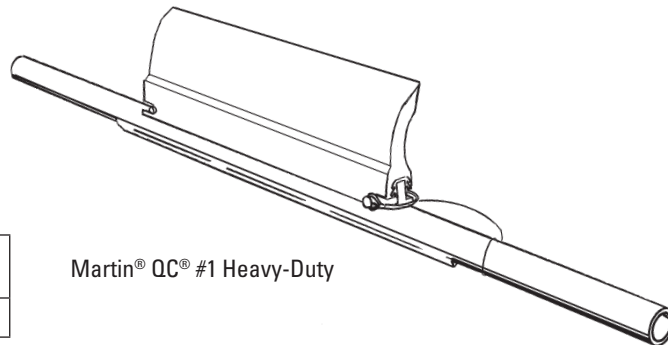
Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
RB38BP	79481	0.2

Lead time: 1 working day

Specifications

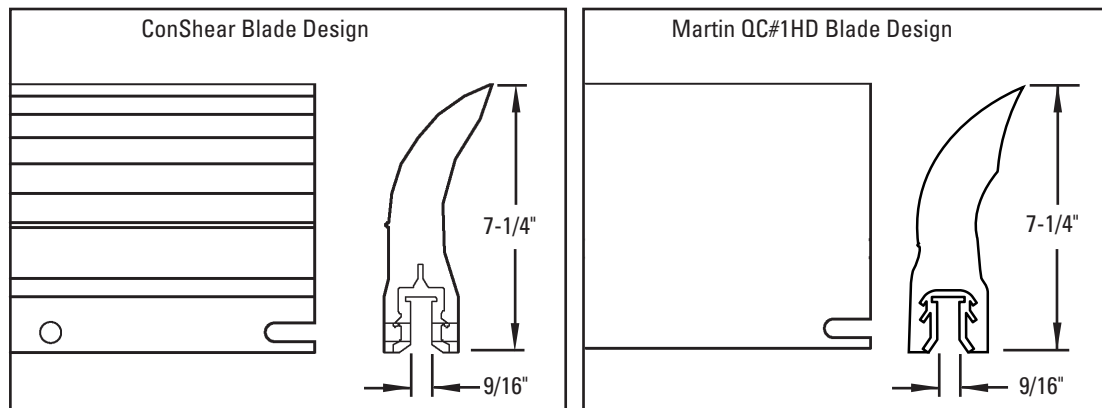
SLOT WIDTH	POLE PLATE THICKNESS	CONSHEAR BLADE HEIGHT	QC#1HD BLADE HEIGHT
9/16"	1/2"	7-1/4"	7-1/4"



Martin® QC® #1 Heavy-Duty

Usable Blade Volume Comparison

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



U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.

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

Part Number Cross-Reference Guide

Cross-Reference for Replacement of Martin® QB® #1 Blades

Ordering Information

BELT WIDTH	ACTUAL BLADE LENGTH	MARTIN® PART NUMBER	ORDERING NUMBER	CONSHEAR™ ITEM CODE	WT. LBS.
18"	16"	39344-1811160R	RBQB1-16/400	90935	7.3
24"	18"	39344-2411180R	RBQB1-18/450	90936	8.2
	22"	39344-2411220R	RBQB1-22/550	90937	10.1
30"	24"	39344-3011240R	RBQB1-24/600	90938	11.0
	28"	39344-3011280R	RBQB1-28/700	90939	12.8
36"	30"	39344-3611300R	RBQB1-30/750	90940	13.7
	34"	39344-3611340R	RBQB1-34/850	90941	15.5
42"	36"	39344-4211360R	RBQB1-36/900	90942	16.5
	40"	39344-4211400R	RBQB1-40/1000	90943	18.3
48"	42"	39344-4811420R	RBQB1-42/1050	90944	19.2
	46"	39344-4811460R	RBQB1-46/1150	90945	21.0
54"	48"	39344-5411480R	RBQB1-48/1200	90946	21.9
	52"	39344-5411520R	RBQB1-52/1300	90947	23.8
60"	54"	39344-6011540R	RBQB1-54/1350	90948	24.7
	58"	39344-6011580R	RBQB1-58/1450	90949	26.5
66"	60"	39344-6611600R	RBQB1-60/1500	90950	27.4
72"	64"	39344-7211640R	RBQB1-64/1600	90951	29.2
	70"	39344-7211700R	RBQB1-70/1750	90952	32.0
78"	72"	39344-7811720R	RBQB1-72/1800	90953	32.9

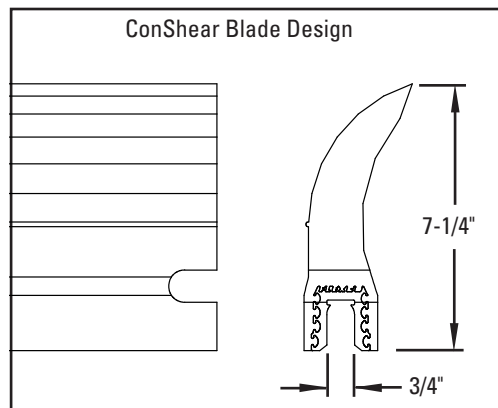
Lead time: 1 working day

Specifications

SLOT WIDTH	CONSHEAR BLADE HEIGHT	QB#1 BLADE HEIGHT
3/4"	7-1/4"	6-1/2"

Usable Blade Volume Comparison

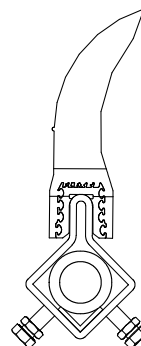
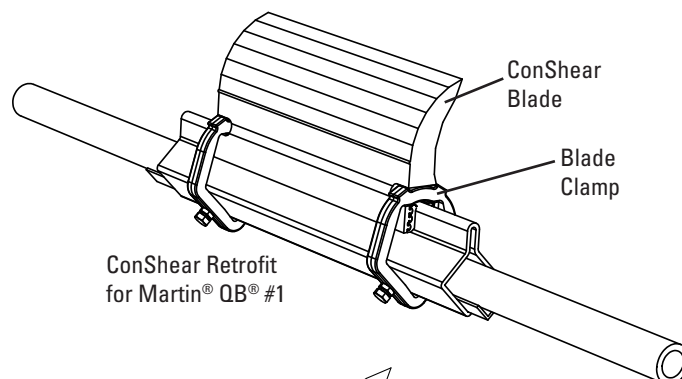
BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Martin® QB™ #1	28"	5.75 in ²	161.0 in ³
ConShear™	28"	5.50 in ²	154.0 in ³



Replacement Blade Clamp

ORDERING NUMBER	ITEM CODE	WT. LBS.
QB1PCK	90954	4.8

Lead time: 1 working day



U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.

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

Part Number Cross-Reference Guide

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

Ordering Information

BELT WIDTH		BLADE WIDTH		MARTIN QC 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 inches less than belt width.

Lead time: 1 working day

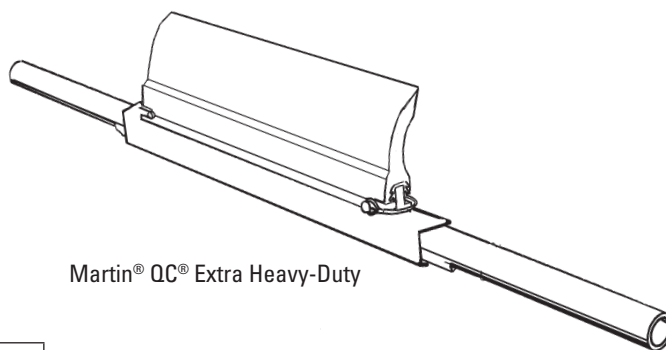
Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
MMPBPK	76466	0.8

Lead time: 1 working day

Specifications

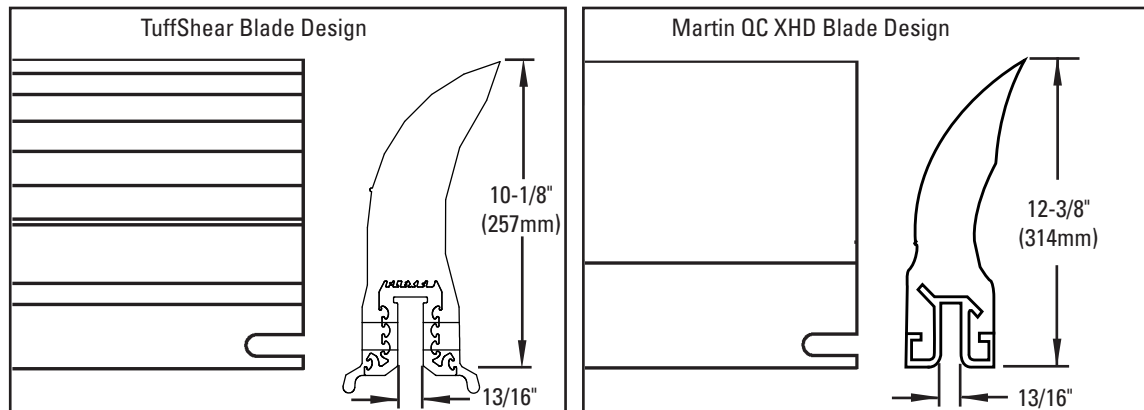
SLOT WIDTH	POLE PLATE THICKNESS	TUFFSHEAR BLADE HEIGHT	QC XHD BLADE HEIGHT
13/16"	3/4"	10-1/8" (257mm)	12-3/8" (314mm)



Martin® QC® Extra Heavy-Duty

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Martin® QC™ XHD	30"	17.01 in ²	510.3 in ³
TuffShear™	30"	12.08 in ²	362.7 in ³



U.S. Patent No. D482,508S

TuffShear™ is a trademark of Flexible Steel Lacing Company.

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

Part Number Cross-Reference Guide

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

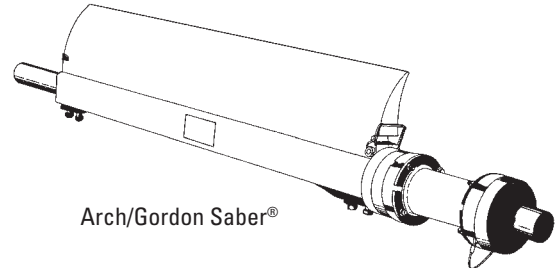
Ordering Information

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



Arch/Gordon Saber®

Replacement Blade Pin

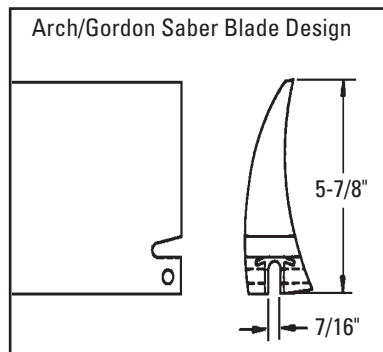
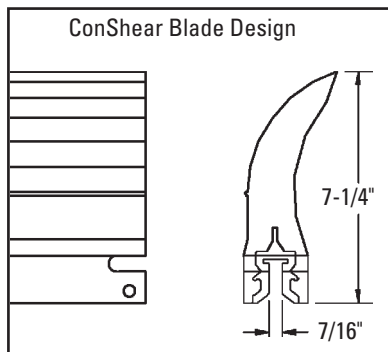
ORDERING NUMBER	ITEM CODE	WT. LBS.
EZP1BP	75642	0.1

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 sizes are available upon request. Call for pricing.



Specifications

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

Usable Blade Volume Comparison

BLADE TYPE	BLADE LENGTH	Usable BLADE AREA (cross-section)	Usable BLADE VOLUME
Arch/Gordon Saber®	28"	3.06 in²	85.7 in³
ConShear™	28"	5.50 in²	154.0 in³

U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.

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

Part Number Cross-Reference Guide

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

Ordering Information

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

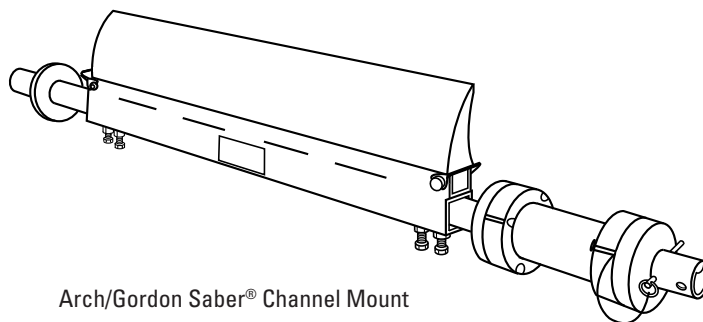
Additional blade sizes are available upon request. Call for pricing.

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

Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
EZP1BP	75642	0.1

Lead time: 1 working day



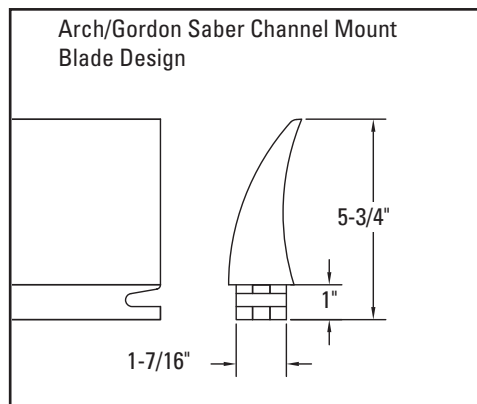
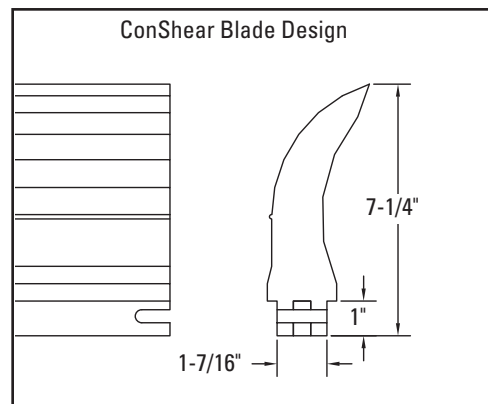
Arch/Gordon Saber® Channel Mount

Specifications

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

Usable Blade Volume Comparison

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



U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.

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

Part Number Cross-Reference Guide

Cross-Reference for Replacement of Superior Exterra® Blades

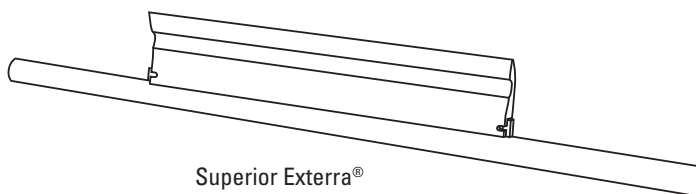
Ordering Information

BELT WIDTH	ACTUAL BLADE LENGTH	SUPERIOR EXTERRA® PART NUMBER	ORDERING NUMBER	CONSHEAR™ ITEM CODE	WT. LBS.
12"	10"	07-00540	RBSE-10	79861	4.6
18"	16"	07-00541	RBSE-16	79862	7.3
24"	22"	07-00542	RBSE-22	79863	10.1
30"	28"	07-00543	RBSE-28	79864	12.8
36"	34"	07-00544	RBSE-34	79865	15.5
42"	40"	07-00545	RBSE-40	79866	18.3
48"	46"	07-00546	RBSE-46	79867	21.0
54"	52"	07-00547	RBSE-52	79868	23.8
60"	58"	07-00549	RBSE-58	79869	26.5
66"	64"	07-00548	RBSE-64	79870	29.3
72"	70"	07-00550	RBSE-70	79871	32.0

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

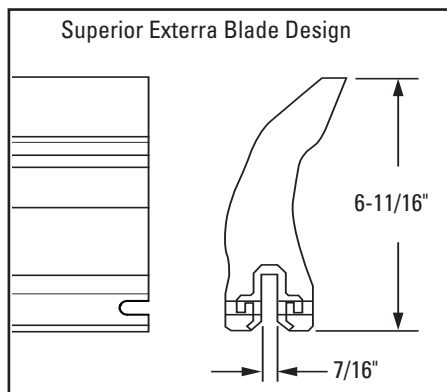
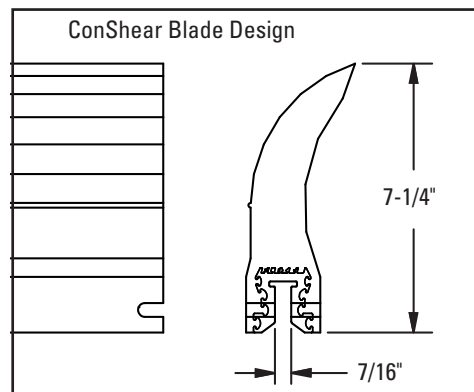
NOTE: Blade coverage is 2 inches less than belt width.

Lead time: 3 working days



Specifications

SLOT WIDTH	POLE PLATE THICKNESS	CONSHEAR BLADE HEIGHT	EXTERRA BLADE HEIGHT
7/16"	3/8"	7-1/4"	6-11/16"



U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.

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

Part Number Cross-Reference Guide

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

Ordering Information

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

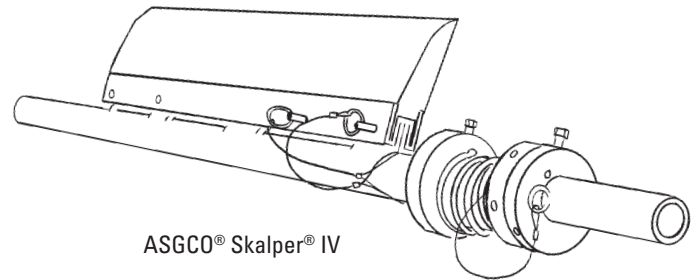
Lead time: 1 working day

Specifications

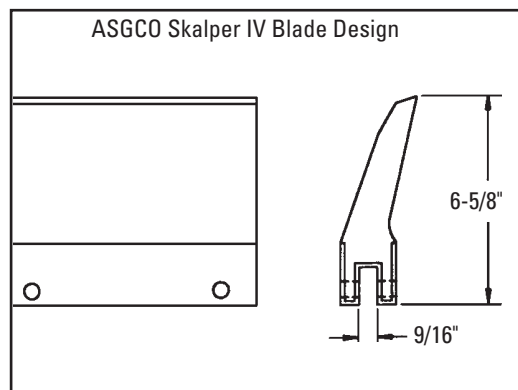
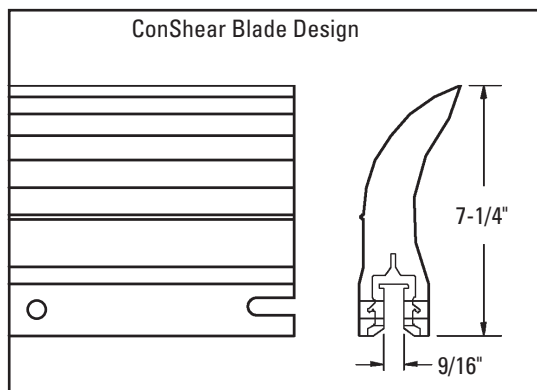
SLOT WIDTH	POLE PLATE THICKNESS	CONShear BLADE HEIGHT	SKALPER BLADE HEIGHT
9/16"	1/2"	7-1/4"	6-5/8"

Usable Blade Volume Comparison

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



ASGCO® Skalper® IV



U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.

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

Part Number Cross-Reference Guide

Cross-Reference for Replacement of Argonics™ Raptor™ Blades

Ordering Information

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

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

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

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

Lead time: 1 working day

Replacement Blade Pin

ORDERING NUMBER	ITEM CODE	WT. LBS.
RB38BP	79481	0.2

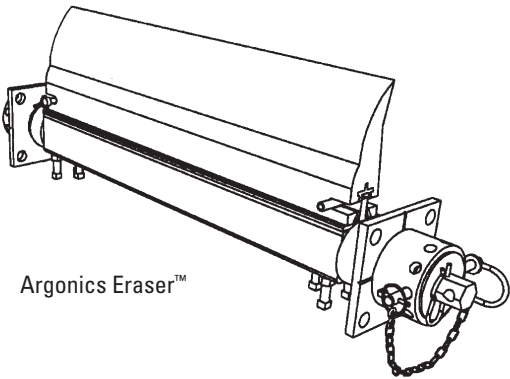
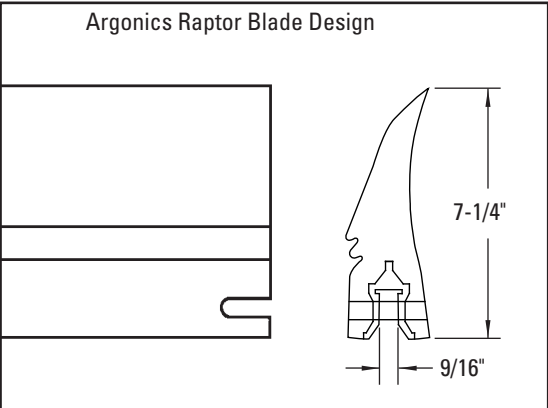
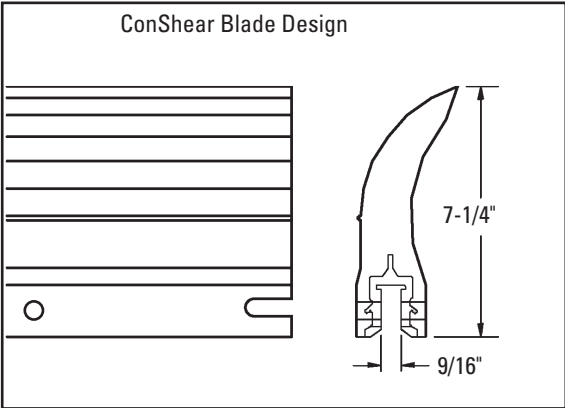
Lead time: 1 working day

Specifications

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

Usable Blade Volume Comparison

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



Argonics Eraser™

U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.

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

Part Number Cross-Reference Guide

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

Ordering Information

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

Blades fit into cartridge that mounts on the pole.

Lead time: 1 working day

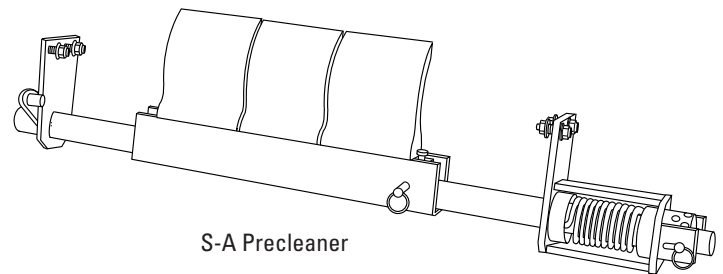
Cleaner Blades Required Per Belt Width

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

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

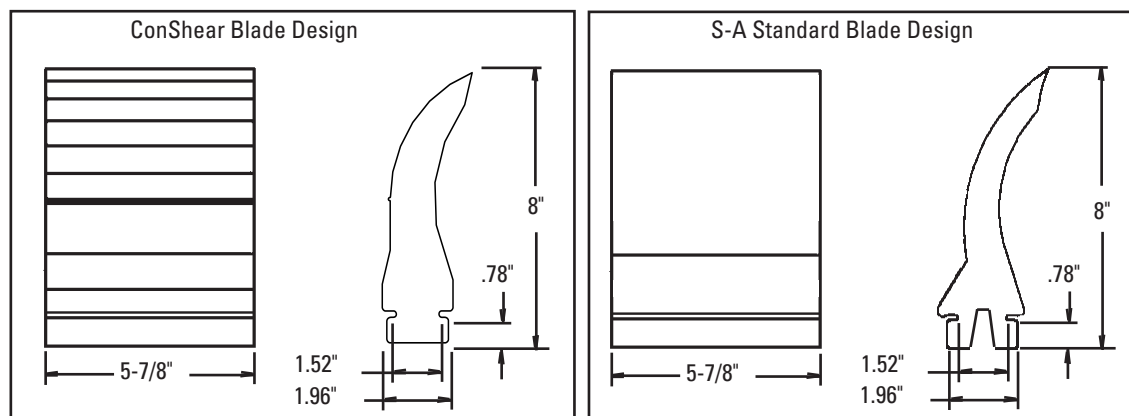
Specifications

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



Usable Blade Volume Comparison

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



U.S. Patent No. D482,508S

ConShear™ is a trademark of Flexible Steel Lacing Company.

Part Number Cross-Reference Guide

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

Ordering Information

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

Lead time: 1 working day

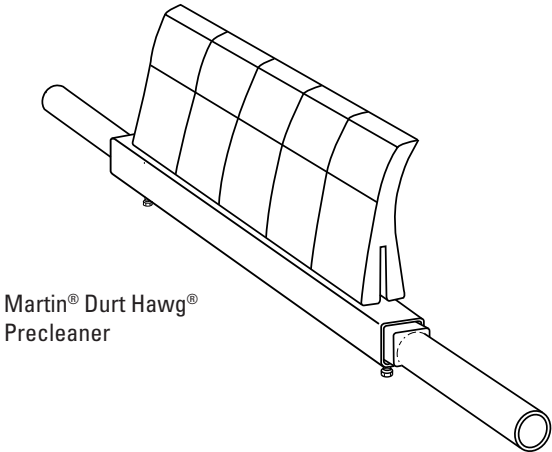
Cleaner Blades Required Per Belt Width

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

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

Specifications

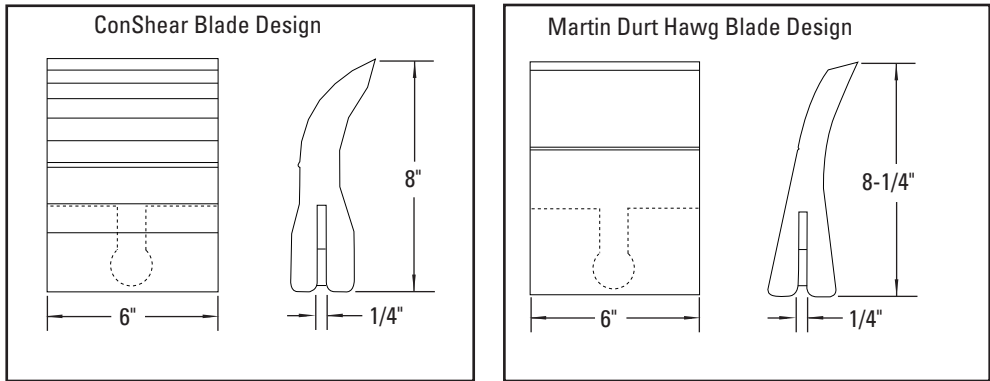
SLOT WIDTH	CONSHEAR BLADE HEIGHT	DURT HAWG BLADE HEIGHT
1/4"	8"	8 1/4"



Martin® Durt Hawg® Precleaner

Usable Blade Volume Comparison

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



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

Part Number Cross-Reference Guide

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

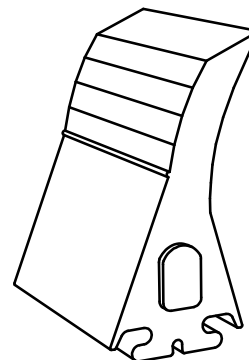
Ordering Information

BLADE WIDTH	ORDERING NUMBER	ITEM CODE	WT. LBS.
6" (152mm)	RBDT-6C	90614	3.2

Lead time: 1 working day

Specifications

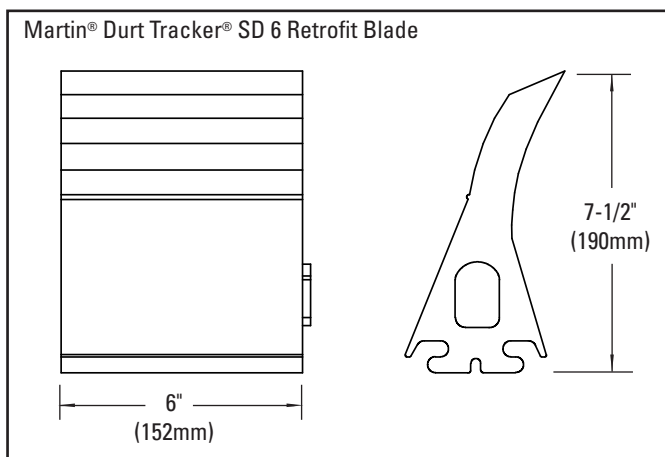
BLADE TYPE	BLADE WIDTH	BLADE HEIGHT
SD 6	6" (152mm)	7 1/2" (190mm)



Martin® Durt Tracker®
Replacement Blade

Usable Blade Volume

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

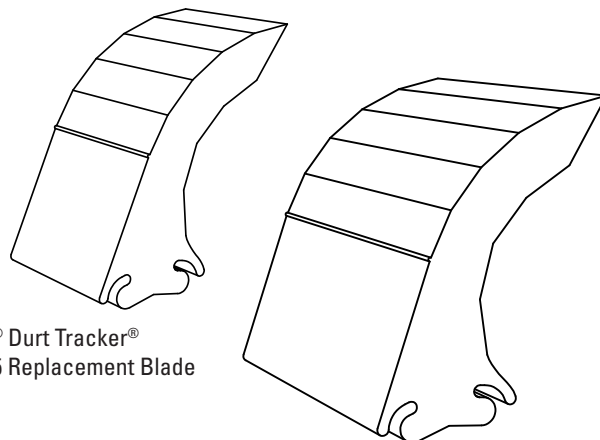
Ordering Information

BLADE WIDTH	ORDERING NUMBER	ITEM CODE	WT. LBS.
6.5" (165mm)	RBDTXHD-6.5C	77517	6.5
13" (330mm)	RBDTXHD-13C	90615	13.1

Lead time: 1 working day

Specifications

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

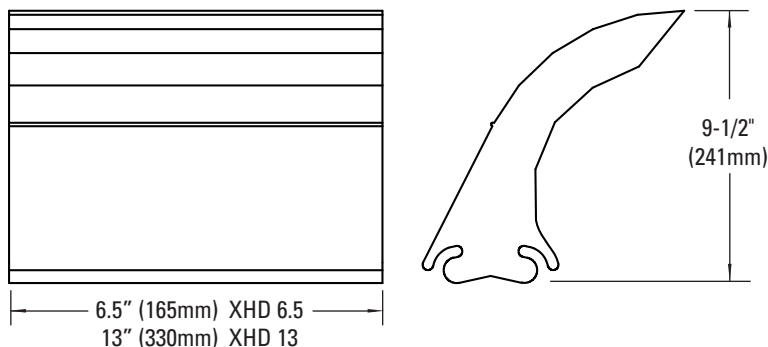


Martin® Durt Tracker®
XHD 13 Replacement Blade

Usable Blade Volume

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

Martin® Durt Tracker® XHD Retrofit Blade



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

Product Ordering Information

V-Plow

V-Plow*

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

*Use next larger size for belt widths between ranges.

Lead time: 1 working day



Replacement Blade Kits**

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

**Kit includes blades and replacement blade bolts.

Lead time: 1 working day



Optional Polyurethane Blade Kits**

Typically provides 3 to 5 times longer wear life.

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

**Kit includes blades and replacement blade bolts.

Lead time: 1 working day

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

Product Notes:

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

Product Ordering Information

Diagonal Plow

Diagonal Plows*

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

*Use next larger size for belt widths between ranges.

Lead time: 1 working day



Replacement Blade Kits**

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

**Kit includes blade and replacement blade bolts.

Lead time: 1 working day



Product Notes:

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

Specifications & Guidelines

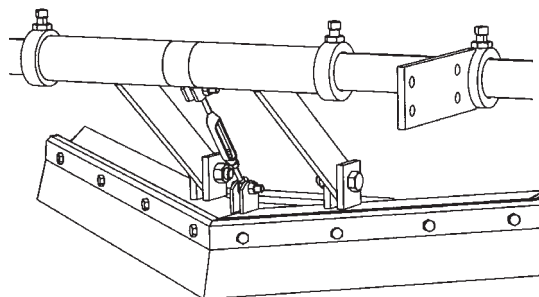
V-Plow & Diagonal Plow

V-Plow

Belt Width Specifications

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

Use next larger size for belt widths between ranges.

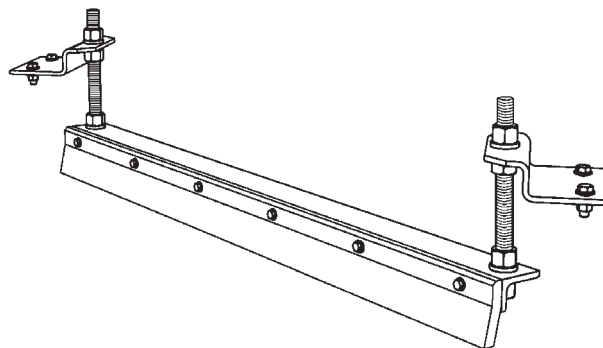


Diagonal Plow

Belt Width Specifications

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

Use next larger size for belt widths between ranges.

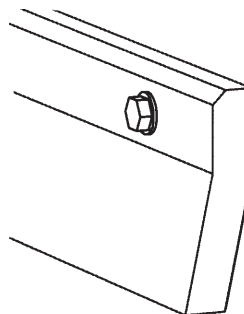


Application Guidelines

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

V-Plow & Diagonal Plow Blade Specifications

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



Replacement Parts Lists

V-Plow & Diagonal Plow

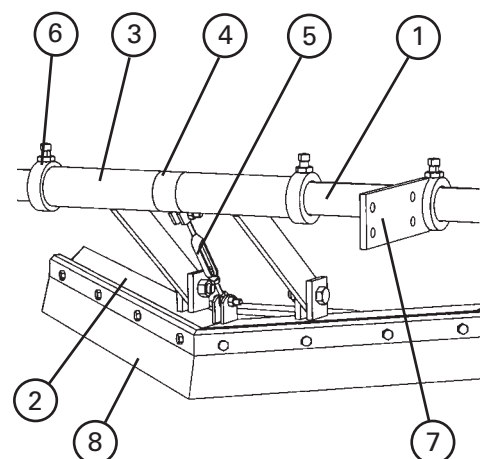
Replacement Parts - V-Plow

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

*Hardware included

**Kit includes blades and replacement blade bolts.

Lead time: 1 working day



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

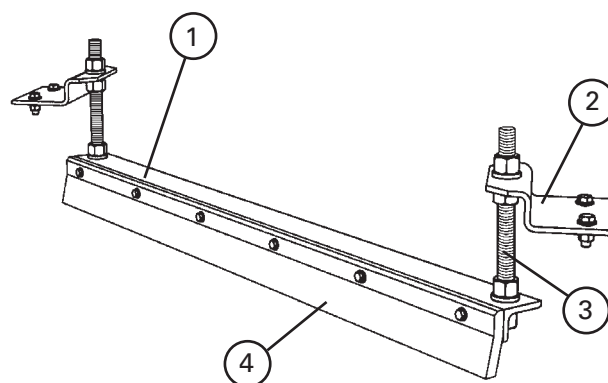
Replacement Parts - Diagonal Plow

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

*Hardware included

**Kit includes blades and replacement blade bolts.

Lead time: 1 working day



Specifications & Guidelines

Flexco Slider/Impact Beds

Easy Solution for Load Zone Problems

- Complete load zone offering with slider beds through impact beds for up to 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" (225mm), 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

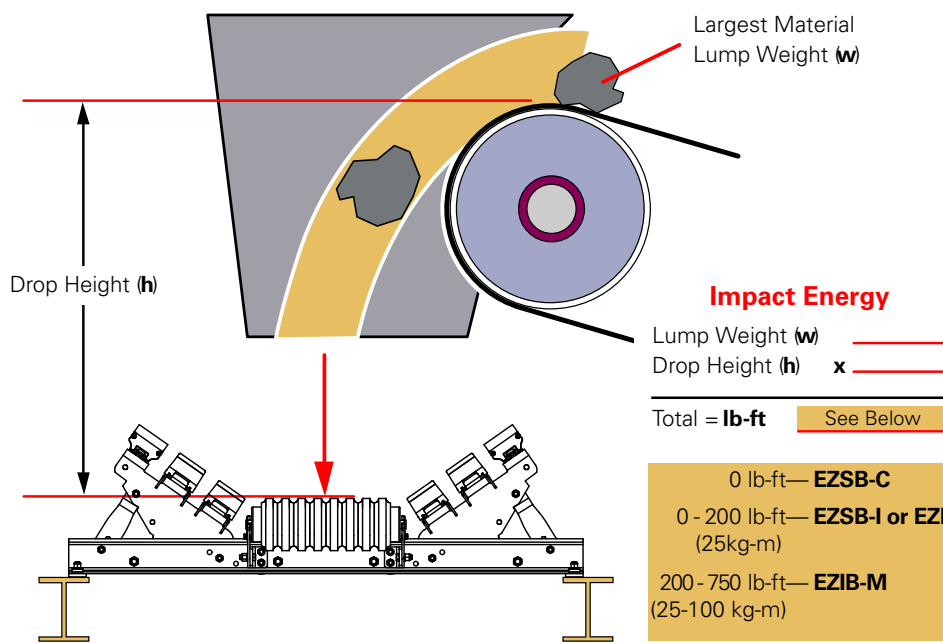
5" (125mm) ☐ 6" (150mm) ☐

CEMA C ☐ D ☐ E ☐

Belt Width: _____

Bed Length: 4' (1.2M) ☐ 5' (1.5M) ☐

Impact Energy Calculation Chart





Flexco Slider Bed

(for non-impact areas)

BELT WIDTH		TONNAGE RATING (ton/hr)	4' (1.2M) LENGTH			5' (1.5M) LENGTH		
in.	mm		ORDERING NUMBER	ITEM CODE	WT. LBS	ORDERING NUMBER	ITEM CODE	WT. LBS
24	600	—	EZSB24-4C	78855	244.1	EZSB24-5C	78863	261.1
30	750	—	EZSB30-4C	78856	263.2	EZSB30-5C	78864	279.7
36	900	—	EZSB36-4C	78857	289.0	EZSB36-5C	78865	305.5
42	1050	—	EZSB42-4C	78858	358.8	EZSB42-5C	78866	382.9
48	1200	—	EZSB48-4C	78859	385.7	EZSB48-5C	78867	410.4
54	1350	—	EZSB54-4C	78860	455.1	EZSB54-5C	78868	488.0
60	1500	—	EZSB60-4C	78861	478.7	EZSB60-5C	78869	511.6
72	1800	—	EZSB72-4C	78862	513.0	EZSB72-5C	78870	545.9

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" (25mm) UHMW providing longer wear life and consistent load zone sealing.
- Product ships with two rollers. Additional rollers can be added by purchasing an EZRMK and the appropriate corresponding roller.

Adjustable Idler Set

(for non-impact areas)

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

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS
in.	mm			
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

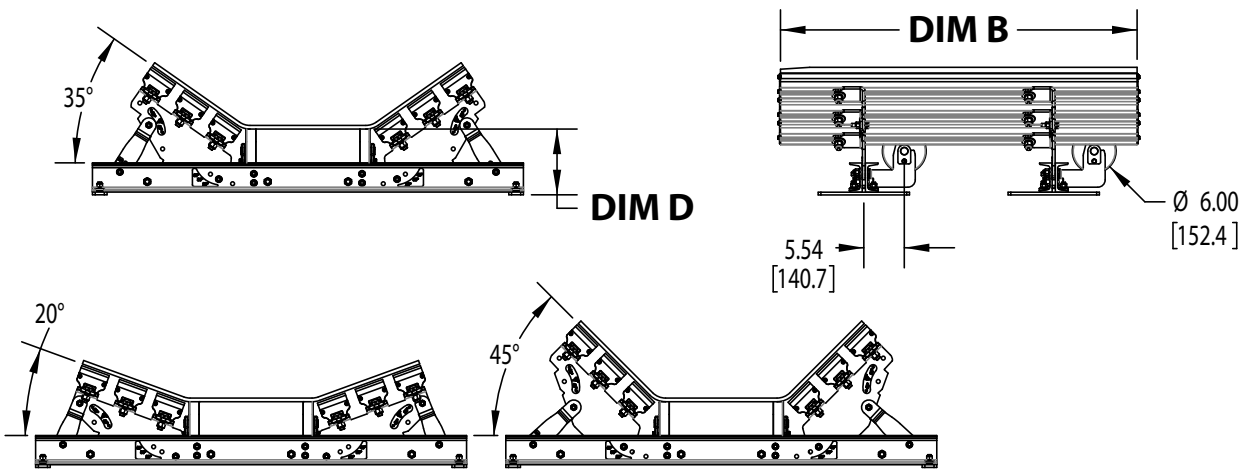
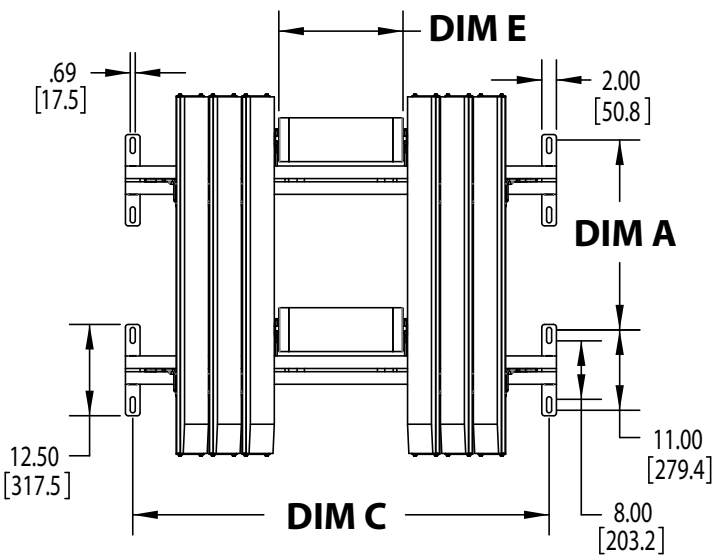
Lead time: 1 working day



U.S. Patent pending

Specifications and Guidelines

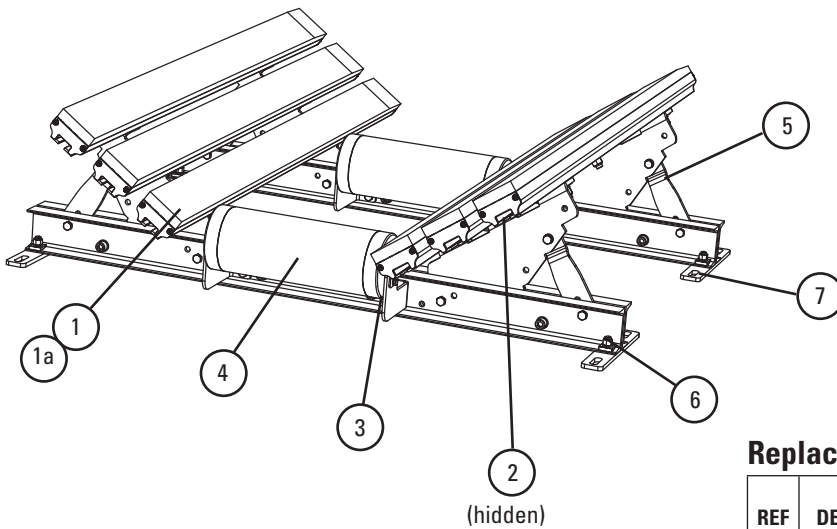
EZSB-C Flexco Slider Beds



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

EZSB-C Flexco Slider Beds



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 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	Roller 24" (600mm)	N6D3T-24-9-A45	26107	9.1
	Roller 30" (750mm)	N6D3T-30-11-A45	26108	10.6
	Roller 36" (900mm)	N6D3T-36-13-A45	26109	12.3
	Roller 42" (1050mm)	N6D3T-42-15-A45	26110	13.9
	Roller 48" (1200mm)	N6D3T-48-17-A45	26111	16.1
	Roller 54" (1350mm)	N6D3T-54-19-A45	26112	17.0
	Roller 60" (1500mm)	N6D3T-60-21-A45	26113	18.1
	Roller 72" (1800mm)	N6D3T-72-25-A45	26114	21.6
5	Wing Plate Kit 24" (600mm) *	EZWPK-24	78970	16.9
	Wing Plate Kit 30" (750mm) *	EZWPK-30	78971	17.4
	Wing Plate Kit 36" (900mm) *	EZWPK-36	78972	21.2
	Wing Plate Kit 42" (1050mm) *	EZWPK-42	78973	26.2
	Wing Plate Kit 48" (1200mm) *	EZWPK-48	78974	30.1
	Wing Plate Kit 54" (1350mm) *	EZWPK-54	78975	35.6
	Wing Plate Kit 60" (1500mm) *	EZWPK-60	78976	39.0
	Wing Plate Kit 72" (1800mm) *	EZWPK-72	78977	46.7
6	Cross Stringer Kit 24" (600mm) *	EZCSK-24	78978	49.2
	Cross Stringer Kit 30" (750mm) *	EZCSK-30	78979	56.5
	Cross Stringer Kit 36" (900mm) *	EZCSK-36	78980	63.8
	Cross Stringer Kit 42" (1050mm) *	EZCSK-42	78981	70.8
	Cross Stringer Kit 48" (1200mm) *	EZCSK-48	78982	78.5
	Cross Stringer Kit 54" (1350mm) *	EZCSK-54	78983	85.8
	Cross Stringer Kit 60" (1500mm) *	EZCSK-60	78984	93.1
	Cross Stringer Kit 72" (1800mm) *	EZCSK-72	78985	99.1
7	Shim Kit Light Duty (incl. 4 shims)	SHIM-KITL	77548	13.6

*Hardware Included

Lead time: 1 working day

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

U.S. Patent pending

Product Ordering Information

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



Flexco Slider Bed with Impact Rolls

(for impact zones with less than 200 lb-ft energy)

BELT WIDTH		TONNAGE RATING (ton/hr)	4' (1.2M) LENGTH			5' (1.5M) LENGTH*		
in.	mm		ORDERING NUMBER	ITEM CODE	WT. LBS	ORDERING NUMBER	ITEM CODE	WT. LBS
24	600	3500	EZSB24-4I	78871	277.0	EZSB24-5I	78879	294.1
30	750	3500	EZSB30-4I	78872	300.0	EZSB30-5I	78880	317.1
36	900	4100	EZSB36-4I	78873	330.1	EZSB36-5I	78881	347.2
42	1050	4500	EZSB42-4I	78874	407.1	EZSB42-5I	78882	433.0
48	1200	4500	EZSB48-4I	78875	437.0	EZSB48-5I	78883	463.0
54	1350	4500	EZSB54-4I	78876	514.0	EZSB54-5I	78884	548.8
60	1500	4500	EZSB60-4I	78877	543.0	EZSB60-5I	78885	577.9
72	1800	4500	EZSB72-4I	78878	586.0	EZSB72-5I	78886	620.2

Lead time: 1 working day

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

Product Notes:

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



Adjustable Idler Set with Impact Rolls

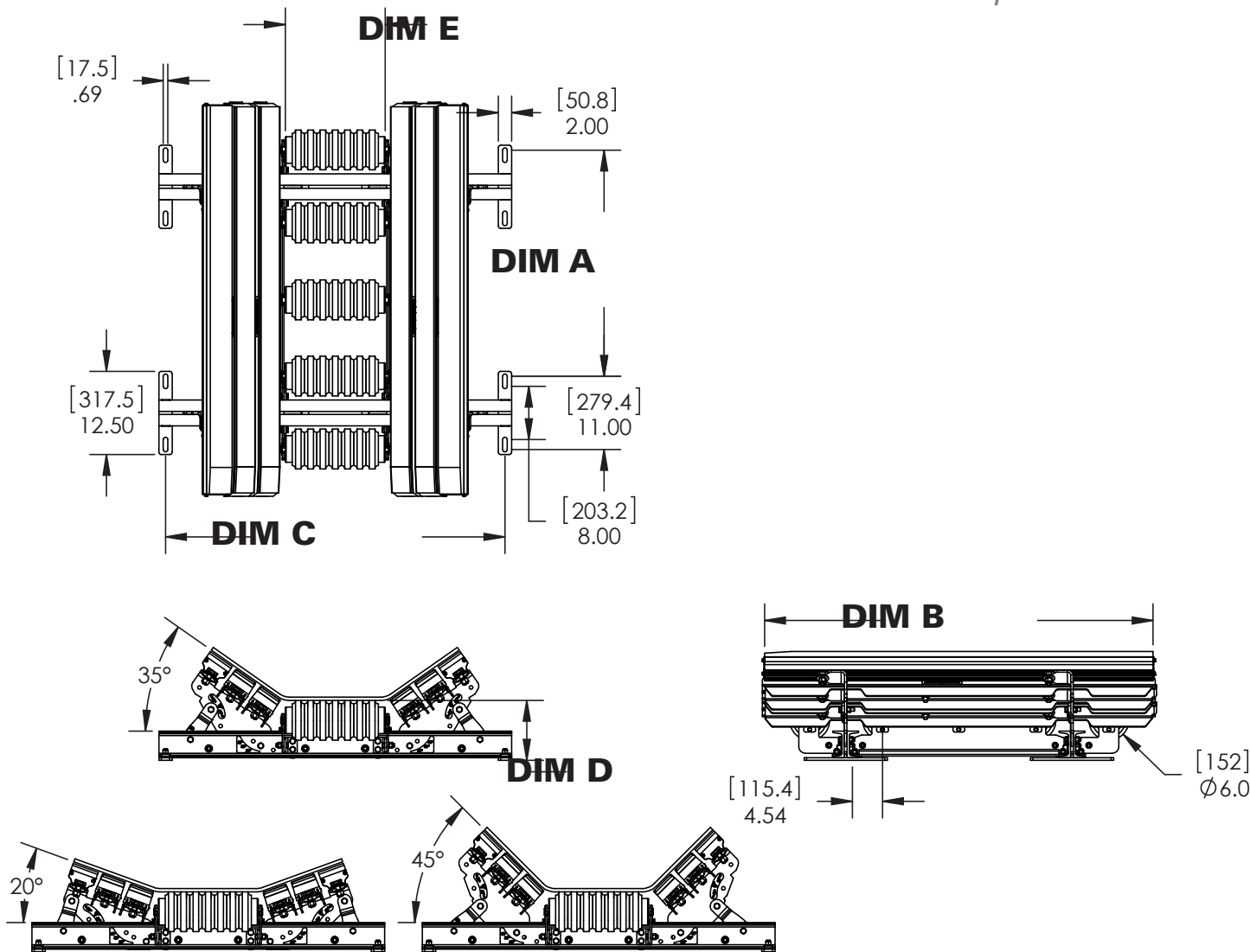
(for placement in between 3 or more beds or in transitions; Adjusts from 10 - 45° in 5° increments)

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. 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

Lead time: 1 working day

Specifications and Guidelines

EZSB-I Flexco Slider Beds with Impact Rolls

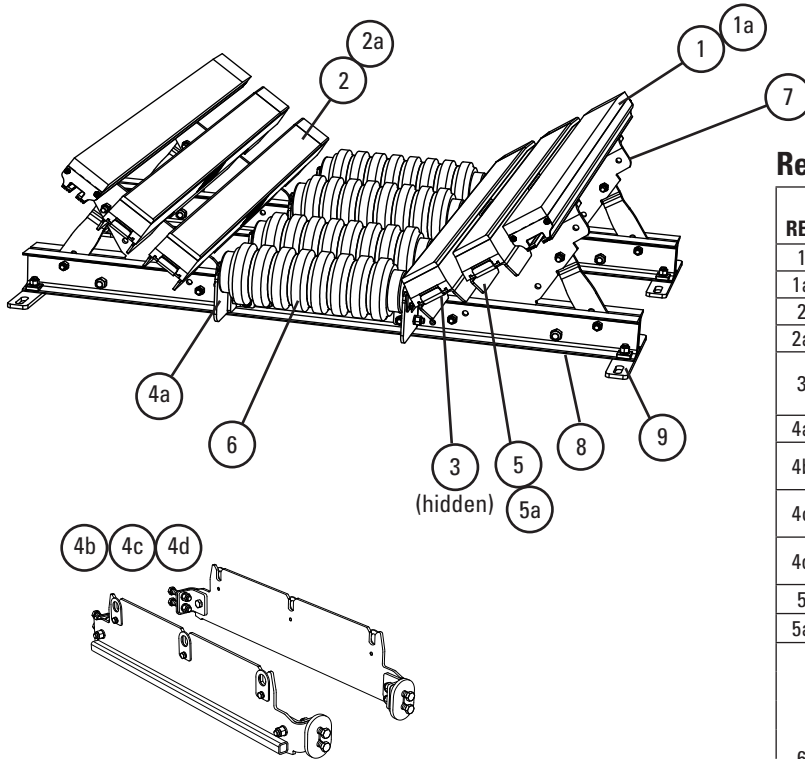


Bed Length 4' (1.2 M)				Bed Length 5' (1.5 M)*				Bed Width		Dim C		Dim D		Dim E	
Dim A		Dim B		Dim A		Dim B									
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
26	660.4	48.14	1222.8	34	863.6	58.38	1482.9	24	600	33	838	9	229	9	229
								30	750	39	991	9	229	11	279
								36	900	45	1143	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' (1.5M) beds come with 5 impact rolls

Replacement Parts List

EZSB-I Flexco Slider Beds with Impact Rolls



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 Roll Mount Kit *	EZIRMK	79318	5.1
4b	Center Roll Mount Kit for 5' (1.5M) x 24-48" (600-1200mm)**	EZCRMK24-48	90434	43.5
4c	Center Roll Mount Kit for 5' (1.5M) x 54-60" (1350-1500mm)**	EZCRMK54-60	90261	43.5
4d	Center Roll 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	Impact Roll 24" (600mm)	NI6D3T-24-9-A45	26184	10.1
	Impact Roll 30" (750mm)	NI6D3T-30-11-A45	26185	12.0
	Impact Roll 36" (900mm)	NI6D3T-36-13-A45	26186	13.9
	Impact Roll 42" (1050mm)	NI6D3T-42-15-A45	26187	16.0
	Impact Roll 48" (1200mm)	NI6D3T-48-17-A45	26188	17.9
	Impact Roll 54" (1350mm)	NI6D3T-54-19-A45	26189	19.8
	Impact Roll 60" (1500mm)	NI6D3T-60-21-A45	26190	21.7
	Impact Roll 72" (1800mm)	NI6D3T-72-25-A45	26191	25.6
7	Wing Plate Kit 24" (600mm) *	EZWPK-24	78970	16.9
	Wing Plate Kit 30" (750mm) *	EZWPK-30	78971	17.4
	Wing Plate Kit 36" (900mm) *	EZWPK-36	78972	21.2
	Wing Plate Kit 42" (1050mm) *	EZWPK-42	78973	26.2
	Wing Plate Kit 48" (1200mm) *	EZWPK-48	78974	30.1
	Wing Plate Kit 54" (1350mm) *	EZWPK-54	78975	35.6
	Wing Plate Kit 60" (1500mm) *	EZWPK-60	78976	39.0
	Wing Plate Kit 72" (1800mm) *	EZWPK-72	78977	46.7
8	Cross Stringer Kit 24" (600mm) *	EZCSK-24	78978	49.2
	Cross Stringer Kit 30" (750mm) *	EZCSK-30	78979	56.5
	Cross Stringer Kit 36" (900mm) *	EZCSK-36	78980	63.8
	Cross Stringer Kit 42" (1050mm) *	EZCSK-42	78981	70.8
	Cross Stringer Kit 48" (1200mm) *	EZCSK-48	78982	78.5
	Cross Stringer Kit 54" (1350mm) *	EZCSK-54	78983	85.8
	Cross Stringer Kit 60" (1500mm) *	EZCSK-60	78984	93.1
	Cross Stringer Kit 72" (1800mm) *	EZCSK-72	78985	99.1
9	Shim Kit Light Duty (incl. 4 shims)	SHIM-KITL	77548	13.6

Lead time: 1 working day

§ 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.

*Hardware Included

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

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

U.S. Patent pending

Product Ordering Information

EZIB-L Flexco Impact Beds All Bars - Light Duty



Flexco Slider Bed Impact Bars - Light Duty

BELT WIDTH		TONNAGE RATING (ton/hr)	4' (1.2M) LENGTH			5' (1.5M) LENGTH		
in.	mm		ORDERING NUMBER	ITEM CODE	WT. LBS	ORDERING NUMBER	ITEM CODE	WT. LBS
24	600	3500	EZIB24-4L	78887	304.3	EZIB24-5L	78895	338.8
30	750	3500	EZIB30-4L	78888	320.9	EZIB30-5L	78896	355.5
36	900	4100	EZIB36-4L	78889	384.8	EZIB36-5L	78897	428.1
42	1050	5200	EZIB42-4L	78890	454.4	EZIB42-5L	78898	506.5
48	1200	5800	EZIB48-4L	78891	518.4	EZIB48-5L	78899	579.3
54	1350	7000	EZIB54-4L	78892	589.0	EZIB54-5L	78900	658.8
60	1500	7600	EZIB60-4L	78893	652.0	EZIB60-5L	78901	729.9
72	1800	8100	EZIB72-4L	78894	721.5	EZIB72-5L	78902	808.7

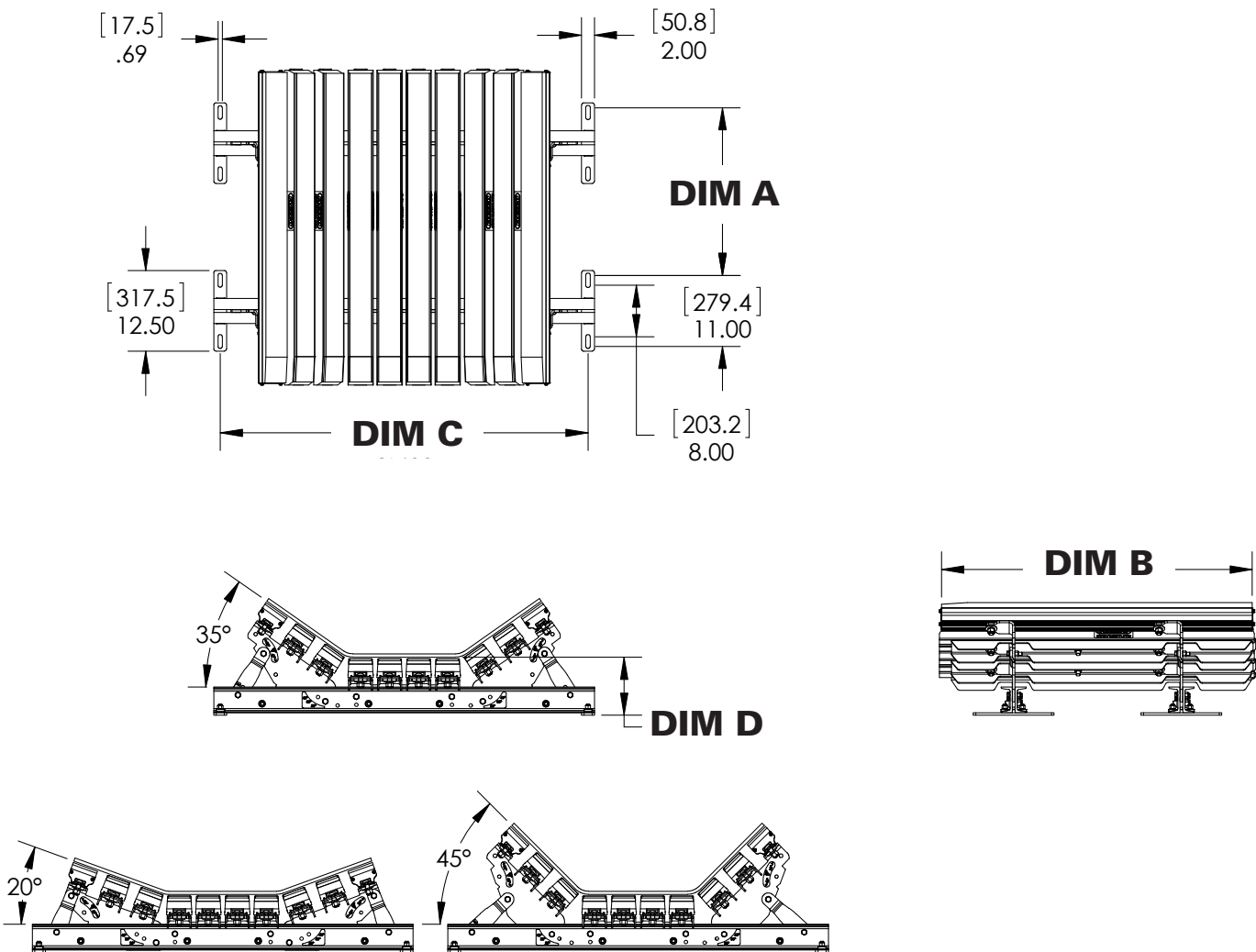
Lead time: 1 working day

Product Notes:

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

Specifications and Guidelines

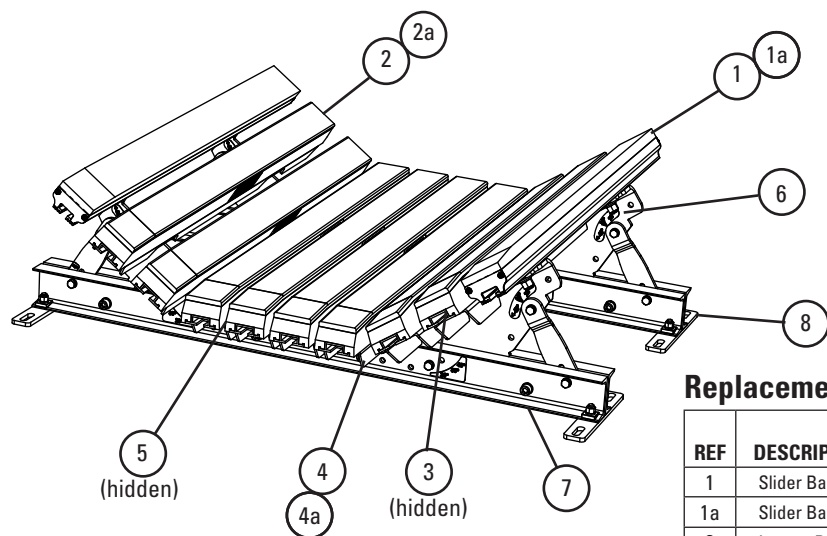
EZIB-L
Flexco Impact Beds
All Bars - Light Duty



Bed Length 4' (1.2 M)				Bed Length 5' (1.5 M)									
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

EZIB-L Flexco Impact Beds All Bars - Light 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 - L 4' (1.2M) *	EZBS-L4	78953	16.1
4a	Impact Bar Support - L 5' (1.5M) *	EZBS-L5	78954	20.4
5	Center Bar Mount Kit 24" (600mm) *	EZBMK-24	78944	5.2
	Center Bar Mount Kit 30" (750mm) *	EZBMK-30	78945	5.7
	Center Bar Mount Kit 36" (900mm) *	EZBMK-36	78946	7.5
	Center Bar Mount Kit 42" (1050mm) *	EZBMK-42	78947	8.0
	Center Bar Mount Kit 48" (1200mm) *	EZBMK-48	78948	9.8
	Center Bar Mount Kit 54" (1350mm) *	EZBMK-54	78949	10.5
	Center Bar Mount Kit 60" (1500mm) *	EZBMK-60	78950	12.3
	Center Bar Mount Kit 72" (1800mm) *	EZBMK-72	78951	14.6
6	Wing Plate Kit 24" (600mm) *	EZWPK-24	78970	16.9
	Wing Plate Kit 30" (750mm) *	EZWPK-30	78971	17.4
	Wing Plate Kit 36" (900mm) *	EZWPK-36	78972	21.2
	Wing Plate Kit 42" (1050mm) *	EZWPK-42	78973	26.2
	Wing Plate Kit 48" (1200mm) *	EZWPK-48	78974	30.1
	Wing Plate Kit 54" (1350mm) *	EZWPK-54	78975	35.6
	Wing Plate Kit 60" (1500mm) *	EZWPK-60	78976	39.0
	Wing Plate Kit 72" (1800mm) *	EZWPK-72	78977	46.7
7	Cross Stringer Kit 24" (600mm) *	EZCSK-24	78978	49.2
	Cross Stringer Kit 30" (750mm) *	EZCSK-30	78979	56.5
	Cross Stringer Kit 36" (900mm) *	EZCSK-36	78980	63.8
	Cross Stringer Kit 42" (1050mm) *	EZCSK-42	78981	70.8
	Cross Stringer Kit 48" (1200mm) *	EZCSK-48	78982	78.5
	Cross Stringer Kit 54" (1350mm) *	EZCSK-54	78983	85.8
	Cross Stringer Kit 60" (1500mm) *	EZCSK-60	78984	93.1
	Cross Stringer Kit 72" (1800mm) *	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

U.S. Patent pending

Product Ordering Information

EZIB-M
Flexco Impact Beds
All Bars - Medium Duty



Flexco Slider Bed Impact Bars - Medium Duty

BELT WIDTH		TONNAGE RATING (ton/hr)	4' (1.2M) LENGTH			5' (1.5M) LENGTH		
in.	mm		ORDERING NUMBER	ITEM CODE	WT. LBS	ORDERING NUMBER	ITEM CODE	WT. LBS
24	600	8,100	EZIB24-4M	78903	409.5	EZIB24-5M	78911	452.6
30	750	8,100	EZIB30-4M	78904	434.5	EZIB30-5M	78912	477.6
36	900	9,500	EZIB36-4M	78905	473.4	EZIB36-5M	78913	516.5
42	1050	12,200	EZIB42-4M	78906	595.0	EZIB42-5M	78914	655.7
48	1200	13,600	EZIB48-4M	78907	672.9	EZIB48-5M	78915	742.3
54	1350	16,300	EZIB54-4M	78908	757.9	EZIB54-5M	78916	836.3
60	1500	17,600	EZIB60-4M	78909	796.1	EZIB60-5M	78917	874.4
72	1800	19,000	EZIB72-4M	78910	844.2	EZIB72-5M	78918	1,016.3

Lead time: 1 working day

Product Notes:

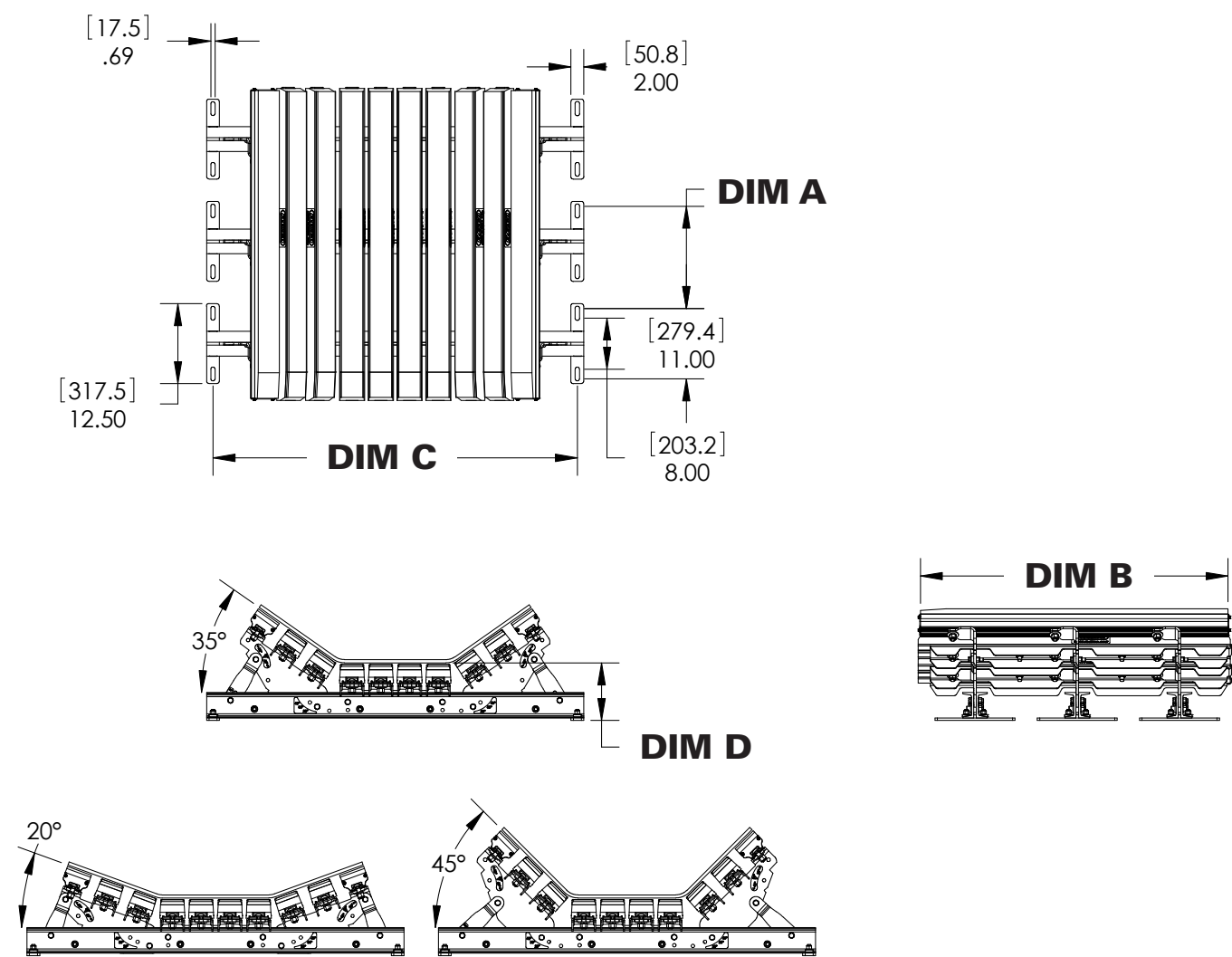
- CEMA D construction
- No need to specify troughing angle—designed to adjust to 20°, 35°, 45°.
- Outermost trough bar features 1" (25mm) solid UHMW slider bar to provide longer wear life and consistent load zone sealing where impact is not present.

Specifications and Guidelines

EZIB-M

Flexco Impact Beds

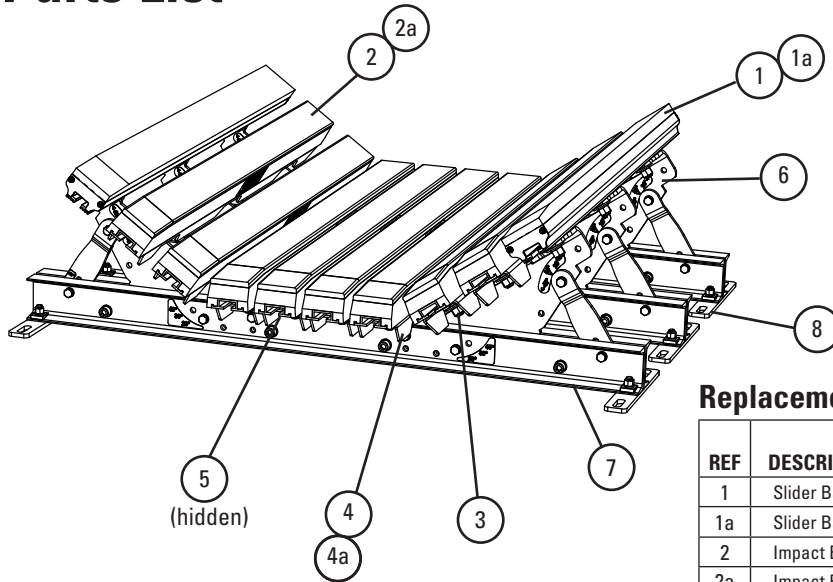
All Bars - Medium Duty



Bed Length 4' (1.2 M)				Bed Length 5' (1.5 M)									
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
1a	Slider Bar, 5' (1.5M)	SB5	78790	24.1
2	Impact Bar, 4' (1.2M)	IB4	76926	17
2a	Impact Bar, 5' (1.5M)	IB5	76927	21
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	Center Bar Mount Kit 24" (600mm) *	EZBMK-24	78944	5.2
	Center Bar Mount Kit 30" (750mm) *	EZBMK-30	78945	5.7
	Center Bar Mount Kit 36" (900mm) *	EZBMK-36	78946	7.5
	Center Bar Mount Kit 42" (1050mm) *	EZBMK-42	78947	8.0
	Center Bar Mount Kit 48" (1200mm) *	EZBMK-48	78948	9.8
	Center Bar Mount Kit 54" (1350mm) *	EZBMK-54	78949	10.5
	Center Bar Mount Kit 60" (1500mm) *	EZBMK-60	78950	12.3
	Center Bar Mount Kit 72" (1800mm) *	EZBMK-72	78951	14.6
6	Wing Plate Kit 24" (600mm) *	EZWPK-24	78970	16.9
	Wing Plate Kit 30" (750mm) *	EZWPK-30	78971	17.4
	Wing Plate Kit 36" (900mm) *	EZWPK-36	78972	21.2
	Wing Plate Kit 42" (1050mm) *	EZWPK-42	78973	26.2
	Wing Plate Kit 48" (1200mm) *	EZWPK-48	78974	30.1
	Wing Plate Kit 54" (1350mm) *	EZWPK-54	78975	35.6
	Wing Plate Kit 60" (1500mm) *	EZWPK-60	78976	39.0
	Wing Plate Kit 72" (1800mm) *	EZWPK-72	78977	46.7
7	Cross Stringer Kit 24" (600mm) *	EZCSK-24	78978	49.2
	Cross Stringer Kit 30" (750mm) *	EZCSK-30	78979	56.5
	Cross Stringer Kit 36" (900mm) *	EZCSK-36	78980	63.8
	Cross Stringer Kit 42" (1050mm) *	EZCSK-42	78981	70.8
	Cross Stringer Kit 48" (1200mm) *	EZCSK-48	78982	78.5
	Cross Stringer Kit 54" (1350mm) *	EZCSK-54	78983	85.8
	Cross Stringer Kit 60" (1500mm) *	EZCSK-60	78984	93.1
	Cross Stringer Kit 72" (1800mm) *	EZCSK-72	78985	99.1
8	Shim Kit Medium Duty (incl. 4 shims)	SHIM-KITM	77549	20.4

*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-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
	IMPACT	4	4	5	7	8	10	12
BAR BOLT KITS REQUIRED		26	26	31	41	46	56	66
BAR SUPPORTS REQUIRED		4	4	5	7	8	10	12

Product Ordering Information

MSB *Modular Slider Beds with Impact Rolls*

Modular Slider Bed with Impact Rolls

(for impact zones with less than 200 lb-ft energy)

BELT WIDTH		TONNAGE RATING (ton/hr)	2' (600mm) SECTIONS		
in.	mm		ORDERING NUMBER	ITEM CODE	WT. LBS
24	600	3500	MSB24-2I	79979	246.8
30	750	3500	MSB30-2I	79980	263.5
36	900	4100	MSB36-2I	79981	297.9
42	1050	4500	MSB42-2I	79982	373.2
48	1200	4500	MSB48-2I	79983	393.4
54	1350	4500	MSB54-2I	79984	493.2
60	1500	4500	MSB60-2I	79985	513.9
72	1800	4500	MSB72-2I	79986	557.9

Lead time: 1 working day



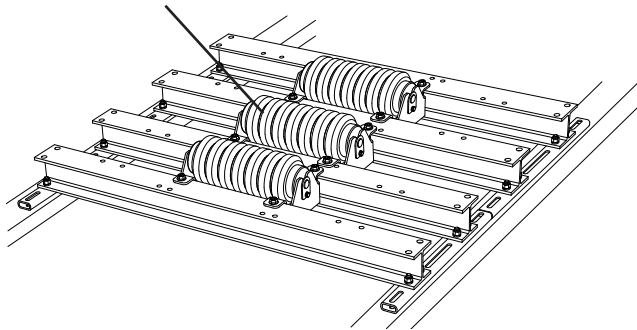
Add-on Impact Roller Kit

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

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. 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

Lead time: 1 working day

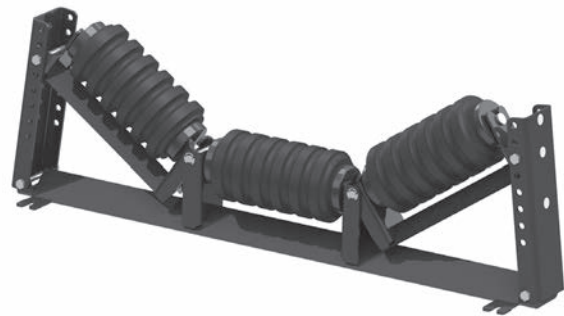
Add-on Impact Roller installed between 2 Modular Slider Beds



Adjustable Idler Set with Impact Rolls

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

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. 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

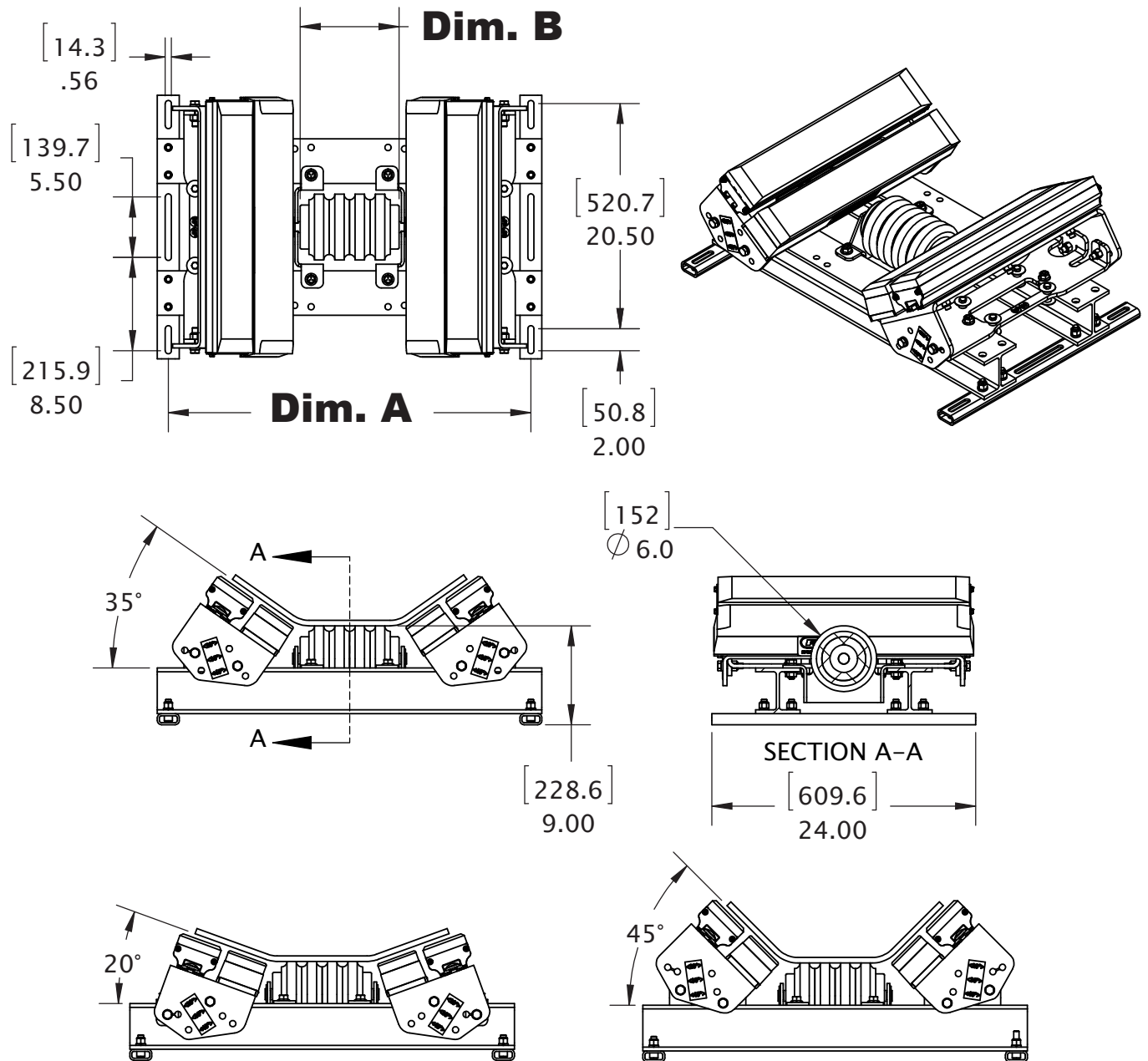


Product Notes:

- Modular design accommodates any length of load zone
- CEMA D construction
- No need to specify troughing angle—designed to adjust to 20°, 35°, 45°
- All bars feature 1" (25mm) 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" (600mm) to every 12" (300mm).

Specifications and Guidelines

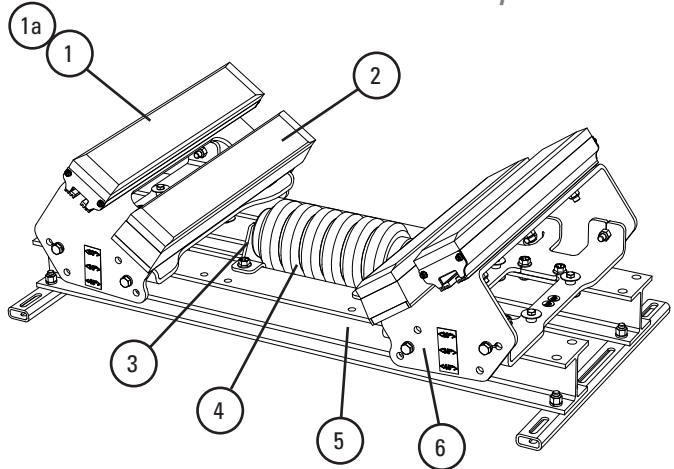
MSB
Modular Slider Beds
with Impact Rolls



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

Replacement Parts List

MSB Modular Slider Beds with Impact Rolls



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	Impact Roll 24" (600mm)	NI6D3T-24-9-A45	26184	10.1
	Impact Roll 30" (750mm)	NI6D3T-30-11-A45	26185	12.0
	Impact Roll 36" (900mm)	NI6D3T-36-13-A45	26186	13.9
	Impact Roll 42" (1050mm)	NI6D3T-42-15-A45	26187	16.0
	Impact Roll 48" (1200mm)	NI6D3T-48-17-A45	26188	17.9
	Impact Roll 54" (1350mm)	NI6D3T-54-19-A45	26189	19.8
	Impact Roll 60" (1500mm)	NI6D3T-60-21-A45	26190	21.7
	Impact Roll 72" (1800mm)	NI6D3T-72-25-A45	26191	25.6
5	Cross Stringer Kit 24" (600mm) *	MIB24CSK	90237	86.7
	Cross Stringer Kit 30" (750mm) *	MIB30CSK	90238	99.6
	Cross Stringer Kit 36" (900mm) *	MIB36CSK	90239	112.5
	Cross Stringer Kit 42" (1050mm) *	MIB42CSK	90240	125.4
	Cross Stringer Kit 48" (1200mm) *	MIB48CSK	90241	138.4
	Cross Stringer Kit 54" (1350mm) *	MIB54CSK	90242	153.7
	Cross Stringer Kit 60" (1500mm) *	MIB60CSK	90243	166.6
	Cross Stringer Kit 72" (1800mm) *	MIB72CSK	90244	194.7
6	Wing Plate Kit 24" (600mm) *	MIB24WPK	90245	38.9
	Wing Plate Kit 30" (750mm) *	MIB30WPK	90246	39.8
	Wing Plate Kit 36" (900mm) *	MIB36WPK	90247	49.6
	Wing Plate Kit 42" (1050mm) *	MIB42WPK	90248	59.7
	Wing Plate Kit 48" (1200mm) *	MIB48WPK	90249	62.4
	Wing Plate Kit 54" (1350mm) *	MIB54WPK	90250	83.8
	Wing Plate Kit 60" (1500mm) *	MIB60WPK	90251	86.7
	Wing Plate Kit 72" (1800mm) *	MIB72WPK	90252	92.8
-	Shim Kit (incl. 4 shims)	SHIM-KITMOD	79989	11.8

*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)	Use (1) shim kit; Shim idler up .5" (13mm)	No shim
42"-72" (1050-1800mm)	No shim	Use (1) shim kit; Shim bed up .5" (13mm)
IMPACT BED SIZE	CEMA E, 6" (150mm) Idlers	CEMA E, 7" (175mm) IDLERS
36"-60" (900-1500mm)	Use (3) shim kits; Shim bed up 1.5" (38mm)	Use (4) shim kits; Shim bed up 2" (50mm)
72" (1800mm)	Use (4) shim kits; Shim bed up 2" (50mm)	Use (5) shim kits; Shim bed up 2.5" (64mm)

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

MIB
Modular Impact Beds
All Bars

Modular Impact Bed

(for impact zones with less than 1500 lb-ft energy)

BELT WIDTH		TONNAGE RATING (ton/hr)	2' (600mm) LENGTH		
in.	mm		ORDERING NUMBER	ITEM CODE	WT. LBS
24	600	12800	MIB24-2H	79971	288.0
30	750	12800	MIB30-2H	79972	303.9
36	900	14900	MIB36-2H	79973	365.1
42	1050	19200	MIB42-2H	79974	439.0
48	1200	21300	MIB48-2H	79975	484.4
54	1350	25600	MIB54-2H	79976	583.8
60	1500	27700	MIB60-2H	79977	629.5
72	1800	29900	MIB72-2H	79978	698.3

Lead time: 1 working day



Adjustable Idler Set with Impact Rolls

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

BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. 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



Product Notes:

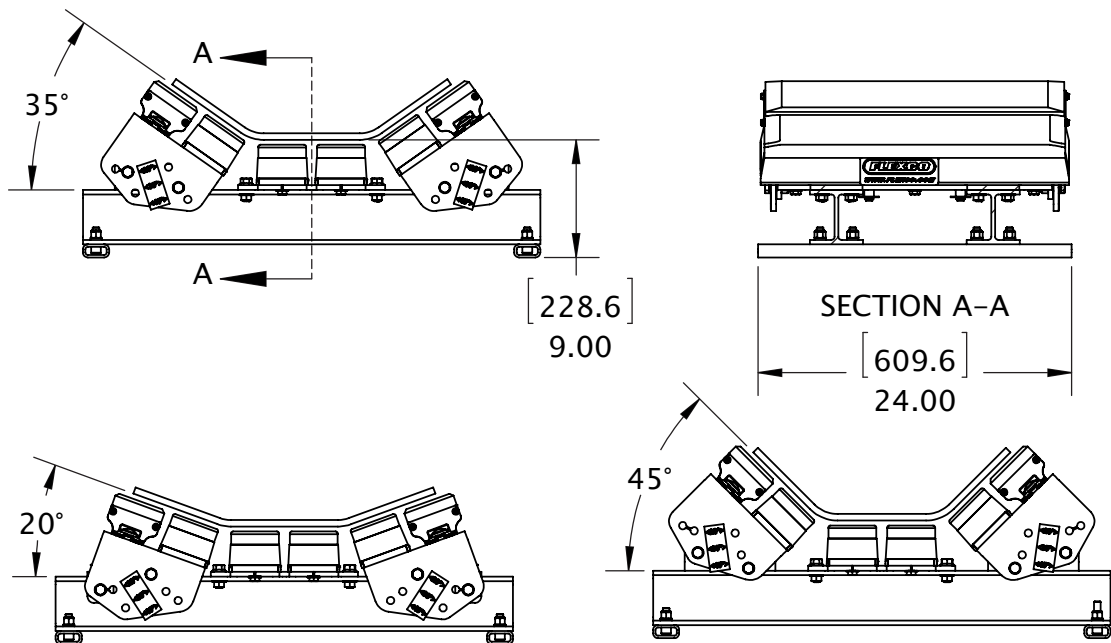
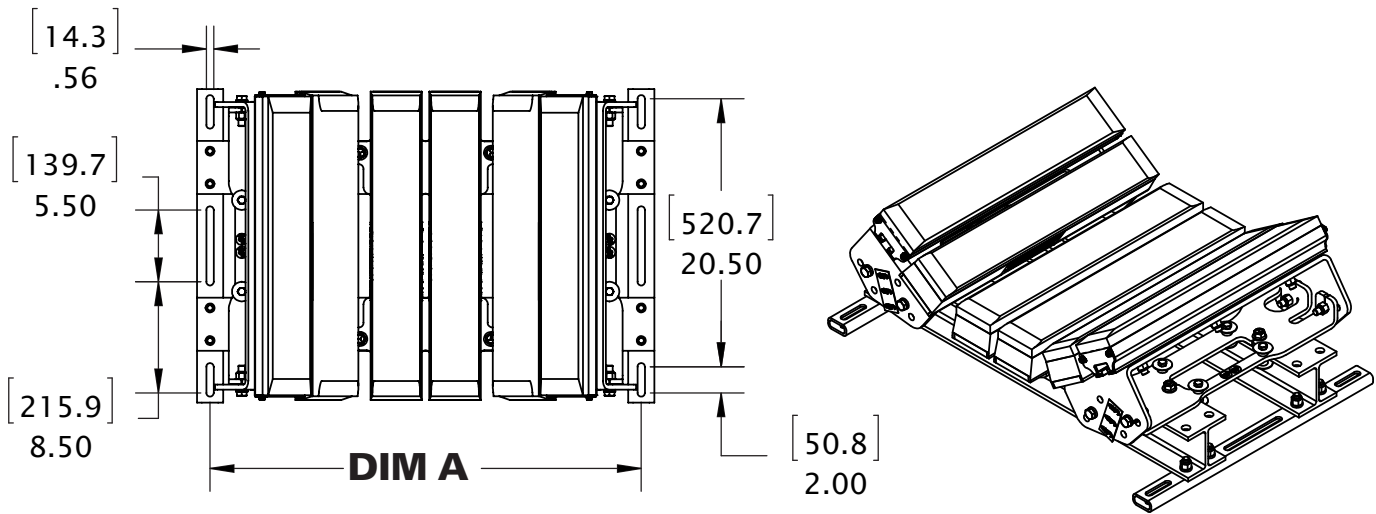
- Modular design accommodates any length of load zone
- CEMA D construction
- No need to specify troughing angle—designed to adjust to 20°, 35°, 45°
- All bars feature 1" (25mm) solid UHMW
- With removal of a few bolts, the wings and center sections slide out for service

Specifications and Guidelines

MIB

Modular Impact Beds

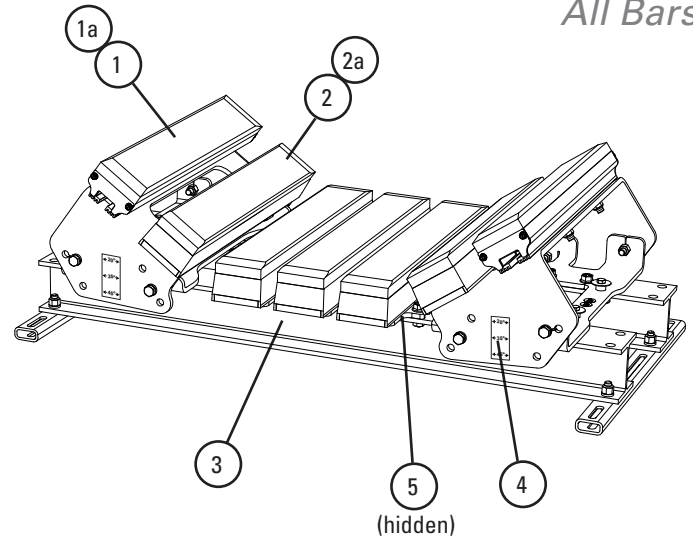
All Bars



Bed Width	Dim A
24" (600mm)	33" (838.2mm)
30" (750mm)	39" (990.6mm)
36" (900mm)	45" (1143mm)
42" (1050mm)	51" (1295.4mm)
48" (1200mm)	57" (1447.8mm)
54" (1350mm)	63" (1600.2mm)
60" (1500mm)	69" (1752.6mm)
72" (1800mm)	81" (2057.4mm)

Replacement Parts List

MIB Modular Impact Beds All Bars



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	Cross Stringer Kit 24" (600mm) *	MIB24CSK	90237	86.7
	Cross Stringer Kit 30" (750mm) *	MIB30CSK	90238	99.6
	Cross Stringer Kit 36" (900mm) *	MIB36CSK	90239	112.5
	Cross Stringer Kit 42" (1050mm) *	MIB42CSK	90240	125.4
	Cross Stringer Kit 48" (1200mm) *	MIB48CSK	90241	138.4
	Cross Stringer Kit 54" (1350mm) *	MIB54CSK	90242	153.7
	Cross Stringer Kit 60" (1500mm) *	MIB60CSK	90243	166.6
	Cross Stringer Kit 72" (1800mm) *	MIB72CSK	90244	194.7
4	Wing Plate Kit 24" (600mm) *	MIB24WPK	90245	38.9
	Wing Plate Kit 30" (750mm) *	MIB30WPK	90246	39.8
	Wing Plate Kit 36" (900mm) *	MIB36WPK	90247	49.6
	Wing Plate Kit 42" (1050mm) *	MIB42WPK	90248	59.7
	Wing Plate Kit 48" (1200mm) *	MIB48WPK	90249	62.4
	Wing Plate Kit 54" (1350mm) *	MIB54WPK	90250	83.8
	Wing Plate Kit 60" (1500mm) *	MIB60WPK	90251	86.7
5	Center Plate Kit 24" (600mm) *	MIB24CPK	90253	19.3
	Center Plate Kit 30" (750mm) *	MIB30CPK	90254	20.4
	Center Plate Kit 36" (900mm) *	MIB36CPK	90255	29.2
	Center Plate Kit 42" (1050mm) *	MIB42CPK	90256	29.9
	Center Plate Kit 48" (1200mm) *	MIB48CPK	90257	37.0
	Center Plate Kit 54" (1350mm) *	MIB54CPK	90258	38.5
	Center Plate Kit 60" (1500mm) *	MIB60CPK	90259	45.4
	Center Plate Kit 72" (1800mm) *	MIB72CPK	90260	54.2
-	Shim Kit (incl. 4 shims)	SHIM-KITMOD	79989	11.8

*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)	Use (1) shim kit; Shim idler up .5" (13mm)	No shim
42"-72" (1050-1800mm)	No shim	Use (1) shim kit; Shim bed up .5" (13mm)
IMPACT BED SIZE	CEMA E, 6" (150mm) Idlers	CEMA E, 7" (175mm) IDLERS
36"-60" (900-1500mm)	Use (3) shim kits; Shim bed up 1.5" (38mm)	Use (4) shim kits; Shim bed up 2" (50mm)
72" (1800mm)	Use (4) shim kits; Shim bed up 2" (50mm)	Use (5) shim kits; Shim bed up 2.5" (64mm)

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

DRX™ Impact Beds

It's the Structure, not the bars

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

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

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

User-Friendly Slide-Out Service™

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

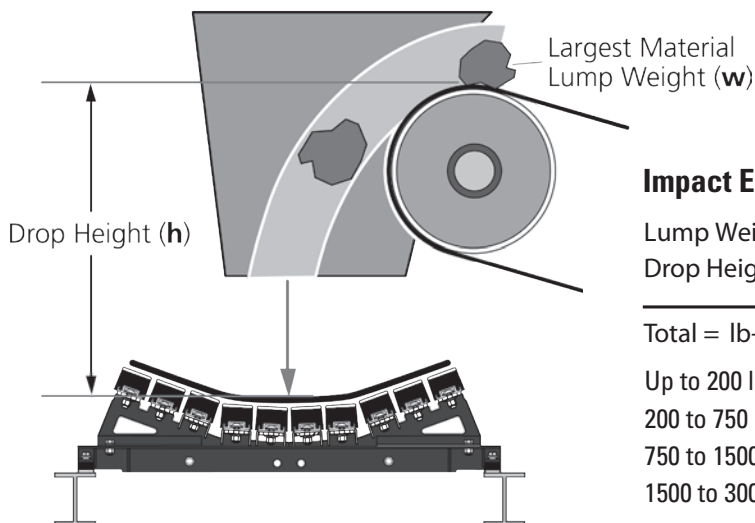
Unique Impact Bar Supports protect the impact bars from damage, extending service life. An Anti-Migratory Tab on each support secures the bar and prevents it from sliding in the direction of the belt.

Other Features and Benefits

- Uses exclusive anti-spin square washers. Allows use of carriage bolts to secure impact bars instead of expensive T bolts.

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

Impact Energy Calculation Chart



Roller Size and CEMA Rating

5" (125mm) ☐ 6" (150mm) ☐

CEMA C ☐ D ☐ E ☐

Belt Width _____

Troughing Angle: 20° ☐ 35° ☐

Bed Length: 4' (1.2M) ☐ 5' (1.5M) ☐

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

DRX™
Impact Beds

Product Ordering Information

DRX200
Impact Beds

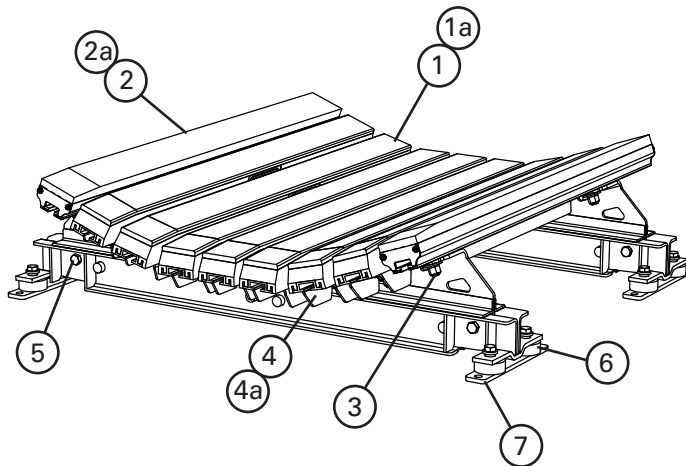
DRX200 CEMA D construction

BELT WIDTH		TONNAGE RATING (ton/hr)	4' (1.2 M) BEDS, 20° TROUGH			4' (1.2 M) BEDS, 35° TROUGH		
in.	mm		ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
24	600	3500	DRXL-24-420	76816	260.0	DRXL-24-435	76832	260.0
30	750	3500	DRXL-30-420	76817	282.0	DRXL-30-435	76833	282.0
36	900	4100	DRXL-36-420	76818	323.0	DRXL-36-435	76834	323.0
42	1050	5200	DRXL-42-420	76819	412.0	DRXL-42-435	76835	412.0
48	1200	5800	DRXL-48-420	76820	433.0	DRXL-48-435	76836	433.0
54	1350	7000	DRXL-54-420	76821	498.0	DRXL-54-435	76837	498.0
60	1500	7600	DRXL-60-420	76822	543.0	DRXL-60-435	76838	543.0
72	1800	8100	DRXL-72-420	76823	615.0	DRXL-72-435	76839	615.0

Lead time: 2 weeks

BELT WIDTH		TONNAGE RATING (ton/hr)	5' (1.5 M) BEDS, 20° TROUGH			5' (1.5 M) BEDS, 35° TROUGH		
in.	mm		ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
24	600	3500	DRXL-24-520	76824	290.0	DRXL-24-535	76840	290.0
30	750	3500	DRXL-30-520	76825	311.0	DRXL-30-535	76841	311.0
36	900	4100	DRXL-36-520	76826	357.0	DRXL-36-535	76842	357.0
42	1050	5200	DRXL-42-520	76827	459.0	DRXL-42-535	76843	459.0
48	1200	5800	DRXL-48-520	76828	480.0	DRXL-48-535	76844	480.0
54	1350	7000	DRXL-54-520	76829	554.0	DRXL-54-535	76845	554.0
60	1500	7600	DRXL-60-520	76830	602.0	DRXL-60-535	76846	602.0
72	1800	8100	DRXL-72-520	76831	679.0	DRXL-72-535	76847	679.0

Lead time: 2 weeks



* Belt width + 9" = Structure width

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

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

U.S. Patent No. 7,815,040

Product Notes:

- Rated for impacts up to 200 lb-ft (25 kg-m)
- Rated for belt speeds up to 1000 fpm (5m/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'	IB4	76926	17.0
1a	Impact Bar, 5'	IB5	76927	21.2
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" carriage bolt, square washer, flat washer, lock washer, Nylock nut	IBBK	76928	0.5
4	Impact Bar Support -L 4' incl. (1) ea bar support, carriage bolt, square washer, lock washer, Nylock nut	IBS-L4	76929	16.8
4a	Impact Bar Support -L 5' 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) 2" bolts, (2) lock washers, (2) 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

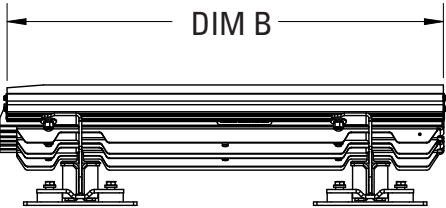
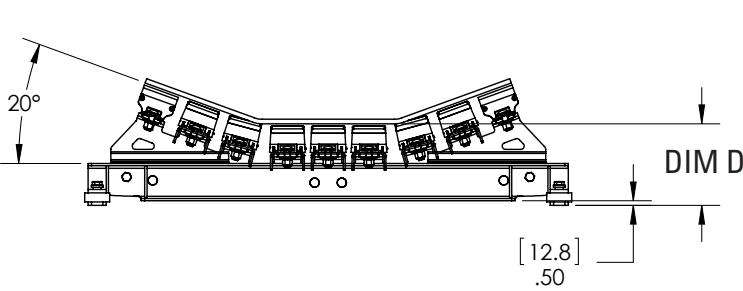
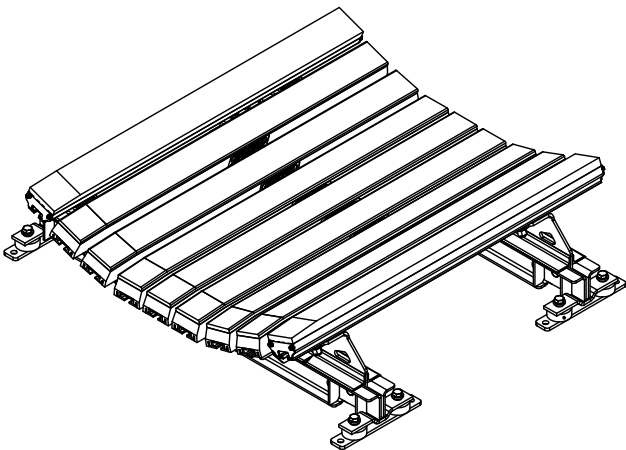
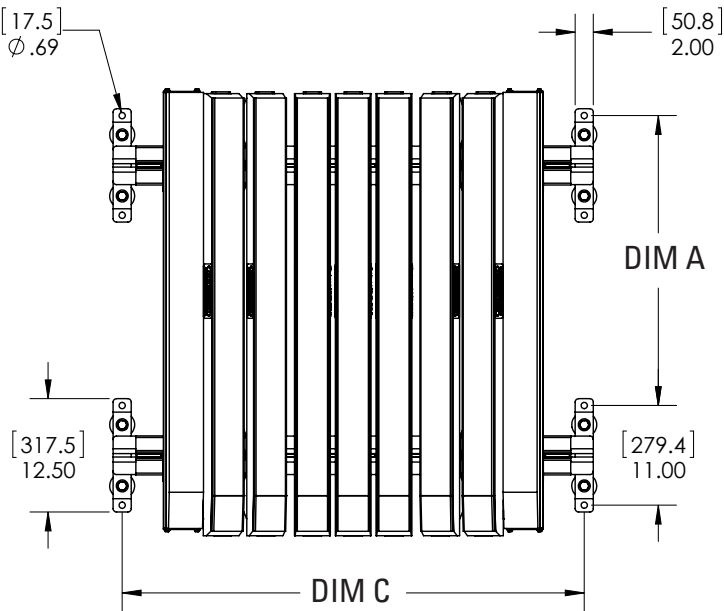
Lead time: 1 working day

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

Specifications and Guidelines

DRX200
Impact Beds



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

DRX750
Impact Beds

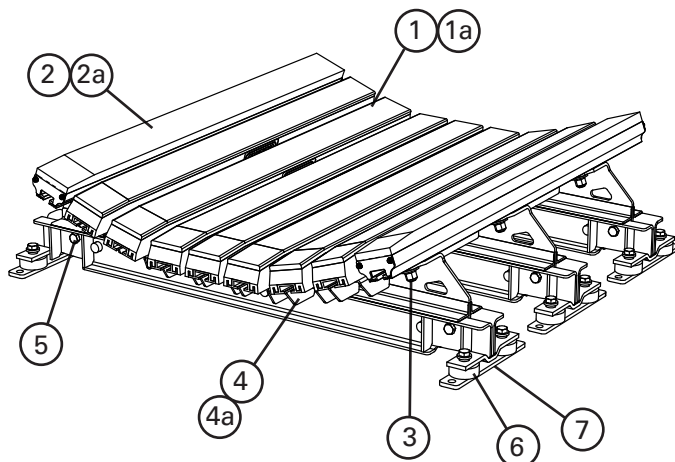
DRX750 CEMA D construction

BELT WIDTH		TONNAGE RATING (ton/hr)	4' (1.2 M) BEDS, 20° TROUGH			4' (1.2 M) BEDS, 35° TROUGH		
in.	mm		ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
24	600	8,100	DRXM-24-420	76848	365.0	DRXM-24-435	76864	365.0
30	750	8,100	DRXM-30-420	76849	397.0	DRXM-30-435	76865	397.0
36	900	9,500	DRXM-36-420	76850	467.0	DRXM-36-435	76866	467.0
42	1050	12,200	DRXM-42-420	76851	592.0	DRXM-42-435	76867	592.0
48	1200	13,600	DRXM-48-420	76852	623.0	DRXM-48-435	76868	623.0
54	1350	16,300	DRXM-54-420	76853	704.0	DRXM-54-435	76869	704.0
60	1500	17,600	DRXM-60-420	76854	779.0	DRXM-60-435	76870	779.0
72	1800	19,000	DRXM-72-420	76855	896.0	DRXM-72-435	76871	896.0

Lead time: 2 weeks

BELT WIDTH		TONNAGE RATING (ton/hr)	5' (1.5 M) BEDS, 20° TROUGH			5' (1.5 M) BEDS, 35° TROUGH		
in.	mm		ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
24	600	8,100	DRXM-24-520	76856	403.0	DRXM-24-535	76872	403.0
30	750	8,100	DRXM-30-520	76857	435.0	DRXM-30-535	76873	435.0
36	900	9,500	DRXM-36-520	76858	514.0	DRXM-36-535	76874	514.0
42	1050	12,200	DRXM-42-520	76859	656.0	DRXM-42-535	76875	656.0
48	1200	13,600	DRXM-48-520	76860	687.0	DRXM-48-535	76876	687.0
54	1350	16,300	DRXM-54-520	76861	777.0	DRXM-54-535	76877	777.0
60	1500	17,600	DRXM-60-520	76862	861.0	DRXM-60-535	76878	861.0
72	1800	19,000	DRXM-72-520	76863	985.0	DRXM-72-535	76879	985.0

Lead time: 2 weeks



* Belt width + 9" = Structure width

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

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

U.S. Patent No. 7,815,040

Product Notes:

- Rated for impacts up to 750 lb-ft (100 kg-m)
- Rated for belt speeds up to 1000 fpm (5m/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'	IB4	76926	17.0
1a	Impact Bar, 5'	IB5	76927	21.2
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" carriage bolt, square washer, flat washer, lock washer, Nylock nut)	IBBK	76928	0.5
4	Impact Bar Support -M 4' (incl. (1) bar support, (2) ea carriage bolt, square washer, lock washer, Nylock nut)	IBS-M4	76931	16.9
4a	Impact Bar Support -M 5' (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) 2" bolts, (2) lock washers, (2) Nylock nuts)	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

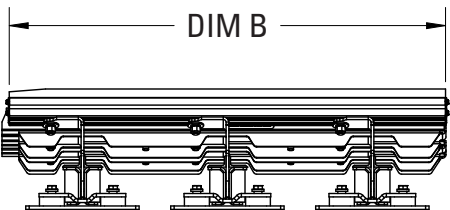
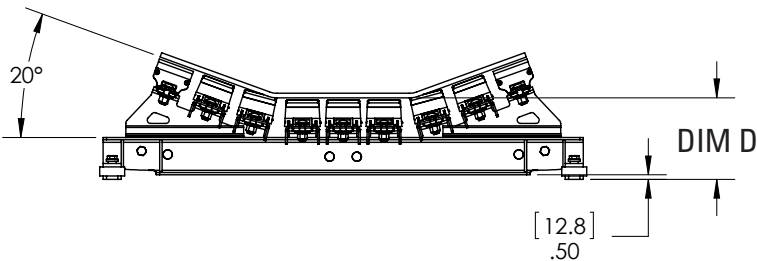
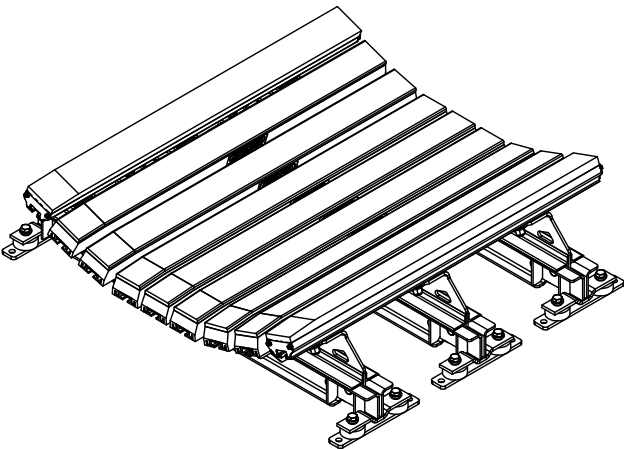
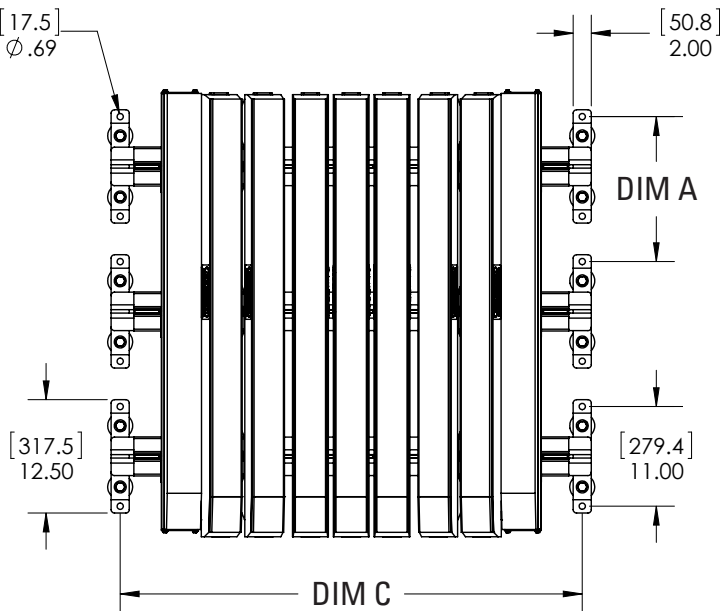
Lead time: 1 working day

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

Specifications and Guidelines

DRX750
Impact Beds



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

DRX1500
Impact Beds

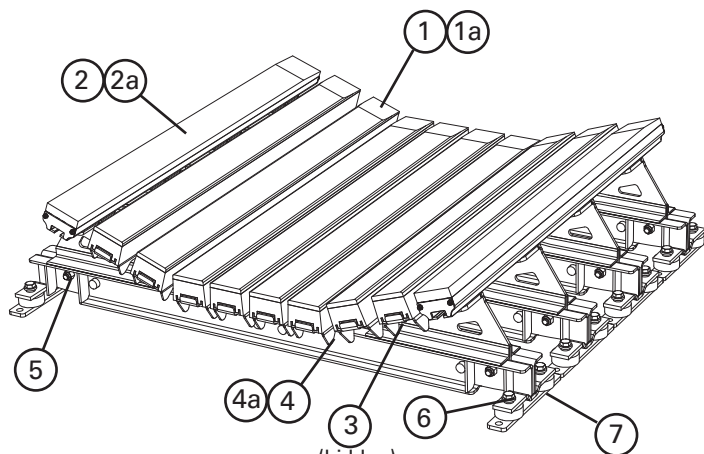
DRX1500 CEMA D construction

BELT WIDTH		TONNAGE RATING (ton/hr)	4' (1.2 M) BEDS, 20° TROUGH			4' (1.2 M) BEDS, 35° TROUGH		
in.	mm		ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
24	600	12,800	DRXH-24-420	76880	503.0	DRXH-24-435	76896	503.0
30	750	12,800	DRXH-30-420	76881	545.0	DRXH-30-435	76897	545.0
36	900	14,900	DRXH-36-420	76882	628.0	DRXH-36-435	76898	628.0
42	1050	19,200	DRXH-42-420	76883	806.0	DRXH-42-435	76899	806.0
48	1200	21,300	DRXH-48-420	76884	847.0	DRXH-48-435	76900	847.0
54	1350	25,600	DRXH-54-420	76885	977.0	DRXH-54-435	76901	977.0
60	1500	27,700	DRXH-60-420	76886	1,066.0	DRXH-60-435	76902	1,066.0
72	1800	29,900	DRXH-72-420	76887	1,210.0	DRXH-72-435	76903	1,210.0

Lead time: 2 weeks

BELT WIDTH		TONNAGE RATING (ton/hr)	5' (1.5 M) BEDS, 20° TROUGH			5' (1.5 M) BEDS, 35° TROUGH		
in.	mm		ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
24	600	12,800	DRXH-24-520	76888	558.0	DRXH-24-535	76904	558.0
30	750	12,800	DRXH-30-520	76889	601.0	DRXH-30-535	76905	601.0
36	900	14,900	DRXH-36-520	76890	692.0	DRXH-36-535	76906	692.0
42	1050	19,200	DRXH-42-520	76891	896.0	DRXH-42-535	76907	896.0
48	1200	21,300	DRXH-48-520	76892	937.0	DRXH-48-535	76908	937.0
54	1350	25,600	DRXH-54-520	76893	1,084.0	DRXH-54-535	76909	1,084.0
60	1500	27,700	DRXH-60-520	76894	1,181.0	DRXH-60-535	76910	1,181.0
72	1800	29,900	DRXH-72-520	76895	1,334.0	DRXH-72-535	76911	1,334.0

Lead time: 2 weeks



* Belt width + 9" = Structure width (hidden)

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

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

U.S. Patent No. 7,815,040

Product Notes:

- Rated for impacts up to 1500 lb-ft (200 kg-m)
- Rated for belt speeds up to 1000 fpm (5m/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'	IB4	76926	17.0
2	Impact Bar, 5'	IB5	76927	21.2
3	Slider Bar, 4' (1.2M)	SB4	78789	20.0
3a	Slider Bar, 5' (1.5M)	SB5	78790	24.1
4	Impact Bar Bolt Kit incl. (1) ea 5/8" carriage bolt, square washer, flat washer, lock washer, Nylock nut	IBBK	76928	0.5
5	Impact Bar Support -H 4' incl. (1) bar support, (2) ea carriage bolt, square washer, lock washer, Nylock nut	IBS-H4	76933	16.6
6	Impact Bar Support -H 5' incl. (1) bar support, (2) ea carriage bolt, square washer, lock washer, Nylock nut	IBS-H5	76934	21.0
7	Sliding Support Arm Bolt Kit incl. (2) 2" bolts, (2) lock washers, (2) Nylock nuts	ISABK-LMH	77529	2.0
8	Isolation Mount Kit	IMK	76936	3.8
9	DRX1500 Shim Kit (incl. 8 shims)	SHIM-KITH	77550	27.2

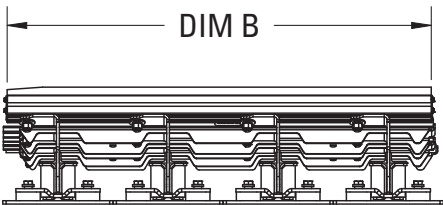
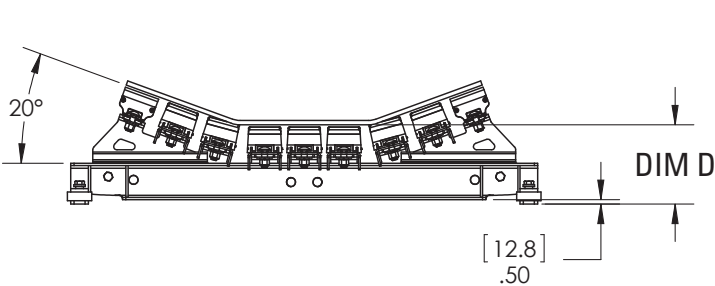
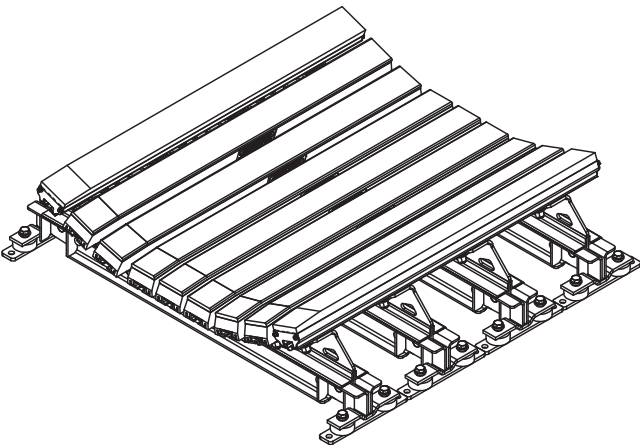
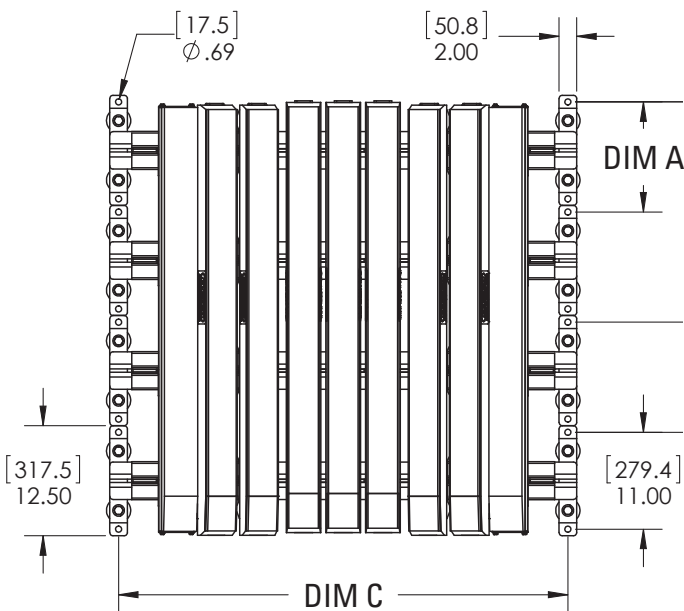
Lead time: 1 working day

Replacement Bars and Bolt Kits Required per Belt Width - DRX1500

in.	24	30	36	42	48	54	60	72
mm	600	750	900	1050	1200	1350	1500	1800
Slider Bars Required	2	2	2	2	2	2	2	4
Impact Bars Required	4	4	5	7	8	10	11	12
Impact Bar Supports Required	4	4	5	7	8	10	11	12
Impact Bar Bolt Kits Required	32	32	38	50	56	68	74	88

Specifications and Guidelines

DRX1500
Impact Beds



Bed Length 4' (1.2 M)				Bed Length 5' (1.5 M)									
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

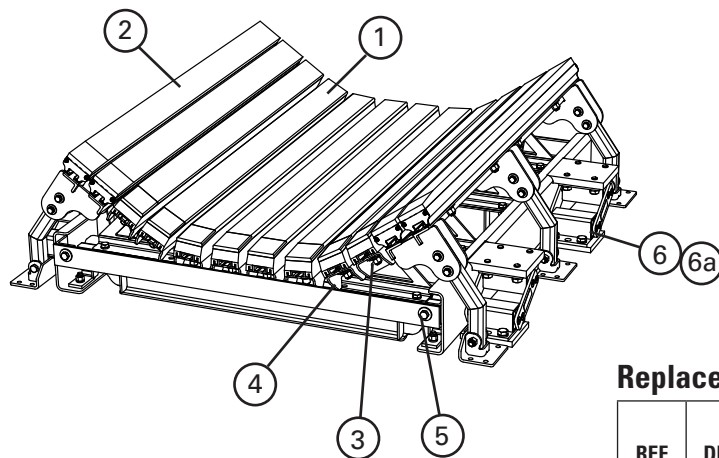
Product Ordering Information

DRX3000
Dynamic Beds

DRX3000 CEMA E construction

BELT WIDTH		TONNAGE RATING (ton/hr)	5' (1.5 M) BEDS, 20° TROUGH			5' (1.5 M) BEDS, 35° TROUGH		
in.	mm		ORDERING NUMBER	ITEM CODE	WT. LBS.	ORDERING NUMBER	ITEM CODE	WT. LBS.
42	1050	28,700	DRXD-42-520	76912	1,351.0	DRXD-42-535	76919	1,351.0
48	1200	31,900	DRXD-48-520	76913	1,407.0	DRXD-48-535	76920	1,407.0
54	1350	38,300	DRXD-54-520	76914	1,568.0	DRXD-54-535	76921	1,568.0
60	1500	41,500	DRXD-60-520	76915	1,676.0	DRXD-60-535	76922	1,676.0
72	1800	44,700	DRXD-72-520	76916	2,098.0	DRXD-72-535	76923	2,098.0
84	2100	51,100	DRXD-84-520	76917	2,261.0	DRXD-84-535	76924	2,261.0
96	2400	63,900	DRXD-96-520	76918	2,609.0	DRXD-96-535	76925	2,609.0

Lead time: 4 weeks



Replacement Parts

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	Impact Bar, 5' (1/2" 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" carriage bolt, square washer, flat washer, lock washer, Nylock nut	IBBK	76928	0.5
4	Impact Bar Support - D 5' 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" bolts, (2) 2" bolts, (6) lock washers, (6) Nylock nuts	ISABK	76935	2.0
6	Impact Energy Absorber 42-60	IEA-42-60	76937	42.0
6a	Impact Energy Absorber 72-96	IEA-72-96	76938	66.0

Lead time: 1 working day

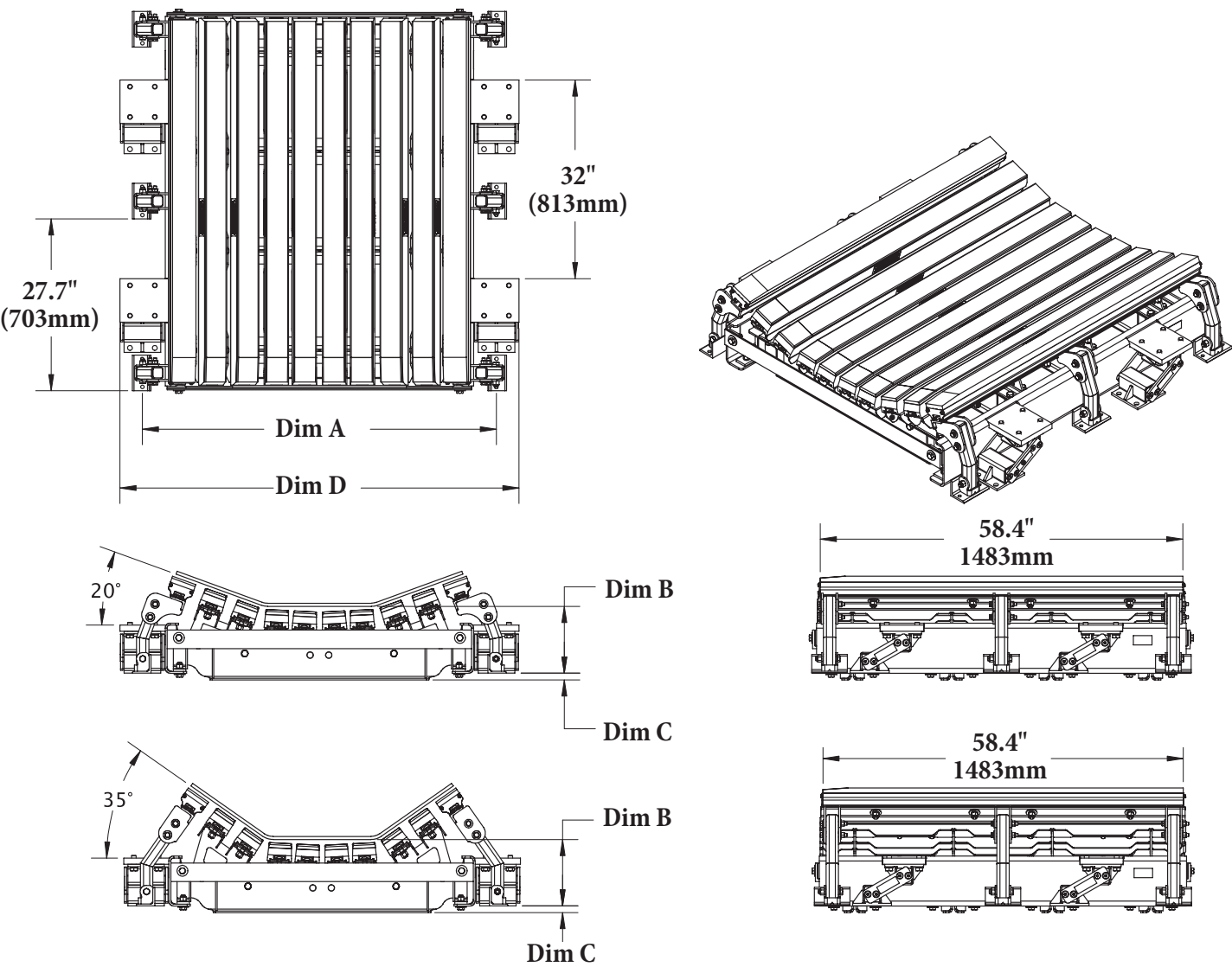
Replacement Bars and Bolt Kits Required per Belt Width - DRX3000

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

* Belt width + 9" = Structure width

Specifications and Guidelines

DRX3000
Dynamic Beds



Bed Width		Dim A		Dim B		Dim C		Dim D	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
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

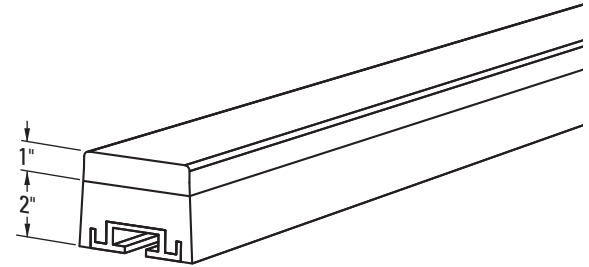
DRX™ Impact Beds Optional Parts and Tools

Impact Bars with 1" UHMW

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

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

Lead time: 1 working day



Impact Bar with 1" UHMW Cover

Impact Bar Bolt Kit for Other OEM Impact Beds*

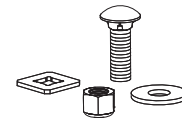
1/2" carriage bolt, square washer, flat washer and Nylock nut to mount DRX Impact Bars on other OEM beds that use 1/2" T-bolts.

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



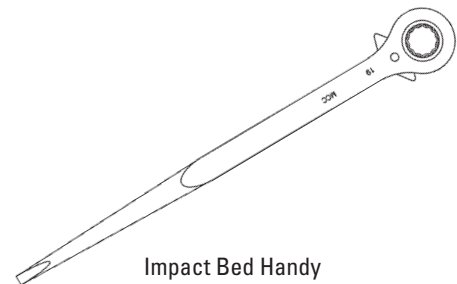
Optional Impact Bar Bolt Kit

Impact Bed Handy Wrench

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

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

Lead time: 1 working day



Impact Bed Handy Wrench

Selection Guidelines

Belt Tracking Products

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 - 1200mm).
PT Smart™	Medium-duty belts up to 1600 PIW max tension. Belt width 42" - 84" (1050 - 2100mm). Belt thickness 1" (25mm) maximum.
HD PTEZ™	Medium-duty belts up to 2400 PIW max tension. Belt widths + 9" (225mm) idler. Belt thickness 1" (25mm) maximum. Also works on reversing belts.
PT Max™	Heavy-duty belts up to 3000 PIW max. Generally 3/4" to 1" thick (19mm to 25mm) Belt width 24" - 60" (600 - 1500mm)
HD PT Max™	Heavy-duty belts up to 6000 PIW max tension. Belt width 54" - 84" (1350 - 2100mm)

Belt Positioner™



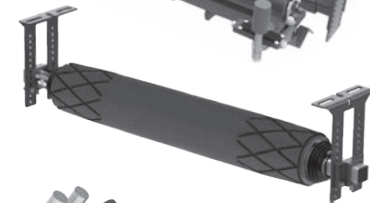
PTEZ™



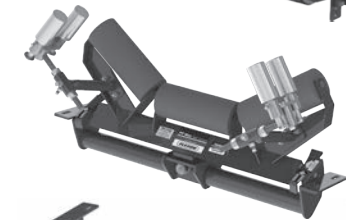
PT Smart™
Standard



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' (15 M)	20' (6 M)	20' (6 M)	20' (6 M)	50' (15 M)	50' (15 M)	50' (15 M)
Approx. "downstream" effect *Δ	50' (15 M)	100' – 120' (30 – 36 M)	100' – 120' (30 – 36 M)	120' – 150' (36 – 45 M)	150' – 200' (45 – 61 M)	150' – 200' (45 – 61 M)	150' – 200' (45 – 61 M)

‡ Installed on the clean side of the return belt

* Typical results; actual results may vary

Δ Disc idlers have the potential to reduce these numbers

Product Ordering Information

Belt Positioner™



Belt Positioners with Rubber Rollers

SIZE	BELT WIDTH (Min-Max)		POSITIONER WIDTH (Min-Max)		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm	in.	mm			
Small	18-24	450-600	24-34	600-850	RBP1R-S	90646	60.5
Medium	30-48	750-1200	34-56	850-1400	RBP1R-M	90647	73.5
Large	54-72	1350-1800	56-83	1400-2075	RBP1R-L	90648	94.0
Extra Large	72-96	1800-2400	72-120	1800-3000	RBP1R-XL	90649	182.0

Lead time: 1 working day

Belt Positioners with Steel Rollers

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

Lead time: 1 working day

Use next larger size for belt widths between ranges.

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

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

Product Notes:

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

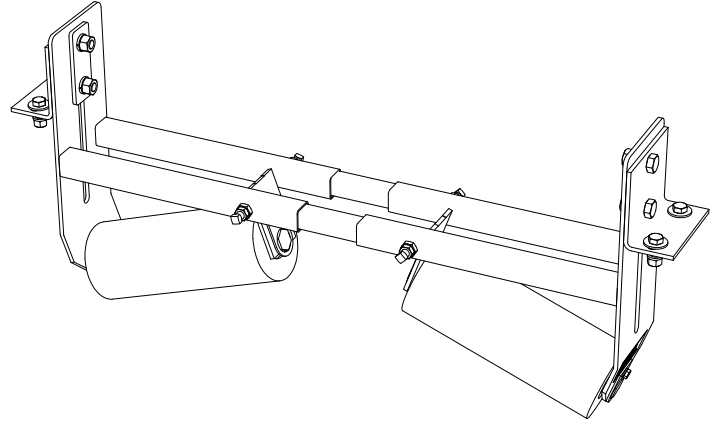
Specifications & Guidelines

Belt Positioner™

Belt Width Specifications

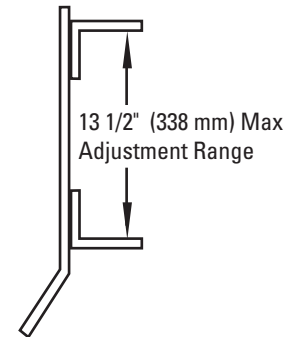
SIZE	BELT WIDTH (Min-Max)		POSITIONER WIDTH (Min-Max)	
	in.	mm	in.	mm
Small	18-24	450-600	24-34	600-850
Medium	30-48	750-1200	34-56	850-1400
Large	54-72	1350-1800	56-83	1400-2075
Extra Large	72-96	1800-2400	72-120	1800-3000

Use next larger size for belt widths between ranges.



Application Guidelines

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



Roller Specifications

SPECIFICATION	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 -20° to 104° C	-4° to 220° F -20° to 104° C
Grease & Chemical Resistance	Good	Good
Sticky Material Performance	Excellent	Good

Roller Dimensions

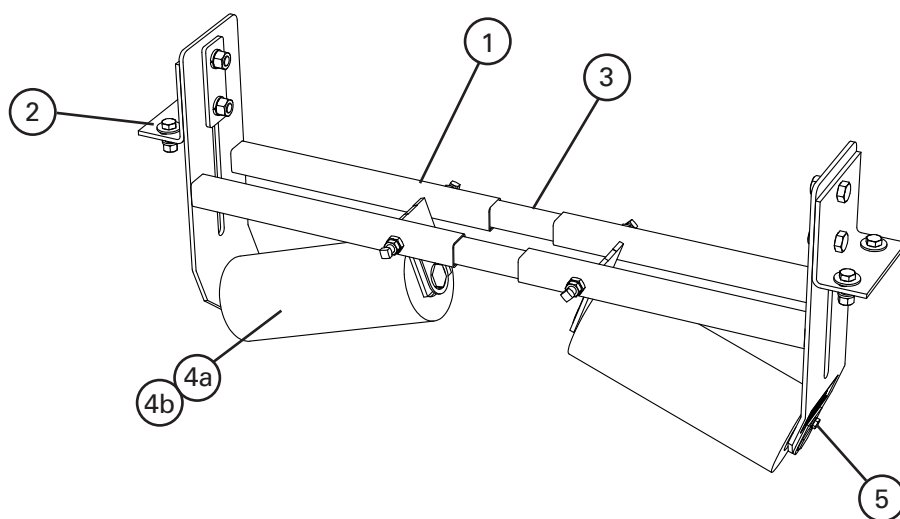
SIZE	LENGTH		DIAMETER	
	in.	mm	in.	mm
Small	9	225	5	125
Medium	13	325	5	125
Large	19	475	5	125
Extra Large	21	525	6	150

Product Notes:

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

Replacement Parts List

Belt Positioner™



Replacement Parts

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

* Hardware included

Lead time: 1 working day

Replacement Rollers

REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
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 *	RBPRET	73163	0.5

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

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

*Roller Retainer Kit not required for XL rollers (SDX style).

Lead time: 1 working day

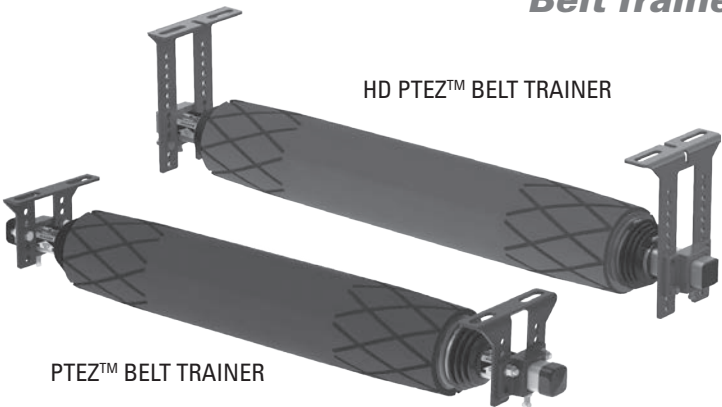
Product Ordering Information

PTEZ™
Belt Trainer

PTEZ™ Belt Trainer

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 Trainer

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™ UG Belt Trainer

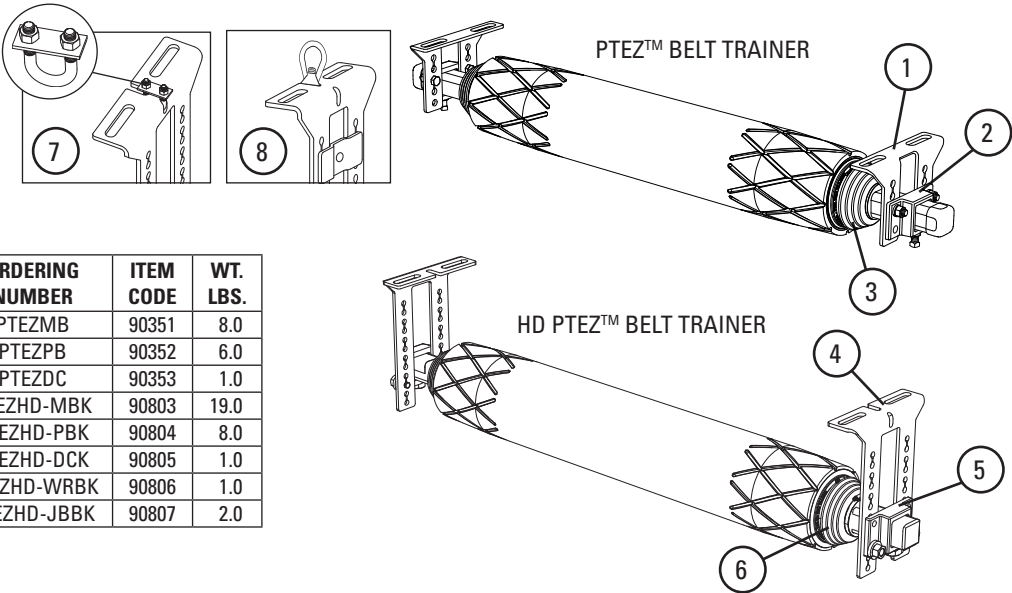
BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
in.	mm			
42	1050	PTEZHD-42/1050-UG	90798	230.0
48	1200	PTEZHD-48/1200-UG	90799	254.0
54	1350	PTEZHD-54/1350-UG	90800	279.0
60	1500	PTEZHD-60/1500-UG	90801	303.0
72	1800	PTEZHD-72/1800-UG	90802	351.0

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

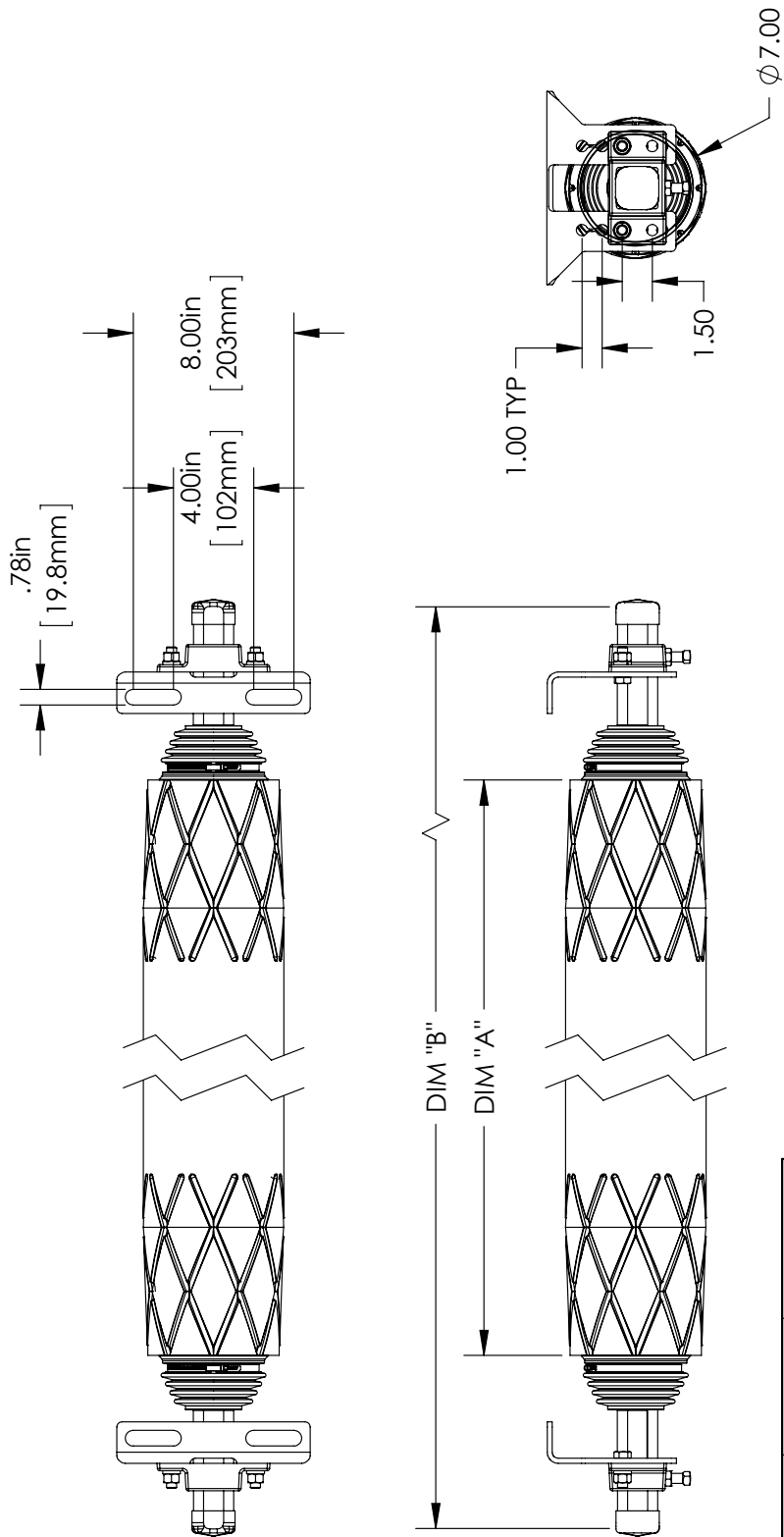
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	PTEZ Mounting Bracket Kit (2 ea.)	PTEZMB	90351	8.0
2	PTEZ Pole Bracket Kit (2 ea.)	PTEZPB	90352	6.0
3	PTEZ Dust Cover Kit (2 ea.)	PTEZDC	90353	1.0
4	PTEZ HD Mount Bracket Kit (2 ea.)	PTEZHD-MBK	90803	19.0
5	PTEZ HD Pole Bracket Kit (2 ea.)	PTEZHD-PBK	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

PTEZ™
Belt Trainer

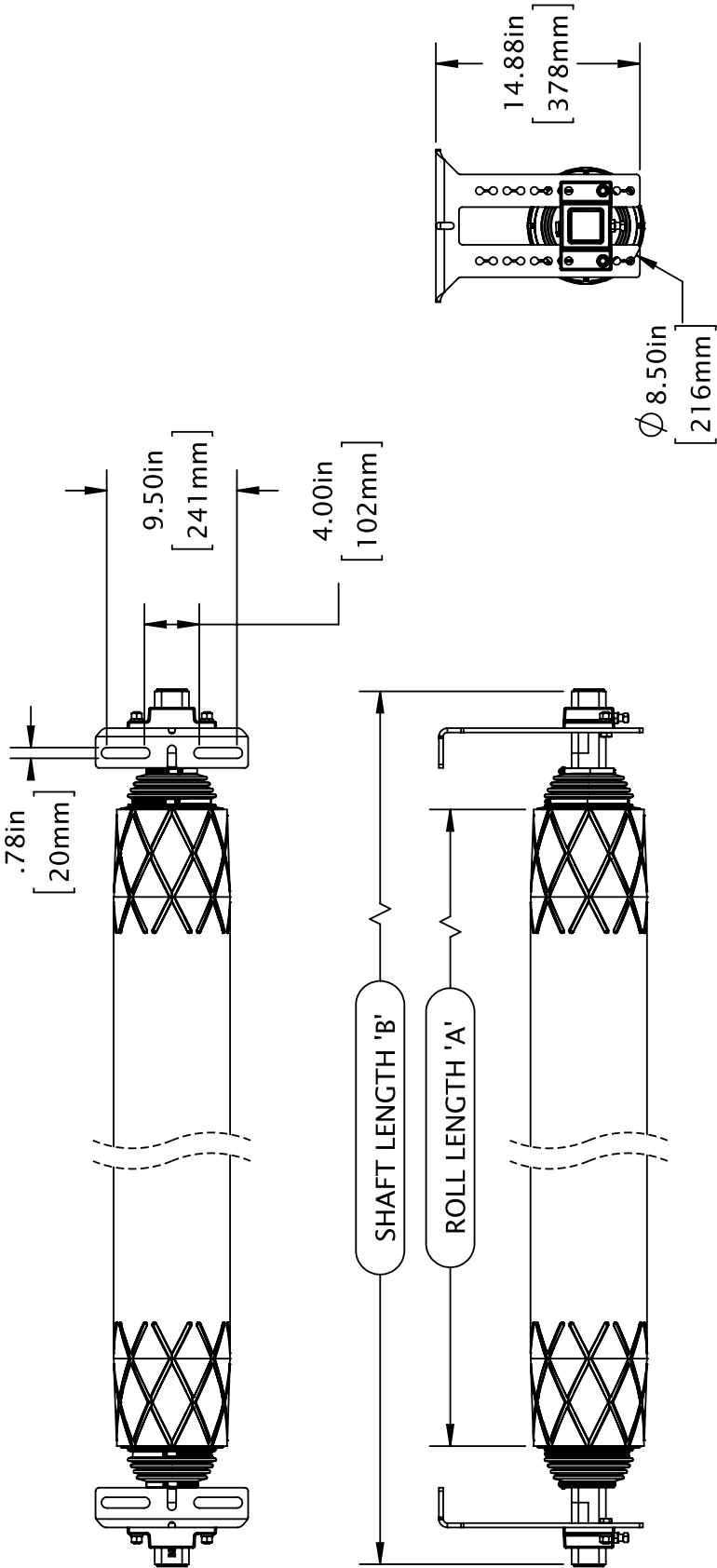


PART NUMBER	BELT WIDTH	DIM "A"	DIM "B"
90265	18"	18.75" [476mm]	36" [914mm]
90266	24"	24.75" [629mm]	42" [1067mm]
90267	30"	30.75" [781mm]	48" [1219mm]
90268	36"	36.75" [933mm]	54" [1372mm]
90269	42"	42.75" [1086mm]	60" [1524mm]
90270	48"	48.75" [1238mm]	66" [1676mm]

Specifications & Guidelines

HD PTEZ™
Belt Trainer

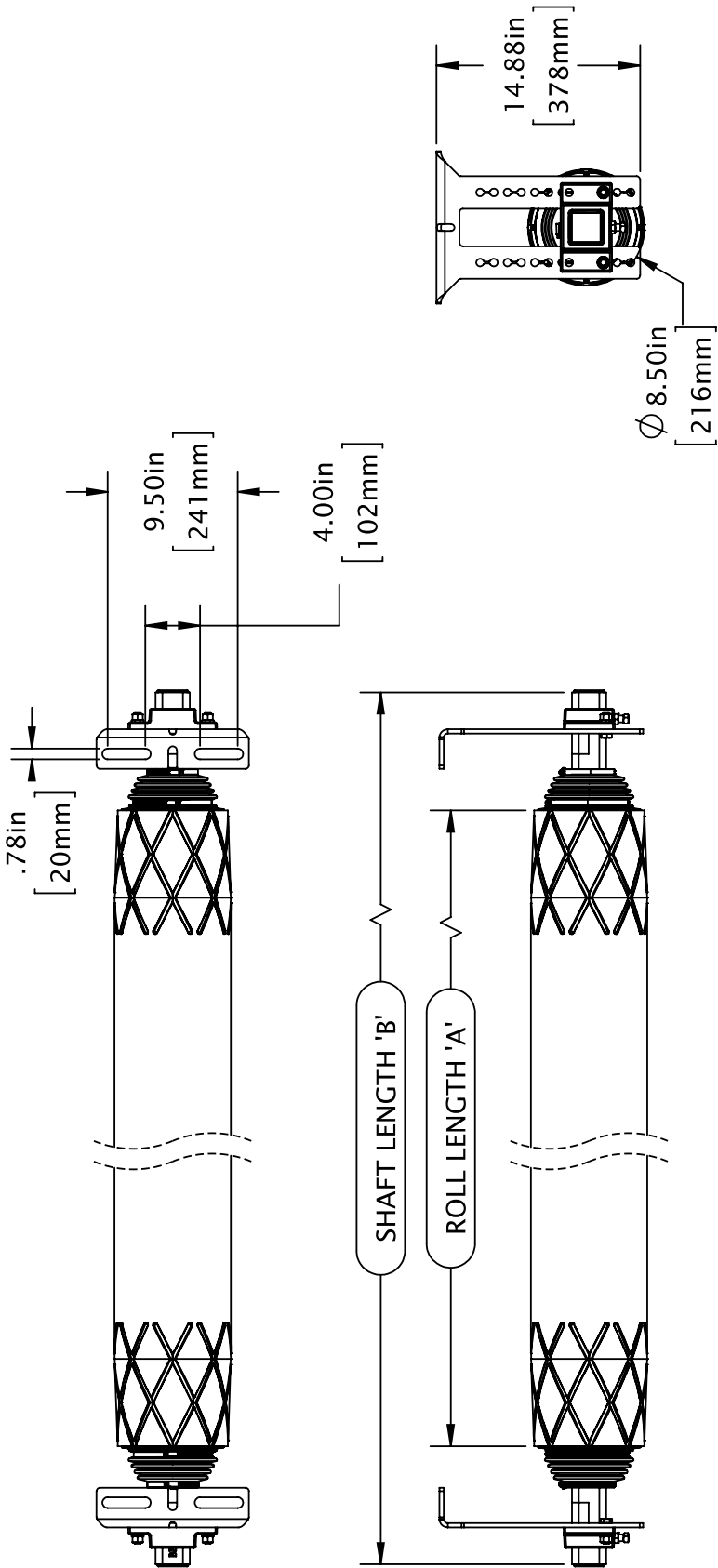
SPECIFICATIONS					
BELT WIDTH (in)	ROLL LENGTH 'A' (mm)	ROLL LENGTH 'A' (in)	SHAFT LENGTH 'B' (mm)	ORDER NUMBER	ITEM CODE
42	1050	42.75	1086	PTEZ HD-42	90616
48	1200	48.75	1238	PTEZ HD-48	90617
54	1350	54.75	1391	PTEZ HD-54	90618
56	1400	56.75	1441	PTEZ HD-56	90795
60	1500	60.75	1543	PTEZ HD-60	90619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



Specifications & Guidelines

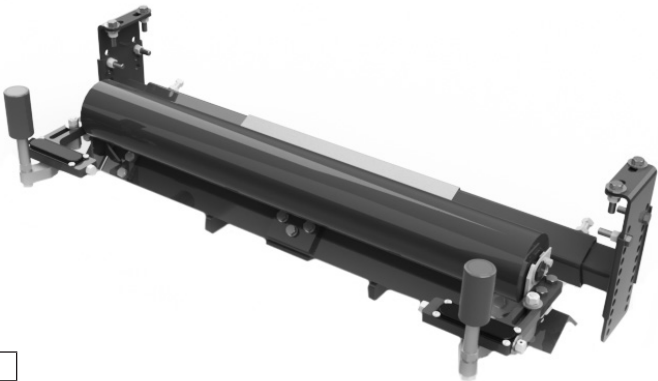
HD PTEZ™ Underground Belt Trainer

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



Product Ordering Information

PT Smart™
Belt Trainer



PT SMART™ STANDARD
BELT TRAINER
(Roller Included)

PT Smart™ Belt Trainer

BELT TRAINER COMPLETE					REPLACEMENT ROLLERS		
BELT WIDTH		ORDERING	ITEM	WT.	ORDERING	ITEM	WT.
in.	mm	NUMBER	CODE	LBS.	NUMBER	CODE	LBS.
18	450	PTS-18R	77664	121.0	PTS-RR21	77680	22.0
24	600	PTS-24R	77665	141.0	PTS-RR27	77681	27.0
30	750	PTS-30R	77666	154.0	PTS-RR33	77682	32.2
36	900	PTS-36R	77667	169.0	PTS-RR39	77683	36.0
42	1050	PTS-42R	77668	186.0	PTS-RR45	77684	41.5
48	1200	PTS-48R	77669	197.0	PTS-RR51	77685	45.0
54	1350	PTS-54R	77670	210.0	PTS-RR57	77686	47.5
60	1500	PTS-60R	77671	224.0	PTS-RR63	77687	53.0
72	1800	PTS-72R	77672	242.0	PTS-RR75	77689	57.0

Lead time: 1 working day



PT SMART™
UNDERGROUND STRUCTURE
BELT TRAINER
(Roller Included)

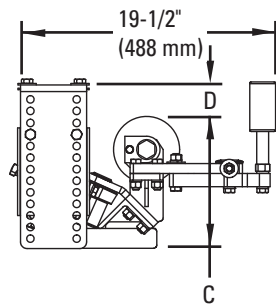
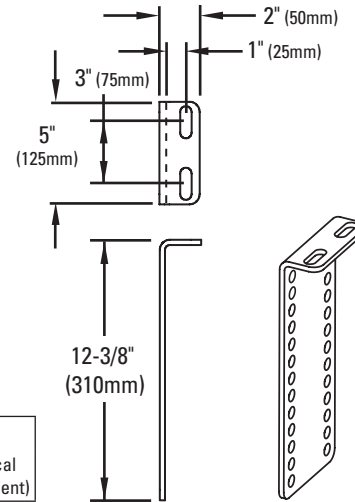
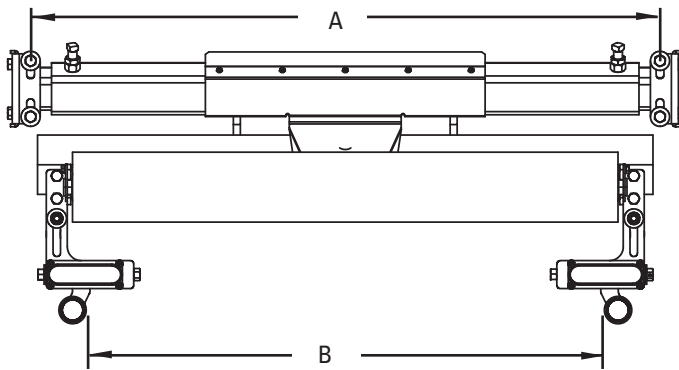
PT Smart™ Underground Structure Belt Trainer

BELT TRAINER COMPLETE					REPLACEMENT ROLLERS		
BELT WIDTH		ORDERING	ITEM	WT.	ORDERING	ITEM	WT.
in.	mm	NUMBER	CODE	LBS.	NUMBER	CODE	LBS.
30	750	PTS-30R-UG	77673	174.0	PTS-RR39	77683	36.0
36	900	PTS-36R-UG	77674	188.0	PTS-RR45	77684	41.5
42	1050	PTS-42R-UG	77675	196.0	PTS-RR51	77685	45.0
48	1200	PTS-48R-UG	77676	208.0	PTS-RR57	77686	47.5
54	1350	PTS-54R-UG	77677	220.0	PTS-RR63	77687	53.0
60	1500	PTS-60R-UG	77678	255.0	PTS-RR69	77688	57.0
72	1800	PTS-72R-UG	77679	265.0	PTS-RR81	77690	81.0

Lead time: 1 working day

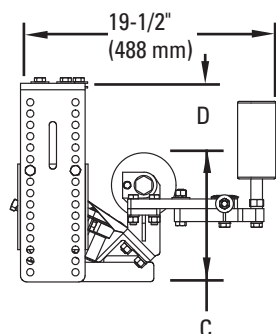
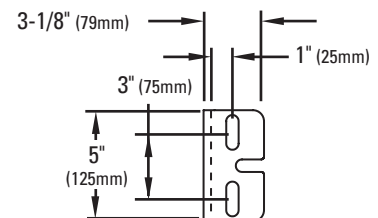
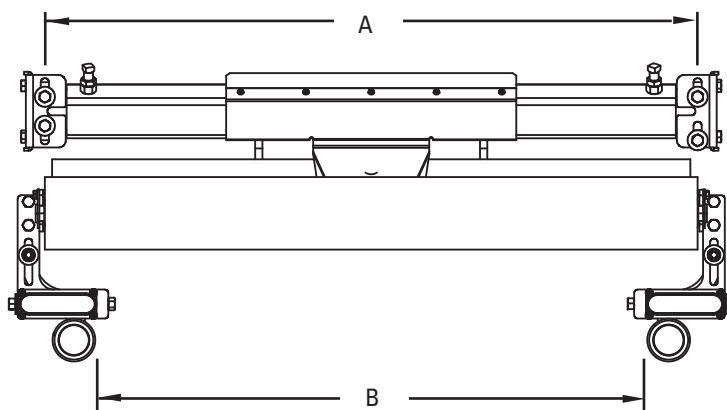
Specifications & Guidelines

PT Smart™ Belt Trainer



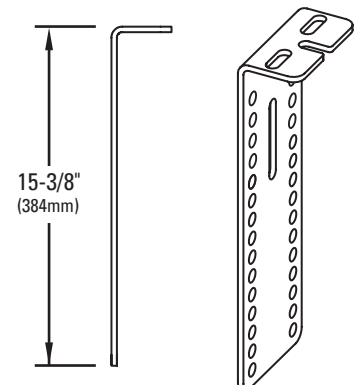
PT Smart Standard

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



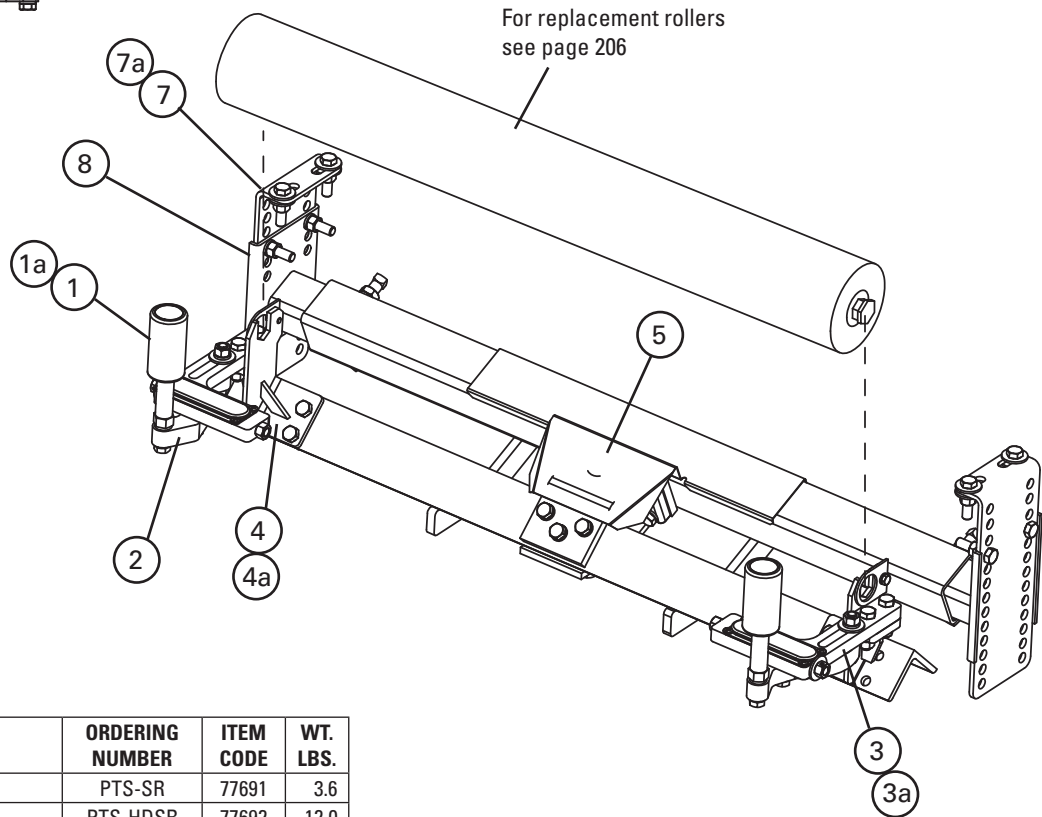
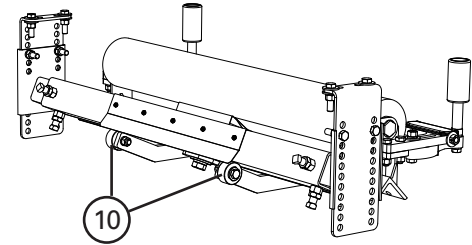
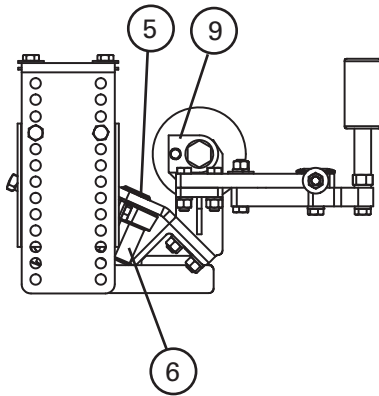
PT Smart Underground Structure

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



Replacement Parts List

PT Smart™
Belt Trainer



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
2	PTS Sensor Arm Kit (incl. 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 plus hardware)	PTS-DRK	90100	1.5
-	Wire Mount Kit (not pictured)	PTS-WMK	78767	11.5

*Hardware included

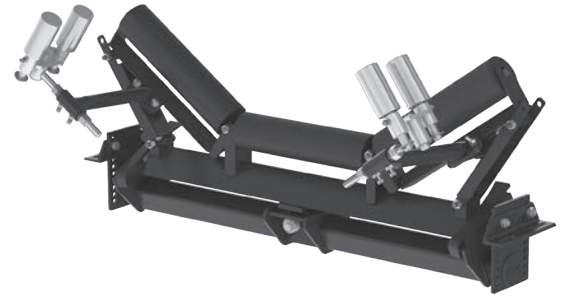
Lead time: 1 working day

Product Ordering Information

PT Max™ Adjustable Belt Trainer

PT Max™ Adjustable Top Side

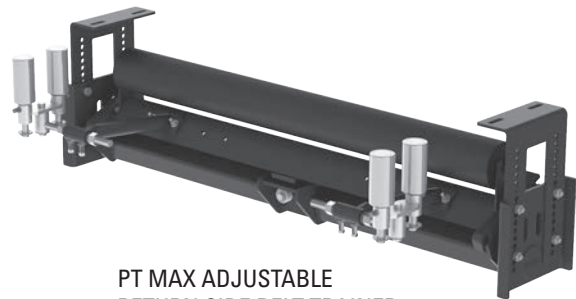
VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Standard	36	900	PTMA36T	90362	355.0
	42	1050	PTMA42T	90363	375.0
	48	1200	PTMA48T	90364	405.0
	54	1350	PTMA54T	90365	425.0
	60	1500	PTMA60T	90366	445.0
Heavy-Duty	54	1350	PTMAHD54T	90377	505.0
	60	1500	PTMAHD60T	90378	530.0
	72	1800	PTMAHD72T	90379	610.0
	84	2100	PTMAHD84T	90380	670.0



PT MAX™ ADJUSTABLE
TOP SIDE BELT TRAINER

PT Max Adjustable Return Side

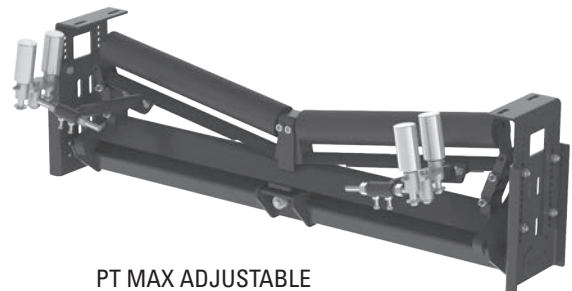
VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Standard	36	900	PTMA36R	90367	340.0
	42	1050	PTMA42R	90368	375.0
	48	1200	PTMA48R	90369	395.0
	54	1350	PTMA54R	90370	415.0
	60	1500	PTMA60R	90371	430.0
Heavy-Duty	54	1350	PTMAHD54R	90381	520.0
	60	1500	PTMAHD60R	90382	540.0
	72	1800	PTMAHD72R	90383	615.0
	84	2100	PTMAHD84R	90384	665.0



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



PT MAX ADJUSTABLE
V-RETURN BELT TRAINER

	Lead time: 1 working day
	Lead time: 15 working days

Product Ordering Information

PT Max™ Belt Trainer (Mild Steel)

PT Max™ Top Side

VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. 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	1022.9



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	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	1051.1
	96	2400	PTMSD96R	74911	1109.5
	120	3000	PTMSD120R	74912	1226.3



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	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	1045.0
	120	3000	PTMSD120VR	90054	1155.0



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

All items are made to order.

 Lead time: 15 working days (after data sheets are approved)

 Lead time: 25 working days (after data sheets are approved)

Product Ordering Information

Stainless Steel PT Max™ Belt Trainer

PT Max™ Top Side

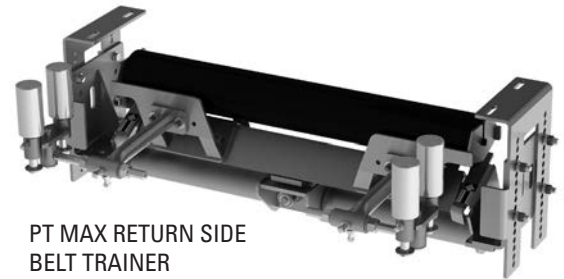
VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Standard	24	600	PTM24T-S/S	90001	302.4
	30	750	PTM30T-S/S	90002	318.6
	36	900	PTM36T-S/S	90003	334.8
	42	1050	PTM42T-S/S	90004	351.0
	48	1200	PTM48T-S/S	90005	367.2
	54	1350	PTM54T-S/S	90006	383.4
Heavy-Duty	60	1500	PTM60T-S/S	90007	399.6
	54	1350	PTMHD54T-S/S	90008	421.2
	60	1500	PTMHD60T-S/S	90009	442.8
	72	1800	PTMHD72T-S/S	90010	464.4
Super-Duty	84	2100	PTMHD84T-S/S	90011	486.0
	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	1104.8



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

PT Max Return Side

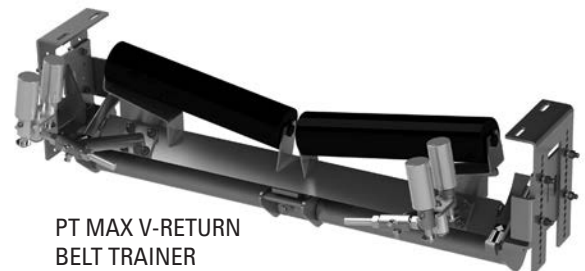
VERSION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Standard	24	600	PTM24R-S/S	90012	356.4
	30	750	PTM30R-S/S	90013	367.2
	36	900	PTM36R-S/S	90014	378.0
	42	1050	PTM42R-S/S	90015	399.6
	48	1200	PTM48R-S/S	90016	410.4
	54	1350	PTM54R-S/S	90017	432.0
Heavy-Duty	60	1500	PTM60R-S/S	90018	453.6
	54	1350	PTMHD54R-S/S	90019	550.8
	60	1500	PTMHD60R-S/S	90020	561.6
	72	1800	PTMHD72R-S/S	90021	626.4
Super-Duty	84	2100	PTMHD84R-S/S	90022	658.8
	72	1800	PTMSD72R-S/S	90038	1072.1
	84	2100	PTMSD84R-S/S	90039	1135.2
	96	2400	PTMSD96R-S/S	90040	1198.3
	120	3000	PTMSD120R-S/S	90041	1324.4



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
Heavy-Duty	60	1500	PTM60VR-S/S	90029	421.2
	54	1350	PTMHD54VR-S/S	90030	507.6
	60	1500	PTMHD60VR-S/S	90031	518.4
	72	1800	PTMHD72VR-S/S	90032	604.8
Super-Duty	84	2100	PTMHD84VR-S/S	90033	648.0
	72	1800	PTMSD72VR-S/S	90042	1009.8
	84	2100	PTMSD84VR-S/S	90043	1069.2
	96	2400	PTMSD96VR-S/S	90044	1128.6
	120	3000	PTMSD120VR-S/S	90045	1247.4



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

All items are made to order.

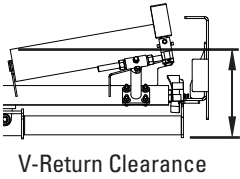
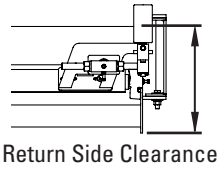
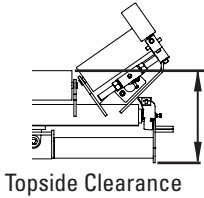
Lead time: 25 working days (after data sheets are approved)

Specifications & Guidelines

PT Max™
Belt Trainer

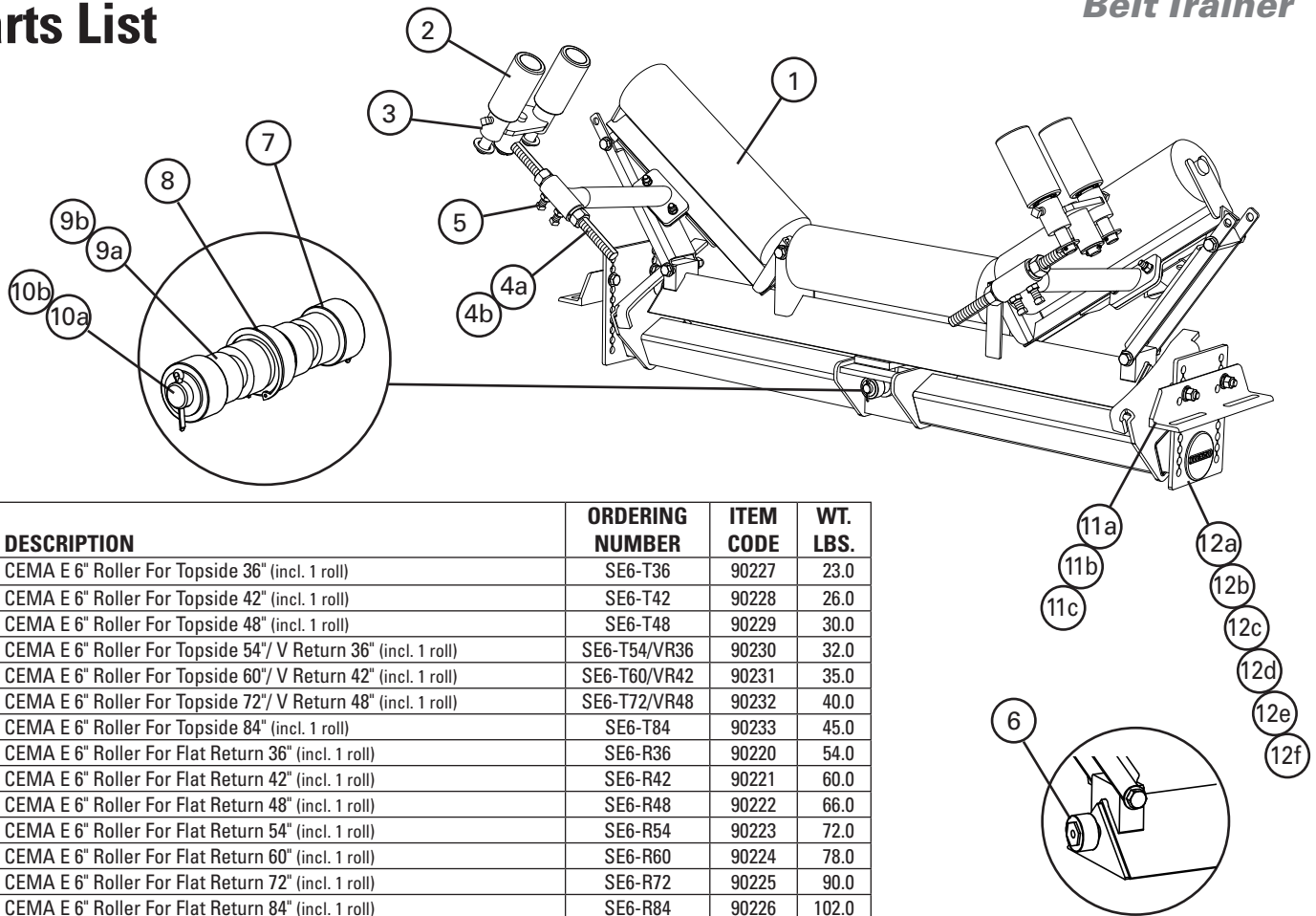
Top of Roller to Bottom of PT Max™ Minimum Clearance Needed

ROLL DIAMETER		TOPSIDE						RETURN SIDE						V-RETURN					
		Standard		Heavy-Duty		Super-Duty		Standard		Heavy-Duty		Super-Duty		Standard		Heavy-Duty		Super-Duty	
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



Replacement Parts List

PT Max™ Adjustable Belt Trainer



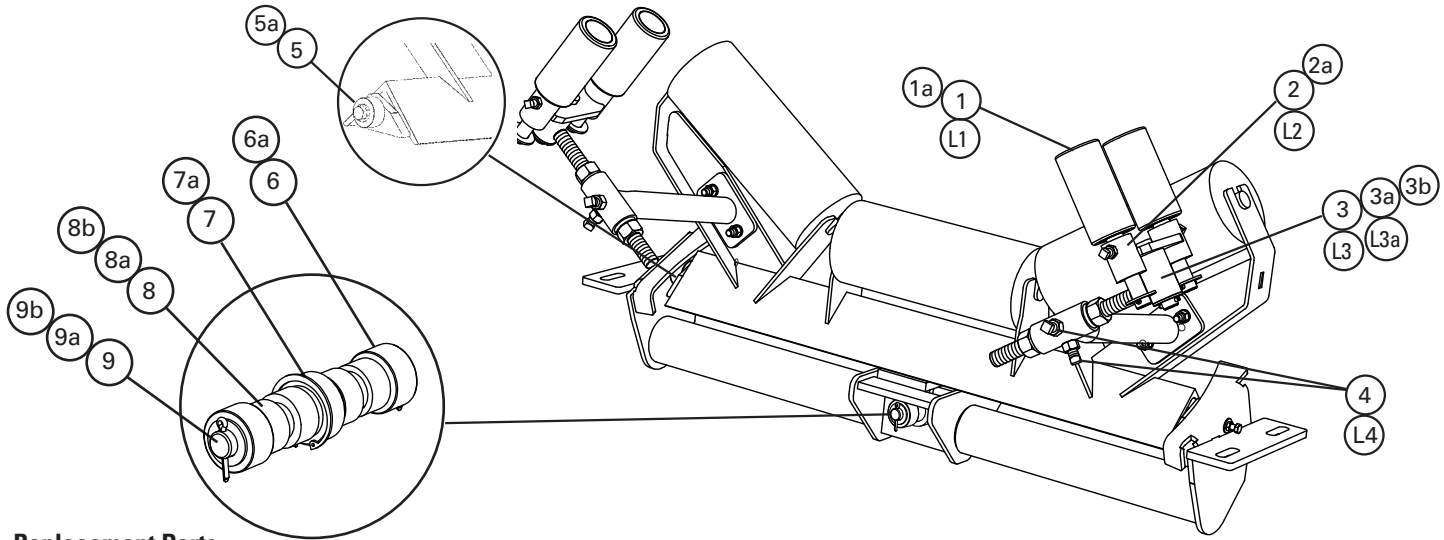
REF	DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
1	CEMA E 6" Roller For Topside 36" (incl. 1 roll)	SE6-T36	90227	23.0
	CEMA E 6" Roller For Topside 42" (incl. 1 roll)	SE6-T42	90228	26.0
	CEMA E 6" Roller For Topside 48" (incl. 1 roll)	SE6-T48	90229	30.0
	CEMA E 6" Roller For Topside 54"/ V Return 36" (incl. 1 roll)	SE6-T54/VR36	90230	32.0
	CEMA E 6" Roller For Topside 60"/ V Return 42" (incl. 1 roll)	SE6-T60/VR42	90231	35.0
	CEMA E 6" Roller For Topside 72"/ V Return 48" (incl. 1 roll)	SE6-T72/VR48	90232	40.0
	CEMA E 6" Roller For Topside 84" (incl. 1 roll)	SE6-T84	90233	45.0
	CEMA E 6" Roller For Flat Return 36" (incl. 1 roll)	SE6-R36	90220	54.0
	CEMA E 6" Roller For Flat Return 42" (incl. 1 roll)	SE6-R42	90221	60.0
	CEMA E 6" Roller For Flat Return 48" (incl. 1 roll)	SE6-R48	90222	66.0
	CEMA E 6" Roller For Flat Return 54" (incl. 1 roll)	SE6-R54	90223	72.0
	CEMA E 6" Roller For Flat Return 60" (incl. 1 roll)	SE6-R60	90224	78.0
	CEMA E 6" Roller For Flat Return 72" (incl. 1 roll)	SE6-R72	90225	90.0
	CEMA E 6" Roller For Flat Return 84" (incl. 1 roll)	SE6-R84	90226	102.0
	CEMA E 6" Roller For V Return 54" (incl. 1 roll)	SE6-VR54	90234	43.0
	CEMA E 6" Roller For V Return 60" (incl. 1 roll)	SE6-VR60	90235	47.0
	CEMA E 6" Roller For V Return 72" (incl. 1 roll)	SE6-VR72	90236	54.0
	CEMA E 6" Roller For V Return 84" (incl. 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 Heavy Duty	PTMAAKHD	90195	9.0
5	Frame Arm Screw Kit (incl. 4 screws and 4 jam nuts)	PTMAFASK	90196	1.2
6	Outer Roller Kit (incl. 2 rollers, roller thimbles, and bolts, nuts, and washers)	PTMAORK	90197	1.0
7	Center Roller Kit (incl. 2 rollers, 2 washers, and 2 cotter pins)	MCRK	74923	1.2
8	Center Bearing	MCB	74925	1.7
9a	Center Shaft Spacer Kit (incl. 2 spacers)	MCSK	74927	0.3
9b	Center Shaft Spacer Kit Heavy Duty (incl. 2 spacers)	MCSKHD	74928	0.5
10a	Center Shaft	MCS	74930	4.0
10b	Center Shaft Heavy Duty	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 Heavy Duty	PTMAFMKHDR	90187	49.4
12a	Extender Kit Topside	PTMAEKT	90188	33.9
12b	Extender Kit Topside Heavy Duty	PTMAEKHDT	90191	49.9
12c	Extender Kit Flat Return	PTMAEKR	90189	57.1
12d	Extender Kit Flat Return Heavy Duty	PTMAEKHDR	90192	86.4
12e	Extender Kit V Return	PTMAEKVR	90190	76.0
12f	Extender Kit V Return Heavy Duty	PTMAEKHDVR	90193	112.1
-	Center Bearing Kit (incl. 1 ea. Items 7, 8, 9a, and 10a)	MCBK	76025	8.0
-	Center Bearing Kit Heavy Duty (incl. 1 ea. Items 7, 8, 9b, and 10b)	MCBKHD	76026	17.0

*Hardware included

Lead time: 1 working day

Replacement Parts List

PT Max™
Belt Trainer (Mild Steel)



Replacement Parts

REF	DESCRIPTION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
		in.	mm			
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	76027	19.0

For PT Max Units Shipped after March 17, 2014 ONLY. See below for legacy replacement parts.

*Hardware included Shaded items are made to order.

Lead time: 1 working day

Lead time: 15 working days

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

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

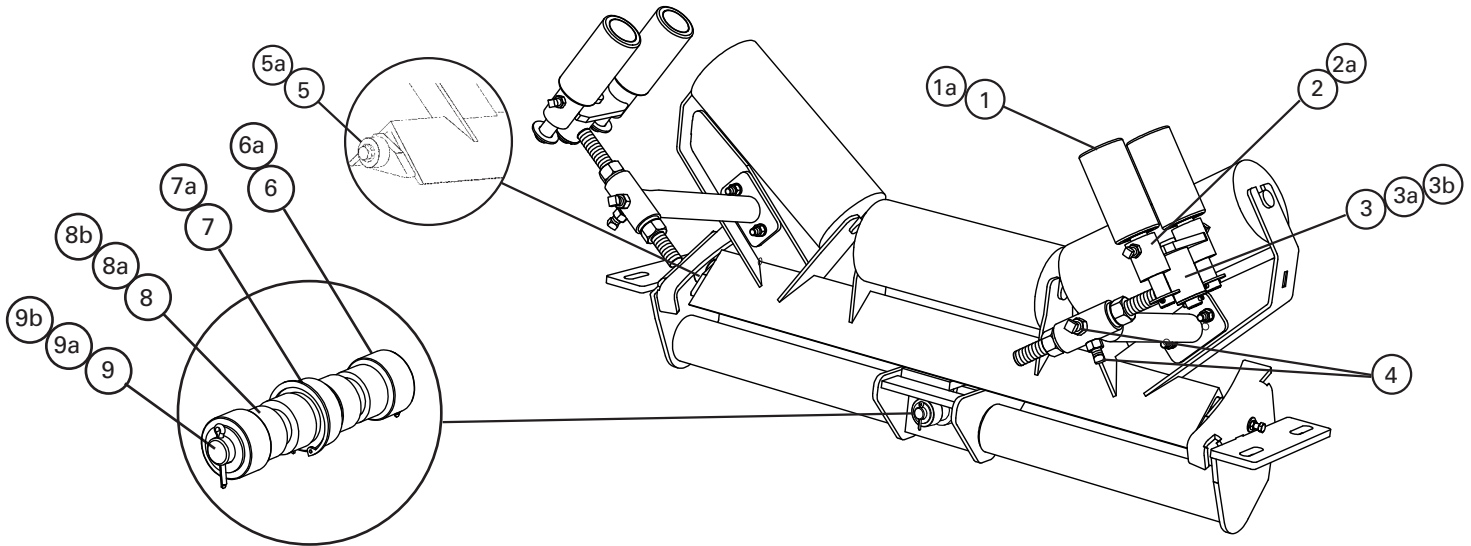
REF	DESCRIPTION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
		in.	mm			
L1	Sensor Roller* (3" solid roller) (1 ea.)	30-84	750-2100	MSR	74914	7.0
L2	Swivel Mount Kit*	30-84	750-2100	PMSMK	74916	5.5
L3	Adjusting Arm Kit*	30-60	750-1500	MAK	74918	7.9
L3a	HD Adjusting Arm Kit*	54-84	1350-2100	MAKHD	74919	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

Stainless Steel PT Max™ Belt Trainer



Replacement Parts

REF	DESCRIPTION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
		in.	mm			
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	76027	19.0

*Hardware included

Shaded items are made to order.

Lead time: 1 working day

Lead time: 15 working days

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

Product Ordering Information

Standard Urethane Skirting

Standard Urethane Skirting with 35° Chamfer - 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

Price Per Inch for reference only; skirting is available standard in 25' (15.2M) lengths.

Shaded items are made to order; 1-2 week lead time



Standard Urethane Skirting 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

Price Per Inch for reference only; skirting is available standard in 25' (15.2M) lengths.

Shaded items are made to order; 1-2 week lead time

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' (7.6M) 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°F to 180°F (-30°C to 82°C).

Product Ordering Information

RMC1 Skirt Clamps

RMC1 Skirt Clamps*

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

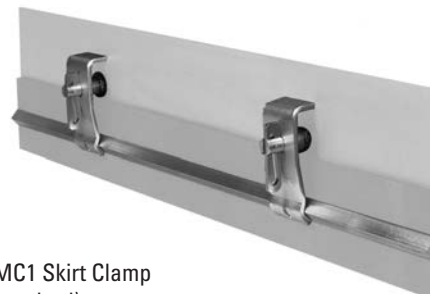
*Includes two clamp plates (Standard or LS - Limited Space), two clamp pins, and one 4' (1.2M) clamp bar.

† Minimum order of 50 pieces for Bulk Pack pricing.

Skirt board and rubber not included.

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

Lead time: 1 working day



RMC1 Skirt Clamp (Standard)



Anti-Vibration Clamp Pins

PAL PAKs

The Pick-A-Length (PAL) PAK contains 2 clamp plates and 2 clamp pins.

You supply the clamp bar (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

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

Lead time: 1 working day



PAL PAK (Standard)

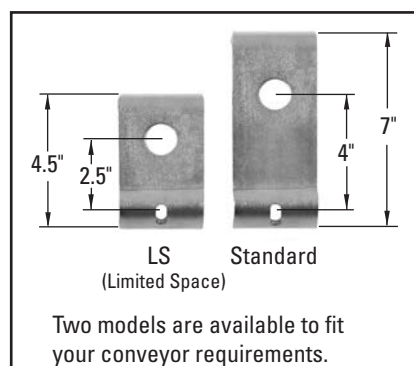


Bolt-On PAL PAK (Standard)

Replacement Parts

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

Lead time: 1 working day



Product Notes:

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

Product Ordering Information

Flex-Lok™
Skirt Clamps

Flex-Lok™ Skirt Clamp

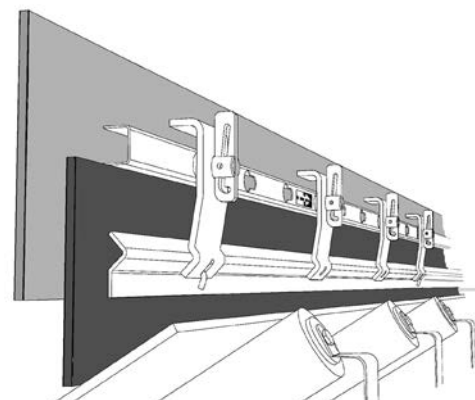
One Skirt Clamp includes one 6' (1.8M) clamp runner, 4 clamp plates, 4 clamp pins and one 6' (1.8M) restraining bar.
Skirt board and rubber not included.

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

‡ Minimum order of 50 pieces for Bulk Pack pricing.

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

Lead time: 1 working day



Standard

Mini Flex-Lok™ Skirt Clamp

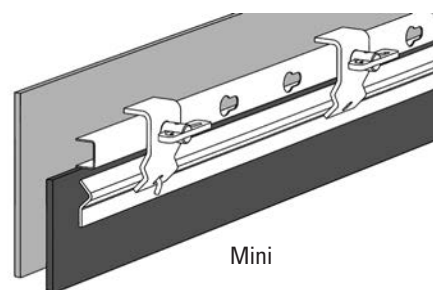
One Mini Skirt Clamp includes one 6' (1.8M) clamp runner, 3 mini clamp plates, 3 clamp pins and one 6' (1.8M) restraining bar. Skirt board and rubber not included.

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

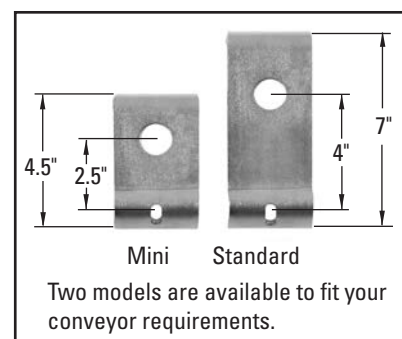
‡ Minimum order of 50 pieces for Bulk Pack pricing.

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

Lead time: 1 working day



Mini



Stainless Steel* Flex-Lok™ Skirt Clamp

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

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

Lead time: 1 working day

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



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" (6mm) or if excessive fines are escaping, readjust the skirt rubber.
- Adjustment - Unlock the wedges on the clamp pins and slide the skirt rubber down to the belt. Relock the clamp pins.

TROUBLESHOOTING

Problem: Skirt rubber slips out of skirt clamp.

Solution: 1. Check to insure wedges in clamp pins are locked.

2. Check skirt rubber position. Skirt rubber must not fold and lie on top of belt.

Product Ordering Information

Flex-Seal™ Skirt System

Flex-Seal™ Skirt System*

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Flex-Seal Skirt System	RMC2-FS1	76558	29.5
Flex-Seal Skirt System Bulk ‡	RMC2	77330	29.5

‡ Minimum order of 50 pieces for Bulk Pack pricing.

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

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

Lead time: 1 working day



Replacement Parts

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

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

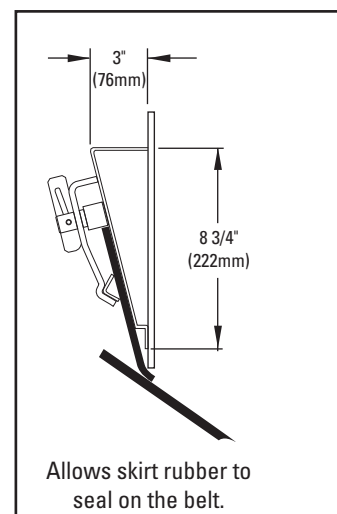
Lead time: 1 working day



Bolt-On PAL PAK

Specifications

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



Product Notes:

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

Product Ordering Information

Flexco® Belt Maintenance Tools Belt Lifters



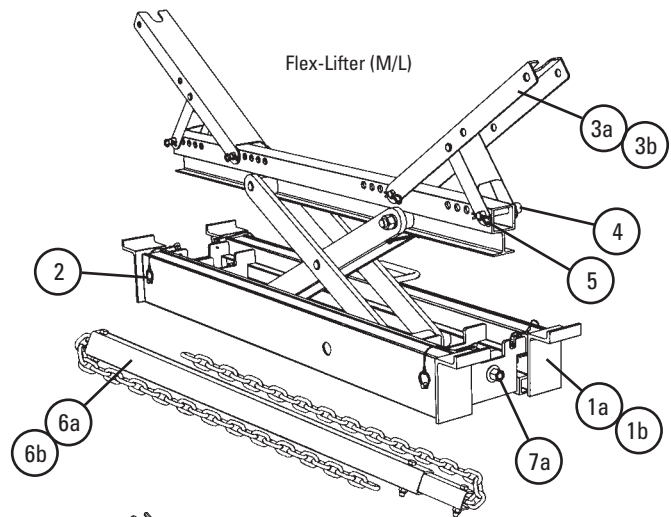
Flex-Lifter™ Conveyor Belt Lifter

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

DESCRIPTION	ORDERING NUMBER	ITEM CODE	WT. LBS.
Medium Flex-Lifter 36" - 60" (900 - 1500 mm) incl. return bar	FL-M-SP	76981	87.0
Large Flex-Lifter 48" - 72" (1200 - 1800 mm) incl. return bar	FL-L-SP	76982	121.0
XL Flex-Lifter 72" - 96" (1800 - 2400 mm) does not incl. return bar	FL-XL-SP	77386	128.0
Flex-Lifter Cart	FLCK	77729	20.0

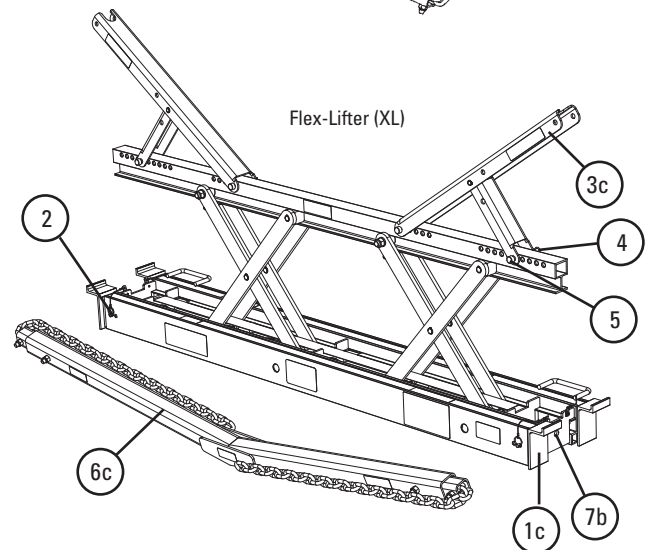
Lifts troughed or flat belts.

Lead time: 1 working day



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 (includes 2 ext. legs)	FLELK-XL	76986	13.0
2	Extension Leg Pin (with lanyard)	FLELP	76474	0.1
3a	Trough Wing - Medium (with brace)	FTW-M-SP	77408	1.2
3b	Trough Wing - Large (with brace)	FTW-L-SP	77409	1.5
3c	Trough Wing - XL (with brace)	FTW-XL-SP	77410	4.2
4	Retainer Pin Pack (includes 4 pins)	FLRP	76478	1.0
5	Retainer Clip Pack (includes 4 clips)	FLCP	76479	0.1
6a	Return Lift Bar - Medium	FLRLB-M-SP	77405	18.4
6b	Return Lift Bar - Large	FLRLB-L-SP	77406	40.0
6c	V-Return Lift Bar - XL	FLVRL-XL-SP	77407	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

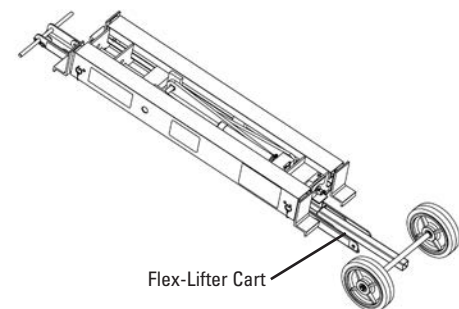


Safe Lifting Capacity

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

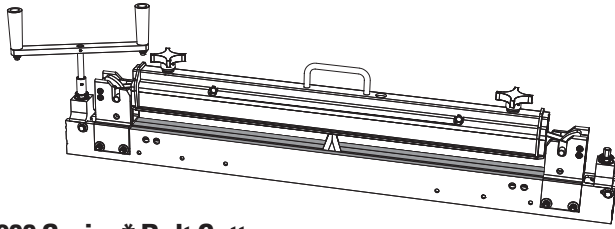
ALUMINUM ALLOY TYPE	PERCENT	
	Mg Magnesium	Ti Titanium
4043	0.05%	0.2%
5356	5.5%	0.2%
6005	0.6%	0.1%
6061	1.0%	0.0%
6063	0.7%	0.0%
7075	2.5%	0.0%



U.S. Patent No. 7,810,788

Product Ordering Information

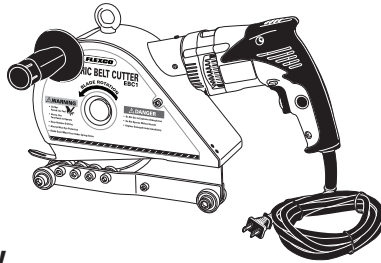
Flexco® Belt Maintenance Tools Belt Cutters and Clamps



900 Series* Belt Cutter

DESCRIPTION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
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
* Patent Pending	84	2130	900984	04147	86.0
Replacement Blade Kit			900CBK	04149	0.15
Drive Handle Assembly				04140	2.0

Lead time: 1 working day



Cutting Capacity

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

Far-Pul® HD® Belt Clamps

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

DESCRIPTION	BELT WIDTH		ORDERING NUMBER	ITEM CODE	WT. LBS.
	in.	mm			
Belt Clamp Complete includes: 4 Belt Clamp Bars and 4 Belt Clamp Scissors	Up to 30	Up to 750	LSHD30	30393	79.0
	Up to 36	Up to 900	LSHD36	30394	87.0
	Up to 42	Up to 1050	LSHD42	30395	91.0
	Up to 48	Up to 1200	LSHD48	30396	98.0
	Up to 54	Up to 1350	LSHD54	30397	103.0
	Up to 60	Up to 1500	LSHD60	30398	110.0
	Up to 72	Up to 1800	LSHD72	30399	121.0
30" Belt Clamp Bar Set*	Up to 30	Up to 750	LSHDB30-2	30418	20.0
36" Belt Clamp Bar Set*	Up to 36	Up to 900	LSHDB36-2	30414	23.0
42" Belt Clamp Bar Set*	Up to 42	Up to 1050	LSHDB42-2	30421	26.0
48" Belt Clamp Bar Set*	Up to 48	Up to 1200	LSHDB48-2	30423	30.0
54" Belt Clamp Bar Set*	Up to 54	Up to 1350	LSHDB54-2	30424	33.0
60" Belt Clamp Bar Set*	Up to 60	Up to 1500	LSHDB60-2	30430	36.0
72" Belt Clamp Bar Set*	Up to 72	Up to 1800	LSHDB72-2	30408	40.0
Steel Belt Clamp Scissor - Each			LSHDS	30392	10.5
Belt Locator Pin - includes Washer and Locking Nut			LSHDLP	30400	.15
Retaining Pin Kit			LSHD-RPK	30390	2.0
Clamp Bar Screw			LSHDCBS	30373	1.0

*Includes 2 Bars per Set
Lead time: 1 working day

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

Aluminum Content 900 Series Belt Cutter

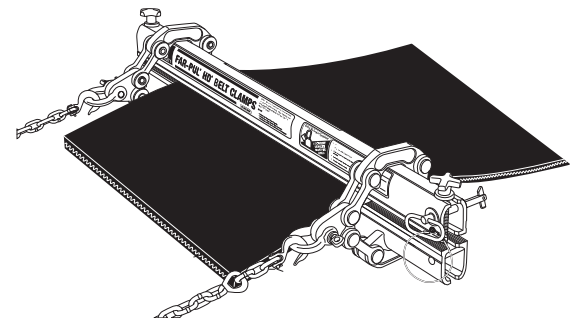
ALUMINUM ALLOY TYPE	PERCENT	
	Mg Magnesium	Ti Titanium
6005	0.6%	0.1%
6061	1.0%	0.0%
7075	2.5%	0.0%

Electric Belt Cutter

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

Cordless Electric Belt Cutter

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



Aluminum Content Far-Pul® HD®

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

Product Ordering Information

Flex-Lag® Rubber Pulley Lagging

Flex-Lag® Light Duty Rubber**

PATTERN	THICKNESS		LENGTH		MATERIAL	ORDERING NUMBER	ITEM CODE
	in.	mm	ft.	m			
Light Duty	.3	7.5	11	3.3	SBR	7.5NLD3.3/11	71077
Light Duty	.3	7.5	11	3.3	Nitrile	7.5WLD3.3/11	71076

Strips = Pulley Diameter (in) x 3.14 ÷ 8,
then round up.

Rolls = $\frac{\text{Strips} \times (\text{Face Width} + 4")}{A \text{ or } B}$

A = Light Duty = 132"; B = All Others = 252"

Flex-Lag® Roll Lagging - SBR Rubber**

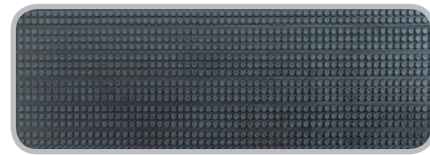
PATTERN	THICKNESS		LENGTH		ORDERING NUMBER	ITEM CODE
	in.	mm	ft.	m		
Diamond	3/8	10	21	6.5	10ND6.5/21	71002
Diamond	1/2	12	21	6.5	12ND6.5/21	71004
Diamond	5/8	15	21	6.5	15ND6.5/21	71006
Diamond	3/4	20	21	6.5	20ND6.5/21	71008
Diamond	1	25	21	6.5	25ND6.5/21	71152
Plain	3/8	10	21	6.5	10NP6.5/21	71010
Plain	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

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

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

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

Light Duty Lagging



Diamond Ceramic Lagging



Diamond Grooved Lagging



Plain Grooved Lagging



Flex-Lag® Roll Lagging - FRAS Rubber**

PATTERN	THICKNESS		LENGTH		ORDERING NUMBER	ITEM CODE
	in.	mm	ft.	m		
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

Strip Selection Chart

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°F to 185° F (-15° C to 85° C)

Rubber Compound

SBR (Styrene-Butadiene-Rubber)

Rubber Hardness

68 ± 3 Shore A

Ceramic Compound (Diamond Ceramic Lagging)

Aluminum Oxide (Al₂O₃)

Ceramic Hardness (Diamond Ceramic Lagging)

83 HRA Rockwell Hardness Scale A

Product Ordering Information

Flex-Lag®
Medium Ceramic Pulley Lagging

Flex-Lag® Medium Ceramic Lagging - SBR Rubber

THICKNESS		BELT WIDTH		CERAMIC LENGTH		STRIP LENGTH		DIMPLED TILE		SMOOTH TILE	
in.	mm	in.	mm	in.	mm	in.	mm	ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE
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



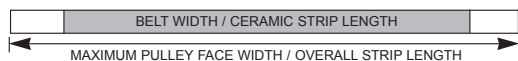
Flex-Lag® Medium Ceramic Lagging - FRAS Rubber

THICKNESS		BELT WIDTH		CERAMIC LENGTH		STRIP LENGTH		DIMPLED TILE		SMOOTH TILE	
in.	mm	in.	mm	in.	mm	in.	mm	ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE
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.

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°F to 185° F (-15° C to 85° C)

Ceramic Compound
Aluminum Oxide (Al₂O₃)

Rubber Compound
SBR (Styrene-Butadiene-Rubber)

Ceramic Hardness
83 HRA Rockwell Hardness Scale A

Rubber Hardness
68 ± 3 Shore A

39% Ceramic Coverage

Product Notes:

- No wasted ceramic with easy-to-specify dimensions by using pulley or belt width.
- Constructed from individual ceramic tiles molded into high-durometer rubber for superior abrasion resistance.
- Horizontal grooves trap and deflect water.
- Molded ceramic buttons grip the belt's underside for positive traction and no slippage.

Product Ordering Information

Flex-Lag®
Full Ceramic Pulley Lagging

Flex-Lag® Full Ceramic Lagging - SBR Rubber

THICKNESS		BELT WIDTH		CERAMIC LENGTH		STRIP LENGTH		DIMPLED TILE		SMOOTH TILE	
in.	mm	in.	mm	in.	mm	in.	mm	ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE
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

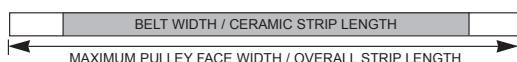
Flex-Lag® Full Ceramic Lagging - FRAS Rubber

THICKNESS		BELT WIDTH		CERAMIC LENGTH		STRIP LENGTH		DIMPLED TILE		SMOOTH TILE	
in.	mm	in.	mm	in.	mm	in.	mm	ORDERING NUMBER	ITEM CODE	ORDERING NUMBER	ITEM CODE
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

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

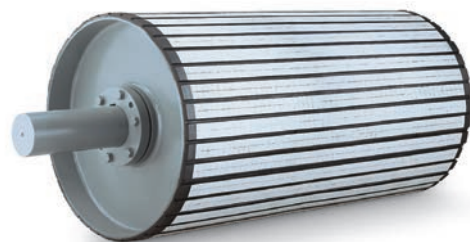
CERAMIC STRIP CONFIGURATION



Strips Required = Pulley Diameter (in) x 3.14 ÷ 8, then round up.

Strip Selection Chart

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



Special Offerings

PRODUCT	PRICE COMPARED TO NATURAL RUBBER
15mm Thickness	+5%
20mm Thickness	+7 1/2%
25mm Thickness	+15%

Specifications:

Temperature Rating
5°F to 185° F (-15° C to 85° C)

Rubber Compound
SBR (Styrene-Butadiene-Rubber)

Rubber Hardness
68 ± 3 Shore A

Ceramic Compound
Aluminum Oxide (Al₂O₃)

Ceramic Hardness
83 HRA Rockwell Hardness Scale A

80% Ceramic Coverage

Product Ordering Information

Flex-Lag®
Adhesives and Toolbox

Flex-Lag® Adhesive/Activator/Primer

ORDERING NUMBER	DESCRIPTION	ITEM CODE	WEIGHT	VOLUME
FL-ADH-0.8	Adhesive	75017	1.6 lb. (0.7 Kg)	27.1 oz (0.8L)
FL-ACT	Activator	70186	0.1 lb. (40 g)	-
FL-PR-0.75	Primer	70189	1.6 lb. (0.7 Kg)	25.4 oz (0.75L)

Each Flex-Lag Adhesive is mixed with one Flex-Lag Activator. Refer to the usage chart below to calculate the number of cans required for your pulley. For sizes not included in the chart please contact Flexco Customer Service for assistance.



ADHESIVE 0.8L / ACTIVATOR 40g (1:1 ratio)

			Face Width																				
	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
Pulley Diameter	8	203	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3
	12	305	1	1	1	1	1	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4
	16	406	1	1	1	2	2	2	2	2	3	3	3	3	3	4	4	4	4	4	5	5	5
	20	508	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6
	24	610	1	2	2	2	2	3	3	3	4	4	4	5	5	5	5	6	6	6	7	7	7
	28	711	1	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	4	5	5	6	6	7	7	8	8	8	9	9	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

			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
Pulley Diameter	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

ORDERING NUMBER	DESCRIPTION	ITEM CODE	WT. (LBS)
LAGGING-TB	with Power Tools	79080	32.0
LAGGING-TB2	without Power Tools	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
- 24-grit flap disc
- Rubber buffing disc
- Grinder
- Metal grinding disc
- Oscillating tool and accessories

Product Ordering Information

Flex-Lag® Weld-On™ Rubber Pulley Lagging



Strip Selection Chart

PULLEY DIAMETER		STRIPS REQUIRED
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

Strips Required = Pulley Diameter (in) ÷ 2, then round down.

Flex-Lag® Weld-on Diamond Lagging

SBR Rubber

Pulley Diameter 16" - 29" (400 - 725 mm)

BELT WIDTH		STRIP LENGTH		ORDERING NUMBER	ITEM CODE
in.	mm	in.	mm		
18	450	20	500	WND18-16	72169
24	600	26	650	WND24-16	72171
30	750	32	800	WND30-16	72173
36	900	38	950	WND36-16	72175
42	1050	44	1100	WND42-16	72177
48	1200	51	1275	WND48-16	72179
54	1350	57	1425	WND54-16	72181
60	1500	63	1575	WND60-16	72183
72	1800	75	1875	WND72-16	72185

SBR Rubber

Pulley Diameter 30" + (750 mm+)

BELT WIDTH		STRIP LENGTH		ORDERING NUMBER	ITEM CODE
in.	mm	in.	mm		
18	450	20	500	WND18-30	72170
24	600	26	650	WND24-30	72172
30	750	32	800	WND30-30	72174
36	900	38	950	WND36-30	72176
42	1050	44	1100	WND42-30	72178
48	1200	51	1275	WND48-30	72180
54	1350	57	1425	WND54-30	72182
60	1500	63	1575	WND60-30	72184
72	1800	75	1875	WND72-30	72186

FRAS Rubber

Pulley Diameter 16" - 29" (400 - 725 mm)

BELT WIDTH		STRIP LENGTH		ORDERING NUMBER	ITEM CODE
in.	mm	in.	mm		
18	450	20	500	WFRD18-16	72187
24	600	26	650	WFRD24-16	72189
30	750	32	800	WFRD30-16	72191
36	900	38	950	WFRD36-16	72193
42	1050	44	1100	WFRD42-16	72195
48	1200	51	1275	WFRD48-16	72197
54	1350	57	1425	WFRD54-16	72199
60	1500	63	1575	WFRD60-16	72201
72	1800	75	1875	WFRD72-16	72203

FRAS Rubber

Pulley Diameter 30" + (750 mm+)

BELT WIDTH		STRIP LENGTH		ORDERING NUMBER	ITEM CODE
in.	mm	in.	mm		
18	450	20	500	WFRD18-30	72188
24	600	26	650	WFRD24-30	72190
30	750	32	800	WFRD30-30	72192
36	900	38	950	WFRD36-30	72194
42	1050	44	1100	WFRD42-30	72196
48	1200	51	1275	WFRD48-30	72198
54	1350	57	1425	WFRD54-30	72200
60	1500	63	1575	WFRD60-30	72202
72	1800	75	1875	WFRD72-30	72204

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

Product Ordering Information

Flex-Lag® Weld-On™
Ceramic Pulley Lagging



Strips Required = Pulley Diameter (in) ÷ 2, then round down.

Strip Selection Chart

PULLEY DIAMETER		STRIPS REQUIRED
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 Full Ceramic Lagging

SBR Rubber

Pulley Diameter 16" - 29" (400 - 725 mm)

BELT WIDTH		STRIP LENGTH		ORDERING NUMBER	ITEM CODE
in.	mm	in.	mm		
18	450	20	500	WCLN18-16	71131
24	600	26	650	WCLN24-16	71132
30	750	32	800	WCLN30-16	71133
36	900	38	950	WCLN36-16	71135
42	1050	44	1100	WCLN42-16	71137
48	1200	51	1275	WCLN48-16	71139
54	1350	57	1425	WCLN54-16	71149
60	1500	63	1575	WCLN60-16	71165
72	1800	75	1875	WCLN72-16	71151

SBR Rubber

Pulley Diameter 30" + (750 mm+)

BELT WIDTH		STRIP LENGTH		ORDERING NUMBER	ITEM CODE
in.	mm	in.	mm		
24	600	26	650	WCLN24-30	71150
30	750	32	800	WCLN30-30	71134
36	900	38	950	WCLN36-30	71136
42	1050	44	1100	WCLN42-30	71138
48	1200	51	1275	WCLN48-30	71144
54	1350	57	1425	WCLN54-30	71145
60	1500	63	1575	WCLN60-30	71146
72	1800	75	1875	WCLN72-30	71147

INDEX By Ordering Number

Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #
	04140	221	CART-48/1200	77904	120	CBS84SF	79945	134	CCKHDTs	79233	149
900924	04200	221	CART-54/1350	77905	112	CBS96PF	79968	134	CCKL	79224	79
900936	04143	221	CART-54/1350	77905	116	CBS96SF	79946	134	CCKL	79224	91
900948	04144	221	CART-54/1350	77905	120	CBSBLD18F	79947	134	CCKL	79224	94
900960	04145	221	CART-60/1500	77906	112	CBSBLD18F	79947	136	CCKL	79224	149
900972	04146	221	CART-60/1500	77906	116	CBSBLD18F	79947	139	CCKR	79228	79
900984	04147	221	CART-60/1500	77906	120	CBSBLD24F	79948	134	CCKR	79228	91
10FRD6.5/21	71014	222	CART-72/1800	77907	112	CBSBLD24F	79948	136	CCKR	79228	94
10FRP6.5/21	71020	222	CART-72/1800	77907	116	CBSBLD24F	79948	139	CCKR	79228	149
10ND6.5/21	71002	222	CART-72/1800	77907	120	CBSBLD30F	79949	134	CCKTS	79232	79
10NP6.5/21	71010	222	CART2-120/3000	77912	112	CBSBLD30F	79949	136	CCKTS	79232	91
12FRD6.5/21	71016	222	CART2-120/3000	77912	116	CBSBLD30F	79949	139	CCKTS	79232	94
12FRDC6.5/21	71159	222	CART2-120/3000	77912	120	CBSBLD36F	79950	134	CCKTS	79232	149
12FRP6.5/21	71022	222	CART2-60/1500	77908	112	CBSBLD36F	79950	136	CCMK	78919	79
12ND6.5/21	71004	222	CART2-60/1500	77908	116	CBSBLD36F	79950	139	CCMK	78919	91
12NDC6.5/21	71155	222	CART2-60/1500	77908	120	CBSBLD42F	79951	134	CCMK	78919	94
12NP6.5/21	71012	222	CART2-72/1800	77909	112	CBSBLD42F	79951	136	CCMK	78919	149
15FRD6.5/21	71018	222	CART2-72/1800	77909	116	CBSBLD42F	79951	139	CCMKHD	78920	79
15FRP6.5/21	71015	222	CART2-72/1800	77909	120	CBSBLD48F	79952	134	CCMKHD	78920	112
15ND6.5/21	71006	222	CART2-84/2100	77910	112	CBSBLD48F	79952	136	CCMKHD	78920	116
15NP6.5/21	71017	222	CART2-84/2100	77910	116	CBSBLD48F	79952	139	CCMKHD	78920	149
20FRD6.5/21	71019	222	CART2-84/2100	77910	120	CBSBLD54F	79953	134	CDWB24	75884	126
20FRP6.5/21	72129	222	CART2-96/2400	77911	112	CBSBLD54F	79953	136	CDWB30	75885	126
20ND6.5/21	71008	222	CART2-96/2400	77911	116	CBSBLD54F	79953	139	CDWB36	75886	126
20NP6.5/21	71021	222	CART2-96/2400	77911	120	CBSBLD60F	79954	134	CDWB42	75887	126
25ND6.5/21	71152	222	CBC18	76668	133	CBSBLD60F	79954	136	CDWB48	75888	126
25NP6.5/21	71163	222	CBC24	76669	133	CBSBLD60F	79954	139	CDWB54	75889	126
7.5NLD3.3/11	71077	222	CBC30	76670	133	CBSBLD72F	79955	134	CDWB60	75890	126
7.5WLD3.3/11	71076	222	CBC36	76671	133	CBSBLD72F	79955	136	CDWB72	75891	126
900CBK	4149	221	CBC3R	90641	133	CBSBLD72F	79955	139	CDWB84	76942	126
ABU	76788	124	CBC42	76672	133	CBSBLD84F	79956	134	CDWB96	79062	126
ABU	76788	124	CBC48	76673	133	CBSBLD84F	79956	136	CEBC1	30018	221
ABU	76788	125	CBC54	76674	133	CBSBLD84F	79956	139	CEBC2	30019	221
AWTA	75907	47	CBC60	76675	133	CBSBLD96F	79957	134	CFG-212	78838	21
AWTA	75907	55	CBC72	90762	133	CBSBLD96F	79957	136	CFG-218	78839	21
AWTA	75907	60	CBC84	90763	133	CBSBLD96F	79957	139	CFG-224	78840	21
AWTB	75905	47	CBCS18	90537	133	CBSBP18F	90101	136	CFG-230	78841	21
AWTB	75905	55	CBCS24	90538	133	CBSBP24F	90102	136	CFG-236	78842	21
AWTB	75905	60	CBCS30	90539	133	CBSBP30F	90103	136	CFG-242	78843	21
AWTHK	75909	47	CBCS36	90540	133	CBSBP36F	90104	136	CFG-248	78844	21
AWTHK	75909	55	CBCS42	90541	133	CBSBP42F	90105	136	CFG-254	78845	21
AWTHK	75909	60	CBCS48	90542	133	CBSBP48F	90106	136	CFG-260	78846	21
AWTMB	75906	47	CBCS54	90543	133	CBSBP54F	90107	136	CFG-818	78924	21
AWTMB	75906	55	CBCS60	90544	133	CBSBP60F	90108	136	CFG-824	78925	21
AWTMB	75906	60	CBCS72	90554	133	CBSBP72F	90109	136	CFG-830	78926	21
AWTNCB	76069	47	CBCS84	90555	133	CBSBP84F	90110	136	CFG-836	78927	21
AWTNCB	76069	55	CBS18PF	79958	134	CBSBP96F	90111	136	CFG-842	78928	21
AWTNCB	76069	60	CBS18SF	79936	134	CBV-72	74389	165	CFG-848	78929	21
AWTPBA	90000	47	CBS24PF	79959	134	CBV-84	74390	165	CFG-854	78930	21
AWTPBA	90000	55	CBS24SF	79937	134	CBV-96	74391	165	CFG-860	78931	21
AWTPBA	90000	60	CBS30PF	79960	134	CBV-L	73134	165	CLFR1060/42.4-12	71123	224
CART-24/600	77900	112	CBS30SF	79938	134	CBV-M	73133	165	CLFR1060/42.4-12S	79411	224
CART-24/600	77900	116	CBS36PF	79961	134	CBV-S	73132	165	CLFR1200/48-12	71005	224
CART-24/600	77900	120	CBS36SF	79939	134	CBV-XS	73131	165	CLFR1200/48-12S	79412	224
CART-30/750	77901	112	CBS42PF	79962	134	CCKHDL	79225	79	CLFR1360/54.4-12	A1636	224
CART-30/750	77901	116	CBS42SF	79940	134	CCKHDL	79225	112	CLFR1360/54.4-12S	79413	224
CART-30/750	77901	120	CBS48PF	79963	134	CCKHDL	79225	116	CLFR1520/60.8-12	71009	224
CART-36/900	77902	112	CBS48SF	79941	134	CCKHDL	79225	149	CLFR1520/60.8-12S	79415	224
CART-36/900	77902	116	CBS54PF	79964	134	CCKHDR	79229	79	CLFR1800/72-12	71079	224
CART-36/900	77902	120	CBS54SF	79942	134	CCKHDR	79229	112	CLFR1800/72-12S	79418	224
CART-42/1050	77903	112	CBS60PF	79965	134	CCKHDR	79229	116	CLFR2100/84-12	71082	224
CART-42/1050	77903	116	CBS60SF	79943	134	CCKHDR	79229	149	CLFR2100/84-12S	79421	224
CART-42/1050	77903	120	CBS72PF	79966	134	CCKHDTs	79233	79	CLFR460/18.4-12	71118	224
CART-48/1200	77904	112	CBS72SF	79944	134	CCKHDTs	79233	112	CLFR460/18.4-12S	79406	224
CART-48/1200	77904	116	CBS84PF	79967	134	CCKHDTs	79233	116	CLFR600/24-12	71119	224

INDEX By Ordering Number

Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #
CLFR600/24-12S	79407	224	CLN900/36-12	71115	224	CRB-LS22	77090	27	CRB-W10	78471	22
CLFR760/30.4-12	71120	224	CLN900/36-12S	79387	224	CRB-LS22	77090	31	CRB-W10	78471	37
CLFR760/30.4-12S	79408	224	CLSFG-212	77144	30	CRB-LS22HT	77553	27	CRB-W16	78472	16
CLFR900/36-12	71122	224	CLSFG-218	77145	30	CRB-LS22HT	77553	31	CRB-W16	78472	22
CLFR900/36-12S	79410	224	CLSFG-224	77146	30	CRB-LS22W	77099	27	CRB-W16	78472	37
CLMFR1050/42-15	61312	223	CLSFG-230	77147	30	CRB-LS22W	77099	31	CRB-W22	78473	16
CLMFR1050/42-15S	62067	223	CLSFG-236	77148	30	CRB-LS28	77091	27	CRB-W22	78473	22
CLMFR1200/48-15	61313	223	CLSFG-242	77149	30	CRB-LS28	77091	31	CRB-W22	78473	37
CLMFR1200/48-15S	62068	223	CLSFG-248	77150	30	CRB-LS28HT	77554	27	CRB-W28	78474	16
CLMFR1350/54-15	61314	223	CLSFG-254	77151	30	CRB-LS28HT	77554	31	CRB-W28	78474	22
CLMFR1350/54-15S	62069	223	CLSFG-260	77152	30	CRB-LS28W	77100	27	CRB-W28	78474	37
CLMFR1500/60-15	61315	223	CLSFG-818	77153	30	CRB-LS28W	77100	31	CRB-W34	78475	16
CLMFR1500/60-15S	62070	223	CLSFG-824	77154	30	CRB-LS34	77092	27	CRB-W34	78475	22
CLMFR1800/72-15	61316	223	CLSFG-830	77155	30	CRB-LS34	77092	31	CRB-W34	78475	37
CLMFR1800/72-15S	62071	223	CLSFG-836	77156	30	CRB-LS34HT	77555	27	CRB-W40	78476	16
CLMFR2100/84-15	61317	223	CLSFG-842	77157	30	CRB-LS34HT	77555	31	CRB-W40	78476	22
CLMFR2100/84-15S	62072	223	CLSFG-848	77158	30	CRB-LS34W	77101	27	CRB-W40	78476	37
CLMFR450/18-15	61308	223	CLSFG-854	77159	30	CRB-LS34W	77101	31	CRB-W46	78477	16
CLMFR450/18-15S	62063	223	CLSFG-860	77160	30	CRB-LS40	77093	27	CRB-W46	78477	22
CLMFR6.5/21-15	61319	222	CPB	76692	133	CRB-LS40	77093	31	CRB-W46	78477	37
CLMFR600/24-15	61309	223	CRB-HT10	76593	16	CRB-LS40HT	77556	27	CRB-W52	78478	16
CLMFR600/24-15S	62064	223	CRB-HT10	76593	22	CRB-LS40HT	77556	31	CRB-W52	78478	22
CLMFR750/30-15	61310	223	CRB-HT10	76593	37	CRB-LS40W	77102	27	CRB-W52	78478	37
CLMFR750/30-15S	62065	223	CRB-HT16	76594	16	CRB-LS40W	77102	31	CRB-W58	78479	16
CLMFR900/36-15	61311	223	CRB-HT16	76594	22	CRB-LS46	77094	27	CRB-W58	78479	22
CLMFR900/36-15S	62066	223	CRB-HT16	76594	37	CRB-LS46	77094	31	CRB-W58	78479	37
CLMN1050/42-15	61298	223	CRB-HT22	76595	16	CRB-LS46HT	77557	27	CRB10	75628	16
CLMN1050/42-15S	62056	223	CRB-HT22	76595	22	CRB-LS46HT	77557	31	CRB10	75628	22
CLMN1200/48-15	61299	223	CRB-HT22	76595	37	CRB-LS46W	77103	27	CRB10	75628	37
CLMN1200/48-15S	62057	223	CRB-HT28	76596	16	CRB-LS46W	77103	31	CRB10	75628	152
CLMN1350/54-15	61300	223	CRB-HT28	76596	22	CRB-LS52	77095	27	CRB16	75629	16
CLMN1350/54-15S	62058	223	CRB-HT28	76596	37	CRB-LS52	77095	31	CRB16	75629	22
CLMN1500/60-15	61301	223	CRB-HT34	76597	16	CRB-LS52HT	77558	27	CRB16	75629	37
CLMN1500/60-15S	62059	223	CRB-HT34	76597	22	CRB-LS52HT	77558	31	CRB16	75629	152
CLMN1800/72-15	61302	223	CRB-HT34	76597	37	CRB-LS52W	77104	27	CRB22	75630	16
CLMN1800/72-15S	62060	223	CRB-HT40	76598	16	CRB-LS52W	77104	31	CRB22	75630	22
CLMN2100/84-15	61303	223	CRB-HT40	76598	22	CRB-LS58	77096	27	CRB22	75630	37
CLMN2100/84-15S	62061	223	CRB-HT40	76598	37	CRB-LS58	77096	31	CRB22	75630	152
CLMN450/18-15	61294	223	CRB-HT46	76599	16	CRB-LS58HT	77559	27	CRB28	75631	16
CLMN450/18-15S	62052	223	CRB-HT46	76599	22	CRB-LS58HT	77559	31	CRB28	75631	22
CLMN6.5/21-15	62216	222	CRB-HT46	76599	37	CRB-LS58W	77105	27	CRB28	75631	37
CLMN600/24-15	61295	223	CRB-HT52	76600	16	CRB-LS58W	77105	31	CRB28	75631	152
CLMN600/24-15S	62053	223	CRB-HT52	76600	22	CRB-UHT10	91253	16	CRB34	75632	16
CLMN750/30-15	61296	223	CRB-HT52	76600	37	CRB-UHT10	91253	37	CRB34	75632	22
CLMN750/30-15S	62054	223	CRB-HT58	76601	16	CRB-UHT16	91254	16	CRB34	75632	37
CLMN900/36-15	61297	223	CRB-HT58	76601	22	CRB-UHT16	91254	37	CRB34	75632	152
CLMN900/36-15S	62055	223	CRB-HT58	76601	37	CRB-UHT22	91255	16	CRB40	75633	16
CLN1060/42.4-12	71116	224	CRB-HT64	76602	16	CRB-UHT22	91255	37	CRB40	75633	22
CLN1060/42.4-12S	79388	224	CRB-HT64	76602	22	CRB-UHT28	91256	16	CRB40	75633	37
CLN1200/48-12	71039	224	CRB-HT64	76602	37	CRB-UHT28	91256	37	CRB40	75633	152
CLN1200/48-12S	79389	224	CRB-HT70	76603	16	CRB-UHT34	91257	16	CRB46	75634	16
CLN1360/54.4-12	71126	224	CRB-HT70	76603	22	CRB-UHT34	91257	37	CRB46	75634	22
CLN1360/54.4-12S	79390	224	CRB-HT70	76603	37	CRB-UHT40	91258	16	CRB46	75634	37
CLN1520/60.8-12	71127	224	CRB-LS10	77088	27	CRB-UHT40	91258	37	CRB46	75634	152
CLN1520/60.8-12S	79392	224	CRB-LS10	77088	31	CRB-UHT46	91259	16	CRB52	75635	16
CLN1800/72-12	71042	224	CRB-LS10HT	77551	27	CRB-UHT46	91259	37	CRB52	75635	22
CLN1800/72-12S	79395	224	CRB-LS10HT	77551	31	CRB-UHT52	91260	16	CRB52	75635	37
CLN2100/84-12	71044	224	CRB-LS10W	77097	27	CRB-UHT52	91260	37	CRB52	75635	152
CLN2100/84-12S	79398	224	CRB-LS10W	77097	31	CRB-UHT58	91261	16	CRB58	75636	16
CLN460/18.4-12	71111	224	CRB-LS16	77089	27	CRB-UHT58	91261	37	CRB58	75636	22
CLN460/18.4-12S	79383	224	CRB-LS16	77089	31	CRB-UHT64	91262	16	CRB58	75636	37
CLN600/24-12	71112	224	CRB-LS16HT	77552	27	CRB-UHT64	91262	37	CRB58	75636	152
CLN600/24-12S	79384	224	CRB-LS16HT	77552	31	CRB-UHT70	91263	16	CRB64	75775	16
CLN760/30.4-12	71113	224	CRB-LS16W	77098	27	CRB-UHT70	91263	37	CRB64	75775	22
CLN760/30.4-12S	79385	224	CRB-LS16W	77098	31	CRB-W10	78471	16	CRB64	75775	37

INDEX By Ordering Number

Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #
CRB70	75773	16	DRXH-48-435	76900	193	DRXM-48-520	76860	191	EZAI-48	79004	170
CRB70	75773	22	DRXH-48-520	76892	193	DRXM-48-535	76876	191	EZAI-48I	79095	173
CRB70	75773	37	DRXH-48-535	76908	193	DRXM-54-420	76853	191	EZAI-48I	79095	182
CRB70	75773	152	DRXH-54-420	76885	193	DRXM-54-435	76869	191	EZAI-48I	79095	185
CRB76	76940	16	DRXH-54-435	76901	193	DRXM-54-520	76861	191	EZAI-54	79005	170
CRB76	76940	22	DRXH-54-520	76893	193	DRXM-54-535	76877	191	EZAI-54I	79096	173
CRB76	76940	37	DRXH-54-535	76909	193	DRXM-60-420	76854	191	EZAI-54I	79096	182
CRB82	76941	16	DRXH-60-420	76886	193	DRXM-60-435	76870	191	EZAI-54I	79096	185
CRB82	76941	22	DRXH-60-435	76902	193	DRXM-60-520	76862	191	EZAI-60	79006	170
CRB82	76941	37	DRXH-60-520	76894	193	DRXM-60-535	76878	191	EZAI-60I	79097	173
CRDF18	90631	133	DRXH-60-535	76910	193	DRXM-72-420	76855	191	EZAI-60I	79097	182
CRDF24	90632	133	DRXH-72-420	76887	193	DRXM-72-435	76871	191	EZAI-60I	79097	185
CRDF30	90633	133	DRXH-72-435	76903	193	DRXM-72-520	76863	191	EZAI-72	79007	170
CRDF36	90634	133	DRXH-72-520	76895	193	DRXM-72-535	76879	191	EZAI-72I	79098	173
CRDF42	90635	133	DRXH-72-535	76911	193	DWP-72	75883	129	EZAI-72I	79098	182
CRDF48	90636	133	DRXL-24-420	76816	189	DWP-84	76815	129	EZAI-72I	79098	185
CRDF54	90637	133	DRXL-24-435	76832	189	DWP-96	79060	129	EZBMK-24	78944	178
CRDF60	90638	133	DRXL-24-520	76824	189	EBC-EB	30007	221	EZBMK-24	78944	181
CRDF72	90639	133	DRXL-24-535	76840	189	EBC-H	30008	221	EZBMK-30	78945	178
CRDF84	90640	133	DRXL-30-420	76817	189	EBC1	30001	221	EZBMK-30	78945	181
CST1HD-B	77874	120	DRXL-30-435	76833	189	EBC1-B	30003	221	EZBMK-36	78946	178
CST1HD-G	77875	120	DRXL-30-520	76825	189	EBC1-DR	30005	221	EZBMK-36	78946	181
CST1HD-S	77873	120	DRXL-30-535	76841	189	EBC2	30002	221	EZBMK-42	78947	178
CST1HD-W	77872	120	DRXL-36-420	76818	189	EBC2-B	30004	221	EZBMK-42	78947	181
CSTBK	77037	120	DRXL-36-435	76834	189	EBC2-DR	30006	221	EZBMK-48	78948	178
CSTHDMK	77871	120	DRXL-36-520	76826	189	ELT	74774	147	EZBMK-48	78948	181
CSTHDPM	77869	120	DRXL-36-535	76842	189	ESBK-ATEX	90264	19	EZBMK-54	78949	178
CTS-B	77744	120	DRXL-42-420	76819	189	ESBK-B	76411	19	EZBMK-54	78949	181
CTS-B-S/S	78387	33	DRXL-42-435	76835	189	ESBK-PS	76410	19	EZBMK-60	78950	178
CTS-G	77745	120	DRXL-42-520	76827	189	ESBK-PS	76410	124	EZBMK-60	78950	181
CTS-S	77743	83	DRXL-42-535	76843	189	ESPBK	76408	19	EZBMK-72	78951	178
CTS-S	77743	98	DRXL-48-420	76820	189	ESPRK	76409	19	EZBMK-72	78951	181
CTS-S	77743	120	DRXL-48-435	76836	189	ESPRK	76409	124	EZBS-L4	78953	175
CTS-W	77742	120	DRXL-48-520	76828	189	ESPSBK	76407	19	EZBS-L4	78953	178
DRXD-42-520	76912	195	DRXL-48-535	76844	189	ESS-B	76413	19	EZBS-L5	78954	175
DRXD-42-535	76919	195	DRXL-54-420	76821	189	ESS-S	76412	19	EZBS-L5	78954	178
DRXD-48-520	76913	195	DRXL-54-435	76837	189	ESS-S	76412	124	EZCRMK24-48	90434	175
DRXD-48-535	76920	195	DRXL-54-520	76829	189	EST-A-B	90816	19	EZCRMK54-60	90261	175
DRXD-54-520	76914	195	DRXL-54-535	76845	189	EST-A-P	90814	19	EZCRMK72	90262	175
DRXD-54-535	76921	195	DRXL-60-420	76822	189	EST-A-S	90815	19	EZCSK-24	78978	172
DRXD-60-520	76915	195	DRXL-60-435	76838	189	EST-B	76405	19	EZCSK-24	78978	175
DRXD-60-535	76922	195	DRXL-60-520	76830	189	EST-G-S/S	78810	24	EZCSK-24	78978	178
DRXD-72-520	76916	195	DRXL-60-535	76846	189	EST-P	76403	19	EZCSK-24	78978	181
DRXD-72-535	76923	195	DRXL-72-420	76823	189	EST-P-S/S	78808	24	EZCSK-30	78979	172
DRXD-84-520	76917	195	DRXL-72-435	76839	189	EST-S	76404	19	EZCSK-30	78979	175
DRXD-84-535	76924	195	DRXL-72-520	76831	189	EST-W-S/S	78809	24	EZCSK-30	78979	178
DRXD-96-520	76918	195	DRXL-72-535	76847	189	ESTAK-EST	76406	19	EZCSK-30	78979	181
DRXD-96-535	76925	195	DRXM-24-420	76848	191	ESTAK-EST	76406	124	EZCSK-36	78980	172
DRXH-24-420	76880	193	DRXM-24-435	76864	191	ESTAK-EST-S/S	78849	24	EZCSK-36	78980	175
DRXH-24-435	76896	193	DRXM-24-520	76856	191	EZAI-24	79000	170	EZCSK-36	78980	178
DRXH-24-520	76888	193	DRXM-24-535	76872	191	EZAI-24I	79091	173	EZCSK-36	78980	181
DRXH-24-535	76904	193	DRXM-30-420	76849	191	EZAI-24I	79091	182	EZCSK-42	78981	172
DRXH-30-420	76881	193	DRXM-30-435	76865	191	EZAI-24I	79091	185	EZCSK-42	78981	175
DRXH-30-435	76897	193	DRXM-30-520	76857	191	EZAI-30	79001	170	EZCSK-42	78981	178
DRXH-30-520	76889	193	DRXM-30-535	76873	191	EZAI-30I	79092	173	EZCSK-42	78981	181
DRXH-30-535	76905	193	DRXM-36-420	76850	191	EZAI-30I	79092	182	EZCSK-48	78982	172
DRXH-36-420	76882	193	DRXM-36-435	76866	191	EZAI-30I	79092	185	EZCSK-48	78982	175
DRXH-36-435	76898	193	DRXM-36-520	76858	191	EZAI-36	79002	170	EZCSK-48	78982	178
DRXH-36-520	76890	193	DRXM-36-535	76874	191	EZAI-36I	79093	173	EZCSK-48	78982	181
DRXH-36-535	76906	193	DRXM-42-420	76851	191	EZAI-36I	79093	182	EZCSK-54	78983	172
DRXH-42-420	76883	193	DRXM-42-435	76867	191	EZAI-36I	79093	185	EZCSK-54	78983	175
DRXH-42-435	76899	193	DRXM-42-520	76859	191	EZAI-42	79003	170	EZCSK-54	78983	178
DRXH-42-520	76891	193	DRXM-42-535	76875	191	EZAI-42I	79094	173	EZCSK-54	78983	181
DRXH-42-535	76907	193	DRXM-48-420	76852	191	EZAI-42I	79094	182	EZCSK-60	78984	172
DRXH-48-420	76884	193	DRXM-48-435	76868	191	EZAI-42I	79094	185	EZCSK-60	78984	175

INDEX By Ordering Number

Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #
EZCSK-60	78984	178	EZP1-212	75610	11	EZP1P12	75619	20	EZS2-42	75647	76
EZCSK-60	78984	181	EZP1-212W	78934	15	EZP1P12-S/S	78812	24	EZS2-48	75648	76
EZCSK-72	78985	172	EZP1-218	75611	11	EZP1P18	75620	19	EZS2-54	75649	76
EZCSK-72	78985	175	EZP1-218W	78935	15	EZP1P18	75620	20	EZS2-60	75650	76
EZCSK-72	78985	178	EZP1-224	75612	11	EZP1P18-S/S	78813	24	EZS2-72	75651	76
EZCSK-72	78985	181	EZP1-224W	78936	15	EZP1P24	75621	19	EZS2MBK	75666	79
EZIB24-4L	78887	176	EZP1-230	75613	11	EZP1P24	75621	20	EZS2MBK	75666	91
EZIB24-4M	78903	179	EZP1-230W	78937	15	EZP1P24-S/S	78814	24	EZS2MBK	75666	94
EZIB24-5L	78895	176	EZP1-236	75614	11	EZP1P30	75622	19	EZS2MBK	75666	112
EZIB24-5M	78911	179	EZP1-236W	78938	15	EZP1P30	75622	20	EZS2MBK	75666	116
EZIB30-4L	78888	176	EZP1-242	75615	11	EZP1P30-S/S	78815	24	EZS2MBK	75666	133
EZIB30-4M	78904	179	EZP1-242W	78939	15	EZP1P36	75623	19	EZS2MBK	75666	149
EZIB30-5L	78896	176	EZP1-248	75616	11	EZP1P36	75623	20	EZS2P18	75652	79
EZIB30-5M	78912	179	EZP1-248W	78940	15	EZP1P36-S/S	78816	24	EZS2P18	75652	149
EZIB36-4L	78889	176	EZP1-254	75617	11	EZP1P42	75624	19	EZS2P24	75653	79
EZIB36-4M	78905	179	EZP1-254W	78941	15	EZP1P42	75624	20	EZS2P24	75653	149
EZIB36-5L	78897	176	EZP1-260	75618	11	EZP1P42-S/S	78817	24	EZS2P30	75654	79
EZIB36-5M	78913	179	EZP1-260W	78942	15	EZP1P48	75625	19	EZS2P30	75654	149
EZIB42-4L	78890	176	EZP1-272	75771	11	EZP1P48	75625	20	EZS2P36	75655	79
EZIB42-4M	78906	179	EZP1-272W	78943	15	EZP1P48-S/S	78818	24	EZS2P36	75655	149
EZIB42-5L	78898	176	EZP1-818	75779	11	EZP1P54	75626	19	EZS2P42	75656	79
EZIB42-5M	78914	179	EZP1-824	75780	11	EZP1P54	75626	20	EZS2P42	75656	149
EZIB48-4L	78891	176	EZP1-830	75781	11	EZP1P54-S/S	78819	24	EZS2P48	75657	79
EZIB48-4M	78907	179	EZP1-836	75782	11	EZP1P60	75627	19	EZS2P48	75657	149
EZIB48-5L	78899	176	EZP1-842	75783	11	EZP1P60	75627	20	EZS2P54	75658	79
EZIB48-5M	78915	179	EZP1-848	75784	11	EZP1P60-S/S	78820	24	EZS2P54	75658	149
EZIB54-4L	78892	176	EZP1-854	75785	11	EZP1P72	75772	19	EZS2P60	75659	79
EZIB54-4M	78908	179	EZP1-860	75786	11	EZP1P72	75772	20	EZS2P60	75659	149
EZIB54-5L	78900	176	EZP1-872	75774	11	EZP1P72-S/S	78821	24	EZS2P72	75660	79
EZIB54-5M	78916	179	EZP1-UHT1424	91245	14	EZP1PL	75641	19	EZS2P72	75660	149
EZIB60-4L	78893	176	EZP1-UHT1430	91246	14	EZP1PL	75641	20	EZSB24-4C	78855	170
EZIB60-4M	78909	179	EZP1-UHT1436	91247	14	EZP1PL	75641	148	EZSB24-4I	78871	173
EZIB60-5L	78901	176	EZP1-UHT1442	91248	14	EZP1PL-S/S	78848	24	EZSB24-5C	78863	170
EZIB60-5M	78917	179	EZP1-UHT1448	91249	14	EZP1T-212	78488	12	EZSB24-5I	78879	173
EZIB72-4L	78894	176	EZP1-UHT1454	91250	14	EZP1T-218	78489	12	EZSB30-4C	78856	170
EZIB72-4M	78910	179	EZP1-UHT1460	91251	14	EZP1T-224	78490	12	EZSB30-4I	78872	173
EZIB72-5L	78902	176	EZP1-UHT1472	91252	14	EZP1T-230	78491	12	EZSB30-5C	78864	170
EZIB72-5M	78918	179	EZP1-UHT212	91226	14	EZP1T-236	78492	12	EZSB30-5I	78880	173
EZIRMK	79318	175	EZP1-UHT218	91227	14	EZP1T-242	78493	12	EZSB36-4C	78857	170
EZP-LS212	77127	25	EZP1-UHT224	91228	14	EZP1T-248	78494	12	EZSB36-4I	78873	173
EZP-LS212HT	77746	26	EZP1-UHT230	91229	14	EZP1T-254	78495	12	EZSB36-5C	78865	170
EZP-LS218	77128	25	EZP1-UHT236	91230	14	EZP1T-260	78496	12	EZSB36-5I	78881	173
EZP-LS218HT	77747	26	EZP1-UHT242	91231	14	EZP1T-272	78497	12	EZSB42-4C	78858	170
EZP-LS224	77129	25	EZP1-UHT248	91232	14	EZP1T-818	78498	12	EZSB42-4I	78874	173
EZP-LS224HT	77748	26	EZP1-UHT254	91233	14	EZP1T-824	78499	12	EZSB42-5C	78866	170
EZP-LS230	77130	25	EZP1-UHT260	91234	14	EZP1T-830	78500	12	EZSB42-5I	78882	173
EZP-LS230HT	77749	26	EZP1-UHT272	91235	14	EZP1T-836	78501	12	EZSB48-4C	78859	170
EZP-LS236	77131	25	EZP1-UHT818	91236	14	EZP1T-842	78502	12	EZSB48-4I	78875	173
EZP-LS236HT	77750	26	EZP1-UHT824	91237	14	EZP1T-848	78503	12	EZSB48-5C	78867	170
EZP-LS242	77132	25	EZP1-UHT830	91238	14	EZP1T-854	78504	12	EZSB48-5I	78883	173
EZP-LS242HT	77751	26	EZP1-UHT836	91239	14	EZP1T-860	78505	12	EZSB54-4C	78860	170
EZP-LS248	77133	25	EZP1-UHT842	91240	14	EZP1T-872	78506	12	EZSB54-4I	78876	173
EZP-LS248HT	77752	26	EZP1-UHT848	91241	14	EZPTBT	77384	20	EZSB54-5C	78868	170
EZP-LS254	77134	25	EZP1-UHT854	91242	14	EZPTBTHD	77385	20	EZSB54-5I	78884	173
EZP-LS254HT	77753	26	EZP1-UHT860	91243	14	EZPTCK	78508	20	EZSB60-4C	78861	170
EZP-LS260	77135	25	EZP1-UHT872	91244	14	EZPTCKHD	78509	20	EZSB60-4I	78877	173
EZP-LS260HT	77754	26	EZP1BP	75642	19	EZPTMPK	78507	20	EZSB60-5C	78869	170
EZP-LS818	77136	25	EZP1BP	75642	20	EZPTSK	78511	20	EZSB60-5I	78885	173
EZP-LS824	77137	25	EZP1BP	75642	156	EZPTSKHD	78512	20	EZSB72-4C	78862	170
EZP-LS830	77138	25	EZP1BP	75642	157	EZPTSR	78510	20	EZSB72-4I	78878	173
EZP-LS836	77139	25	EZP1MPK	75637	19	EZRMK	78952	172	EZSB72-5C	78870	170
EZP-LS842	77140	25	EZP1MPK-S/S	78923	24	EZS2-18	75643	76	EZSB72-5I	78886	173
EZP-LS848	77141	25	EZP10TK1	76418	19	EZS2-24	75644	76	EZWPK-24	78970	172
EZP-LS854	77142	25	EZP10TK2	76419	19	EZS2-30	75645	76	EZWPK-24	78970	175
EZP-LS860	77143	25	EZP1P12	75619	19	EZS2-36	75646	76	EZWPK-24	78970	178

INDEX By Ordering Number

Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #
EZWPK-24	78970	181	FLVRL-XL-SP	77407	220	HDARK-S/S	77331	125	HSSCS	74772	148
EZWPK-30	78971	172	FMS-18	79637	96	HDR24	79010	146	HSSTS	74771	74
EZWPK-30	78971	175	FMS-18-YST	90545	95	HDR30	79011	146	HSSTS	74771	148
EZWPK-30	78971	178	FMS-18V	79646	96	HDR36	79012	146	HTF212	76658	13
EZWPK-30	78971	181	FMS-24	79638	96	HDR42	79013	146	HTF218	76659	13
EZWPK-36	78972	172	FMS-24-YST	90546	95	HDR48	79014	146	HTF224	76660	13
EZWPK-36	78972	175	FMS-24V	79647	96	HDR54	79015	146	HTF230	76661	13
EZWPK-36	78972	178	FMS-30	79639	96	HDR60	79016	146	HTF236	76662	13
EZWPK-36	78972	181	FMS-30-YST	90547	95	HDRBK	79009	146	HTF242	76663	13
EZWPK-42	78973	172	FMS-30V	79648	96	HDRBK-HD	79072	146	HTF248	76664	13
EZWPK-42	78973	175	FMS-36	79640	96	HDRGEK	79236	146	HTF254	76665	13
EZWPK-42	78973	178	FMS-36-YST	90548	95	HDRR24	79019	146	HTF260	76666	13
EZWPK-42	78973	181	FMS-36V	79649	96	HDRR30	79020	146	HTF272	76667	13
EZWPK-48	78974	172	FMS-42	79641	96	HDRR36	79021	146	HTS18	76085	77
EZWPK-48	78974	175	FMS-42-YST	90549	95	HDRR42	79022	146	HTS24	76086	77
EZWPK-48	78974	178	FMS-42V	79650	96	HDRR48	79023	146	HTS30	76087	77
EZWPK-48	78974	181	FMS-48	79642	96	HDRR54	79024	146	HTS36	76088	77
EZWPK-54	78975	172	FMS-48-YST	90550	95	HDRR60	79025	146	HTS42	76089	77
EZWPK-54	78975	175	FMS-48V	79651	96	HDRRS72	79026	146	HTS48	76090	77
EZWPK-54	78975	178	FMS-54	79643	96	HDRRS84	79027	146	HTS54	76091	77
EZWPK-54	78975	181	FMS-54-YST	90551	95	HDRS72	79017	146	HTS60	76092	77
EZWPK-60	78976	172	FMS-54V	79652	96	HDRS84	79018	146	HTS72	76093	77
EZWPK-60	78976	175	FMS-60	79644	96	HDT5	74502	19	HTSCK	76094	77
EZWPK-60	78976	178	FMS-60-YST	90552	95	HDT5	74502	124	HTSCK	76094	79
EZWPK-60	78976	181	FMS-60V	79653	96	HDT5	74502	148	HTTS	74141	147
EZWPK-72	78977	172	FMS-72	79645	96	HDT5-S/S	75586	125	HTTS-HT	79068	75
EZWPK-72	78977	175	FMS-72-YST	90553	95	HFC2	75901	74	HTV18S	74828	75
EZWPK-72	78977	178	FMS-72V	79654	96	HFC2	75901	148	HTV18SS	74821	75
EZWPK-72	78977	181	FMSC	79699	98	HOBK	76399	67	HTV24S	74829	75
FFCK	75661	79	H-MK1	78987	148	HOBK	76399	74	HTV24SS	74822	75
FL-ACT	70186	225	H-MK2	78801	148	HP-18	78990	148	HTV30S	74830	75
FL-ADH-0.8	75017	225	H2P18	79358	67	HP-24	78991	148	HTV30SS	74823	75
FL-CP-I	71141	218	H2P24	79359	67	HP-30	78992	148	HTV36M	74838	75
FL-CP-I	71141	218	H2P30	79360	67	HP-36	78993	148	HTV36S	74831	75
FL-CP-ISS	71164	218	H2P36	79361	67	HP-42	78994	148	HTV36SS	74824	75
FL-L-SP	76982	220	H2P42	79362	67	HP-48	78995	148	HTV42M	74839	75
FL-M-SP	76981	220	H2P48	79363	67	HP-54	78996	148	HTV42S	74832	75
FL-PC-I	71057	218	H2P54	79364	67	HP-60	78997	148	HTV42SS	74825	75
FL-PC-ISS	71168	218	H2P60	79365	67	HP-72	78998	148	HTV48M	74840	75
FL-PKIT-ML	77250	220	H2P72	79366	67	HPS8	73050	148	HTV48S	74833	75
FL-PKIT-XL	77251	220	H2RC	79374	67	HSA8L	73063	70	HTV48SS	74826	75
FL-PR-0.75	70189	225	H2SA6L	79372	65	HSA8L	73063	72	HV-18M	76191	70
FL-RBI	71060	218	H2SA6L	79372	67	HSA8L	73063	74	HV-18S	76190	70
FL-RBI	71060	218	H2SA6LL	79373	65	HSA8L	73063	148	HV-18SS	76101	70
FL-RPI	71058	218	H2SA6LL	79373	67	HSA8LL	73064	70	HV-24M	76193	70
FL-RPI	71058	218	H2SA6M	79371	65	HSA8LL	73064	72	HV-24S	76192	70
FL-XL-SP	77386	220	H2SA6M	79371	67	HSA8LL	73064	74	HV-24SS	76102	70
FLCK	77729	220	H2SA6S	79370	65	HSA8LL	73064	148	HV-30M	76195	70
FLCP	76479	220	H2SA6S	79370	67	HSA8M	73049	70	HV-30S	76194	70
FLEL-L	76473	220	H2SA6SS	79369	65	HSA8M	73049	72	HV-30SS	76103	70
FLEL-M	76472	220	H2SA6SS	79369	67	HSA8M	73049	74	HV-36L	76198	70
FLELK-XL	76986	220	H78P18	76110	74	HSA8M	73049	75	HV-36M	76197	70
FLELP	76474	220	H78P24	76111	74	HSA8M	73049	148	HV-36S	76196	70
FLM-PC	71140	218	H78P30	76112	74	HSA8S	73048	70	HV-36SS	76104	70
FLRLB-L-SP	77406	220	H78P36	76113	74	HSA8S	73048	72	HV-42L	76252	70
FLRLB-M-SP	77405	220	H78P42	76114	74	HSA8S	73048	75	HV-42LL	76253	70
FLRP	76478	220	H78P48	76115	74	HSA8S	73048	148	HV-42M	76251	70
FLSC-I	71052	218	H78P54	76116	74	HSA8S	73048	74	HV-42S	76199	70
FLSC-I-BULK	71054	218	H78P60	76117	74	HSA8SS	73047	70	HV-42SS	76105	70
FLSC-ISS	75778	218	H78P72	76118	74	HSA8SS	73047	72	HV-48L	76256	70
FLSCM-I	71055	218	HAR-K	78786	19	HSA8SS	73047	74	HV-48LL	76257	70
FLSCM-I-BULK	71100	218	HAR-K	78786	148	HSA8SS	73047	75	HV-48M	76255	70
FLTW-L-SP	77409	220	HARK-S/S	77364	125	HSA8SS	73047	148	HV-48S	76254	70
FLTW-M-SP	77408	220	HBTk	74776	148	HSA8SSS	75565	148	HV-48SS	76106	70
FLTW-XL-SP	77410	220	HDARK	74550	148	HSSCS	74772	74	HV-54L	76259	70

INDEX By Ordering Number

Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #
HV-54LL	76260	70	HVP-48L	76278	72	HXF2-S	75980	148	ICT6	74535	117
HV-54M	76258	70	HVP-48LL	76279	72	HXF2-SS	75979	68	ICT6	74535	120
HV-54S	76107	70	HVP-48M	76277	72	HXF2-SS	75979	74	ICT6	74535	149
HV-60L	76262	70	HVP-48S	76129	72	HXF2-SS	75979	148	ICT6-S/S	78700	108
HV-60LL	76263	70	HVP-54L	76281	72	HXF8L	74691	68	IDHINGE	79316	142
HV-60M	76261	70	HVP-54LL	76282	72	HXF8L	74691	148	IDLATCH	79317	142
HV-60S	76108	70	HVP-54M	76280	72	HXF8M	74690	68	IDSC-1212	79311	142
HV-72L	76265	70	HVP-54S	76130	72	HXF8M	74690	148	IDSC-1218	79312	142
HV-72LL	76266	70	HVP-60L	76284	72	HXF8S	74689	68	IDSC-1824	79313	142
HV-72M	76264	70	HVP-60LL	76285	72	HXF8S	74689	148	IDSC-2424	79314	142
HV-72S	76109	70	HVP-60M	76283	72	HXF8SS	74307	68	IDSEAL	79315	142
HV2-18M	79325	65	HVP-60S	76131	72	HXF8SS	74307	148	IEA-42-60	76937	195
HV2-18S	79324	65	HVP-72L	76287	72	HXFC2	75902	74	IEA-72-96	76938	195
HV2-18SS	79323	65	HVP-72LL	76288	72	HXFC2	75902	148	IMK	76936	189
HV2-24M	79328	65	HVP-72M	76286	72	IB4	76926	175	IMK	76936	191
HV2-24S	79327	65	HVP-72S	76132	72	IB4	76926	178	IMK	76936	193
HV2-24SS	79326	65	HVPT	73631	72	IB4	76926	181	INDR-1212	79303	142
HV2-30M	79331	65	HVPT	73631	74	IB4	76926	189	INDR-1212S	79307	142
HV2-30S	79330	65	HVPT	73631	148	IB4	76926	191	INDR-1218	79304	142
HV2-30SS	79329	65	HVT8-S/S	75419	70	IB4	76926	193	INDR-1218S	79308	142
HV2-36L	79335	65	HVT8-S/S	75419	74	IB4-1U	76965	197	INDR-1824	79305	142
HV2-36M	79334	65	HVT8-S/S	75419	75	IB5	76927	175	INDR-1824S	79309	142
HV2-36S	79333	65	HVT8-S/S	75419	148	IB5	76927	178	INDR-2424	79306	142
HV2-36SS	79332	65	HW-BC	74100	147	IB5	76927	181	INDR-2424S	79310	142
HV2-42L	79339	65	HW-IMPB	76939	197	IB5	76927	189	ISABK	76935	195
HV2-42LL	79340	65	HXF2-18M	76290	68	IB5	76927	191	ISABK-LMH	77529	189
HV2-42M	79338	65	HXF2-18S	76289	68	IB5	76927	193	ISABK-LMH	77529	191
HV2-42S	79337	65	HXF2-18SS	76138	68	IB5	76927	195	ISABK-LMH	77529	193
HV2-42SS	79336	65	HXF2-24M	76292	68	IB5-1U	76966	197	ISC	74534	149
HV2-48L	79344	65	HXF2-24S	76291	68	IBBK	76928	172	JNK-A	79891	19
HV2-48LL	79345	65	HXF2-24SS	76139	68	IBBK	76928	175	JNK-B	79892	29
HV2-48M	79343	65	HXF2-30M	76294	68	IBBK	76928	178	JNK-C	79893	39
HV2-48S	79342	65	HXF2-30S	76293	68	IBBK	76928	181	JNK-C	79893	47
HV2-48SS	79341	65				IBBK	76928	189	JNK-C	79893	67
HV2-54L	79348	65	HXF2-30SS	76140	68	IBBK	76928	191	JNK-C	79893	74
HV2-54LL	79349	65	HXF2-36L	76297	68	IBBK	76928	193	JNK-C	79893	106
HV2-54M	79347	65	HXF2-36M	76296	68	IBBK	76928	195	JNK-C	79893	120
HV2-54S	79346	65	HXF2-36S	76295	68	IBS-D5	77530	195	JNK-C	79893	124
HV2-60L	79352	65	HXF2-36SS	76141	68	IBS-H4	76933	193	JNK-C	79893	129
HV2-60LL	79353	65	HXF2-42L	76300	68	IBS-H5	76934	193	JNK-D	79894	55
HV2-60M	79351	65	HXF2-42M	76299	68	IBS-L4	76929	189	JNK-D	79894	60
HV2-60S	79350	65	HXF2-42S	76298	68	IBS-L5	76930	189	JNK-E	79895	120
HV2-72L	79356	65	HXF2-42SS	76142	68	IBS-M4	76931	181	JNK-F	79896	124
HV2-72M	79355	65	HXF2-48L	76303	68	IBS-M4	76931	191	LAGGING-TB	79080	225
HV2-72S	79354	65	HXF2-48M	76302	68	IBS-M5	76932	181	LAGGING-TB2	79099	225
HV2PT	79368	65	HXF2-48S	76301	68	IBS-M5	76932	191	LS-BP	77114	29
HV2PT	79368	67	HXF2-48SS	76143	68	ICT6	74535	76	LS-BP-S/S	77115	33
HV2SSTS	79375	67	HXF2-54L	76306	68	ICT6	74535	77	LS-SPK	77365	29
HV2T-S/S	79367	65	HXF2-54M	76305	68	ICT6	74535	79	LS-SS	77118	29
HV2T-S/S	79367	67	HXF2-54S	76304	68	ICT6	74535	88	LS-SW	77117	29
HVP-18L	76268	72	HXF2-54SS	76144	68	ICT6	74535	89	LS-SW-S/S	78850	33
HVP-18M	76267	72	HXF2-60L	76308	68	ICT6	74535	91	LSHD-RPK	30390	221
HVP-18S	76124	72	HXF2-60M	76307	68	ICT6	74535	92	LSHD30	30393	221
HVP-24L	76270	72	HXF2-60S	76145	68	ICT6	74535	94	LSHD36	30394	221
HVP-24M	76269	72	HXF2-72L	76310	68	ICT6	74535	95	LSHD42	30395	221
HVP-24S	76125	72	HXF2-72M	76309	68	ICT6	74535	98	LSHD48	30396	221
HVP-30L	76272	72	HXF2-72S	76146	68	ICT6	74535	99	LSHD54	30397	221
HVP-30M	76271	72	HXF2-L	75982	68	ICT6	74535	101	LSHD60	30398	221
HVP-30S	76126	72	HXF2-L	75982	74	ICT6	74535	102	LSHD72	30399	221
HVP-36L	76274	72	HXF2-L	75982	148	ICT6	74535	106	LSHDB30-2	30418	221
HVP-36M	76273	72	HXF2-M	75981	68	ICT6	74535	108	LSHDB36-2	30414	221
HVP-36S	76127	72	HXF2-M	75981	74	ICT6	74535	109	LSHDB42-2	30421	221
HVP-42L	76276	72	HXF2-M	75981	148	ICT6	74535	112	LSHDB48-2	30423	221
HVP-42M	76275	72	HXF2-S	75980	68	ICT6	74535	113	LSHDB54-2	30424	221
HVP-42S	76128	72	HXF2-S	75980	74	ICT6	74535	116	LSHDB60-2	30430	221

INDEX By Ordering Number

Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #
LSHDB72-2	30408	221	MBCBL	79532	132	MCSHD	74931	214	MHCP-BCK24	75953	58
LSHDCBS	30373	221	MBCBM	79528	132	MCSHD	74931	215	MHCP-BCK30	75954	58
LSHDLP	30400	221	MBCDBK	79536	130	MCSK	74927	213	MHCP-BCK36	75955	58
LSHDS	30392	221	MBCDBK	79536	132	MCSK	74927	214	MHCP-BCK42	75956	58
LSP12	77070	29	MBCDBK	79536	140	MCSK	74927	215	MHCP-BCK48	75957	58
LSP12-S/S	77079	33	MBCEC	79534	132	MCSKHD	74928	213	MHCP-BCK54	75958	58
LSP18	77071	29	MBCM-1	79529	132	MCSKHD	74928	214	MHCP-BCK60	75959	58
LSP18-S/S	77080	33	MBCM-2	79530	132	MCSKHD	74928	215	MHCP-BCK72	75960	58
LSP24	77072	29	MBCM-575-1	79924	132	MCSKSD	74929	214	MHCP-BCK84	76810	58
LSP24-S/S	77081	33	MBCM-575-2	79925	132	MCSKSD	74929	215	MHCP-BCK96	78957	58
LSP30	77073	29	MBCMK	79524	132	MCSSD	74932	214	MHCP-BPA24	75945	58
LSP30-S/S	77082	33	MBCMKK	79533	132	MCSSD	74932	215	MHCP-BPA30	75946	58
LSP36	77074	29	MBCTA	79531	132	MDWS-24	75868	126	MHCP-BPA36	75947	58
LSP36-S/S	77083	33	MBDS-18	79504	132	MDWS-24P	78745	126	MHCP-BPA42	75948	58
LSP42	77075	29	MBDS-24	79505	132	MDWS-30	75869	126	MHCP-BPA48	75949	58
LSP42-S/S	77084	33	MBDS-30	79506	132	MDWS-30P	78746	126	MHCP-BPA54	75950	58
LSP48	77076	29	MBDS-36	79507	132	MDWS-36	75870	126	MHCP-BPA60	75951	58
LSP48-S/S	77085	33	MBDS-42	79508	132	MDWS-36P	78747	126	MHCP-BPA72	75952	58
LSP54	77077	29	MBDS-48	79509	132	MDWS-42	75871	126	MHCP-BPA84	76809	58
LSP54-S/S	77086	33	MBDS-54	79510	132	MDWS-42P	78748	126	MHCP-BPA96	78956	58
LSP60	77078	29	MBDS-60	79511	132	MDWS-48	75872	126	MHCP-BS	76394	60
LSP60-S/S	77087	33	MBDS-72	79512	132	MDWS-48P	78749	126	MHCP-CH	76393	60
LST-B-S/S	77124	33	MBDS-84	79513	132	MDWS-54	75873	126	MHP-1230	77713	49
LST-P	77121	29	MBRD-18	79514	130	MDWS-54P	78750	126	MHP-1230P	78609	50
LST-S	77123	29	MBRD-18	79514	132	MDWS-60	75874	126	MHP-1236	77714	49
LST-TAK	77120	29	MBRD-24	79515	130	MDWS-60P	78751	126	MHP-1236P	78610	50
LST-W	77122	29	MBRD-24	79515	132	MDWS-72	75875	126	MHP-1242	77715	49
LST-W-S/S	77125	33	MBRD-30	79516	130	MDWS-72P	78752	126	MHP-1242P	78611	50
LST-W-S/S-2	77126	33	MBRD-30	79516	132	MDWS-84	76806	126	MHP-1248	77716	49
LSTMPK	77366	29	MBRD-36	79517	130	MDWS-84P	78753	126	MHP-1248P	78612	50
LSTMPK-S/S	78933	33	MBRD-36	79517	132	MDWS-96	79063	126	MHP-1254	77717	49
LSTMPK2-S/S	78462	33	MBRD-42	79518	130	MDWS-96P	79064	126	MHP-1254P	78613	50
LSTPB-RK	77367	29	MBRD-42	79518	132	MFASK	75531	214	MHP-1260	77718	49
MAK	74918	214	MBRD-48	79519	130	MFASKHD	79571	214	MHP-1260P	78614	50
MAK2	79381	214	MBRD-48	79519	132	MFASKHD-S/S	90050	215	MHP-1272	77719	49
MAK2-S/S	90048	215	MBRD-54	79520	130	MHCP-24P	78723	56	MHP-1272P	78615	50
MAKHD	74919	214	MBRD-54	79520	132	MHCP-24S	75929	56	MHP-1284	77720	49
MAKHD2	79382	214	MBRD-60	79521	130	MHCP-2BC24	76638	60	MHP-1284P	78616	50
MAKHD2-S/S	90049	215	MBRD-60	79521	132	MHCP-2BC30	76639	60	MHP-1296	77721	49
MAKSD	74920	214	MBRD-72	79522	130	MHCP-2BC36	76640	60	MHP-1296P	78617	50
MAKSD-S/S	90057	215	MBRD-72	79522	132	MHCP-2BC42	76641	60	MHP-1836	78591	49
MAPEK	76024	140	MBRD-84	79523	130	MHCP-2BC48	76642	60	MHP-1836P	78618	50
MBADB	79527	132	MBRD-84	79523	132	MHCP-2BC54	76643	60	MHP-1842	78592	49
MBC-18	79494	130	MCB	74925	213	MHCP-2BC60	76644	60	MHP-1842P	78619	50
MBC-18-575V	79914	130	MCB	74925	214	MHCP-2BC72	76645	60	MHP-1848	78593	49
MBC-24	79495	130	MCB	74925	215	MHCP-2BC84	76812	60	MHP-1848P	78620	50
MBC-24-575V	79915	130	MCBK	76025	213	MHCP-2BC96	78986	60	MHP-1854	78594	49
MBC-30	79496	130	MCBK	76025	214	MHCP-30P	78724	56	MHP-1854P	78621	50
MBC-30-575V	79916	130	MCBK	76025	215	MHCP-30S	75930	56	MHP-1860	78595	49
MBC-36	79497	130	MCBKHD	76026	213	MHCP-36P	78725	56	MHP-1860P	78622	50
MBC-36-575V	79917	130	MCBKHD	76026	214	MHCP-36S	75931	56	MHP-1872	78596	49
MBC-42	79498	130	MCBKHD	76026	215	MHCP-42P	78726	56	MHP-1872P	78623	50
MBC-42-575V	79918	130	MCBKSD	76027	214	MHCP-42S	75932	56	MHP-1884	78597	49
MBC-48	79499	130	MCBKSD	76027	215	MHCP-48P	78727	56	MHP-1884P	78624	50
MBC-48-575V	79919	130	MCBSD	74926	214	MHCP-48S	75933	56	MHP-1896	78598	49
MBC-54	79500	130	MCBSD	74926	215	MHCP-54P	78728	56	MHP-1896P	78625	50
MBC-54-575V	79920	130	MCRK	74923	213	MHCP-54S	75934	56	MHP-2442	78669	49
MBC-60	79501	130	MCRK	74923	214	MHCP-60P	78729	56	MHP-2442P	78676	50
MBC-60-575V	79921	130	MCRK	74923	215	MHCP-60S	75935	56	MHP-2448	78670	49
MBC-72	79502	130	MCRKSD	74924	214	MHCP-72P	78730	56	MHP-2448P	78677	50
MBC-72-575V	79922	130	MCRKSD	74924	215	MHCP-72S	75936	56	MHP-2454	78671	49
MBC-84	79503	130	MCS	74930	213	MHCP-84P	78731	56	MHP-2454P	78678	50
MBC-84-575V	79923	130	MCS	74930	214	MHCP-84S	76800	56	MHP-2460	78672	49
MBCB	79526	132	MCS	74930	215	MHCP-96P	78959	56	MHP-2460P	78679	50
MBCBC	79525	132	MCSHD	74931	213	MHCP-96S	78955	56	MHP-2472	78673	49

INDEX By Ordering Number

Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #
MHP-2472P	78680	50	MHS-24V-MST	79443	100	MHS-54P	78741	102	MHS-96RU	79747	101
MHP-2484	78674	49	MHS-24V-S/S	77610	104	MHS-54R	76618	102	MHS-96RUV	79758	101
MHP-2484P	78681	50	MHS-30	75911	99	MHS-54R-S/S	77645	104	MHS-96RV	79046	102
MHP-2496	78675	49	MHS-30-ESAC	77841	117	MHS-54RMV	79630	100	MHS-96RV-S/S	79051	104
MHP-2496P	78682	50	MHS-30-S/S	77602	104	MHS-54RU	79743	101	MHS-96V	79044	99
MHP-624	77703	49	MHS-30P	78737	102	MHS-54RUV	79754	101	MHS-96V-2ESAC	77864	117
MHP-624P	78599	50	MHS-30R	76614	102	MHS-54RV	76652	102	MHS-96V-S/S	79049	104
MHP-630	77704	49	MHS-30R-S/S	77641	104	MHS-54RV-S/S	77654	104	MHS-CARK-C24/600	77929	118
MHP-630P	78600	50	MHS-30RMV	79626	100	MHS-54V	76175	99	MHS-CARK-C30/750	77930	118
MHP-636	77705	49	MHS-30RU	79739	101	MHS-54V-ESAC	77858	117	MHS-CARK-C36/900	77931	118
MHP-636P	78601	50	MHS-30RUV	79750	101	MHS-54V-MST	79448	100	MHS-CARK-C42/1050	77932	118
MHP-642	77706	49	MHS-30RV	76648	102	MHS-54V-S/S	77615	104	MHS-CARK-C48/1200	77933	118
MHP-642P	78602	50	MHS-30RV-S/S	77650	104	MHS-60	75916	99	MHS-CARK-C54/1350	77934	118
MHP-648	77707	49	MHS-30V	76171	99	MHS-60-2ESAC	77848	117	MHS-CARK-C60/1500	77935	118
MHP-648P	78603	50	MHS-30V-ESAC	77854	117	MHS-60-ESAC	77846	117	MHS-CARK-C72/1800	77936	118
MHP-654	77708	49	MHS-30V-MST	79444	100	MHS-60-S/S	77607	104	MHS-CARK-V24/600	77937	118
MHP-654P	78604	50	MHS-30V-S/S	77611	104	MHS-60P	78742	102	MHS-CARK-V30/750	77938	118
MHP-660	77709	49	MHS-36	75912	99	MHS-60R	76619	102	MHS-CARK-V36/900	77939	118
MHP-660P	78605	50	MHS-36-ESAC	77842	117	MHS-60R-S/S	77646	104	MHS-CARK-V42/1050	77940	118
MHP-672	77710	49	MHS-36-S/S	77603	104	MHS-60RMV	79631	100	MHS-CARK-V48/1200	77941	118
MHP-672P	78606	50	MHS-36P	78738	102	MHS-60RU	79744	101	MHS-CARK-V54/1350	77942	118
MHP-684	77711	49	MHS-36R	76615	102	MHS-60RUV	79755	101	MHS-CARK-V60/1500	77943	118
MHP-684P	78607	50	MHS-36R-S/S	77642	104	MHS-60RV	76653	102	MHS-CARK-V72/1800	77944	118
MHP-696	77712	49	MHS-36RMV	79627	100	MHS-60RV-S/S	77655	104	MHS-CARK2-C120/3000	77949	118
MHP-696P	78608	50	MHS-36RU	79740	101	MHS-60V	76176	99	MHS-CARK2-C60/1500	77945	118
MHP-CP24	75961	60	MHS-36RUV	79751	101	MHS-60V-2ESAC	77861	117	MHS-CARK2-C72/1800	77946	118
MHP-CP30	75962	60	MHS-36RV	76649	102	MHS-60V-ESAC	77859	117	MHS-CARK2-C84/2100	77947	118
MHP-CP36	75963	60	MHS-36RV-S/S	77651	104	MHS-60V-MST	79449	100			
MHP-CP42	75964	60	MHS-36V	76172	99	MHS-60V-S/S	77616	104	MHS-CARK2-C96/2400	77948	118
MHP-CP48	75965	60	MHS-36V-ESAC	77855	117	MHS-72	75917	99	MHS-CARK2-V120/3000	77954	118
MHP-CP54	75966	60	MHS-36V-MST	79445	100	MHS-72-2ESAC	77849	117	MHS-CARK2-V60/1500	77950	118
MHP-CP60	75967	60	MHS-36V-S/S	77612	104	MHS-72-ESAC	77847	117	MHS-CARK2-V72/1800	77951	118
MHP-CP72	75968	60	MHS-42	75913	99	MHS-72-S/S	77608	104	MHS-CARK2-V84/2100	77952	118
MHP-CP84	76811	60	MHS-42-ESAC	77843	117	MHS-72P	78743	102	MHS-CARK2-V96/2400	77953	118
MHP-CP96	78958	60	MHS-42-S/S	77604	104	MHS-72R	76620	102	MHSP-18	76178	98
MHP-EP	76392	47	MHS-42P	78739	102	MHS-72R-S/S	77647	104	MHSP-18	76178	106
MHP-EP	76392	55	MHS-42R	76616	102	MHS-72RMV	79632	100	MHSP-24	75918	98
MHP-EP	76392	60	MHS-42R-S/S	77643	104	MHS-72RU	79745	101	MHSP-24	75918	106
MHP-EP	76392	112	MHS-42RMV	79628	100	MHS-72RUV	79756	101	MHSP-30	75919	98
MHP-EP	76392	116	MHS-42RU	79741	101	MHS-72RV	76654	102	MHSP-30	75919	106
MHP-EP	76392	120	MHS-42RUV	79752	101	MHS-72RV-S/S	77656	104	MHSP-36	75920	98
MHP-EP-S/S	77599	48	MHS-42RV	76650	102	MHS-72V	76177	99	MHSP-36	75920	106
MHPBPK	77728	55	MHS-42RV-S/S	77652	104	MHS-72V-2ESAC	77862	117	MHSP-42	75921	98
MHPMPK	77727	55	MHS-42V	76173	99	MHS-72V-ESAC	77860	117	MHSP-42	75921	106
MHPMPK	77727	60	MHS-42V-ESAC	77856	117	MHS-72V-MST	79450	100	MHSP-48	75922	98
MHS-120-2ESAC	77852	117	MHS-42V-MST	79446	100	MHS-72V-S/S	77617	104	MHSP-48	75922	106
MHS-120V-2ESAC	77865	117	MHS-42V-S/S	77613	104	MHS-84	76803	99	MHSP-54	75923	98
MHS-18RMV	79624	100	MHS-48	75914	99	MHS-84-2ESAC	77850	117	MHSP-54	75923	106
MHS-18RUV	79748	101	MHS-48-ESAC	77844	117	MHS-84-S/S	77609	104	MHSP-60	75924	98
MHS-18RV	76646	102	MHS-48-S/S	77605	104	MHS-84P	78744	102	MHSP-60	75924	106
MHS-18V	76169	99	MHS-48P	78740	102	MHS-84R	76621	102	MHSP-72	75925	98
MHS-18V-MST	79442	100	MHS-48R	76617	102	MHS-84R-S/S	77648	104	MHSP-72	75925	106
MHS-24	75910	99	MHS-48R-S/S	77644	104	MHS-84RU	79746	101	MHSP-84	76814	106
MHS-24-ESAC	77840	117	MHS-48RMV	79629	100	MHS-84RUV	79757	101	MHSP-96	79052	106
MHS-24-S/S	77601	104	MHS-48RU	79742	101	MHS-84RV	76805	102	MHSP24-S/S	77620	108
MHS-24P	78736	102	MHS-48RUV	79753	101	MHS-84RV-S/S	77657	104	MHSP30-S/S	77621	108
MHS-24R	76613	102	MHS-48RV	76651	102	MHS-84V	76804	99	MHSP36-S/S	77622	108
MHS-24R-S/S	77640	104	MHS-48RV-S/S	77653	104	MHS-84V-2ESAC	77863	117	MHSP42-S/S	77623	108
MHS-24RMV	79625	100	MHS-48V	76174	99	MHS-84V-S/S	77618	104	MHSP48-S/S	77624	108
MHS-24RU	79738	101	MHS-48V-ESAC	77857	117	MHS-96	79043	99	MHSP54-S/S	77625	108
MHS-24RUV	79749	101	MHS-48V-MST	79447	100	MHS-96-2ESAC	77851	117	MHSP60-S/S	77626	108
MHS-24RV	76647	102	MHS-48V-S/S	77614	104	MHS-96-S/S	79048	104	MHSP72-S/S	77627	108
MHS-24RV-S/S	77649	104	MHS-54	75915	99	MHS-96P	79047	102	MHSP84-S/S	77628	108
MHS-24V	76170	99	MHS-54-ESAC	77845	117	MHS-96R	79045	102	MHSP96-S/S	79053	108
MHS-24V-ESAC	77853	117	MHS-54-S/S	77606	104	MHS-96R-S/S	79050	104	MBI2-1U	79379	184

INDEX By Ordering Number

Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #
MIB2-1U	79379	187	MMP-1242-S/S	77435	42	MMPCP30	76459	47	MSP-224-S/S	77453	36
MIB2-1UF	79908	184				MMPCP30	76459	55	MSP-230	75788	34
MIB2-1UF	79908	187	MMP-1242P	78717	43	MMPCP30-S/S	77591	48	MSP-230-S/S	77454	36
MIB24-2H	79971	185	MMP-1248	76554	41	MMPCP36	76460	47	MSP-236	75789	34
MIB24CPK	90253	187	MMP-1248-S/S	77436	42	MMPCP36	76460	55	MSP-236-S/S	77455	36
MIB24CSK	90237	184	MMP-1248P	78718	43	MMPCP36-S/S	77592	48	MSP-242	75790	34
MIB24CSK	90237	187	MMP-1254	76555	41	MMPCP42	76461	47	MSP-242-S/S	77456	36
MIB24WPK	90245	184	MMP-1254-S/S	77437	42	MMPCP42	76461	55	MSP-248	75791	34
MIB24WPK	90245	187	MMP-1254P	78719	43	MMPCP42-S/S	77593	48	MSP-248-S/S	77457	36
MIB30-2H	79972	185	MMP-1260	76556	41	MMPCP48	76462	47	MSP-254	75792	34
MIB30CPK	90254	187	MMP-1260-S/S	77438	42	MMPCP48	76462	55	MSP-254-S/S	77458	36
MIB30CSK	90238	184	MMP-1260P	78720	43	MMPCP48-S/S	77594	48	MSP-260	75793	34
MIB30CSK	90238	187	MMP-1272	76557	41	MMPCP54	76463	47	MSP-260-S/S	77459	36
MIB30WPK	90246	184	MMP-1272-S/S	77439	42	MMPCP54	76463	55	MSP-272	75794	34
MIB30WPK	90246	187	MMP-1272P	78721	43	MMPCP54-S/S	77595	48	MSP-272-S/S	77460	36
MIB36-2H	79973	185	MMP-1284	76799	41	MMPCP60	76464	47	MSP-284	76796	34
MIB36CPK	90255	187	MMP-1284-S/S	77440	42	MMPCP60	76464	55	MSP-284-S/S	77461	36
MIB36CSK	90239	184	MMP-1284P	78722	43	MMPCP60-S/S	77596	48	MSP-824	75795	34
MIB36CSK	90239	187	MMP-1296	79034	41	MMPCP72	76465	47	MSP-824-S/S	77462	36
MIB36WPK	90247	184	MMP-1296-S/S	79036	42	MMPCP72	76465	55	MSP-830	75796	34
MIB36WPK	90247	187	MMP-1296P	79038	43	MMPCP72-S/S	77597	48	MSP-830-S/S	77463	36
MIB42-2H	79974	185	MMP-1836	77575	41	MMPCP84	76808	47	MSP-836	75797	34
MIB42CPK	90256	187	MMP-1842	77576	41	MMPCP84	76808	55	MSP-836-S/S	77464	36
MIB42CSK	90240	184	MMP-1848	77577	41	MMPCP84-S/S	77598	48	MSP-842	75798	34
MIB42CSK	90240	187	MMP-1854	77578	41	MMPCP96	77722	47	MSP-842-S/S	77465	36
MIB42WPK	90248	184	MMP-1860	77579	41	MMPCP96	77722	55	MSP-848	75799	34
MIB42WPK	90248	187	MMP-1872	77580	41	MMPCP96-S/S	78686	48	MSP-848-S/S	77466	36
MIB48-2H	79975	185	MMP-1884	77581	41	MMPK	76537	49	MSP-854	75800	34
MIB48CPK	90257	187	MMP-1896	79040	41	MMPK	76537	56	MSP-854-S/S	77467	36
MIB48CSK	90241	184	MMP-624	76450	41	MMPK	76537	140	MSP-860	75801	34
MIB48CSK	90241	187	MMP-624-S/S	77424	42	MORK	74921	214	MSP-860-S/S	77468	36
MIB48WPK	90249	184	MMP-624P	78706	43	MORK	74921	215	MSP-872	75802	34
MIB48WPK	90249	187	MMP-630	76451	41	MORKSD	74922	214	MSP-872-S/S	77470	36
MIB54-2H	79976	185	MMP-630-S/S	77425	42	MORKSD	74922	215	MSP-884	76797	34
MIB54CPK	90258	187	MMP-630P	78707	43	MRB18	77531	52	MSP-884-S/S	77471	36
MIB54CSK	90242	184	MMP-636	76452	41	MRB24	77532	52	MSP-UHT1442	91280	35
MIB54CSK	90242	187	MMP-636-S/S	77426	42	MRB30	77533	52	MSP-UHT1448	91281	35
MIB54WPK	90250	184	MMP-636P	78708	43	MRB36	77534	52	MSP-UHT1454	91282	35
MIB54WPK	90250	187	MMP-642	76453	41	MRB42	77535	52	MSP-UHT1460	91283	35
MIB60-2H	79977	185	MMP-642-S/S	77427	42	MRB48	77536	52	MSP-UHT1472	91284	35
MIB60CPK	90259	187	MMP-642P	78709	43	MRB54	77537	52	MSP-UHT224	91264	35
MIB60CSK	90243	184	MMP-648	76454	41	MRB60	77538	52	MSP-UHT230	91265	35
MIB60CSK	90243	187	MMP-648-S/S	77428	42	MRB66	77539	52	MSP-UHT236	91266	35
MIB60WPK	90251	184	MMP-648P	78710	43	MRB72	77540	52	MSP-UHT242	91267	35
MIB60WPK	90251	187	MMP-654	76455	41	MRB78	77541	52	MSP-UHT248	91268	35
MIB72-2H	79978	185	MMP-654-S/S	77429	42	MRB84	77542	52	MSP-UHT254	91269	35
MIB72CPK	90260	187	MMP-654P	78711	43	MRB90	77543	52	MSP-UHT260	91270	35
MIB72CSK	90244	184	MMP-660	76456	41	MSB24-2I	79979	182	MSP-UHT272	91271	35
MIB72CSK	90244	187	MMP-660-S/S	77430	42	MSB24RMK	79991	182	MSP-UHT824	91272	35
MIB72WPK	90252	184	MMP-660P	78712	43	MSB30-2I	79980	182	MSP-UHT830	91273	35
MIB72WPK	90252	187	MMP-672	76457	41	MSB30RMK	79992	182	MSP-UHT836	91274	35
MMBK	75830	49	MMP-672-S/S	77431	42	MSB36-2I	79981	182	MSP-UHT842	91275	35
MMBK	75830	56	MMP-672P	78713	43	MSB36RMK	79993	182	MSP-UHT848	91276	35
MMBK	75830	140	MMP-684	76798	41	MSB42-2I	79982	182	MSP-UHT854	91277	35
MMKU	77324	124	MMP-684-S/S	77432	42	MSB42RMK	79994	182	MSP-UHT860	91278	35
MMKU-S/S	77357	125	MMP-684P	78714	43	MSB48-2I	79983	182	MSP-UHT872	91279	35
MMKUHD	77327	124	MMP-696	79033	41	MSB48RMK	79995	182	MSPBPK	75831	39
MMKUHD-S/S	77358	125	MMP-696-S/S	79035	42	MSB54-2I	79984	182	MSPBPK	75831	129
MMP-1230	76551	41	MMP-696P	79037	43	MSB54RMK	79996	182	MSPBPK-S/S	77583	24
MMP-1230-S/S	77433	42	MMPBPK	76466	47	MSB60-2I	79985	182	MSPBPK-S/S	77583	40
MMP-1230P	78715	43	MMPBPK	76466	155	MSB60RMK	79997	182	MSPMPK	75811	39
MMP-1236	76552	41	MMPBPK-S/S	77600	48	MSB72-2I	79986	182	MSPMPK	75811	47
MMP-1236-S/S	77434	42	MMPCP24	76458	47	MSB72RMK	79998	182	MSPMPK	75811	67
MMP-1236P	78716	43	MMPCP24	76458	55	MSBRMK	79987	184	MSPMPK	75811	74
MMP-1242	76553	41	MMPCP24-S/S	77590	48	MSP-224	75787	34	MSPMPK-S/S	77582	40

INDEX By Ordering Number

Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #
MSPMPK-S/S	77582	48	MXP-1254	90583	61	P-CARK-C54/1350	78077	110	PATLK	78791	57
MSPP24	75803	39	MXP-1260	90584	61	P-CARK-C60/1500	78078	110	PATLK	78791	103
MSPP24-S/S	77472	40	MXP-1272	90585	61	P-CARK-C72/1800	78079	110	PATLK	78791	127
MSPP30	75804	39	MXP-1284	90586	61	P-CARK-V24/600	78080	110	PC120-2ESAC	77967	109
MSPP30	75804	129	MXP-1296	90587	61	P-CARK-V30/750	78081	110	PC18	74566	88
MSPP30-S/S	77473	40	MXP-6108	90642	61	P-CARK-V36/900	78082	110	PC24	74567	88
MSPP36	75805	39	MXP-6120	90400	61	P-CARK-V42/1050	78083	110	PC24-ESAC	77955	109
MSPP36	75805	129	MXP-642	90393	61	P-CARK-V48/1200	78084	110	PC30	74568	88
MSPP36-S/S	77474	40	MXP-648	90394	61	P-CARK-V54/1350	78085	110	PC30-ESAC	77956	109
MSPP42	75806	39	MXP-654	90395	61	P-CARK-V60/1500	78086	110	PC36	74569	88
MSPP42	75806	129	MXP-660	90396	61	P-CARK-V72/1800	78087	110	PC36-ESAC	77957	109
MSPP42-S/S	77475	40	MXP-672	90397	61	P-CARK2-C120/3000	78092	110	PC42	74570	88
MSPP48	75807	39	MXP-684	90398	61	P-CARK2-C60/1500	78088	110	PC42-ESAC	77958	109
MSPP48	75807	129	MXP-696	90399	61	P-CARK2-C72/1800	78089	110	PC48	74571	88
MSPP48-S/S	77476	40	MXPP-12108	90645	64	P-CARK2-C84/2100	78090	110	PC48-ESAC	77959	109
MSPP54	75808	39	MXPP-12120	90629	64	P-CARK2-C96/2400	78091	110	PC54	74572	88
MSPP54	75808	129	MXPP-1242	90622	64	P-CARK2-V120/3000	78097	110	PC54-ESAC	77960	109
MSPP54-S/S	77477	40	MXPP-1248	90623	64	P-CARK2-V60/1500	78093	110	PC60	74573	88
MSPP60	75809	39	MXPP-1254	90624	64	P-CARK2-V72/1800	78094	110	PC60-2ESAC	77963	109
MSPP60	75809	129	MXPP-1260	90625	64	P-CARK2-V84/2100	78095	110	PC60-ESAC	77961	109
MSPP60-S/S	77478	40	MXPP-1272	90626	64	P-CARK2-V96/2400	78096	110	PC72	74574	88
MSPP66	76695	129	MXPP-1284	90627	64	PAB	75513	79	PC72-2ESAC	77964	109
MSPP72	75810	39	MXPP-1296	90628	64	PAB	75513	91	PC72-ESAC	77962	109
MSPP72-S/S	77479	40	MXPP-6108	90644	64	PAB	75513	94	PC84-2ESAC	77965	109
MSPP84	76807	39	MXPP-6120	90596	64	PAB	75513	112	PC96-2ESAC	77966	109
MSPP84-S/S	77480	40	MXPP-642	90589	64	PAB	75513	116	PCAP-24/600	77913	112
MSPPL	75816	39	MXPP-648	90590	64	PAB	75513	133	PCAP-30/750	77914	112
MSPPL	75816	67	MXPP-654	90591	64	PAB	75513	149	PCAP-36/900	77915	112
MSPPL	75816	74	MXPP-660	90592	64	PACB100	79656	107	PCAP-42/1050	77916	112
MSPPL-S/S	77524	40	MXPP-672	90593	64	PACB100	79656	129	PCAP-48/1200	77917	112
MSR	74914	214	MXPP-684	90594	64	PACB100	76956	136	PCAP-54/1350	77918	112
MSR2	79378	213	MXPP-696	90595	64	PACB60	78683	47	PCAP-60/1500	77919	112
MSR2	79378	214	MXPPBK	90607	64	PACB60	78683	55	PCAP-72/1800	77920	112
MSR2-S/S	90046	215	MXPPE	90598	64	PACB60	78683	60	PFC	75927	106
MSRSD	74915	214	N/A	N/A	21	PAK	78705	47	PFC	75927	120
MSRSD-S/S	90055	215	N6D3T-24-9-A45	26107	172	PAK	78705	55	PFC-SS	76560	106
MST-MBL	79436	98	N6D3T-30-11-A45	26108	172	PAK	78705	58	PFC-SS	76560	108
MST-MBL	79436	107	N6D3T-36-13-A45	26109	172	PAK	78705	60	PFRS	76622	102
MST-MBR	79437	98	N6D3T-42-15-A45	26110	172	PANK	78799	44	PFRS	76622	106
MST-MBR	79437	107	N6D3T-48-17-A45	26111	172	PANK	78799	51	PFRS	76622	108
MSTAM	79435	98	N6D3T-54-19-A45	26112	172	PANK	78799	57	PFRS	76622	117
MSTAM	79435	107	N6D3T-60-21-A45	26113	172	PANK	78799	103	PFRS	76622	120
MSTBK	79440	98	N6D3T-72-25-A45	26114	172	PANK	78799	127	PFS-ESAC	79073	117
MSTBK	79440	107	NI6D3T-24-9-A45	26184	175	PAT1	78684	44	PFS-ESAC	79073	120
MSTCHD	79439	98	NI6D3T-24-9-A45	26184	184	PAT1	78684	51	PHA	73626	91
MSTCHD	79439	107	NI6D3T-30-11-A45	26185	175	PAT1	78684	57	PHA	73626	112
MSTDB	79434	96	NI6D3T-30-11-A45	26185	184	PAT1	78684	103	PLSC18	75588	89
MSTDB	79434	98	NI6D3T-36-13-A45	26186	175	PAT1	78684	127	PLSC24	75589	89
MSTDB	79434	100	NI6D3T-36-13-A45	26186	184	PAT2	78685	44	PLSC30	75590	89
MSTDB	79434	107	NI6D3T-42-15-A45	26187	175	PAT2	78685	51	PLSC36	75591	89
MSTDB	79434	140	NI6D3T-42-15-A45	26187	184	PAT2	78685	57	PLSC42	75592	89
MSTGT	79441	98	NI6D3T-48-17-A45	26188	175	PAT2	78685	103	PLSC48	75593	89
MSTGT	79441	107	NI6D3T-48-17-A45	26188	184	PAT2	78685	127	PLSC54	75594	89
MSTHD-B	79433	98	NI6D3T-54-19-A45	26189	175	PATHK	78794	44	PLSP18	75595	91
MSTHD-B	79433	107	NI6D3T-54-19-A45	26189	184	PATHK	78794	51	PLSP24	75596	91
MSTHD-S	79432	98	NI6D3T-60-21-A45	26190	175	PATHK	78794	57	PLSP30	75597	91
MSTHD-S	79432	107	NI6D3T-60-21-A45	26190	184	PATHK	78794	103	PLSP36	75598	91
MSTHD-W	79431	98	NI6D3T-72-25-A45	26191	175	PATHK	78794	127	PLSP42	75599	91
MSTHD-W	79431	107	NI6D3T-72-25-A45	26191	184	PATHK	78794	44	PLSP48	75600	91
MSTPMHD	79451	98	OIBBK	76950	197	PATHK	78794	51	PLSP54	75601	91
MSTPMHD	79451	107	P-CARK-C24/600	78072	110	PATHK	78794	57	PMSMK	74916	214
MXP-12108	90643	61	P-CARK-C30/750	78073	110	PATHK	78794	103	PMSMK2	79380	213
MXP-12120	90588	61	P-CARK-C36/900	78074	110	PATHK	78794	127	PMSMK2	79380	214
MXP-1242	90581	61	P-CARK-C42/1050	78075	110	PATLK	78791	44	PMSMK2-S/S	90047	215
MXP-1248	90582	61	P-CARK-C48/1200	78076	110	PATLK	78791	51	PMSMKSD	74917	214

INDEX By Ordering Number

Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #
PMSMKSD-S/S	90056	215	PTEZHD-56/1400	90795	202	PTMA48VR	90374	209	PTMSD72T-S/S	90034	211
PP-18	78414	91	PTEZHD-60/1500	90619	202	PTMA54R	90370	209	PTMSD72VR	90051	210
PP-24	78416	91	PTEZHD-60/1500-UG	90801	202	PTMA54T	90365	209	PTMSD72VR-S/S	90042	211
PP-30	78418	91	PTEZHD-64/1600	90796	202	PTMA54VR	90375	209	PTMSD84R	74910	210
PP-36	78420	91	PTEZHD-72/1800	90620	202	PTMA60R	90371	209	PTMSD84R-S/S	90039	211
PP-42	78422	91	PTEZHD-72/1800-UG	90802	202	PTMA60T	90366	209	PTMSD84T	74896	210
PP-48	78424	91	PTEZHD-80/2000	90797	202	PTMA60VR	90376	209	PTMSD84T-S/S	90035	211
PP-54	78425	91	PTEZHD-84/2100	90621	202	PTMAAK	90194	213	PTMSD84VR	90052	210
PP-60	78451	91	PTEZHD-DCK	90805	202	PTMAAKHD	90195	213	PTMSD84VR-S/S	90043	211
PP72	73017	91	PTEZHD-JBBK	90807	202	PTMAEKHDR	90192	213	PTMSD96R	74911	210
PPS6	73024	91	PTEZHD-MBK	90803	202	PTMAEKHDT	90191	213	PTMSD96R-S/S	90040	211
PSA150	73156	88	PTEZHD-PBK	90804	202	PTMAEKHDVR	90193	213	PTMSD96T	74897	210
PSA150	73156	91	PTEZHD-WRBK	90806	202	PTMAEKR	90189	213	PTMSD96T-S/S	90036	211
PSA150	73156	109	PTEZMB	90351	202	PTMAEKT	90188	213	PTMSD96VR	90053	210
PSA150	73156	112	PTEZPB	90352	202	PTMAEKVR	90190	213	PTMSD96VR-S/S	90044	211
PSSS	74773	91	PTM24R	75584	210	PTMAFASK	90196	213	PTPK	75897	55
PSSS	74773	98	PTM24R-S/S	90012	211	PTMAFMKHDR	90187	213	PTPK	75897	60
PSSS	74773	102	PTM24T	75583	210	PTMAFMKR	90186	213	PTS-18R	77664	206
PSSS	74773	106	PTM24T-S/S	90001	211	PTMAFMKT	90185	213	PTS-24R	77665	206
PSSS	74773	108	PTM24VR	79669	210	PTMAHD54R	90381	209	PTS-30R	77666	206
PST2-R	77725	55	PTM24VR-S/S	90023	211	PTMAHD54T	90377	209	PTS-30R-UG	77673	206
PST2-R	77725	58	PTM30R	74899	210	PTMAHD54VR	90385	209	PTS-36R	77667	206
PST2-R	77725	60	PTM30R-S/S	90013	211	PTMAHD60R	90382	209	PTS-36R-UG	77674	206
PST2-S	77724	55	PTM30T	74885	210	PTMAHD60T	90378	209	PTS-42R	77668	206
PST2-S	77724	58	PTM30T-S/S	90002	211	PTMAHD60VR	90386	209	PTS-42R-UG	77675	206
PST2-S	77724	60	PTM30VR	79670	210	PTMAHD72R	90383	209	PTS-48R	77669	206
PST2-W	77723	55	PTM30VR-S/S	90024	211	PTMAHD72T	90379	209	PTS-48R-UG	77676	206
PST2-W	77723	58	PTM36R	74900	210	PTMAHD72VR	90387	209	PTS-54R	77670	206
PST2-W	77723	60	PTM36R-S/S	90014	211	PTMAHD84R	90384	209	PTS-54R-UG	77677	206
PSTA	75896	39	PTM36T	74886	210	PTMAHD84T	90380	209	PTS-60R	77671	206
PSTA	75896	47	PTM36T-S/S	90003	211	PTMAHD84VR	90388	209	PTS-60R-UG	77678	206
PSTA	75896	55	PTM36VR	79671	210	PTMAORK	90197	213	PTS-72R	77672	206
PSTA	75896	60	PTM36VR-S/S	90025	211	PTMHD54R	74905	210	PTS-72R-UG	77679	206
PSTA	75896	67	PTM42R	74901	210	PTMHD54R-S/S	90019	211	PTS-DRK	90100	208
PSTA	75896	74	PTM42R-S/S	90015	211	PTMHD54T	74891	210	PTS-EBK	77702	208
PSTA	75896	124	PTM42T	74887	210	PTMHD54T-S/S	90008	211	PTS-HDSR	77692	208
PSTA-S/S	77442	40	PTM42T-S/S	90004	211	PTMHD54VR	79665	210	PTS-HIBK	77697	208
PSTA-S/S	77442	48	PTM42VR	79672	210	PTMHD54VR-S/S	90030	211	PTS-IBK	77696	208
PSTS-R	77726	55	PTM42VR-S/S	90026	211	PTMHD60R	74906	210	PTS-LHSAA	77756	208
PSTS-R	77726	60	PTM48R	74902	210	PTMHD60R-S/S	90020	211	PTS-MBK	77700	208
PSTS-S	75899	47	PTM48R-S/S	90016	211	PTMHD60T	74892	210	PTS-MBKUG	77701	208
PSTS-S	75899	55	PTM48T	74888	210	PTMHD60T-S/S	90009	211	PTS-PA	77699	208
PSTS-S	75899	60	PTM48T-S/S	90005	211	PTMHD60VR	79666	210	PTS-PS	77698	208
PSTS-S	75899	67	PTM48VR	79673	210	PTMHD60VR-S/S	90031	211	PTS-RHSAA	77755	208
PSTS-S	75899	74	PTM48VR-S/S	90027	211	PTMHD72R	74907	210	PTS-RR21	77680	206
PSTS-W	75898	39	PTM54R	74903	210	PTMHD72R-S/S	90021	211	PTS-RR27	77681	206
PSTS-W	75898	47	PTM54R-S/S	90017	211	PTMHD72T	74893	210	PTS-RR33	77682	206
PSTS-W	75898	55	PTM54T	74889	210	PTMHD72T-S/S	90010	211	PTS-RR39	77683	206
PSTS-W	75898	60	PTM54T-S/S	90006	211	PTMHD72VR	79667	210	PTS-RR39	77683	206
PSTS-W	75898	67	PTM54VR	79674	210	PTMHD72VR-S/S	90032	211	PTS-RR45	77684	206
PSTS-W	75898	74	PTM54VR-S/S	90028	211	PTMHD84R	74908	210	PTS-RR45	77684	206
PSTS-W	75898	124	PTM60R	74904	210	PTMHD84R-S/S	90022	211	PTS-RR51	77685	206
PTEZ-18	90265	202	PTM60R-S/S	90018	211	PTMHD84T	74894	210	PTS-RR51	77685	206
PTEZ-24	90266	202	PTM60T	74890	210	PTMHD84T-S/S	90011	211	PTS-RR57	77686	206
PTEZ-30	90267	202	PTM60T-S/S	90007	211	PTMHD84VR	79668	210	PTS-RR57	77686	206
PTEZ-36	90268	202	PTM60VR	79675	210	PTMHD84VR-S/S	90033	211	PTS-RR63	77687	206
PTEZ-42	90269	202	PTM60VR-S/S	90029	211	PTMSD120R	74912	210	PTS-RR63	77687	206
PTEZ-48	90270	202	PTMA36R	90367	209	PTMSD120R-S/S	90041	211	PTS-RR69	77688	206
PTEZDC	90353	202	PTMA36T	90362	209	PTMSD120T	74898	210	PTS-RR75	77689	206
PTEZHD-42/1050	90616	202	PTMA36VR	90372	209	PTMSD120T-S/S	90037	211	PTS-RR81	77690	206
PTEZHD-42/1050-UG	90798	202	PTMA42R	90368	209	PTMSD120VR	90054	210	PTS-SAK	77694	208
PTEZHD-48/1200	90617	202	PTMA42T	90363	209	PTMSD120VR-S/S	90045	211	PTS-SR	77691	208
PTEZHD-48/1200-UG	90799	202	PTMA42VR	90373	209	PTMSD72R	74909	210	PTS-WMK	78767	208
PTEZHD-54/1350	90618	202	PTMA48R	90369	209	PTMSD72R-S/S	90038	211	PV-18	78453	88
PTEZHD-54/1350-UG	90800	202	PTMA48T	90364	209	PTMSD72T	74895	210	PV-24	78415	88

INDEX By Ordering Number

Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #
PV-30	78417	88	QMTPAK	76096	74	RBAER-40	76046	160	RBP1S-XL	74561	199
PV-36	78419	88	QMTPAK	76096	124	RBAER-44	76655	160	RBPFK-L	75524	201
PV-42	78421	88	QMTPAK-S/S	77587	40	RBAER-46	76047	160	RBPFK-M	75523	201
PV-48	78423	88	QMTPAK-S/S	77587	48	RBAER-52	76048	160	RBPFK-S	75522	201
PV-54	78454	88	QMTPSBK	76099	39	RBAER-58	76049	160	RBPFK-XL	75525	201
PV-60	78455	88	QMTPSBK	76099	47	RBAER-70	76050	160	RBPIT-L	75529	201
PV120-2ESAC	77993	109	QMTPSBK	76099	67	RBAGM-16	77106	29	RBPIT-M	75528	201
PV24-ESAC	77981	109	QMTPSBK	76099	74	RBAGM-16	77106	156	RBPIT-S	75527	201
PV30-ESAC	77982	109	QMTPSBK	76099	124	RBAGM-22	77107	29	RBPIT-XL	75530	201
PV36-ESAC	77983	109	QMTPSBK-S/S	77588	40	RBAGM-22	77107	156	RBPMBK	75526	201
PV42-ESAC	77984	109	QMTPSBK-S/S	77588	48	RBAGM-28	77108	29	RBPRET	73163	201
PV48-ESAC	77985	109	QMTS-G	76484	39	RBAGM-28	77108	156	RBPRET	73163	208
PV54-ESAC	77986	109	QMTS-G	76484	47	RBAGM-34	77109	29	RBPRR-L	90652	201
PV60-2ESAC	77989	109	QMTS-G-S/S	77452	24	RBAGM-34	77109	156	RBPRR-M	90651	201
PV60-ESAC	77987	109	QMTS-G-S/S	77452	40	RBAGM-40	77110	29	RBPRR-S	90650	201
PV72	73438	88	QMTS-G-S/S	77452	48	RBAGM-40	77110	156	RBPRR-XL	90653	201
PV72-2ESAC	77990	109	QMTS-P	75845	19	RBAGM-46	77111	29	RBPSR-L	74564	201
PV72-ESAC	77988	109	QMTS-P	75845	39	RBAGM-46	77111	156	RBPSR-M	74563	201
PV84-2ESAC	77991	109	QMTS-P	75845	47	RBAGS-16	75995	156	RBPSR-S	74562	201
PV96-2ESAC	77992	109	QMTS-P	75845	67	RBAGS-18	76967	156	RBPSR-XL	74565	201
QMT-A-P	91285	39	QMTS-P	75845	74	RBAGS-22	75996	156	RBQB1-16/400	90935	154
QMT-A-W	91286	39	QMTS-P	75845	124	RBAGS-24	76968	156	RBQB1-18/450	90936	154
QMT-ATEX	90435	39	QMTS-P-S/S	77450	24	RBAGS-28	75997	156	RBQB1-22/550	90937	154
QMT-G	76483	39	QMTS-P-S/S	77450	40	RBAGS-30	76969	156	RBQB1-24/600	90938	154
QMT-G	76483	47	QMTS-P-S/S	77450	48	RBAGS-34	75998	156	RBQB1-28/700	90939	154
QMT-G-S/S	77586	40	QMTS-S-S/S	79056	48	RBAGS-36	76970	156	RBQB1-30/750	90940	154
QMT-G-S/S	77586	48	QMTS-W-S/S	77451	24	RBAGS-40	75999	156	RBQB1-34/850	90941	154
QMT-P	76074	39	QMTS-W-S/S	77451	40	RBAGS-42	76971	156	RBQB1-36/900	90942	154
QMT-P	76074	47	QMTS-W-S/S	77451	48	RBAGS-46	76028	156	RBQB1-40/1000	90943	154
QMT-P	76074	67	R-CARK-C24/600	78098	114	RBAGS-48	76972	156	RBQB1-42/1050	90944	154
QMT-P	76074	74	R-CARK-C30/750	78099	114	RBAGS-52	76029	156	RBQB1-46/1150	90945	154
QMT-P-S/S	77584	40	R-CARK-C36/900	78100	114	RBAGS-54	76973	156	RBQB1-48/1200	90946	154
QMT-P-S/S	77584	48	R-CARK-C42/1050	78101	114	RBAGS-58	76030	156	RBQB1-52/1300	90947	154
QMT-S	79039	47	R-CARK-C48/1200	78102	114	RBAGS-60	76974	156	RBQB1-54/1350	90948	154
QMT-S	79039	67	R-CARK-C54/1350	78103	114	RBAGS-70	76031	156	RBQB1-58/1450	90949	154
QMT-S	79039	74	R-CARK-C60/1500	78104	114	RBAGS-72	76975	156	RBQB1-60/1500	90950	154
QMT-S-S/S	79059	48	R-CARK-C72/1800	78105	114	RBAGS-84	76976	156	RBQB1-64/1600	90951	154
QMT-W	76075	39	R-CARK-V24/600	78106	114	RBAGSCM-16	76572	157	RBQB1-70/1750	90952	154
QMT-W	76075	47	R-CARK-V30/750	78107	114	RBAGSCM-22	76573	157	RBQB1-72/1800	90953	154
QMT-W	76075	67	R-CARK-V36/900	78108	114	RBAGSCM-28	76574	157	RBQC1HD-12	75985	153
QMT-W	76075	74	R-CARK-V42/1050	78109	114	RBAGSCM-34	76575	157	RBQC1HD-18	75986	153
QMT-W-S/S	77585	40	R-CARK-V48/1200	78110	114	RBAGSCM-40	76576	157	RBQC1HD-24	75987	153
QMT-W-S/S	77585	48	R-CARK-V54/1350	78111	114	RBAGSCM-46	76577	157	RBQC1HD-30	75988	153
QMTBK-G	76540	39	R-CARK-V60/1500	78112	114	RBAGSCM-52	76578	157	RBQC1HD-36	75989	153
QMTBK-G	76540	40	R-CARK-V72/1800	78113	114	RBAGSCM-58	76579	157	RBQC1HD-42	75990	153
QMTBK-G	76540	47	R-CARK2-C120/3000	78118	114	RBAGSCM-70	76581	157	RBQC1HD-48	75991	153
QMTBK-G	76540	48	R-CARK2-C60/1500	78114	114	RBAS4-18	76032	159	RBQC1HD-54	75992	153
QMTBK-P	76097	39	R-CARK2-C72/1800	78115	114	RBAS4-24	76033	159	RBQC1HD-66	75993	153
QMTBK-P	76097	40	R-CARK2-C84/2100	78116	114	RBAS4-30	76034	159	RBSE-10	79861	158
QMTBK-P	76097	47	R-CARK2-C96/2400	78117	114	RBAS4-36	76035	159	RBSE-16	79862	158
QMTBK-P	76097	48	R-CARK2-V120/3000	78123	114	RBAS4-42	76036	159	RBSE-22	79863	158
QMTBK-P	76097	67	R-CARK2-V60/1500	78119	114	RBAS4-48	76037	159	RBSE-28	79864	158
QMTBK-P	76097	74	R-CARK2-V72/1800	78120	114	RBAS4-54	76038	159	RBSE-34	79865	158
QMTBK-W	76098	39	R-CARK2-V84/2100	78121	114	RBAS4-60	76039	159	RBSE-40	79866	158
QMTBK-W	76098	40	R-CARK2-V96/2400	78122	114	RBAS4-72	76040	159	RBSE-46	79867	158
QMTBK-W	76098	47	RAPEK	77423	140	RBDT-6C	90614	163	RBSE-52	79868	158
QMTBK-W	76098	48	RB38BP	79481	159	RBDTXHD-13C	90615	164	RBSE-58	79869	158
QMTBK-W	76098	55	RB38BP	79481	160	RBDTXHD-6.5C	77517	164	RBSE-64	79870	158
QMTBK-W	76098	60	RB6DH	76571	162	RBP1R-L	90648	199	RBSE-70	79871	158
QMTBK-W	76098	67	RB6SA	76570	161	RBP1R-M	90647	199	RC120-2ESAC	77980	113
QMTBK-W	76098	74	RBAER-10	76041	160	RBP1R-S	90646	199	RC18	74618	92
QMTBK-W	76098	124	RBAER-16	76042	160	RBP1R-XL	90649	199	RC24	74619	92
QMTPAK	76096	39	RBAER-22	76043	160	RBP1S-L	74560	199	RC24-ESAC	77968	113
QMTPAK	76096	47	RBAER-28	76044	160	RBP1S-M	74559	199	RC30	74620	92
QMTPAK	76096	67	RBAER-34	76045	160	RBP1S-S	74558	199	RC30-ESAC	77969	113

INDEX By Ordering Number

Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #
RC36	74621	92	RP-54	78432	94	RWPREC-1842	91215	137	SACPL2-60/1500	77895	116
RC36-ESAC	77970	113	RP-60	78433	94	RWPREC-1848	91216	137	SACPL2-60/1500	77895	120
RC42	74622	92	RP-72	74612	94	RWPREC-1854	91217	137	SACPL2-72/1800	77896	112
RC42-ESAC	77971	113	RSA	76249	94	RWPREC-1860	91218	137	SACPL2-72/1800	77896	116
RC48	74623	92	RSA	76249	116	RWPREC-1872	91219	137	SACPL2-72/1800	77896	120
RC48-ESAC	77972	113	RSA150	73628	92	RWPREC-1884	91220	137	SACPL2-84/2100	77897	112
RC54	74624	92	RSA150	73628	94	RWPREC-1896	91221	137	SACPL2-84/2100	77897	116
RC54-ESAC	77973	113	RSA150	73628	96	RWPREC-624	90068	137	SACPL2-84/2100	77897	120
RC60	74625	92	RSA150	73628	98	RWPREC-630	90069	137	SACPL2-96/2400	77898	112
RC60-2ESAC	77976	113	RSA150	73628	99	RWPREC-636	90070	137	SACPL2-96/2400	77898	116
RC60-ESAC	77974	113	RSA150	73628	100	RWPREC-642	90071	137	SACPL2-96/2400	77898	120
RC72	74626	92	RSA150	73628	101	RWPREC-648	90072	137	SACRH	77883	112
RC72-2ESAC	77977	113	RSA150	73628	102	RWPREC-654	90073	137	SACRH	77883	116
RC72-ESAC	77975	113	RSA150	73628	106	RWPREC-660	90074	137	SACRH	77883	120
RC84-2ESAC	77978	113	RSA150	73628	108	RWPREC-672	90075	137	SACRHL	77884	112
RC96-2ESAC	77979	113	RSA150	73628	113	RWPREC-684	90076	137	SACRHL	77884	116
RCAP-24/600	77921	116	RSA150	73628	116	RWPREC-696	90077	137	SACRHL	77884	120
RCAP-30/750	77922	116	RSA150	73628	117	RWSECS-18F	91417	139	SACRKN	77882	112
RCAP-36/900	77923	116	RSA150	73628	120	RWSECS-24F	91418	139	SACRKN	77882	116
RCAP-42/1050	77924	116	RV-18	78402	92	RWSECS-30F	91419	139	SACRKN	77882	120
RCAP-48/1200	77925	116	RV-24	78403	92	RWSECS-36F	91420	139	SACRKT	77886	112
RCAP-54/1350	77926	116	RV-30	78404	92	RWSECS-42F	91421	139	SACRKT	77886	116
RCAP-60/1500	77927	116	RV-36	78405	92	RWSECS-48F	91422	139	SACRKT	77886	120
RCAP-72/1800	77928	116	RV-42	78406	92	RWSECS-54F	91423	139	SACSK	77052	120
RDP1-L	74694	166	RV-48	78407	92	RWSECS-60F	91424	139	SACSRC	77065	120
RDP1-M	74693	166	RV-54	78408	92	RWSECS-72F	91425	139	SAT2AK	78733	106
RDP1-S	74692	166	RV-60	78409	92	RWSECS-84F	91426	139	SAT2AK	78733	107
RDP1-XL	74695	166	RV-72	74641	92	RWSECS-96F	91427	139	SAT2AK	78733	129
RDPBK-L	74701	166	RV120-2ESAC	78006	113	SAC2-TIP-TL	77866	112	SAT2AK	78733	136
RDPBK-L	74701	168	RV24-ESAC	77994	113	SAC2-TIP-TL	77866	116	SAT2MK	78704	107
RDPBK-M	74700	166	RV30-ESAC	77995	113	SAC2-TIP-TL	77866	120	SAT2MK	78704	129
RDPBK-M	74700	168	RV36-ESAC	77996	113	SACHP2	77768	112	SAT2MK	91415	136
RDPBK-S	74699	166	RV42-ESAC	77997	113	SACHP2	77768	116	SAT2NCB	78703	107
RDPBK-S	74699	168	RV48-ESAC	77998	113	SACHP2	77768	120	SAT2NCB	78703	129
RDPBK-XL	74702	166	RV54-ESAC	77999	113	SACKRP	77885	112	SAT2PAT	78735	107
RDPBK-XL	74702	168	RV60-2ESAC	78002	113	SACKRP	77885	116	SAT2PAT	78735	129
RDPF-L	75568	168	RV60-ESAC	78000	113	SACKRP	77885	120	SAT2PM	78732	107
RDPF-M	75567	168	RV72-2ESAC	78003	113	SACPL-24/600	77887	112	SAT2PM	78732	129
RDPF-S	75566	168	RV72-ESAC	78001	113	SACPL-24/600	77887	116	SAT2PM	78732	136
RDPF-XL	75569	168	RV84-2ESAC	78004	113	SACPL-24/600	77887	120	SATB	76083	107
RDPMBK	74698	168	RV96-2ESAC	78005	113	SACPL-30/750	77888	112	SATB	76083	129
RDPMSK	74705	168	RVT6-S/S	76205	108	SACPL-30/750	77888	116	SATB	76083	136
RMC1	75817	217	RWPBLD-18	90087	138	SACPL-30/750	77888	120	SATHB	76084	107
RMC1-BCP	76414	217	RWPBLD-24	90088	138	SACPL-36/900	77889	112	SATHB	76084	129
RMC1-BPP	76415	217	RWPBLD-30	90089	138	SACPL-36/900	77889	116	SATHB	76084	136
RMC1-BPP	76415	219	RWPBLD-36	90090	138	SACPL-36/900	77889	120	SATXDNCB	91414	136
RMC1-BULK	75833	217	RWPBLD-42	90091	138	SACPL-42/1050	77890	112	SATXDPAT	91413	136
RMC1-CB	75820	217	RWPBLD-48	90092	138	SACPL-42/1050	77890	116	SB2	79970	184
RMC1-CB	75820	219	RWPBLD-54	90093	138	SACPL-42/1050	77890	120	SB2	79970	187
RMC1-CP	75819	217	RWPBLD-60	90094	138	SACPL-48/1200	77891	112	SB2F	79988	184
RMC1-LS	75834	217	RWPBLD-66	90095	138	SACPL-48/1200	77891	116	SB2F	79988	187
RMC1-LSBPP	76538	217	RWPBLD-72	90096	138	SACPL-48/1200	77891	120	SB4	78789	172
RMC1-LSPP	75836	217	RWPBLD-78	90097	138	SACPL-54/1350	77892	112	SB4	78789	175
RMC1-PL	75821	217	RWPBLD-84	90098	138	SACPL-54/1350	77892	116	SB4	78789	178
RMC1-PP	75832	217	RWPBLD-90	90099	138	SACPL-54/1350	77892	120	SB4	78789	181
RMC1LS-PL	75835	217	RWPREC-1230	90078	137	SACPL-60/1500	77893	112	SB4	78789	189
RMC2	77330	219	RWPREC-1236	90079	137	SACPL-60/1500	77893	116	SB4	78789	191
RMC2-FS-1	76558	219	RWPREC-1242	90080	137	SACPL-60/1500	77893	120	SB4	78789	193
RMC2-FSAPK	76559	219	RWPREC-1248	90081	137	SACPL-72/1800	77894	112	SB5	78790	172
RP-18	78426	94	RWPREC-1254	90082	137	SACPL-72/1800	77894	116	SB5	78790	175
RP-24	78427	94	RWPREC-1260	90083	137	SACPL-72/1800	77894	120	SB5	78790	178
RP-30	78428	94	RWPREC-1272	90084	137	SACPL2-120/3000	77899	112	SB5	78790	181
RP-36	78429	94	RWPREC-1284	90085	137	SACPL2-120/3000	77899	116	SB5	78790	189
RP-42	78430	94	RWPREC-1296	90086	137	SACPL2-120/3000	77899	120	SB5	78790	191
RP-48	78431	94	RWPREC-1836	91214	137	SACPL2-60/1500	77895	112	SB5	78790	193

INDEX By Ordering Number

Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #
SB5	78790	195	SKPU-6X3/8X50	91301	216	SST2HD-W	77879	129	STJK	74417	148
SE6-R36	90220	213	SKPU-6X5/8X25	91299	216	SST2HD-W-S/S	77637	108	STJK-S/S	77334	125
SE6-R42	90221	213	SKPU-6X5/8X50	91302	216	SSTBK-B	76637	106	STJM	74775	19
SE6-R48	90222	213	SKPU-8X1/2X25	90285	216	SSTBK-B	76637	108	STJM	74775	124
SE6-R54	90223	213	SKPU-8X1/2X50	91224	216	SSTBK-B	76637	120	STJM	74775	148
SE6-R60	90224	213	SKPU-8X1X25	91306	216	SSTBK-B	76637	129	STJM-S/S	77332	125
SE6-R72	90225	213	SKPU-8X1X50	91309	216	SSTBK-B	76637	136	STKD	74504	148
SE6-R84	90226	213	SKPU-8X3/4X25	90286	216	SSTBK-W	76636	106	STKHSD	74316	148
SE6-T36	90227	213	SKPU-8X3/4X50	91225	216	SSTBK-W	76636	108	STKHSS	74313	148
SE6-T42	90228	213	SKPU-8X3/8X25	91304	216	SSTBK-W	76636	120	STKS	74505	148
SE6-T48	90229	213	SKPU-8X3/8X50	91307	216	SSTBK-W	76636	129	STLP	79535	132
SE6-T54/VR36	90230	213	SKPU-8X5/8X25	91305	216	SSTBK-W	76636	136	STS-B	75844	87
SE6-T60/VR42	90231	213	SKPU-8X5/8X50	91308	216	SSTHB	79582	106	STS-B	75844	98
SE6-T72/VR48	90232	213	SPBV	74742	144	SSTHB	79582	120	STS-B	75844	106
SE6-T84	90233	213	SPG	74747	144	SSTHB	79582	129	STS-B	75844	107
SE6-VR54	90234	213	SPG-CVR-A	77387	141	SSTHB	79582	136	STS-B	75844	120
SE6-VR60	90235	213	SPG-CVR-B	77388	141	SSTHB-S/S	79586	108	STS-B	75844	129
SE6-VR72	90236	213	SPG-CVR-C	77389	141	SSTHDMK	77870	106	STS-B	75844	136
SE6-VR84	90319	213	SPG-CVR-D	77390	141	SSTHDMK	77870	120	STS-B-S/S	77632	108
SHIM-KITH	77550	193	SPG-CVR-E	77391	141	SSTHDMK	77870	129	STS-G	78142	106
SHIM-KITL	77548	172	SPG-CVR-F	77392	141	SSTHDPM	77868	106	STS-G	78142	129
SHIM-KITL	77548	175	SPG-CVR-G	77393	141	SSTHDPM	77868	120	STS-G	78142	136
SHIM-KITL	77548	178	SPG-CVR-H	77741	141	SSTHDPM	77868	129	STS-G-S/S	79057	108
SHIM-KITL	77548	189	SPH10	74745	144	SSTHDPM	77868	136	STS-S	75843	87
SHIM-KITM	77549	181	SPK18	74709	144	SSTHK	79070	106	STS-S	75843	98
SHIM-KITM	77549	191	SPK24	74710	144	SSTHK	79070	120	STS-S	75843	106
SHIM-KITMOD	79989	184	SPK30	74711	144	SSTHK	79070	129	STS-S	75843	107
SHIM-KITMOD	79989	187	SPK36	74712	144	SSTHK-S/S	79071	108	STS-S	75843	120
SKPU-10X1/2X25	91311	216	SPK42	74713	144	SSTLBK	79493	106	STS-S	75843	129
SKPU-10X1/2X50	91316	216	SPK48	74714	144	SSTLBK	79493	108	STS-S	75843	136
SKPU-10X1X25	91314	216	SPK54	74715	144	SSTLBK	79493	120	STS-S-S/S	77631	108
SKPU-10X1X50	91319	216	SPK60	74716	144	SSTLBK	79493	129	STS-W	75846	98
SKPU-10X3/4X25	91313	216	SPK72	74717	144	SSTLBK	79493	136	STS-W	75846	106
SKPU-10X3/4X50	91318	216	SPKHD120	74721	144	SSTLMB	76072	99	STS-W	75846	107
SKPU-10X3/8X25	91310	216	SPKHD42	74952	144	SSTLMB	76072	126	STS-W	75846	120
SKPU-10X3/8X50	91315	216	SPKHD48	74953	144	SSTLMB	76072	140	STS-W	75846	129
SKPU-10X5/8X25	91312	216	SPKHD54	74954	144	SSTOTA	76073	99	STS-W	75846	136
SKPU-10X5/8X50	91317	216	SPKHD60	74955	144	SSTOTA	76073	126	STS-W-S/S	77630	108
SKPU-12X1/2X25	91321	216	SPKHD72	74718	144	SSTOTA	76073	140	STTS	74419	19
SKPU-12X1/2X50	91326	216	SPKHD84	74719	144	SSTSMB	76071	99	STTS	74419	124
SKPU-12X1X25	91324	216	SPKHD96	74720	144	SSTSMB	76071	126	STTS	74419	148
SKPU-12X1X50	91329	216	SPMK2	75578	144	SSTSMB	76071	140	STTS-S/S	75585	125
SKPU-12X3/4X25	91323	216	SPMK3	75579	144	SSTXD-B	91410	136	TEN-LOCK-KIT	77443	141
SKPU-12X3/4X50	91328	216	SPN	74746	144	SSTXD-G	91411	136	TRB-HT18	78754	45
SKPU-12X3/8X25	91320	216	SPPN	74748	144	SSTXD-S	91409	136	TRB-HT24	78755	45
SKPU-12X3/8X50	91325	216	SPPR	74744	144	SSTXD-W	91408	136	TRB-HT30	78756	45
SKPU-12X5/8X25	91322	216	SPYS	74743	144	SSTXDMK	91412	136	TRB-HT36	78757	45
SKPU-12X5/8X50	91327	216	SRBK	74941	145	STAK	75847	120	TRB-HT42	78758	45
SKPU-4X1/2X25	91289	216	SSRB	75978	60	STAK	75847	106	TRB-HT48	78759	45
SKPU-4X1/2X50	91294	216	SST-BUK	76943	106	STAK	75847	108	TRB-HT54	78760	45
SKPU-4X1X25	91292	216	SST-BUK	76943	129	STAK	75847	129	TRB-HT60	78761	45
SKPU-4X1X50	91297	216	SST-BUK-S/S	77636	108	STAKHD	75892	106	TRB-HT66	78762	45
SKPU-4X3/4X25	91291	216	SST1HD-B	77878	120	STAKHD	75892	108	TRB-HT72	78763	45
SKPU-4X3/4X50	91296	216	SST1HD-S	77877	120	STAKHD	75892	120	TRB-HT78	78764	45
SKPU-4X3/8X25	91288	216	SST1HD-W	77876	120	STAKHD	75892	129	TRB18	76485	45
SKPU-4X3/8X50	91293	216	SST2HD-B	77881	106	STGK2	77867	106	TRB18	76485	155
SKPU-4X5/8X25	91290	216	SST2HD-B	77881	129	STGK2	77867	107	TRB24	76486	45
SKPU-4X5/8X50	91295	216	SST2HD-B-S/S	77639	108	STGK2	77867	120	TRB24	76486	155
SKPU-6X1/2X25	90283	216	SST2HD-G	79041	106	STGK2	77867	129	TRB30	76487	45
SKPU-6X1/2X50	91222	216	SST2HD-G	79041	129	STGK2	77867	129	TRB30	76487	155
SKPU-6X1X25	91300	216	SST2HD-G-S/S	79042	108	STGK2	77867	136	TRB36	76488	45
SKPU-6X1X50	91303	216	SST2HD-S	77880	106	STGK2	77867	136	TRB36	76488	155
SKPU-6X3/4X25	90284	216	SST2HD-S	77880	129	STGK2-S/S	77635	108	TRB42	76489	45
SKPU-6X3/4X50	91223	216	SST2HD-S-S/S	77638	108	STHDMK2-S/S	77634	108	TRB42	76489	155
SKPU-6X3/8X25	91298	216	SST2HD-W	77879	106	STHDPM2-S/S	77633	108	TRB48	76490	45

INDEX By Ordering Number

Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #
TRB48	76490	155	URVB54/1350	76742	122	UTF48	76729	121	WCLN18-16	71131	227
TRB54	76491	45	URVB60/1500	76743	121	UTF54	76730	121	WCLN24-16	71132	227
TRB54	76491	155	URVB60/1500	76743	122	UTF60	76731	121	WCLN24-30	71150	227
TRB60	76492	45	URVB72/1800	76744	121	UTF72	76732	121	WCLN30-16	71133	227
TRB60	76492	155	URVB72/1800	76744	122	UTF84	76733	121	WCLN30-30	71134	227
TRB66	76493	45	URVB84/2100	76745	121	UTV1050J-S/S	77263	122	WCLN36-16	71135	227
TRB66	76493	155	URVB84/2100	76745	122	UTV1200J-S/S	77264	122	WCLN36-30	71136	227
TRB72	76494	45	USB12	90409	61	UTV1350J-S/S	77265	122	WCLN42-16	71137	227
TRB72	76494	155	USB12	90409	64	UTV1500J-S/S	77267	122	WCLN42-30	71138	227
TRB78	76697	45	USB6	90410	61	UTV18	76700	121	WCLN48-16	71139	227
TRB78	76697	155	USB6	90410	64	UTV1800J-S/S	77269	122	WCLN48-30	71144	227
TRB84	77047	45	USBBRP	90412	64	UTV2100J-S/S	77271	122	WCLN54-16	71149	227
TRB84	77047	155	USBP	90411	64	UTV24	76701	121	WCLN54-30	71145	227
TRB90	77048	45	USMK	76792	124	UTV30	76702	121	WCLN60-16	71165	227
TRB90	77048	155	USMK	76792	124	UTV36	76703	121	WCLN60-30	71146	227
UBTK	76977	124	USMK-S/S-M	82885	125	UTV42	76704	121	WCLN72-16	71151	227
UFB18	74448	121	USMKHD-S/S-M	82886	125	UTV450J-S/S	77259	122	WCLN72-30	71147	227
UFB24	74449	121	USP18/450	76772	124	UTV48	76705	121	WFRD18-16	72187	226
UFB30	74450	121	USP18/450-S/S	77339	125	UTV54	76706	121	WFRD18-30	72188	226
UFB36	74451	121	USP24/600	76773	124	UTV60	76707	121	WFRD24-16	72189	226
UFB42	74452	121	USP24/600-S/S	77340	125	UTV600J-S/S	77260	122	WFRD24-30	72190	226
UFB48	74453	121	USP30/750	76774	124	UTV72	76708	121	WFRD30-16	72191	226
UFB54	74454	121	USP30/750-S/S	77341	125	UTV750J-S/S	77261	122	WFRD30-30	72192	226
UFB60	74455	121	USP36/900	76775	124	UTV84	76709	121	WFRD36-16	72193	226
UFB72	74456	121	USP36/900-S/S	77342	125	UTV900J-S/S	77262	122	WFRD36-30	72194	226
UFB84	74460	121	USP42/1050	76776	124	VAK	76416	168	WFRD42-16	72195	226
UHDBTK	76978	124	USP42/1050-S/S	77343	125	VBK-72	74457	165	WFRD42-30	72196	226
UHMK	76793	124	USP48/1200	76777	124	VBK-72	74457	168	WFRD48-16	72197	226
UHMK	76793	124	USP48/1200-S/S	77344	125	VBK-84	74458	165	WFRD48-30	72198	226
UHPB2	79207	124	USP54/1350	76778	124	VBK-84	74458	168	WFRD54-16	72199	226
UHPB2	79207	125	USP54/1350-S/S	77345	125	VBK-96	74459	165	WFRD54-30	72200	226
UHSPK	76791	124	USP60/1500	76779	124	VBK-96	74459	168	WFRD60-16	72201	226
UHSPK	76791	124	USP60/1500-S/S	77347	125	VBK-L	73193	165	WFRD60-30	72202	226
UHVC	79453	67	USP72/1800	76780	124	VBK-L	73193	168	WFRD72-16	72203	226
UMBK	76789	124	USP72/1800-S/S	77349	125	VBK-M	73192	165	WFRD72-30	72204	226
UMBK	76789	124	USP84/2100	76781	124	VBK-M	73192	168	WND18-16	72169	226
UPBK	76785	124	USP84/2100-S/S	77351	125	VBK-S	73191	165	WND18-30	72170	226
UPFCC	79320	101	USPB2	79206	124	VBK-S	73191	168	WND24-16	72171	226
UPFCC	79320	106	USPB2	79206	125	VBK-XS	73190	165	WND24-30	72172	226
UPL-S/S-MT	82810	125	USPK	76790	124	VBK-XS	73190	168	WND30-16	72173	226
UPLHD-S/S-MT	82811	125	USPK	76790	124	VCS	73533	168	WND30-30	72174	226
UPSBK	76784	124	UST-P	76794	124	VMBK	73399	168	WND36-16	72175	226
URCB18/450	76748	121	UST-S	77757	124	VMF72	74398	168	WND36-30	72176	226
URCB24/600	76749	121	UST-W	76795	124	VMF84	74399	168	WND42-16	72177	226
URCB30/750	76750	121	USTSC	79299	124	VMF96	74440	168	WND42-30	72178	226
URCB36/900	76751	121	USTSC	79299	124	VMFL	74038	168	WND48-16	72179	226
URCB42/1050	76752	121	USTSCHD	79300	124	VMFM	74037	168	WND48-30	72180	226
URCB48/1200	76753	121	USTSCHD	79300	124	VMFS	73549	168	WND54-16	72181	226
URCB54/1350	76754	121	USTSCK	79202	124	VMFXS	73535	168	WND54-30	72182	226
URCB60/1500	76755	121	USTSCKHD	79204	124	VMLK	74982	168	WND60-16	72183	226
URCB72/1800	76756	121	UTC18	76712	121	VP72	74395	168	WND60-30	72184	226
URCB84/2100	76757	121	UTC24	76713	121	VP84	74396	168	WND72-16	72185	226
URVB18/450	76736	121	UTC30	76714	121	VP96	74397	168	WND72-30	72186	226
URVB18/450	76736	122	UTC36	76715	121	VPL	73410	168	XDST-B	90613	64
URVB24/600	76737	121	UTC42	76716	121	VPM	73409	168	XDST-P	90612	64
URVB24/600	76737	122	UTC48	76717	121	VPS	73408	168	XDST-W	90611	64
URVB30/750	76738	121	UTC54	76718	121	VPXS	73400	168	XDSTBK-B	90606	64
URVB30/750	76738	122	UTC60	76719	121	VSC	74983	168	XDSTBK-P	90605	64
URVB36/900	76739	121	UTC72	76720	121	VUBK-72	75574	165	XDSTBK-W	90604	64
URVB36/900	76739	122	UTC84	76721	121	VUBK-84	75575	165	XDSTJNK	90610	64
URVB42/1050	76740	121	UTF18	76724	121	VUBK-96	75576	165	XDSTMPK	90599	64
URVB42/1050	76740	122	UTF24	76725	121	VUBK-L	75573	165	XDSTPAK	90600	64
URVB48/1200	76741	121	UTF30	76726	121	VUBK-M	75572	165	XDSTPSBK	90608	64
URVB48/1200	76741	122	UTF36	76727	121	VUBK-S	75571	165	XDSTS-B	90603	64
URVB54/1350	76742	121	UTF42	76728	121	VUBK-XS	75570	165	XDSTS-P	90602	64

INDEX By Ordering Number

Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #	Ordering Number	Item Code	Page #
XDSTS-W	90601	64	YCARD-48/1200-HDW	79825	85	YSTHDBK	79850	95	YTA-30/750	79595	83
XDSTTAK	90609	64	YCARD-48/1200-HDW	79825	87	YSTHDBK	79850	140	YTA-36/900	79596	83
YCARD-18/450-P	79617	81	YCARD-48/1200-P	79622	81	YSTHDGBK	79851	87	YTA-42/1050	79597	83
YCARD-18/450-P	79617	83	YCARD-48/1200-P	79622	83	YSTHDLBK	79852	87	YTA-48/1200	79598	83
YCARD-18/450-TC	79811	81	YCARD-48/1200-TC	79816	81	YSTHDMB	79849	87	YTAC	79623	83
YCARD-18/450-TC	79811	83	YCARD-48/1200-TC	79816	83	YSTHDS-BL	79798	87	YTACHD	79835	87
YCARD-18/450-W	79611	81	YCARD-48/1200-W	79616	81	YSTHDS-GR	79797	87	YTAHD-36/900	79805	87
YCARD-18/450-W	79611	83	YCARD-48/1200-W	79616	83	YSTLBK	79846	83	YTAHD-42/1050	79806	87
YCARD-24/600-P	79618	81	YCARD-54/1350-HDP	79820	85	YSTLBK	79846	98	YTAHD-48/1200	79807	87
YCARD-24/600-P	79618	83	YCARD-54/1350-HDP	79820	87	YSTMB	79843	83	YTAHD-54/1350	79808	87
YCARD-24/600-TC	79812	81	YCARD-54/1350-HDTC	79832	85	YSTMB	79843	98	YTAHD-60/1500	79809	87
YCARD-24/600-TC	79812	83	YCARD-54/1350-HDTC	79832	87	YSTPHDMK	79854	87	YTAHD-72/1800	79810	87
YCARD-24/600-W	79612	81	YCARD-54/1350-HDW	79826	85	YSTPMK	79848	83	YTHD-36S	79783	84
YCARD-24/600-W	79612	83	YCARD-54/1350-HDW	79826	87	YSTPMK	79848	98	YTHD-42S	79784	84
YCARD-30/750-P	79619	81	YCARD-60/1500-HDP	79821	85	YSTS-P	79796	83	YTHD-48S	79785	84
YCARD-30/750-P	79619	83	YCARD-60/1500-HDP	79821	87	YSTS-P	79796	98	YTHD-54S	79786	84
YCARD-30/750-TC	79813	81	YCARD-60/1500-HDTC	79833	85	YSTS-Y	79795	83	YTHD-60S	79787	84
YCARD-30/750-TC	79813	83	YCARD-60/1500-HDTC	79833	87	YSTS-Y	79795	98	YTHD-72S	79788	84
YCARD-30/750-W	79613	81	YCARD-60/1500-HDW	79827	85	YSTTBK-B	79855	83	YTHD-TC-36S	79777	84
YCARD-30/750-W	79613	83	YCARD-60/1500-HDW	79827	87	YSTTBK-B	79855	98	YTHD-TC-42S	79778	84
YCARD-36/900-HDP	79817	85	YCARD-72/1800-HDP	79822	85	YSTTBK-W	79847	83	YTHD-TC-48S	79779	84
YCARD-36/900-HDP	79817	87	YCARD-72/1800-HDP	79822	87	YSTTBK-W	79847	98	YTHD-TC-54S	79780	84
YCARD-36/900-HDTC	79829	85	YCARD-72/1800-HDTC	79834	85	YT-18S	79765	80	YTHD-TC-60S	79781	84
YCARD-36/900-HDTC	79829	87	YCARD-72/1800-HDTC	79834	87	YT-24S	79766	80	YTHD-TC-72S	79782	84
YCARD-36/900-HDW	79823	85	YCARD-72/1800-HDW	79828	85	YT-30S	79767	80	YTHDW-36S	79789	84
YCARD-36/900-HDW	79823	87	YCARD-72/1800-HDW	79828	87	YT-36S	79768	80	YTHDW-42S	79790	84
YCARD-36/900-P	79620	81	YST-P	79837	83	YT-42S	79769	80	YTHDW-48S	79791	84
YCARD-36/900-P	79620	83	YST-P	79837	98	YT-48S	79770	80	YTHDW-54S	79792	84
YCARD-36/900-TC	79814	81	YST-S	79838	83	YT-C	79574	83	YTHDW-60S	79793	84
YCARD-36/900-TC	79814	83	YST-S	79838	98	YT-C	79574	81	YTHDW-72S	79794	84
YCARD-36/900-W	79614	81	YST-Y	79836	83	YT-HDC	79728	87	YTP-18/450	79587	83
YCARD-36/900-W	79614	83	YST-Y	79836	98	YT-HDC	79728	85	YTP-24/600	79588	83
YCARD-42/1050-HDP	79818	85	YSTANK	79857	83	YT-HDP	79677	87	YTP-30/750	79589	83
YCARD-42/1050-HDP	79818	87	YSTANK	79857	98	YT-HDP	79677	85	YTP-36/900	79590	83
YCARD-42/1050-HDTC	79830	85	YSTANKHD	79858	87	YT-HDW	79676	87	YTP-42/1050	79591	83
YCARD-42/1050-HDTC	79830	87	YSTDBK	79844	80	YT-HDW	79676	85	YTP-48/1200	79592	83
YCARD-42/1050-HDW	79824	85	YSTDBK	79844	83	YT-P	79573	83	YTPHD-36/900	79799	87
YCARD-42/1050-HDW	79824	87	YSTDBK	79844	140	YT-P	79573	81	YTPHD-42/1050	79800	87
YCARD-42/1050-P	79621	81	YSTGBK	79845	83	YT-TC-18S	79759	80	YTPHD-48/1200	79801	87
YCARD-42/1050-P	79621	83	YSTGBK	79845	98	YT-TC-24S	79760	80	YTPHD-54/1350	79802	87
YCARD-42/1050-TC	79815	81	YSTHD-BK	79842	87	YT-TC-30S	79761	80	YTPHD-60/1500	79803	87
YCARD-42/1050-TC	79815	83	YSTHD-BL	79841	87	YT-TC-36S	79762	80	YTPHD-72/1800	79804	87
YCARD-42/1050-W	79615	81	YSTHD-GR	79839	87	YT-TC-42S	79763	80	YTW-18S	79771	80
YCARD-42/1050-W	79615	83	YSTHD-S	79840	87	YT-TC-48S	79764	80	YTW-24S	79772	80
YCARD-48/1200-HDP	79819	85	YSTHDBK-B	79856	87	YT-W	79572	83	YTW-30S	79773	80
YCARD-48/1200-HDP	79819	87	YSTHDBK-W	79853	87	YT-W	79572	81	YTW-36S	79774	80
YCARD-48/1200-HDTC	79831	85	YSTHDBK	79850	84	YTA-18/450	79593	83	YTW-42S	79775	80
YCARD-48/1200-HDTC	79831	87	YSTHDBK	79850	87	YTA-24/600	79594	83	YTW-48S	79776	80

INDEX By Item Code

Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #
04140		221	61299	CLMN1200/48-15	223	71060	FL-RBI	218	72187	WFRD18-16	226
04143	900936	221	61300	CLMN1350/54-15	223	71060	FL-RBI	218	72188	WFRD18-30	226
04144	900948	221	61301	CLMN1500/60-15	223	71076	7.5WLD3.3/11	222	72189	WFRD24-16	226
04145	900960	221	61302	CLMN1800/72-15	223	71077	7.5NLD3.3/11	222	72190	WFRD24-30	226
04146	900972	221	61303	CLMN2100/84-15	223	71079	CLFR1800/72-12	224	72191	WFRD30-16	226
04147	900984	221	61308	CLMFR450/18-15	223	71082	CLFR2100/84-12	224	72192	WFRD30-30	226
04149	900CBK	221	61309	CLMFR600/24-15	223	71100	FLSCM-I-BULK	218	72193	WFRD36-16	226
04200	900924	221	61310	CLMFR750/30-15	223	71111	CLN460/18.4-12	224	72194	WFRD36-30	226
26107	N6D3T-24-9-A45	172	61311	CLMFR900/36-15	223	71112	CLN600/24-12	224	72195	WFRD42-16	226
26108	N6D3T-30-11-A45	172	61312	CLMFR1050/42-15	223	71113	CLN760/30.4-12	224	72196	WFRD42-30	226
26109	N6D3T-36-13-A45	172	61313	CLMFR1200/48-15	223	71115	CLN900/36-12	224	72197	WFRD48-16	226
26110	N6D3T-42-15-A45	172	61314	CLMFR1350/54-15	223	71116	CLN1060/42.4-12	224	72198	WFRD48-30	226
26111	N6D3T-48-17-A45	172	61315	CLMFR1500/60-15	223	71118	CLFR460/18.4-12	224	72199	WFRD54-16	226
26112	N6D3T-54-19-A45	172	61316	CLMFR1800/72-15	223	71119	CLFR600/24-12	224	72200	WFRD54-30	226
26113	N6D3T-60-21-A45	172	61317	CLMFR2100/84-15	223	71120	CLFR760/30.4-12	224	72201	WFRD60-16	226
26114	N6D3T-72-25-A45	172	61319	CLMFR6.5/21-15	222	71122	CLFR900/36-12	224	72202	WFRD60-30	226
26184	NI6D3T-24-9-A45	175	62052	CLMN450/18-15S	223	71123	CLFR1060/42.4-12	224	72203	WFRD72-16	226
26184	NI6D3T-24-9-A45	184	62053	CLMN600/24-15S	223	71126	CLN1360/54.4-12	224	72204	WFRD72-30	226
26185	NI6D3T-30-11-A45	175	62054	CLMN750/30-15S	223	71127	CLN1520/60.8-12	224	73017	PP72	91
26185	NI6D3T-30-11-A45	184	62055	CLMN900/36-15S	223	71131	WCLN18-16	227	73024	PPS6	91
26186	NI6D3T-36-13-A45	175	62056	CLMN1050/42-15S	223	71132	WCLN24-16	227	73047	HSA8SS	70
26186	NI6D3T-36-13-A45	184	62057	CLMN1200/48-15S	223	71133	WCLN30-16	227	73047	HSA8SS	72
26187	NI6D3T-42-15-A45	175	62058	CLMN1350/54-15S	223	71134	WCLN30-30	227	73047	HSA8SS	74
26187	NI6D3T-42-15-A45	184	62059	CLMN1500/60-15S	223	71135	WCLN36-16	227	73047	HSA8SS	75
26188	NI6D3T-48-17-A45	175	62060	CLMN1800/72-15S	223	71136	WCLN36-30	227	73047	HSA8SS	148
26188	NI6D3T-48-17-A45	184	62061	CLMN2100/84-15S	223	71137	WCLN42-16	227	73048	HSA8S	70
26189	NI6D3T-54-19-A45	175	62063	CLMFR450/18-15S	223	71138	WCLN42-30	227	73048	HSA8S	72
26189	NI6D3T-54-19-A45	184	62064	CLMFR600/24-15S	223	71139	WCLN48-16	227	73048	HSA8S	74
26190	NI6D3T-60-21-A45	175	62065	CLMFR750/30-15S	223	71140	FLM-PC	218	73048	HSA8S	75
26190	NI6D3T-60-21-A45	184	62066	CLMFR900/36-15S	223	71141	FL-CP-I	218	73048	HSA8S	148
26191	NI6D3T-72-25-A45	175	62067	CLMFR1050/42-15S	223	71141	FL-CP-I	218	73049	HSA8M	70
26191	NI6D3T-72-25-A45	184	62068	CLMFR1200/48-15S	223	71144	WCLN48-30	227	73049	HSA8M	72
30001	EBC1	221	62069	CLMFR1350/54-15S	223	71145	WCLN54-30	227	73049	HSA8M	74
30002	EBC2	221	62070	CLMFR1500/60-15S	223	71146	WCLN60-30	227	73049	HSA8M	75
30003	EBC1-B	221	62071	CLMFR1800/72-15S	223	71147	WCLN72-30	227	73049	HSA8M	148
30004	EBC2-B	221	62072	CLMFR2100/84-15S	223	71149	WCLN54-16	227	73050	HPS8	148
30005	EBC1-DR	221	62216	CLMN6.5/21-15	222	71150	WCLN24-30	227	73063	HSA8L	70
30006	EBC2-DR	221	70186	FL-ACT	225	71151	WCLN72-16	227	73063	HSA8L	72
30007	EBC-EB	221	70189	FL-PR-0.75	225	71152	25ND6.5/21	222	73063	HSA8L	74
30008	EBC-H	221	71002	10ND6.5/21	222	71155	12NDC6.5/21	222	73063	HSA8L	148
30018	CEBC1	221	71004	12ND6.5/21	222	71159	12FRDC6.5/21	222	73064	HSA8LL	70
30019	CEBC2	221	71005	CLFR1200/48-12	224	71163	25NP6.5/21	222	73064	HSA8LL	72
30373	LSHDCBS	221	71006	15ND6.5/21	222	71164	FL-CP-ISS	218	73064	HSA8LL	74
30390	LSHD-RPK	221	71008	20ND6.5/21	222	71165	WCLN60-16	227	73064	HSA8LL	148
30392	LSHDS	221	71009	CLFR1520/60.8-12	224	71168	FL-PC-ISS	218	73131	CBV-XS	165
30393	LSHD30	221	71010	10NP6.5/21	222	72129	20FRP6.5/21	222	73132	CBV-S	165
30394	LSHD36	221	71012	12NP6.5/21	222	72169	WND18-16	226	73133	CBV-M	165
30395	LSHD42	221	71014	10FRD6.5/21	222	72170	WND18-30	226	73134	CBV-L	165
30396	LSHD48	221	71015	15FRP6.5/21	222	72171	WND24-16	226	73156	PSA150	88
30397	LSHD54	221	71016	12FRD6.5/21	222	72172	WND24-30	226	73156	PSA150	91
30398	LSHD60	221	71017	15NP6.5/21	222	72173	WND30-16	226	73156	PSA150	109
30399	LSHD72	221	71018	15FRD6.5/21	222	72174	WND30-30	226	73156	PSA150	112
30400	LSHDLP	221	71019	20FRD6.5/21	222	72175	WND36-16	226	73163	RBPRET	201
30408	LSHDB72-2	221	71020	10FRP6.5/21	222	72176	WND36-30	226	73163	RBPRET	208
30414	LSHDB36-2	221	71021	20NP6.5/21	222	72177	WND42-16	226	73190	VBK-XS	165
30418	LSHDB30-2	221	71022	12FRP6.5/21	222	72178	WND42-30	226	73190	VBK-XS	168
30421	LSHDB42-2	221	71039	CLN1200/48-12	224	72179	WND48-16	226	73191	VBK-S	165
30423	LSHDB48-2	221	71042	CLN1800/72-12	224	72180	WND48-30	226	73191	VBK-S	168
30424	LSHDB54-2	221	71044	CLN2100/84-12	224	72181	WND54-16	226	73192	VBK-M	165
30430	LSHDB60-2	221	71052	FLSC-I	218	72182	WND54-30	226	73192	VBK-M	168
61294	CLMN450/18-15	223	71054	FLSC-I-BULK	218	72183	WND60-16	226	73193	VBK-L	165
61295	CLMN600/24-15	223	71055	FLSCM-I	218	72184	WND60-30	226	73193	VBK-L	168
61296	CLMN750/30-15	223	71057	FL-PC-I	218	72185	WND72-16	226	73399	VMBK	168
61297	CLMN900/36-15	223	71058	FL-RPI	218	72186	WND72-30	226	73400	VPXS	168
61298	CLMN1050/42-15	223	71058	FL-RPI	218				73408	VPS	168

INDEX By Item Code

Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #
73409	VPM	168	74502	HDT5	124	74695	RDP1-XL	166	74890	PTM60T	210
73410	VPL	168	74502	HDT5	148	74698	RDPMBK	168	74891	PTMHD54T	210
73438	PV72	88	74504	STKD	148	74699	RDPBK-S	166	74892	PTMHD60T	210
73533	VCS	168	74505	STKS	148	74699	RDPBK-S	168	74893	PTMHD72T	210
73535	VMFXS	168	74534	ISC	149	74700	RDPBK-M	166	74894	PTMHD84T	210
73549	VMFS	168	74535	ICT6	76	74700	RDPBK-M	168	74895	PTMSD72T	210
73626	PHA	91	74535	ICT6	77	74701	RDPBK-L	166	74896	PTMSD84T	210
73626	PHA	112	74535	ICT6	79	74701	RDPBK-L	168	74897	PTMSD96T	210
73628	RSA150	92	74535	ICT6	88	74702	RDPBK-XL	166	74898	PTMSD120T	210
73628	RSA150	94	74535	ICT6	89	74702	RDPBK-XL	168	74899	PTM30R	210
73628	RSA150	96	74535	ICT6	91	74705	RDPMSK	168	74900	PTM36R	210
73628	RSA150	98	74535	ICT6	92	74709	SPK18	144	74901	PTM42R	210
73628	RSA150	99	74535	ICT6	94	74710	SPK24	144	74902	PTM48R	210
73628	RSA150	100	74535	ICT6	95	74711	SPK30	144	74903	PTM54R	210
73628	RSA150	101	74535	ICT6	98	74712	SPK36	144	74904	PTM60R	210
73628	RSA150	102	74535	ICT6	99	74713	SPK42	144	74905	PTMHD54R	210
73628	RSA150	106	74535	ICT6	101	74714	SPK48	144	74906	PTMHD60R	210
73628	RSA150	108	74535	ICT6	102	74715	SPK54	144	74907	PTMHD72R	210
73628	RSA150	113	74535	ICT6	106	74716	SPK60	144	74908	PTMHD84R	210
73628	RSA150	116	74535	ICT6	108	74717	SPK72	144	74909	PTMSD72R	210
73628	RSA150	117	74535	ICT6	109	74718	SPKHD72	144	74910	PTMSD84R	210
73628	RSA150	120	74535	ICT6	112	74719	SPKHD84	144	74911	PTMSD96R	210
73631	HVPT	72	74535	ICT6	113	74720	SPKHD96	144	74912	PTMSD120R	210
73631	HVPT	74	74535	ICT6	116	74721	SPKHD120	144	74914	MSR	214
73631	HVPT	148	74535	ICT6	117	74742	SPBV	144	74915	MSRSD	214
74037	VMFM	168	74535	ICT6	120	74743	SPYS	144	74916	PMSMK	214
74038	VMFL	168	74535	ICT6	149	74744	SPPR	144	74917	PMSMKSD	214
74100	HW-BC	147	74550	HDARK	148	74745	SPH10	144	74918	MAK	214
74141	HTTS	147	74558	RBP1S-S	199	74746	SPN	144	74919	MAKHD	214
74307	HXF8SS	68	74559	RBP1S-M	199	74747	SPG	144	74920	MAKSD	214
74307	HXF8SS	148	74560	RBP1S-L	199	74748	SPPN	144	74921	MORK	214
74313	STKHSS	148	74561	RBP1S-XL	199	74771	HSSTS	74	74921	MORK	215
74316	STKHSD	148	74562	RBPSR-S	201	74771	HSSTS	148	74922	MORKSD	214
74389	CBV-72	165	74563	RBPSR-M	201	74772	HSSCS	74	74922	MORKSD	215
74390	CBV-84	165	74564	RBPSR-L	201	74772	HSSCS	148	74923	MCRK	213
74391	CBV-96	165	74565	RBPSR-XL	201	74773	PSSS	91	74923	MCRK	214
74395	VP72	168	74566	PC18	88	74773	PSSS	98	74923	MCRK	215
74396	VP84	168	74567	PC24	88	74773	PSSS	102	74924	MCRKSD	214
74397	VP96	168	74568	PC30	88	74773	PSSS	106	74924	MCRKSD	215
74398	VMF72	168	74569	PC36	88	74773	PSSS	108	74925	MCB	213
74399	VMF84	168	74570	PC42	88	74774	ELT	147	74925	MCB	214
74417	STJK	19	74571	PC48	88	74775	STJM	19	74925	MCB	215
74417	STJK	124	74572	PC54	88	74775	STJM	124	74926	MCBSD	214
74417	STJK	148	74573	PC60	88	74775	STJM	148	74926	MCBSD	215
74419	STTS	19	74574	PC72	88	74776	HBTK	148	74927	MCSK	213
74419	STTS	124	74612	RP-72	94	74821	HTV18SS	75	74927	MCSK	214
74419	STTS	148	74618	RC18	92	74822	HTV24SS	75	74927	MCSK	215
74440	VMF96	168	74619	RC24	92	74823	HTV30SS	75	74928	MCSKHD	213
74448	UFB18	121	74620	RC30	92	74824	HTV36SS	75	74928	MCSKHD	214
74449	UFB24	121	74621	RC36	92	74825	HTV42SS	75	74928	MCSKHD	215
74450	UFB30	121	74622	RC42	92	74826	HTV48SS	75	74929	MCSKSD	214
74451	UFB36	121	74623	RC48	92	74828	HTV18S	75	74929	MCSKSD	215
74452	UFB42	121	74624	RC54	92	74829	HTV24S	75	74930	MCS	213
74453	UFB48	121	74625	RC60	92	74830	HTV30S	75	74930	MCS	214
74454	UFB54	121	74626	RC72	92	74831	HTV36S	75	74930	MCS	215
74455	UFB60	121	74641	RV-72	92	74832	HTV42S	75	74931	MCSHD	213
74456	UFB72	121	74689	HXF8S	68	74833	HTV48S	75	74931	MCSHD	214
74457	VBK-72	165	74689	HXF8S	148	74838	HTV36M	75	74931	MCSHD	215
74457	VBK-72	168	74690	HXF8M	68	74839	HTV42M	75	74932	MCSSD	214
74458	VBK-84	165	74690	HXF8M	148	74840	HTV48M	75	74932	MCSSD	215
74458	VBK-84	168	74691	HXF8L	68	74885	PTM30T	210	74941	SRBK	145
74459	VBK-96	165	74691	HXF8L	148	74886	PTM36T	210	74952	SPKHD42	144
74459	VBK-96	168	74692	RDP1-S	166	74887	PTM42T	210	74953	SPKHD48	144
74460	UFB84	121	74693	RDP1-M	166	74888	PTM48T	210	74954	SPKHD54	144
74502	HDT5	19	74694	RDP1-L	166	74889	PTM54T	210	74955	SPKHD60	144

INDEX By Item Code

Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #
74982	VMLK	168	75619	EZP1P12	19	75646	EZS2-36	76	75800	MSP-854	34
74983	VSC	168	75619	EZP1P12	20	75647	EZS2-42	76	75801	MSP-860	34
75017	FL-ADH-0.8	225	75620	EZP1P18	19	75648	EZS2-48	76	75802	MSP-872	34
75419	HVT8-S/S	70	75620	EZP1P18	20	75649	EZS2-54	76	75803	MSPP24	39
75419	HVT8-S/S	74	75621	EZP1P24	19	75650	EZS2-60	76	75804	MSPP30	39
75419	HVT8-S/S	75	75621	EZP1P24	20	75651	EZS2-72	76	75804	MSPP30	129
75419	HVT8-S/S	148	75622	EZP1P30	19	75652	EZS2P18	79	75805	MSPP36	39
75513	PAB	79	75622	EZP1P30	20	75652	EZS2P18	149	75805	MSPP36	129
75513	PAB	91	75623	EZP1P36	19	75653	EZS2P24	79	75806	MSPP42	39
75513	PAB	94	75623	EZP1P36	20	75653	EZS2P24	149	75806	MSPP42	129
75513	PAB	112	75624	EZP1P42	19	75654	EZS2P30	79	75807	MSPP48	39
75513	PAB	116	75624	EZP1P42	20	75654	EZS2P30	149	75807	MSPP48	129
75513	PAB	133	75625	EZP1P48	19	75655	EZS2P36	79	75808	MSPP54	39
75513	PAB	149	75625	EZP1P48	20	75655	EZS2P36	149	75808	MSPP54	129
75522	RBPFK-S	201	75626	EZP1P54	19	75656	EZS2P42	79	75809	MSPP60	39
75523	RBPFK-M	201	75626	EZP1P54	20	75656	EZS2P42	149	75809	MSPP60	129
75524	RBPFK-L	201	75627	EZP1P60	19	75657	EZS2P48	79	75810	MSPP72	39
75525	RBPFK-XL	201	75627	EZP1P60	20	75657	EZS2P48	149	75811	MSPMPK	39
75526	RBPMBK	201	75628	CRB10	16	75658	EZS2P54	79	75811	MSPMPK	47
75527	RBPI-T-S	201	75628	CRB10	22	75658	EZS2P54	149	75811	MSPMPK	67
75528	RBPI-T-M	201	75628	CRB10	37	75659	EZS2P60	79	75811	MSPMPK	74
75529	RBPI-T-L	201	75628	CRB10	152	75659	EZS2P60	149	75816	MSPLL	39
75530	RBPI-T-XL	201	75629	CRB16	16	75660	EZS2P72	79	75816	MSPLL	67
75531	MFASK	214	75629	CRB16	22	75660	EZS2P72	149	75816	MSPLL	74
75565	HSA8SSS	148	75629	CRB16	37	75661	FFCK	79	75817	RMC1	217
75566	RDPF-S	168	75629	CRB16	152	75666	EZS2MBK	79	75819	RMC1-CP	217
75567	RDPF-M	168	75630	CRB22	16	75666	EZS2MBK	91	75820	RMC1-CB	217
75568	RDPF-L	168	75630	CRB22	22	75666	EZS2MBK	94	75820	RMC1-CB	219
75569	RDPF-XL	168	75630	CRB22	37	75666	EZS2MBK	112	75821	RMC1-PL	217
75570	VUBK-XS	165	75630	CRB22	152	75666	EZS2MBK	116	75830	MMBK	49
75571	VUBK-S	165	75631	CRB28	16	75666	EZS2MBK	133	75830	MMBK	56
75572	VUBK-M	165	75631	CRB28	22	75666	EZS2MBK	149	75830	MMBK	140
75573	VUBK-L	165	75631	CRB28	37	75771	EZP1-272	11	75831	MSPBPK	39
75574	VUBK-72	165	75631	CRB28	152	75772	EZP1P72	19	75831	MSPBPK	129
75575	VUBK-84	165	75632	CRB34	16	75772	EZP1P72	20	75832	RMC1-PP	217
75576	VUBK-96	165	75632	CRB34	22	75773	CRB70	16	75833	RMC1-BULK	217
75578	SPMK2	144	75632	CRB34	37	75773	CRB70	22	75834	RMC1-LS	217
75579	SPMK3	144	75632	CRB34	152	75773	CRB70	37	75835	RMC1LS-PL	217
75583	PTM24T	210	75633	CRB40	16	75773	CRB70	152	75836	RMC1-LSP	217
75584	PTM24R	210	75633	CRB40	22	75774	EZP1-872	11	75843	STS-S	87
75585	TTTS-S/S	125	75633	CRB40	37	75775	CRB64	16	75843	STS-S	98
75586	HDTTS-S/S	125	75633	CRB40	152	75775	CRB64	22	75843	STS-S	106
75588	PLSC18	89	75634	CRB46	16	75775	CRB64	37	75843	STS-S	107
75589	PLSC24	89	75634	CRB46	22	75778	FLSC-ISS	218	75843	STS-S	120
75590	PLSC30	89	75634	CRB46	37	75779	EZP1-818	11	75843	STS-S	129
75591	PLSC36	89	75634	CRB46	152	75780	EZP1-824	11	75843	STS-S	136
75592	PLSC42	89	75635	CRB52	16	75781	EZP1-830	11	75844	STS-B	87
75593	PLSC48	89	75635	CRB52	22	75782	EZP1-836	11	75844	STS-B	98
75594	PLSC54	89	75635	CRB52	37	75783	EZP1-842	11	75844	STS-B	106
75595	PLSP18	91	75635	CRB52	152	75784	EZP1-848	11	75844	STS-B	107
75596	PLSP24	91	75636	CRB58	16	75785	EZP1-854	11	75844	STS-B	120
75597	PLSP30	91	75636	CRB58	22	75786	EZP1-860	11	75844	STS-B	129
75598	PLSP36	91	75636	CRB58	37	75787	MSP-224	34	75844	STS-B	136
75599	PLSP42	91	75636	CRB58	152	75788	MSP-230	34	75845	QMTS-P	19
75600	PLSP48	91	75637	EZP1MPK	19	75789	MSP-236	34	75845	QMTS-P	39
75601	PLSP54	91	75641	EZP1PL	19	75790	MSP-242	34	75845	QMTS-P	47
75610	EZP1-212	11	75641	EZP1PL	20	75791	MSP-248	34	75845	QMTS-P	67
75611	EZP1-218	11	75641	EZP1PL	148	75792	MSP-254	34	75845	QMTS-P	74
75612	EZP1-224	11	75642	EZP1BP	19	75793	MSP-260	34	75845	QMTS-P	124
75613	EZP1-230	11	75642	EZP1BP	20	75794	MSP-272	34	75846	STS-W	98
75614	EZP1-236	11	75642	EZP1BP	156	75795	MSP-824	34	75846	STS-W	106
75615	EZP1-242	11	75642	EZP1BP	157	75796	MSP-830	34	75846	STS-W	107
75616	EZP1-248	11	75643	EZS2-18	76	75797	MSP-836	34	75846	STS-W	120
75617	EZP1-254	11	75644	EZS2-24	76	75798	MSP-842	34	75846	STS-W	129
75618	EZP1-260	11	75645	EZS2-30	76	75799	MSP-848	34	75846	STS-W	136

INDEX By Item Code

Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #
75847	STAK	106	75913	MHS-42	99	75982	HXF2-L	68	76075	QMT-W	39
75847	STAK	108	75914	MHS-48	99	75982	HXF2-L	74	76075	QMT-W	47
75847	STAK	120	75915	MHS-54	99	75982	HXF2-L	148	76075	QMT-W	67
75847	STAK	129	75916	MHS-60	99	75985	RBQC1HD-12	153	76075	QMT-W	74
75868	MDWS-24	126	75917	MHS-72	99	75986	RBQC1HD-18	153	76083	SATB	107
75869	MDWS-30	126	75918	MHSP-24	98	75987	RBQC1HD-24	153	76083	SATB	129
75870	MDWS-36	126	75918	MHSP-24	106	75988	RBQC1HD-30	153	76083	SATB	136
75871	MDWS-42	126	75919	MHSP-30	98	75989	RBQC1HD-36	153	76084	SATHB	107
75872	MDWS-48	126	75919	MHSP-30	106	75990	RBQC1HD-42	153	76084	SATHB	129
75873	MDWS-54	126	75920	MHSP-36	98	75991	RBQC1HD-48	153	76084	SATHB	136
75874	MDWS-60	126	75920	MHSP-36	106	75992	RBQC1HD-54	153	76085	HTS18	77
75875	MDWS-72	126	75921	MHSP-42	98	75993	RBQC1HD-66	153	76086	HTS24	77
75883	DWP-72	129	75921	MHSP-42	106	75995	RBAGS-16	156	76087	HTS30	77
75884	CDWB24	126	75922	MHSP-48	98	75996	RBAGS-22	156	76088	HTS36	77
75885	CDWB30	126	75922	MHSP-48	106	75997	RBAGS-28	156	76089	HTS42	77
75886	CDWB36	126	75923	MHSP-54	98	75998	RBAGS-34	156	76090	HTS48	77
75887	CDWB42	126	75923	MHSP-54	106	75999	RBAGS-40	156	76091	HTS54	77
75888	CDWB48	126	75924	MHSP-60	98	76024	MAPEK	140	76092	HTS60	77
75889	CDWB54	126	75924	MHSP-60	106	76025	MCBK	213	76093	HTS72	77
75890	CDWB60	126	75925	MHSP-72	98	76025	MCBK	214	76094	HTSCK	77
75891	CDWB72	126	75925	MHSP-72	106	76025	MCBK	215	76094	HTSCK	79
75892	STAKHD	106	75927	PFC	106	76026	MCBKHD	213	76096	QMTPAK	39
75892	STAKHD	108	75927	PFC	120	76026	MCBKHD	214	76096	QMTPAK	47
75892	STAKHD	120	75929	MHCP-24S	56	76026	MCBKHD	215	76096	QMTPAK	67
75892	STAKHD	129	75930	MHCP-30S	56	76027	MCBKSD	214	76096	QMTPAK	74
75896	PSTA	39	75931	MHCP-36S	56	76027	MCBKSD	215	76096	QMTPAK	124
75896	PSTA	47	75932	MHCP-42S	56	76028	RBAGS-46	156	76097	QMTBK-P	39
75896	PSTA	55	75933	MHCP-48S	56	76029	RBAGS-52	156	76097	QMTBK-P	40
75896	PSTA	60	75934	MHCP-54S	56	76030	RBAGS-58	156	76097	QMTBK-P	47
75896	PSTA	67	75935	MHCP-60S	56	76031	RBAGS-70	156	76097	QMTBK-P	48
75896	PSTA	74	75936	MHCP-72S	56	76032	RBAS4-18	159	76097	QMTBK-P	67
75896	PSTA	124	75945	MHCP-BPA24	58	76033	RBAS4-24	159	76097	QMTBK-P	74
75897	PTPK	55	75946	MHCP-BPA30	58	76034	RBAS4-30	159	76098	QMTBK-W	39
75897	PTPK	60	75947	MHCP-BPA36	58	76035	RBAS4-36	159	76098	QMTBK-W	40
75898	PSTS-W	39	75948	MHCP-BPA42	58	76036	RBAS4-42	159	76098	QMTBK-W	47
75898	PSTS-W	47	75949	MHCP-BPA48	58	76037	RBAS4-48	159	76098	QMTBK-W	48
75898	PSTS-W	55	75950	MHCP-BPA54	58	76038	RBAS4-54	159	76098	QMTBK-W	55
75898	PSTS-W	60	75951	MHCP-BPA60	58	76039	RBAS4-60	159	76098	QMTBK-W	60
75898	PSTS-W	67	75952	MHCP-BPA72	58	76040	RBAS4-72	159	76098	QMTBK-W	67
75898	PSTS-W	74	75953	MHCP-BCK24	58	76041	RBAER-10	160	76098	QMTBK-W	74
75898	PSTS-W	124	75954	MHCP-BCK30	58	76042	RBAER-16	160	76098	QMTBK-W	124
75899	PSTS-S	47	75955	MHCP-BCK36	58	76043	RBAER-22	160	76099	QMTPSBK	39
75899	PSTS-S	55	75956	MHCP-BCK42	58	76044	RBAER-28	160	76099	QMTPSBK	47
75899	PSTS-S	60	75957	MHCP-BCK48	58	76045	RBAER-34	160	76099	QMTPSBK	67
75899	PSTS-S	67	75958	MHCP-BCK54	58	76046	RBAER-40	160	76099	QMTPSBK	74
75899	PSTS-S	74	75959	MHCP-BCK60	58	76047	RBAER-46	160	76099	QMTPSBK	124
75901	HFC2	74	75960	MHCP-BCK72	58	76048	RBAER-52	160	76101	HV-18SS	70
75901	HFC2	148	75961	MHP-CP24	60	76049	RBAER-58	160	76102	HV-24SS	70
75902	HXFC2	74	75962	MHP-CP30	60	76050	RBAER-70	160	76103	HV-30SS	70
75902	HXFC2	148	75963	MHP-CP36	60	76069	AWTNCB	47	76104	HV-36SS	70
75905	AWTB	47	75964	MHP-CP42	60	76069	AWTNCB	55	76105	HV-42SS	70
75905	AWTB	55	75965	MHP-CP48	60	76069	AWTNCB	60	76106	HV-48SS	70
75905	AWTB	60	75966	MHP-CP54	60	76071	SSTSMB	99	76107	HV-54S	70
75906	AWTMB	47	75967	MHP-CP60	60	76071	SSTSMB	126	76108	HV-60S	70
75906	AWTMB	55	75968	MHP-CP72	60	76071	SSTSMB	140	76109	HV-72S	70
75906	AWTMB	60	75978	SSRB	60	76072	SSTLMB	99	76110	H78P18	74
75907	AWTA	47	75979	HXF2-SS	68	76072	SSTLMB	126	76111	H78P24	74
75907	AWTA	55	75979	HXF2-SS	74	76072	SSTLMB	140	76112	H78P30	74
75907	AWTA	60	75979	HXF2-SS	148	76073	SSTOTA	99	76113	H78P36	74
75909	AWTHK	47	75980	HXF2-S	68	76073	SSTOTA	126	76114	H78P42	74
75909	AWTHK	55	75980	HXF2-S	74	76073	SSTOTA	140	76115	H78P48	74
75909	AWTHK	60	75980	HXF2-S	148	76074	QMT-P	39	76116	H78P54	74
75910	MHS-24	99	75981	HXF2-M	68	76074	QMT-P	47	76117	H78P60	74
75911	MHS-30	99	75981	HXF2-M	74	76074	QMT-P	67	76118	H78P72	74
75912	MHS-36	99	75981	HXF2-M	148	76074	QMT-P	74	76124	HVP-18S	72

INDEX By Item Code

Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #
76125	HVP-24S	72	76275	HVP-42M	72	76418	EZP10TK1	19	76540	QMTBK-G	47
76126	HVP-30S	72	76276	HVP-42L	72	76419	EZP10TK2	19	76540	QMTBK-G	48
76127	HVP-36S	72	76277	HVP-48M	72	76450	MMP-624	41	76551	MMP-1230	41
76128	HVP-42S	72	76278	HVP-48L	72	76451	MMP-630	41	76552	MMP-1236	41
76129	HVP-48S	72	76279	HVP-48LL	72	76452	MMP-636	41	76553	MMP-1242	41
76130	HVP-54S	72	76280	HVP-54M	72	76453	MMP-642	41	76554	MMP-1248	41
76131	HVP-60S	72	76281	HVP-54L	72	76454	MMP-648	41	76555	MMP-1254	41
76132	HVP-72S	72	76282	HVP-54LL	72	76455	MMP-654	41	76556	MMP-1260	41
76138	HXF2-18SS	68	76283	HVP-60M	72	76456	MMP-660	41	76557	MMP-1272	41
76139	HXF2-24SS	68	76284	HVP-60L	72	76457	MMP-672	41	76558	RMC2-FS-1	219
76140	HXF2-30SS	68	76285	HVP-60LL	72	76458	MMPCP24	47	76559	RMC2-FSAPK	219
76141	HXF2-36SS	68	76286	HVP-72M	72	76458	MMPCP24	55	76560	PFC-SS	106
76142	HXF2-42SS	68	76287	HVP-72L	72	76459	MMPCP30	47	76560	PFC-SS	108
76143	HXF2-48SS	68	76288	HVP-72LL	72	76459	MMPCP30	55	76570	RB6SA	161
76144	HXF2-54SS	68	76289	HXF2-18S	68	76460	MMPCP36	47	76571	RB6DH	162
76145	HXF2-60S	68	76290	HXF2-18M	68	76460	MMPCP36	55	76572	RBAGSCM-16	157
76146	HXF2-72S	68	76291	HXF2-24S	68	76461	MMPCP42	47	76573	RBAGSCM-22	157
76169	MHS-18V	99	76292	HXF2-24M	68	76461	MMPCP42	55	76574	RBAGSCM-28	157
76170	MHS-24V	99	76293	HXF2-30S	68	76462	MMPCP48	47	76575	RBAGSCM-34	157
76171	MHS-30V	99	76294	HXF2-30M	68	76462	MMPCP48	55	76576	RBAGSCM-40	157
76172	MHS-36V	99	76295	HXF2-36S	68	76463	MMPCP54	47	76577	RBAGSCM-46	157
76173	MHS-42V	99	76296	HXF2-36M	68	76463	MMPCP54	55	76578	RBAGSCM-52	157
76174	MHS-48V	99	76297	HXF2-36L	68	76464	MMPCP60	47	76579	RBAGSCM-58	157
76175	MHS-54V	99	76298	HXF2-42S	68	76464	MMPCP60	55	76581	RBAGSCM-70	157
76176	MHS-60V	99	76299	HXF2-42M	68	76465	MMPCP72	47	76593	CRB-HT10	16
76177	MHS-72V	99	76300	HXF2-42L	68	76465	MMPCP72	55	76593	CRB-HT10	22
76178	MHSP-18	98	76301	HXF2-48S	68	76466	MMPBPK	47	76593	CRB-HT10	37
76178	MHSP-18	106	76302	HXF2-48M	68	76466	MMPBPK	155	76594	CRB-HT16	16
76190	HV-18S	70	76303	HXF2-48L	68	76981	FL-M-SP	220	76594	CRB-HT16	22
76191	HV-18M	70	76304	HXF2-54S	68	76982	FL-L-SP	220	76594	CRB-HT16	37
76192	HV-24S	70	76305	HXF2-54M	68	76472	FLEL-M	220	76595	CRB-HT22	16
76193	HV-24M	70	76306	HXF2-54L	68	76473	FLEL-L	220	76595	CRB-HT22	22
76194	HV-30S	70	76307	HXF2-60M	68	76474	FLELP	220	76595	CRB-HT22	37
76195	HV-30M	70	76308	HXF2-60L	68	76478	FLRP	220	76596	CRB-HT28	16
76196	HV-36S	70	76309	HXF2-72M	68	76479	FLCP	220	76596	CRB-HT28	22
76197	HV-36M	70	76310	HXF2-72L	68	76483	QMT-G	39	76596	CRB-HT28	37
76198	HV-36L	70	76392	MHP-EP	47	76483	QMT-G	47	76597	CRB-HT34	16
76199	HV-42S	70	76392	MHP-EP	55	76484	QMTS-G	39	76597	CRB-HT34	22
76205	RVT6-S/S	108	76392	MHP-EP	60	76484	QMTS-G	47	76597	CRB-HT34	37
76249	RSA	94	76392	MHP-EP	112	76485	TRB18	45	76598	CRB-HT40	16
76249	RSA	116	76392	MHP-EP	116	76485	TRB18	155	76598	CRB-HT40	22
76251	HV-42M	70	76392	MHP-EP	120	76486	TRB24	45	76598	CRB-HT40	37
76252	HV-42L	70	76393	MHCP-CH	60	76486	TRB24	155	76599	CRB-HT46	16
76253	HV-42LL	70	76394	MHCP-BS	60	76487	TRB30	45	76599	CRB-HT46	22
76254	HV-48S	70	76399	HOBK	67	76487	TRB30	155	76599	CRB-HT46	37
76255	HV-48M	70	76399	HOBK	74	76488	TRB36	45	76600	CRB-HT52	16
76256	HV-48L	70	76403	EST-P	19	76488	TRB36	155	76600	CRB-HT52	22
76257	HV-48LL	70	76404	EST-S	19	76489	TRB42	45	76600	CRB-HT52	37
76258	HV-54M	70	76405	EST-B	19	76489	TRB42	155	76601	CRB-HT58	16
76259	HV-54L	70	76406	ESTAK-EST	19	76490	TRB48	45	76601	CRB-HT58	22
76260	HV-54LL	70	76406	ESTAK-EST	124	76490	TRB48	155	76601	CRB-HT58	37
76261	HV-60M	70	76407	ESPSBK	19	76491	TRB54	45	76602	CRB-HT64	16
76262	HV-60L	70	76408	ESPBK	19	76491	TRB54	155	76602	CRB-HT64	22
76263	HV-60LL	70	76409	ESPRK	19	76492	TRB60	45	76602	CRB-HT64	37
76264	HV-72M	70	76409	ESPRK	124	76492	TRB60	155	76603	CRB-HT70	16
76265	HV-72L	70	76410	ESBK-PS	19	76493	TRB66	45	76603	CRB-HT70	22
76266	HV-72LL	70	76410	ESBK-PS	124	76493	TRB66	155	76603	CRB-HT70	37
76267	HVP-18M	72	76411	ESBK-B	19	76494	TRB72	45	76613	MHS-24R	102
76268	HVP-18L	72	76412	ESS-S	19	76494	TRB72	155	76614	MHS-30R	102
76269	HVP-24M	72	76412	ESS-S	124	76537	MMPK	49	76615	MHS-36R	102
76270	HVP-24L	72	76413	ESS-B	19	76537	MMPK	56	76616	MHS-42R	102
76271	HVP-30M	72	76414	RMC1-BCP	217	76537	MMPK	140	76617	MHS-48R	102
76272	HVP-30L	72	76415	RMC1-BPP	217	76538	RMC1-LSBPP	217	76618	MHS-54R	102
76273	HVP-36M	72	76415	RMC1-BPP	219	76540	QMTBK-G	39	76619	MHS-60R	102
76274	HVP-36L	72	76416	VAK	168	76540	QMTBK-G	40	76620	MHS-72R	102

INDEX By Item Code

Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #
76621	MHS-84R	102	76708	UTV72	121	76788	ABU	124	76849	DRXM-30-420	191
76622	PFRS	102	76709	UTV84	121	76788	ABU	125	76850	DRXM-36-420	191
76622	PFRS	106	76712	UTC18	121	76789	UMBK	124	76851	DRXM-42-420	191
76622	PFRS	108	76713	UTC24	121	76789	UMBK	124	76852	DRXM-48-420	191
76622	PFRS	117	76714	UTC30	121	76790	USPK	124	76853	DRXM-54-420	191
76622	PFRS	120	76715	UTC36	121	76790	USPK	124	76854	DRXM-60-420	191
76636	SSTBK-W	106	76716	UTC42	121	76791	UHSPK	124	76855	DRXM-72-420	191
76636	SSTBK-W	108	76717	UTC48	121	76791	UHSPK	124	76856	DRXM-24-520	191
76636	SSTBK-W	120	76718	UTC54	121	76792	USMK	124	76857	DRXM-30-520	191
76636	SSTBK-W	129	76719	UTC60	121	76792	USMK	124	76858	DRXM-36-520	191
76636	SSTBK-W	136	76720	UTC72	121	76793	UHMK	124	76859	DRXM-42-520	191
76637	SSTBK-B	106	76721	UTC84	121	76793	UHMK	124	76860	DRXM-48-520	191
76637	SSTBK-B	108	76724	UTF18	121	76794	UST-P	124	76861	DRXM-54-520	191
76637	SSTBK-B	120	76725	UTF24	121	76795	UST-W	124	76862	DRXM-60-520	191
76637	SSTBK-B	129	76726	UTF30	121	76796	MSP-284	34	76863	DRXM-72-520	191
76637	SSTBK-B	136	76727	UTF36	121	76797	MSP-884	34	76864	DRXM-24-435	191
76638	MHCP-2BC24	60	76728	UTF42	121	76798	MMP-684	41	76865	DRXM-30-435	191
76639	MHCP-2BC30	60	76729	UTF48	121	76799	MMP-1284	41	76866	DRXM-36-435	191
76640	MHCP-2BC36	60	76730	UTF54	121	76800	MHCP-84S	56	76867	DRXM-42-435	191
76641	MHCP-2BC42	60	76731	UTF60	121	76803	MHS-84	99	76868	DRXM-48-435	191
76642	MHCP-2BC48	60	76732	UTF72	121	76804	MHS-84V	99	76869	DRXM-54-435	191
76643	MHCP-2BC54	60	76733	UTF84	121	76805	MHS-84RV	102	76870	DRXM-60-435	191
76644	MHCP-2BC60	60	76736	URVB18/450	121	76806	MDWS-84	126	76871	DRXM-72-435	191
76645	MHCP-2BC72	60	76736	URVB18/450	122	76807	MSPP84	39	76872	DRXM-24-535	191
76646	MHS-18RV	102	76737	URVB24/600	121	76808	MMPCP84	47	76873	DRXM-30-535	191
76647	MHS-24RV	102	76737	URVB24/600	122	76808	MMPCP84	55	76874	DRXM-36-535	191
76648	MHS-30RV	102	76738	URVB30/750	121	76809	MHCP-BPA84	58	76875	DRXM-42-535	191
76649	MHS-36RV	102	76738	URVB30/750	122	76810	MHCP-BCK84	58	76876	DRXM-48-535	191
76650	MHS-42RV	102	76739	URVB36/900	121	76811	MHP-CP84	60	76877	DRXM-54-535	191
76651	MHS-48RV	102	76739	URVB36/900	122	76812	MHCP-2BC84	60	76878	DRXM-60-535	191
76652	MHS-54RV	102	76740	URVB42/1050	121	76814	MHSP-84	106	76879	DRXM-72-535	191
76653	MHS-60RV	102	76740	URVB42/1050	122	76815	DWP-84	129	76880	DRXH-24-420	193
76654	MHS-72RV	102	76741	URVB48/1200	121	76816	DRXL-24-420	189	76881	DRXH-30-420	193
76655	RBAER-44	160	76741	URVB48/1200	122	76817	DRXL-30-420	189	76882	DRXH-36-420	193
76658	HTF212	13	76742	URVB54/1350	121	76818	DRXL-36-420	189	76883	DRXH-42-420	193
76659	HTF218	13	76742	URVB54/1350	122	76819	DRXL-42-420	189	76884	DRXH-48-420	193
76660	HTF224	13	76743	URVB60/1500	121	76820	DRXL-48-420	189	76885	DRXH-54-420	193
76661	HTF230	13	76743	URVB60/1500	122	76821	DRXL-54-420	189	76886	DRXH-60-420	193
76662	HTF236	13	76744	URVB72/1800	121	76822	DRXL-60-420	189	76887	DRXH-72-420	193
76663	HTF242	13	76744	URVB72/1800	122	76823	DRXL-72-420	189	76888	DRXH-24-520	193
76664	HTF248	13	76745	URVB84/2100	121	76824	DRXL-24-520	189	76889	DRXH-30-520	193
76665	HTF254	13	76745	URVB84/2100	122	76825	DRXL-30-520	189	76890	DRXH-36-520	193
76666	HTF260	13	76748	URCB18/450	121	76826	DRXL-36-520	189	76891	DRXH-42-520	193
76667	HTF272	13	76749	URCB24/600	121	76827	DRXL-42-520	189	76892	DRXH-48-520	193
76668	CBC18	133	76750	URCB30/750	121	76828	DRXL-48-520	189	76893	DRXH-54-520	193
76669	CBC24	133	76751	URCB36/900	121	76829	DRXL-54-520	189	76894	DRXH-60-520	193
76670	CBC30	133	76752	URCB42/1050	121	76830	DRXL-60-520	189	76895	DRXH-72-520	193
76671	CBC36	133	76753	URCB48/1200	121	76831	DRXL-72-520	189	76896	DRXH-24-435	193
76672	CBC42	133	76754	URCB54/1350	121	76832	DRXL-24-435	189	76897	DRXH-30-435	193
76673	CBC48	133	76755	URCB60/1500	121	76833	DRXL-30-435	189	76898	DRXH-36-435	193
76674	CBC54	133	76756	URCB72/1800	121	76834	DRXL-36-435	189	76899	DRXH-42-435	193
76675	CBC60	133	76757	URCB84/2100	121	76835	DRXL-42-435	189	76900	DRXH-48-435	193
76692	CPB	133	76772	USP18/450	124	76836	DRXL-48-435	189	76901	DRXH-54-435	193
76695	MSPP66	129	76773	USP24/600	124	76837	DRXL-54-435	189	76902	DRXH-60-435	193
76697	TRB78	45	76774	USP30/750	124	76838	DRXL-60-435	189	76903	DRXH-72-435	193
76697	TRB78	155	76775	USP36/900	124	76839	DRXL-72-435	189	76904	DRXH-24-535	193
76700	UTV18	121	76776	USP42/1050	124	76840	DRXL-24-535	189	76905	DRXH-30-535	193
76701	UTV24	121	76777	USP48/1200	124	76841	DRXL-30-535	189	76906	DRXH-36-535	193
76702	UTV30	121	76778	USP54/1350	124	76842	DRXL-36-535	189	76907	DRXH-42-535	193
76703	UTV36	121	76779	USP60/1500	124	76843	DRXL-42-535	189	76908	DRXH-48-535	193
76704	UTV42	121	76780	USP72/1800	124	76844	DRXL-48-535	189	76909	DRXH-54-535	193
76705	UTV48	121	76781	USP84/2100	124	76845	DRXL-54-535	189	76910	DRXH-60-535	193
76706	UTV54	121	76784	UPSBK	124	76846	DRXL-60-535	189	76911	DRXH-72-535	193
76707	UTV60	121	76785	UPBK	124	76847	DRXL-72-535	189	76912	DRXD-42-520	195
			76788	ABU	124	76848	DRXM-24-420	191	76913	DRXD-48-520	195

INDEX By Item Code

Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #
76914	DRXD-54-520	195	76970	RBAGS-36	156	77103	CRB-LS46W	27	77259	UTV450J-S/S	122
76915	DRXD-60-520	195	76971	RBAGS-42	156	77103	CRB-LS46W	31	77260	UTV600J-S/S	122
76916	DRXD-72-520	195	76972	RBAGS-48	156	77104	CRB-LS52W	27	77261	UTV750J-S/S	122
76917	DRXD-84-520	195	76973	RBAGS-54	156	77104	CRB-LS52W	31	77262	UTV900J-S/S	122
76918	DRXD-96-520	195	76974	RBAGS-60	156	77105	CRB-LS58W	27	77263	UTV1050J-S/S	122
76919	DRXD-42-535	195	76975	RBAGS-72	156	77105	CRB-LS58W	31	77264	UTV1200J-S/S	122
76920	DRXD-48-535	195	76976	RBAGS-84	156	77106	RBAGM-16	29	77265	UTV1350J-S/S	122
76921	DRXD-54-535	195	76977	UBTK	124	77106	RBAGM-16	156	77267	UTV1500J-S/S	122
76922	DRXD-60-535	195	76978	UHDBTK	124	77107	RBAGM-22	29	77269	UTV1800J-S/S	122
76923	DRXD-72-535	195	76986	FLELK-XL	220	77107	RBAGM-22	156	77271	UTV2100J-S/S	122
76924	DRXD-84-535	195	77037	CSTBK	120	77108	RBAGM-28	29	77324	MMKU	124
76925	DRXD-96-535	195	77047	TRB84	45	77108	RBAGM-28	156	77327	MMKUHD	124
76926	IB4	175	77047	TRB84	155	77109	RBAGM-34	29	77330	RMC2	219
76926	IB4	178	77048	TRB90	45	77109	RBAGM-34	156	77331	HDARK-S/S	125
76926	IB4	181	77048	TRB90	155	77110	RBAGM-40	29	77332	STJM-S/S	125
76926	IB4	189	77052	SACSK	120	77110	RBAGM-40	156	77334	STJK-S/S	125
76926	IB4	191	77065	SACSRC	120	77111	RBAGM-46	29	77339	USP18/450-S/S	125
76926	IB4	193	77070	LSP12	29	77111	RBAGM-46	156	77340	USP24/600-S/S	125
76927	IB5	175	77071	LSP18	29	77114	LS-BP	29	77341	USP30/750-S/S	125
76927	IB5	178	77072	LSP24	29	77115	LS-BP-S/S	33	77342	USP36/900-S/S	125
76927	IB5	181	77073	LSP30	29	77117	LS-SW	29	77343	USP42/1050-S/S	125
76927	IB5	189	77074	LSP36	29	77118	LS-SS	29	77344	USP48/1200-S/S	125
76927	IB5	191	77075	LSP42	29	77120	LST-TAK	29	77345	USP54/1350-S/S	125
76927	IB5	193	77076	LSP48	29	77121	LST-P	29	77347	USP60/1500-S/S	125
76927	IB5	195	77077	LSP54	29	77122	LST-W	29	77349	USP72/1800-S/S	125
76928	IBBK	172	77078	LSP60	29	77123	LST-S	29	77351	USP84/2100-S/S	125
76928	IBBK	175	77079	LSP12-S/S	33	77124	LST-B-S/S	33	77357	MMKU-S/S	125
76928	IBBK	178	77080	LSP18-S/S	33	77125	LST-W-S/S	33	77358	MMKUHD-S/S	125
76928	IBBK	181	77081	LSP24-S/S	33	77126	LST-W-S/S-2	33	77364	HARK-S/S	125
76928	IBBK	189	77082	LSP30-S/S	33	77127	EZP-LS212	25	77365	LS-SPK	29
76928	IBBK	191	77083	LSP36-S/S	33	77128	EZP-LS218	25	77366	LSTMPK	29
76928	IBBK	193	77084	LSP42-S/S	33	77129	EZP-LS224	25	77367	LSTPB-RK	29
76928	IBBK	195	77085	LSP48-S/S	33	77130	EZP-LS230	25	77384	EZPTBT	20
76929	IBS-L4	189	77086	LSP54-S/S	33	77131	EZP-LS236	25	77385	EZPTBTHD	20
76930	IBS-L5	189	77087	LSP60-S/S	33	77132	EZP-LS242	25	77386	FL-XL-SP	220
76931	IBS-M4	181	77088	CRB-LS10	27	77133	EZP-LS248	25	77387	SPG-CVR-A	141
76931	IBS-M4	191	77088	CRB-LS10	31	77134	EZP-LS254	25	77388	SPG-CVR-B	141
76932	IBS-M5	181	77089	CRB-LS16	27	77135	EZP-LS260	25	77389	SPG-CVR-C	141
76932	IBS-M5	191	77089	CRB-LS16	31	77136	EZP-LS818	25	77390	SPG-CVR-D	141
76933	IBS-H4	193	77090	CRB-LS22	27	77137	EZP-LS824	25	77391	SPG-CVR-E	141
76934	IBS-H5	193	77090	CRB-LS22	31	77138	EZP-LS830	25	77392	SPG-CVR-F	141
76935	ISABK	195	77091	CRB-LS28	27	77139	EZP-LS836	25	77393	SPG-CVR-G	141
76936	IMK	189	77091	CRB-LS28	31	77140	EZP-LS842	25	77405	FLRLB-M-SP	220
76936	IMK	191	77092	CRB-LS34	27	77141	EZP-LS848	25	77406	FLRLB-L-SP	220
76936	IMK	193	77092	CRB-LS34	31	77142	EZP-LS854	25	77407	FLVRL-XL-SP	220
76937	IEA-42-60	195	77093	CRB-LS40	27	77143	EZP-LS860	25	77408	FLTW-M-SP	220
76938	IEA-72-96	195	77093	CRB-LS40	31	77144	CLSFG-212	30	77409	FLTW-L-SP	220
76939	HW-IMPB	197	77094	CRB-LS46	27	77145	CLSFG-218	30	77410	FLTW-XL-SP	220
76940	CRB76	16	77094	CRB-LS46	31	77146	CLSFG-224	30	77423	RAPEK	140
76940	CRB76	22	77095	CRB-LS52	27	77147	CLSFG-230	30	77424	MMP-624-S/S	42
76940	CRB76	37	77095	CRB-LS52	31	77148	CLSFG-236	30	77425	MMP-630-S/S	42
76941	CRB82	16	77096	CRB-LS58	27	77149	CLSFG-242	30	77426	MMP-636-S/S	42
76941	CRB82	22	77096	CRB-LS58	31	77150	CLSFG-248	30	77427	MMP-642-S/S	42
76941	CRB82	37	77097	CRB-LS10W	27	77151	CLSFG-254	30	77428	MMP-648-S/S	42
76942	CDWB84	126	77097	CRB-LS10W	31	77152	CLSFG-260	30	77429	MMP-654-S/S	42
76943	SST-BUK	106	77098	CRB-LS16W	27	77153	CLSFG-818	30	77430	MMP-660-S/S	42
76943	SST-BUK	129	77098	CRB-LS16W	31	77154	CLSFG-824	30	77431	MMP-672-S/S	42
76950	OIBBK	197	77099	CRB-LS22W	27	77155	CLSFG-830	30	77432	MMP-684-S/S	42
76956	PACB100	136	77099	CRB-LS22W	31	77156	CLSFG-836	30	77433	MMP-1230-S/S	42
76965	IB4-1U	197	77100	CRB-LS28W	27	77157	CLSFG-842	30	77434	MMP-1236-S/S	42
76966	IB5-1U	197	77100	CRB-LS28W	31	77158	CLSFG-848	30	77435	MMP-1242-S/S	42
76967	RBAGS-18	156	77101	CRB-LS34W	27	77159	CLSFG-854	30	77436	MMP-1248-S/S	42
76968	RBAGS-24	156	77101	CRB-LS34W	31	77160	CLSFG-860	30	77437	MMP-1254-S/S	42
76969	RBAGS-30	156	77102	CRB-LS40W	27	77250	FL-PKIT-ML	220	77438	MMP-1260-S/S	42
			77102	CRB-LS40W	31	77251	FL-PKIT-XL	220	77439	MMP-1272-S/S	42

INDEX By Item Code

Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #
77440	MMP-1284-S/S	42	77551	CRB-LS10HT	27	77616	MHS-60V-S/S	104	77686	PTS-RR57	206
77442	PSTA-S/S	40	77551	CRB-LS10HT	31	77617	MHS-72V-S/S	104	77686	PTS-RR57	206
77442	PSTA-S/S	48	77552	CRB-LS16HT	27	77618	MHS-84V-S/S	104	77687	PTS-RR63	206
77443	TEN-LOCK-KIT	141	77552	CRB-LS16HT	31	77620	MHSP24-S/S	108	77687	PTS-RR63	206
77450	QMTS-P-S/S	24	77553	CRB-LS22HT	27	77621	MHSP30-S/S	108	77688	PTS-RR69	206
77450	QMTS-P-S/S	40	77553	CRB-LS22HT	31	77622	MHSP36-S/S	108	77689	PTS-RR75	206
77450	QMTS-P-S/S	48	77554	CRB-LS28HT	27	77623	MHSP42-S/S	108	77690	PTS-RR81	206
77451	QMTS-W-S/S	24	77554	CRB-LS28HT	31	77624	MHSP48-S/S	108	77691	PTS-SR	208
77451	QMTS-W-S/S	40	77555	CRB-LS34HT	27	77625	MHSP54-S/S	108	77692	PTS-HDSR	208
77451	QMTS-W-S/S	48	77555	CRB-LS34HT	31	77626	MHSP60-S/S	108	77694	PTS-SAK	208
77452	QMTS-G-S/S	24	77556	CRB-LS40HT	27	77627	MHSP72-S/S	108	77696	PTS-IBK	208
77452	QMTS-G-S/S	40	77556	CRB-LS40HT	31	77628	MHSP84-S/S	108	77697	PTS-HIBK	208
77452	QMTS-G-S/S	48	77557	CRB-LS46HT	27	77630	STS-W-S/S	108	77698	PTS-PS	208
77453	MSP-224-S/S	36	77557	CRB-LS46HT	31	77631	STS-S-S/S	108	77699	PTS-PA	208
77454	MSP-230-S/S	36	77558	CRB-LS52HT	27	77632	STS-B-S/S	108	77700	PTS-MBK	208
77455	MSP-236-S/S	36	77558	CRB-LS52HT	31	77633	STHDPM2-S/S	108	77701	PTS-MBKUG	208
77456	MSP-242-S/S	36	77559	CRB-LS58HT	27	77634	STHDMK2-S/S	108	77702	PTS-EBK	208
77457	MSP-248-S/S	36	77559	CRB-LS58HT	31	77635	STGK2-S/S	108	77703	MHP-624	49
77458	MSP-254-S/S	36	77575	MMP-1836	41	77636	SST-BUK-S/S	108	77704	MHP-630	49
77459	MSP-260-S/S	36	77576	MMP-1842	41	77637	SST2HD-W-S/S	108	77705	MHP-636	49
77460	MSP-272-S/S	36	77577	MMP-1848	41	77638	SST2HD-S-S/S	108	77706	MHP-642	49
77461	MSP-284-S/S	36	77578	MMP-1854	41	77639	SST2HD-B-S/S	108	77707	MHP-648	49
77462	MSP-824-S/S	36	77579	MMP-1860	41	77640	MHS-24R-S/S	104	77708	MHP-654	49
77463	MSP-830-S/S	36	77580	MMP-1872	41	77641	MHS-30R-S/S	104	77709	MHP-660	49
77464	MSP-836-S/S	36	77581	MMP-1884	41	77642	MHS-36R-S/S	104	77710	MHP-672	49
77465	MSP-842-S/S	36	77582	MSPMPK-S/S	40	77643	MHS-42R-S/S	104	77711	MHP-684	49
77466	MSP-848-S/S	36	77582	MSPMPK-S/S	48	77644	MHS-48R-S/S	104	77712	MHP-696	49
77467	MSP-854-S/S	36	77583	MSPBPK-S/S	24	77645	MHS-54R-S/S	104	77713	MHP-1230	49
77468	MSP-860-S/S	36	77583	MSPBPK-S/S	40	77646	MHS-60R-S/S	104	77714	MHP-1236	49
77470	MSP-872-S/S	36	77584	QMT-P-S/S	40	77647	MHS-72R-S/S	104	77715	MHP-1242	49
77471	MSP-884-S/S	36	77584	QMT-P-S/S	48	77648	MHS-84R-S/S	104	77716	MHP-1248	49
77472	MSPP24-S/S	40	77585	QMT-W-S/S	40	77649	MHS-24RV-S/S	104	77717	MHP-1254	49
77473	MSPP30-S/S	40	77585	QMT-W-S/S	48	77650	MHS-30RV-S/S	104	77718	MHP-1260	49
77474	MSPP36-S/S	40	77586	QMT-G-S/S	40	77651	MHS-36RV-S/S	104	77719	MHP-1272	49
77475	MSPP42-S/S	40	77586	QMT-G-S/S	48	77652	MHS-42RV-S/S	104	77720	MHP-1284	49
77476	MSPP48-S/S	40	77587	QMTPAK-S/S	40	77653	MHS-48RV-S/S	104	77721	MHP-1296	49
77477	MSPP54-S/S	40	77587	QMTPAK-S/S	48	77654	MHS-54RV-S/S	104	77722	MMPCP96	47
77478	MSPP60-S/S	40	77588	QMTPSBK-S/S	40	77655	MHS-60RV-S/S	104	77722	MMPCP96	55
77479	MSPP72-S/S	40	77588	QMTPSBK-S/S	48	77656	MHS-72RV-S/S	104	77723	PST2-W	55
77480	MSPP84-S/S	40	77590	MMPCP24-S/S	48	77657	MHS-84RV-S/S	104	77723	PST2-W	58
77517	RBDTXHD-6.5C	164	77591	MMPCP30-S/S	48	77664	PTS-18R	206	77723	PST2-W	60
77524	MSPPL-S/S	40	77592	MMPCP36-S/S	48	77665	PTS-24R	206	77724	PST2-S	55
77529	ISABK-LMH	189	77593	MMPCP42-S/S	48	77666	PTS-30R	206	77724	PST2-S	58
77529	ISABK-LMH	191	77594	MMPCP48-S/S	48	77667	PTS-36R	206	77724	PST2-S	60
77529	ISABK-LMH	193	77595	MMPCP54-S/S	48	77668	PTS-42R	206	77725	PST2-R	55
77530	IBS-D5	195	77596	MMPCP60-S/S	48	77669	PTS-48R	206	77725	PST2-R	58
77531	MRB18	52	77597	MMPCP72-S/S	48	77670	PTS-54R	206	77725	PST2-R	60
77532	MRB24	52	77598	MMPCP84-S/S	48	77671	PTS-60R	206	77726	PSTS-R	55
77533	MRB30	52	77599	MHP-EP-S/S	48	77672	PTS-72R	206	77726	PSTS-R	60
77534	MRB36	52	77600	MMPBPK-S/S	48	77673	PTS-30R-UG	206	77727	MHPMPK	55
77535	MRB42	52	77601	MHS-24-S/S	104	77674	PTS-36R-UG	206	77727	MHPMPK	60
77536	MRB48	52	77602	MHS-30-S/S	104	77675	PTS-42R-UG	206	77728	MHPBPK	55
77537	MRB54	52	77603	MHS-36-S/S	104	77676	PTS-48R-UG	206	77729	FLCK	220
77538	MRB60	52	77604	MHS-42-S/S	104	77677	PTS-54R-UG	206	77741	SPG-CVR-H	141
77539	MRB66	52	77605	MHS-48-S/S	104	77678	PTS-60R-UG	206	77742	CTS-W	120
77540	MRB72	52	77606	MHS-54-S/S	104	77679	PTS-72R-UG	206	77743	CTS-S	83
77541	MRB78	52	77607	MHS-60-S/S	104	77680	PTS-RR21	206	77743	CTS-S	98
77542	MRB84	52	77608	MHS-72-S/S	104	77681	PTS-RR27	206	77743	CTS-S	120
77543	MRB90	52	77609	MHS-84-S/S	104	77682	PTS-RR33	206	77744	CTS-B	120
77548	SHIM-KITL	172	77610	MHS-24V-S/S	104	77683	PTS-RR39	206	77745	CTS-G	120
77548	SHIM-KITL	175	77611	MHS-30V-S/S	104	77683	PTS-RR39	206	77746	EZP-LS212HT	26
77548	SHIM-KITL	178	77612	MHS-36V-S/S	104	77684	PTS-RR45	206	77747	EZP-LS218HT	26
77549	SHIM-KITM	181	77613	MHS-42V-S/S	104	77684	PTS-RR45	206	77748	EZP-LS224HT	26
77549	SHIM-KITM	191	77614	MHS-48V-S/S	104	77685	PTS-RR51	206	77749	EZP-LS230HT	26
77550	SHIM-KITH	193	77615	MHS-54V-S/S	104	77685	PTS-RR51	206	77750	EZP-LS236HT	26

INDEX By Item Code

Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #
77751	EZP-LS242HT	26	77880	SST2HD-S	129	77902	CART-36/900	120	77947	MHS-CARK2-C84/2100	118
77752	EZP-LS248HT	26	77881	SST2HD-B	106	77903	CART-42/1050	112	77948	MHS-CARK2-C96/2400	118
77753	EZP-LS254HT	26	77881	SST2HD-B	129	77903	CART-42/1050	116	77949	MHS-CARK2-C120/3000	118
77754	EZP-LS260HT	26	77882	SACRKN	112	77903	CART-42/1050	120	77950	MHS-CARK2-V60/1500	118
77755	PTS-RHSAA	208	77882	SACRKN	116	77904	CART-48/1200	112	77951	MHS-CARK2-V72/1800	118
77756	PTS-LHSAA	208	77882	SACRKN	120	77904	CART-48/1200	116	77952	MHS-CARK2-V84/2100	118
77757	UST-S	124	77883	SACRH	112	77904	CART-48/1200	120	77953	MHS-CARK2-V96/2400	118
77768	SACHP2	112	77883	SACRH	116	77905	CART-54/1350	112	77954	MHS-CARK2-V120/3000	118
77768	SACHP2	116	77883	SACRH	120	77905	CART-54/1350	116	77955	PC24-ESAC	109
77768	SACHP2	120	77884	SACRHL	112	77905	CART-54/1350	120	77956	PC30-ESAC	109
77840	MHS-24-ESAC	117	77884	SACRHL	116	77906	CART-60/1500	112	77957	PC36-ESAC	109
77841	MHS-30-ESAC	117	77884	SACRHL	120	77906	CART-60/1500	116	77958	PC42-ESAC	109
77842	MHS-36-ESAC	117	77885	SACKRP	112	77906	CART-60/1500	120	77959	PC48-ESAC	109
77843	MHS-42-ESAC	117	77885	SACKRP	116	77907	CART-72/1800	112	77960	PC54-ESAC	109
77844	MHS-48-ESAC	117	77885	SACKRP	120	77907	CART-72/1800	116	77961	PC60-ESAC	109
77845	MHS-54-ESAC	117	77886	SACRKT	112	77907	CART-72/1800	120	77962	PC72-ESAC	109
77846	MHS-60-ESAC	117	77886	SACRKT	116	77908	CART2-60/1500	112	77963	PC60-2ESAC	109
77847	MHS-72-ESAC	117	77886	SACRKT	120	77908	CART2-60/1500	116	77964	PC72-2ESAC	109
77848	MHS-60-2ESAC	117	77887	SACPL-24/600	112	77908	CART2-60/1500	120	77965	PC84-2ESAC	109
77849	MHS-72-2ESAC	117	77887	SACPL-24/600	116	77909	CART2-72/1800	112	77966	PC96-2ESAC	109
77850	MHS-84-2ESAC	117	77887	SACPL-24/600	120	77909	CART2-72/1800	116	77967	PC120-2ESAC	109
77851	MHS-96-2ESAC	117	77888	SACPL-30/750	112	77909	CART2-72/1800	120	77968	RC24-ESAC	113
77852	MHS-120-2ESAC	117	77888	SACPL-30/750	116	77910	CART2-84/2100	112	77969	RC30-ESAC	113
77853	MHS-24V-ESAC	117	77888	SACPL-30/750	120	77910	CART2-84/2100	116	77970	RC36-ESAC	113
77854	MHS-30V-ESAC	117	77889	SACPL-36/900	112	77910	CART2-84/2100	120	77971	RC42-ESAC	113
77855	MHS-36V-ESAC	117	77889	SACPL-36/900	116	77911	CART2-96/2400	112	77972	RC48-ESAC	113
77856	MHS-42V-ESAC	117	77889	SACPL-36/900	120	77911	CART2-96/2400	116	77973	RC54-ESAC	113
77857	MHS-48V-ESAC	117	77890	SACPL-42/1050	112	77911	CART2-96/2400	120	77974	RC60-ESAC	113
77858	MHS-54V-ESAC	117	77890	SACPL-42/1050	116	77912	CART2-120/3000	112	77975	RC72-ESAC	113
77859	MHS-60V-ESAC	117	77890	SACPL-42/1050	120	77912	CART2-120/3000	116	77976	RC60-2ESAC	113
77860	MHS-72V-ESAC	117	77891	SACPL-48/1200	112	77912	CART2-120/3000	120	77977	RC72-2ESAC	113
77861	MHS-60V-2ESAC	117	77891	SACPL-48/1200	116	77913	PCAP-24/600	112	77978	RC84-2ESAC	113
77862	MHS-72V-2ESAC	117	77891	SACPL-48/1200	120	77914	PCAP-30/750	112	77979	RC96-2ESAC	113
77863	MHS-84V-2ESAC	117	77892	SACPL-54/1350	112	77915	PCAP-36/900	112	77980	RC120-2ESAC	113
77864	MHS-96V-2ESAC	117	77892	SACPL-54/1350	116	77916	PCAP-42/1050	112	77981	PV24-ESAC	109
77865	MHS-120V-2ESAC	117	77892	SACPL-54/1350	120	77917	PCAP-48/1200	112	77982	PV30-ESAC	109
77866	SAC2-TIP-TL	112	77893	SACPL-60/1500	112	77918	PCAP-54/1350	112	77983	PV36-ESAC	109
77866	SAC2-TIP-TL	116	77893	SACPL-60/1500	116	77919	PCAP-60/1500	112	77984	PV42-ESAC	109
77866	SAC2-TIP-TL	120	77893	SACPL-60/1500	120	77920	PCAP-72/1800	112	77985	PV48-ESAC	109
77867	STGK2	106	77894	SACPL-72/1800	112	77921	RCAP-24/600	116	77986	PV54-ESAC	109
77867	STGK2	107	77894	SACPL-72/1800	116	77922	RCAP-30/750	116	77987	PV60-ESAC	109
77867	STGK2	120	77894	SACPL-72/1800	120	77923	RCAP-36/900	116	77988	PV72-ESAC	109
77867	STGK2	129	77895	SACPL2-60/1500	112	77924	RCAP-42/1050	116	77989	PV60-2ESAC	109
77867	STGK2	129	77895	SACPL2-60/1500	116	77925	RCAP-48/1200	116	77990	PV72-2ESAC	109
77867	STGK2	136	77895	SACPL2-60/1500	120	77926	RCAP-54/1350	116	77991	PV84-2ESAC	109
77867	STGK2	136	77896	SACPL2-72/1800	112	77927	RCAP-60/1500	116	77992	PV96-2ESAC	109
77868	SSTHDPM	106	77896	SACPL2-72/1800	116	77928	RCAP-72/1800	116	77993	PV120-2ESAC	109
77868	SSTHDPM	120	77896	SACPL2-72/1800	120	77929	MHS-CARK-C24/600	118	77994	RV24-ESAC	113
77868	SSTHDPM	129	77897	SACPL2-84/2100	112	77930	MHS-CARK-C30/750	118	77995	RV30-ESAC	113
77868	SSTHDPM	136	77897	SACPL2-84/2100	116	77931	MHS-CARK-C36/900	118	77996	RV36-ESAC	113
77869	CSTHDPM	120	77897	SACPL2-84/2100	120	77932	MHS-CARK-C42/1050	118	77997	RV42-ESAC	113
77870	SSTHDMK	106	77898	SACPL2-96/2400	112	77933	MHS-CARK-C48/1200	118	77998	RV48-ESAC	113
77870	SSTHDMK	120	77898	SACPL2-96/2400	116	77934	MHS-CARK-C54/1350	118	77999	RV54-ESAC	113
77870	SSTHDMK	129	77898	SACPL2-96/2400	120	77935	MHS-CARK-C60/1500	118	78000	RV60-ESAC	113
77871	CSTHDMK	120	77899	SACPL2-120/3000	112	77936	MHS-CARK-C72/1800	118	78001	RV72-ESAC	113
77872	CST1HD-W	120	77899	SACPL2-120/3000	116	77937	MHS-CARK-V24/600	118	78002	RV60-2ESAC	113
77873	CST1HD-S	120	77899	SACPL2-120/3000	120	77938	MHS-CARK-V30/750	118	78003	RV72-2ESAC	113
77874	CST1HD-B	120	77900	CART-24/600	112	77939	MHS-CARK-V36/900	118	78004	RV84-2ESAC	113
77875	CST1HD-G	120	77900	CART-24/600	116	77940	MHS-CARK-V42/1050	118	78005	RV96-2ESAC	113
77876	SST1HD-W	120	77900	CART-24/600	120	77941	MHS-CARK-V48/1200	118	78006	RV120-2ESAC	113
77877	SST1HD-S	120	77901	CART-30/750	112	77942	MHS-CARK-V54/1350	118	78072	P-CARK-C24/600	110
77878	SST1HD-B	120	77901	CART-30/750	116	77943	MHS-CARK-V60/1500	118	78073	P-CARK-C30/750	110
77879	SST2HD-W	106	77901	CART-30/750	120	77944	MHS-CARK-V72/1800	118	78074	P-CARK-C36/900	110
77879	SST2HD-W	129	77902	CART-36/900	112	77945	MHS-CARK2-C60/1500	118	78075	P-CARK-C42/1050	110
77880	SST2HD-S	106	77902	CART-36/900	116	77946	MHS-CARK2-C72/1800	118	78076	P-CARK-C48/1200	110

INDEX By Item Code

Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #
78077	P-CARK-C54/1350	110	78420	PP-36	91	78507	EZPTMPK	20	78685	PAT2	57
78078	P-CARK-C60/1500	110	78421	PV-42	88	78508	EZPTCK	20	78685	PAT2	103
78079	P-CARK-C72/1800	110	78422	PP-42	91	78509	EZPTCKHD	20	78685	PAT2	127
78080	P-CARK-V24/600	110	78423	PV-48	88	78510	EZPTSR	20	78686	MMPCP96-S/S	48
78081	P-CARK-V30/750	110	78424	PP-48	91	78511	EZPTSK	20	78700	ICT6-S/S	108
78082	P-CARK-V36/900	110	78425	PP-54	91	78512	EZPTSKHD	20	78703	SAT2NCB	107
78083	P-CARK-V42/1050	110	78426	RP-18	94	78591	MHP-1836	49	78703	SAT2NCB	129
78084	P-CARK-V48/1200	110	78427	RP-24	94	78592	MHP-1842	49	78704	SAT2MK	107
78085	P-CARK-V54/1350	110	78428	RP-30	94	78593	MHP-1848	49	78704	SAT2MK	129
78086	P-CARK-V60/1500	110	78429	RP-36	94	78594	MHP-1854	49	78705	PAK	47
78087	P-CARK-V72/1800	110	78430	RP-42	94	78595	MHP-1860	49	78705	PAK	55
78088	P-CARK2-C60/1500	110	78431	RP-48	94	78596	MHP-1872	49	78705	PAK	58
78089	P-CARK2-C72/1800	110	78432	RP-54	94	78597	MHP-1884	49	78705	PAK	60
78090	P-CARK2-C84/2100	110	78433	RP-60	94	78598	MHP-1896	49	78706	MMP-624P	43
78091	P-CARK2-C96/2400	110	78451	PP-60	91	78599	MHP-624P	50	78707	MMP-630P	43
78092	P-CARK2-C120/3000	110	78453	PV-18	88	78600	MHP-630P	50	78708	MMP-636P	43
78093	P-CARK2-V60/1500	110	78454	PV-54	88	78601	MHP-636P	50	78709	MMP-642P	43
78094	P-CARK2-V72/1800	110	78455	PV-60	88	78602	MHP-642P	50	78710	MMP-648P	43
78095	P-CARK2-V84/2100	110	78462	LSTMPK2-S/S	33	78603	MHP-648P	50	78711	MMP-654P	43
78096	P-CARK2-V96/2400	110	78471	CRB-W10	16	78604	MHP-654P	50	78712	MMP-660P	43
78097	P-CARK2-V120/3000	110	78471	CRB-W10	22	78605	MHP-660P	50	78713	MMP-672P	43
78098	R-CARK-C24/600	114	78471	CRB-W10	37	78606	MHP-672P	50	78714	MMP-684P	43
78099	R-CARK-C30/750	114	78472	CRB-W16	16	78607	MHP-684P	50	78715	MMP-1230P	43
78100	R-CARK-C36/900	114	78472	CRB-W16	22	78608	MHP-696P	50	78716	MMP-1236P	43
78101	R-CARK-C42/1050	114	78472	CRB-W16	37	78609	MHP-1230P	50	78717	MMP-1242P	43
78102	R-CARK-C48/1200	114	78473	CRB-W22	16	78610	MHP-1236P	50	78718	MMP-1248P	43
78103	R-CARK-C54/1350	114	78473	CRB-W22	22	78611	MHP-1242P	50	78719	MMP-1254P	43
78104	R-CARK-C60/1500	114	78473	CRB-W22	37	78612	MHP-1248P	50	78720	MMP-1260P	43
78105	R-CARK-C72/1800	114	78474	CRB-W28	16	78613	MHP-1254P	50	78721	MMP-1272P	43
78106	R-CARK-V24/600	114	78474	CRB-W28	22	78614	MHP-1260P	50	78722	MMP-1284P	43
78107	R-CARK-V30/750	114	78474	CRB-W28	37	78615	MHP-1272P	50	78723	MHCP-24P	56
78108	R-CARK-V36/900	114	78475	CRB-W34	16	78616	MHP-1284P	50	78724	MHCP-30P	56
78109	R-CARK-V42/1050	114	78475	CRB-W34	22	78617	MHP-1296P	50	78725	MHCP-36P	56
78110	R-CARK-V48/1200	114	78475	CRB-W34	37	78618	MHP-1836P	50	78726	MHCP-42P	56
78111	R-CARK-V54/1350	114	78476	CRB-W40	16	78619	MHP-1842P	50	78727	MHCP-48P	56
78112	R-CARK-V60/1500	114	78476	CRB-W40	22	78620	MHP-1848P	50	78728	MHCP-54P	56
78113	R-CARK-V72/1800	114	78476	CRB-W40	37	78621	MHP-1854P	50	78729	MHCP-60P	56
78114	R-CARK2-C60/1500	114	78477	CRB-W46	16	78622	MHP-1860P	50	78730	MHCP-72P	56
78115	R-CARK2-C72/1800	114	78477	CRB-W46	22	78623	MHP-1872P	50	78731	MHCP-84P	56
78116	R-CARK2-C84/2100	114	78477	CRB-W46	37	78624	MHP-1884P	50	78732	SAT2PM	107
78117	R-CARK2-C96/2400	114	78478	CRB-W52	16	78625	MHP-1896P	50	78732	SAT2PM	129
78118	R-CARK2-C120/3000	114	78478	CRB-W52	22	78669	MHP-2442	49	78732	SAT2PM	136
78119	R-CARK2-V60/1500	114	78478	CRB-W52	37	78670	MHP-2448	49	78733	SAT2AK	106
78120	R-CARK2-V72/1800	114	78479	CRB-W58	16	78671	MHP-2454	49	78733	SAT2AK	107
78121	R-CARK2-V84/2100	114	78479	CRB-W58	22	78672	MHP-2460	49	78733	SAT2AK	129
78122	R-CARK2-V96/2400	114	78479	CRB-W58	37	78673	MHP-2472	49	78733	SAT2AK	136
78123	R-CARK2-V120/3000	114	78488	EZP1T-212	12	78674	MHP-2484	49	78735	SAT2PAT	107
78142	STS-G	106	78489	EZP1T-218	12	78675	MHP-2496	49	78735	SAT2PAT	129
78142	STS-G	129	78490	EZP1T-224	12	78676	MHP-2442P	50	78736	MHS-24P	102
78142	STS-G	136	78491	EZP1T-230	12	78677	MHP-2448P	50	78737	MHS-30P	102
78387	CTS-B-S/S	33	78492	EZP1T-236	12	78678	MHP-2454P	50	78738	MHS-36P	102
78402	RV-18	92	78493	EZP1T-242	12	78679	MHP-2460P	50	78739	MHS-42P	102
78403	RV-24	92	78494	EZP1T-248	12	78680	MHP-2472P	50	78740	MHS-48P	102
78404	RV-30	92	78495	EZP1T-254	12	78681	MHP-2484P	50	78741	MHS-54P	102
78405	RV-36	92	78496	EZP1T-260	12	78682	MHP-2496P	50	78742	MHS-60P	102
78406	RV-42	92	78497	EZP1T-272	12	78683	PACB60	47	78743	MHS-72P	102
78407	RV-48	92	78498	EZP1T-818	12	78683	PACB60	55	78744	MHS-84P	102
78408	RV-54	92	78499	EZP1T-824	12	78683	PACB60	60	78745	MDWS-24P	126
78409	RV-60	92	78500	EZP1T-830	12	78684	PAT1	44	78746	MDWS-30P	126
78414	PP-18	91	78501	EZP1T-836	12	78684	PAT1	51	78747	MDWS-36P	126
78415	PV-24	88	78502	EZP1T-842	12	78684	PAT1	57	78748	MDWS-42P	126
78416	PP-24	91	78503	EZP1T-848	12	78684	PAT1	103	78749	MDWS-48P	126
78417	PV-30	88	78504	EZP1T-854	12	78684	PAT1	127	78750	MDWS-54P	126
78418	PP-30	91	78505	EZP1T-860	12	78685	PAT2	44	78751	MDWS-60P	126
78419	PV-36	88	78506	EZP1T-872	12	78685	PAT2	51	78752	MDWS-72P	126

INDEX By Item Code

Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #
78753	MDWS-84P	126	78839	CFG-218	21	78909	EZIB60-4M	179	78970	EZWPK-24	175
78754	TRB-HT18	45	78840	CFG-224	21	78910	EZIB72-4M	179	78970	EZWPK-24	178
78755	TRB-HT24	45	78841	CFG-230	21	78911	EZIB24-5M	179	78970	EZWPK-24	181
78756	TRB-HT30	45	78842	CFG-236	21	78912	EZIB30-5M	179	78971	EZWPK-30	172
78757	TRB-HT36	45	78843	CFG-242	21	78913	EZIB36-5M	179	78971	EZWPK-30	175
78758	TRB-HT42	45	78844	CFG-248	21	78914	EZIB42-5M	179	78971	EZWPK-30	178
78759	TRB-HT48	45	78845	CFG-254	21	78915	EZIB48-5M	179	78971	EZWPK-30	181
78760	TRB-HT54	45	78846	CFG-260	21	78916	EZIB54-5M	179	78972	EZWPK-36	172
78761	TRB-HT60	45	78848	EZP1PL-S/S	24	78917	EZIB60-5M	179	78972	EZWPK-36	175
78762	TRB-HT66	45	78849	ESTAK-EST-S/S	24	78918	EZIB72-5M	179	78972	EZWPK-36	178
78763	TRB-HT72	45	78850	LS-SW-S/S	33	78919	CCMK	79	78972	EZWPK-36	181
78764	TRB-HT78	45	78855	EZSB24-4C	170	78919	CCMK	91	78973	EZWPK-42	172
78767	PTS-WMK	208	78856	EZSB30-4C	170	78919	CCMK	94	78973	EZWPK-42	175
78786	HAR-K	19	78857	EZSB36-4C	170	78919	CCMK	149	78973	EZWPK-42	178
78786	HAR-K	148	78858	EZSB42-4C	170	78920	CCMKHD	79	78973	EZWPK-42	181
78789	SB4	172	78859	EZSB48-4C	170	78920	CCMKHD	112	78974	EZWPK-48	172
78789	SB4	175	78860	EZSB54-4C	170	78920	CCMKHD	116	78974	EZWPK-48	175
78789	SB4	178	78861	EZSB60-4C	170	78920	CCMKHD	149	78974	EZWPK-48	178
78789	SB4	181	78862	EZSB72-4C	170	78923	EZP1MPK-S/S	24	78974	EZWPK-48	181
78789	SB4	189	78863	EZSB24-5C	170	78924	CFG-818	21	78975	EZWPK-54	172
78789	SB4	191	78864	EZSB30-5C	170	78925	CFG-824	21	78975	EZWPK-54	175
78789	SB4	193	78865	EZSB36-5C	170	78926	CFG-830	21	78975	EZWPK-54	178
78790	SB5	172	78866	EZSB42-5C	170	78927	CFG-836	21	78975	EZWPK-54	181
78790	SB5	175	78867	EZSB48-5C	170	78928	CFG-842	21	78976	EZWPK-60	172
78790	SB5	178	78868	EZSB54-5C	170	78929	CFG-848	21	78976	EZWPK-60	175
78790	SB5	181	78869	EZSB60-5C	170	78930	CFG-854	21	78976	EZWPK-60	178
78790	SB5	189	78870	EZSB72-5C	170	78931	CFG-860	21	78976	EZWPK-60	181
78790	SB5	191	78871	EZSB24-4I	173	78933	LSTMPK-S/S	33	78977	EZWPK-72	172
78790	SB5	193	78872	EZSB30-4I	173	78934	EZP1-212W	15	78977	EZWPK-72	175
78790	SB5	195	78873	EZSB36-4I	173	78935	EZP1-218W	15	78977	EZWPK-72	178
78791	PATLK	44	78874	EZSB42-4I	173	78936	EZP1-224W	15	78977	EZWPK-72	181
78791	PATLK	51	78875	EZSB48-4I	173	78937	EZP1-230W	15	78978	EZCSK-24	172
78791	PATLK	57	78876	EZSB54-4I	173	78938	EZP1-236W	15	78978	EZCSK-24	175
78791	PATLK	103	78877	EZSB60-4I	173	78939	EZP1-242W	15	78978	EZCSK-24	178
78791	PATLK	127	78878	EZSB72-4I	173	78940	EZP1-248W	15	78978	EZCSK-24	181
78794	PATHK	44	78879	EZSB24-5I	173	78941	EZP1-254W	15	78979	EZCSK-30	172
78794	PATHK	44	78880	EZSB30-5I	173	78942	EZP1-260W	15	78979	EZCSK-30	175
78794	PATHK	51	78881	EZSB36-5I	173	78943	EZP1-272W	15	78979	EZCSK-30	178
78794	PATHK	51	78882	EZSB42-5I	173	78944	EZBMK-24	178	78979	EZCSK-30	181
78794	PATHK	57	78883	EZSB48-5I	173	78944	EZBMK-24	181	78980	EZCSK-36	172
78794	PATHK	57	78884	EZSB54-5I	173	78945	EZBMK-30	178	78980	EZCSK-36	175
78794	PATHK	103	78885	EZSB60-5I	173	78945	EZBMK-30	181	78980	EZCSK-36	178
78794	PATHK	103	78886	EZSB72-5I	173	78946	EZBMK-36	178	78980	EZCSK-36	181
78794	PATHK	127	78887	EZIB24-4L	176	78946	EZBMK-36	181	78981	EZCSK-42	172
78794	PATHK	127	78888	EZIB30-4L	176	78947	EZBMK-42	178	78981	EZCSK-42	175
78799	PANK	44	78889	EZIB36-4L	176	78947	EZBMK-42	181	78981	EZCSK-42	178
78799	PANK	51	78890	EZIB42-4L	176	78948	EZBMK-48	178	78981	EZCSK-42	181
78799	PANK	57	78891	EZIB48-4L	176	78948	EZBMK-48	181	78982	EZCSK-48	172
78799	PANK	103	78892	EZIB54-4L	176	78949	EZBMK-54	178	78982	EZCSK-48	175
78799	PANK	127	78893	EZIB60-4L	176	78949	EZBMK-54	181	78982	EZCSK-48	178
78801	H-MK2	148	78894	EZIB72-4L	176	78950	EZBMK-60	178	78982	EZCSK-48	181
78808	EST-P-S/S	24	78895	EZIB24-5L	176	78950	EZBMK-60	181	78983	EZCSK-54	172
78809	EST-W-S/S	24	78896	EZIB30-5L	176	78951	EZBMK-72	178	78983	EZCSK-54	175
78810	EST-G-S/S	24	78897	EZIB36-5L	176	78951	EZBMK-72	181	78983	EZCSK-54	178
78812	EZP1P12-S/S	24	78898	EZIB42-5L	176	78952	EZRMK	172	78983	EZCSK-54	181
78813	EZP1P18-S/S	24	78899	EZIB48-5L	176	78953	EZBS-L4	175	78984	EZCSK-60	172
78814	EZP1P24-S/S	24	78900	EZIB54-5L	176	78953	EZBS-L4	178	78984	EZCSK-60	175
78815	EZP1P30-S/S	24	78901	EZIB60-5L	176	78954	EZBS-L5	175	78984	EZCSK-60	178
78816	EZP1P36-S/S	24	78902	EZIB72-5L	176	78954	EZBS-L5	178	78984	EZCSK-60	181
78817	EZP1P42-S/S	24	78903	EZIB24-4M	179	78955	MHCP-96S	56	78985	EZCSK-72	172
78818	EZP1P48-S/S	24	78904	EZIB30-4M	179	78956	MHCP-BPA96	58	78985	EZCSK-72	175
78819	EZP1P54-S/S	24	78905	EZIB36-4M	179	78957	MHCP-BCK96	58	78985	EZCSK-72	178
78820	EZP1P60-S/S	24	78906	EZIB42-4M	179	78958	MHP-CP96	60	78985	EZCSK-72	181
78821	EZP1P72-S/S	24	78907	EZIB48-4M	179	78959	MHCP-96P	56	78986	MHCP-2BC96	60
78838	CFG-212	21	78908	EZIB54-4M	179	78970	EZWPK-24	172	78987	H-MK1	148

INDEX By Item Code

Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #
78990	HP-18	148	79063	MDWS-96	126	79233	CCKHDTs	149	79365	H2P60	67
78991	HP-24	148	79064	MDWS-96P	126	79236	HDRGEK	146	79366	H2P72	67
78992	HP-30	148	79068	HTTS-HT	75	79299	USTSC	124	79367	HV2T-S/S	65
78993	HP-36	148	79070	SSTHK	106	79299	USTSC	124	79367	HV2T-S/S	67
78994	HP-42	148	79070	SSTHK	120	79300	USTSCHD	124	79368	HV2PT	65
78995	HP-48	148	79070	SSTHK	129	79300	USTSCHD	124	79368	HV2PT	67
78996	HP-54	148	79071	SSTHK-S/S	108	79303	INDR-1212	142	79369	H2SA6SS	65
78997	HP-60	148	79072	HDRBK-HD	146	79304	INDR-1218	142	79369	H2SA6SS	67
78998	HP-72	148	79073	PFS-ESAC	117	79305	INDR-1824	142	79370	H2SA6S	65
79000	EZAI-24	170	79073	PFS-ESAC	120	79306	INDR-2424	142	79370	H2SA6S	67
79001	EZAI-30	170	79080	LAGGING-TB	225	79307	INDR-1212S	142	79371	H2SA6M	65
79002	EZAI-36	170	79091	EZAI-24I	173	79308	INDR-1218S	142	79371	H2SA6M	67
79003	EZAI-42	170	79091	EZAI-24I	182	79309	INDR-1824S	142	79372	H2SA6L	65
79004	EZAI-48	170	79091	EZAI-24I	185	79310	INDR-2424S	142	79372	H2SA6L	67
79005	EZAI-54	170	79092	EZAI-30I	173	79311	IDSC-1212	142	79373	H2SA6LL	65
79006	EZAI-60	170	79092	EZAI-30I	182	79312	IDSC-1218	142	79373	H2SA6LL	67
79007	EZAI-72	170	79092	EZAI-30I	185	79313	IDSC-1824	142	79374	H2RC	67
79009	HDRBK	146	79093	EZAI-36I	173	79314	IDSC-2424	142	79375	HV2SSTS	67
79010	HDR24	146	79093	EZAI-36I	182	79315	IDSEAL	142	79378	MSR2	213
79011	HDR30	146	79093	EZAI-36I	185	79316	IDHINGE	142	79378	MSR2	214
79012	HDR36	146	79094	EZAI-42I	173	79317	IDLATCH	142	79379	MIB2-1U	184
79013	HDR42	146	79094	EZAI-42I	182	79318	EZIRMK	175	79379	MIB2-1U	187
79014	HDR48	146	79094	EZAI-42I	185	79320	UPFCC	101	79380	PMSMK2	213
79015	HDR54	146	79095	EZAI-48I	173	79320	UPFCC	106	79380	PMSMK2	214
79016	HDR60	146	79095	EZAI-48I	182	79323	HV2-18SS	65	79381	MAK2	214
79017	HDRS72	146	79095	EZAI-48I	185	79324	HV2-18S	65	79382	MAKHD2	214
79018	HDRS84	146	79096	EZAI-54I	173	79325	HV2-18M	65	79383	CLN460/18.4-12S	224
79019	HDRR24	146	79096	EZAI-54I	182	79326	HV2-24SS	65	79384	CLN600/24-12S	224
79020	HDRR30	146	79096	EZAI-54I	185	79327	HV2-24S	65	79385	CLN760/30.4-12S	224
79021	HDRR36	146	79097	EZAI-60I	173	79328	HV2-24M	65	79387	CLN900/36-12S	224
79022	HDRR42	146	79097	EZAI-60I	182	79329	HV2-30SS	65	79388	CLN1060/42.4-12S	224
79023	HDRR48	146	79097	EZAI-60I	185	79330	HV2-30S	65	79389	CLN1200/48-12S	224
79024	HDRR54	146	79098	EZAI-72I	173	79331	HV2-30M	65	79390	CLN1360/54.4-12S	224
79025	HDRR60	146	79098	EZAI-72I	182	79332	HV2-36SS	65	79392	CLN1520/60.8-12S	224
79026	HDRRS72	146	79098	EZAI-72I	185	79333	HV2-36S	65	79395	CLN1800/72-12S	224
79027	HDRRS84	146	79099	LAGGING-TB2	225	79334	HV2-36M	65	79398	CLN2100/84-12S	224
79033	MMP-696	41	79202	USTSCK	124	79335	HV2-36L	65	79406	CLFR460/18.4-12S	224
79034	MMP-1296	41	79204	USTSCKHD	124	79336	HV2-42SS	65	79407	CLFR600/24-12S	224
79035	MMP-696-S/S	42	79206	USPB2	124	79337	HV2-42S	65	79408	CLFR760/30.4-12S	224
79036	MMP-1296-S/S	42	79206	USPB2	125	79338	HV2-42M	65	79410	CLFR900/36-12S	224
79037	MMP-696P	43	79207	UHPB2	124	79339	HV2-42L	65	79411	CLFR1060/42.4-12S	224
79038	MMP-1296P	43	79207	UHPB2	125	79340	HV2-42LL	65	79412	CLFR1200/48-12S	224
79039	QMT-S	47	79224	CCKL	79	79341	HV2-48SS	65	79413	CLFR1360/54.4-12S	224
79039	QMT-S	67	79224	CCKL	91	79342	HV2-48S	65	79415	CLFR1520/60.8-12S	224
79039	QMT-S	74	79224	CCKL	94	79343	HV2-48M	65	79418	CLFR1800/72-12S	224
79040	MMP-1896	41	79224	CCKL	149	79344	HV2-48L	65	79421	CLFR2100/84-12S	224
79041	SST2HD-G	106	79225	CCKHDL	79	79345	HV2-48LL	65	79431	MSTHD-W	98
79041	SST2HD-G	129	79225	CCKHDL	112	79346	HV2-54S	65	79431	MSTHD-W	107
79042	SST2HD-G-S/S	108	79225	CCKHDL	116	79347	HV2-54M	65	79432	MSTHD-S	98
79043	MHS-96	99	79225	CCKHDL	149	79348	HV2-54L	65	79432	MSTHD-S	107
79044	MHS-96V	99	79228	CCKR	79	79349	HV2-54LL	65	79433	MSTHD-B	98
79045	MHS-96R	102	79228	CCKR	91	79350	HV2-60S	65	79433	MSTHD-B	107
79046	MHS-96RV	102	79228	CCKR	94	79351	HV2-60M	65	79434	MSTDB	96
79047	MHS-96P	102	79228	CCKR	149	79352	HV2-60L	65	79434	MSTDB	98
79048	MHS-96-S/S	104	79229	CCKHDR	79	79353	HV2-60LL	65	79434	MSTDB	100
79049	MHS-96V-S/S	104	79229	CCKHDR	112	79354	HV2-72S	65	79434	MSTDB	107
79050	MHS-96R-S/S	104	79229	CCKHDR	116	79355	HV2-72M	65	79434	MSTDB	140
79051	MHS-96RV-S/S	104	79229	CCKHDR	149	79356	HV2-72L	65	79435	MSTAM	98
79052	MHSP-96	106	79232	CCKTS	79	79358	H2P18	67	79435	MSTAM	107
79053	MHSP96-S/S	108	79232	CCKTS	91	79359	H2P24	67	79436	MST-MBL	98
79056	QMTS-S-S/S	48	79232	CCKTS	94	79360	H2P30	67	79436	MST-MBL	107
79057	STS-G-S/S	108	79232	CCKTS	149	79361	H2P36	67	79437	MST-MBR	98
79059	QMT-S-S/S	48	79233	CCKHDTs	79	79362	H2P42	67	79437	MST-MBR	107
79060	DWP-96	129	79233	CCKHDTs	112	79363	H2P48	67	79439	MSTCHD	98
79062	CDWB96	126	79233	CCKHDTs	116	79364	H2P54	67	79439	MSTCHD	107

INDEX By Item Code

Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #
79440	MSTBK	98	79526	MBCB	132	79627	MHS-36RMV	100	79759	YT-TC-18S	80
79440	MSTBK	107	79527	MBADB	132	79628	MHS-42RMV	100	79760	YT-TC-24S	80
79441	MSTGT	98	79528	MBCBM	132	79629	MHS-48RMV	100	79761	YT-TC-30S	80
79441	MSTGT	107	79529	MBCM-1	132	79630	MHS-54RMV	100	79762	YT-TC-36S	80
79442	MHS-18V-MST	100	79530	MBCM-2	132	79631	MHS-60RMV	100	79763	YT-TC-42S	80
79443	MHS-24V-MST	100	79531	MBCTA	132	79632	MHS-72RMV	100	79764	YT-TC-48S	80
79444	MHS-30V-MST	100	79532	MBCBL	132	79637	FMS-18	96	79765	YT-18S	80
79445	MHS-36V-MST	100	79533	MBCMKK	132	79638	FMS-24	96	79766	YT-24S	80
79446	MHS-42V-MST	100	79534	MBCEC	132	79639	FMS-30	96	79767	YT-30S	80
79447	MHS-48V-MST	100	79535	STLP	132	79640	FMS-36	96	79768	YT-36S	80
79448	MHS-54V-MST	100	79536	MBCDBK	130	79641	FMS-42	96	79769	YT-42S	80
79449	MHS-60V-MST	100	79536	MBCDBK	132	79642	FMS-48	96	79770	YT-48S	80
79450	MHS-72V-MST	100	79536	MBCDBK	140	79643	FMS-54	96	79771	YTW-18S	80
79451	MSTPMHD	98	79571	MFASKHD	214	79644	FMS-60	96	79772	YTW-24S	80
79451	MSTPMHD	107	79572	YT-W	81	79645	FMS-72	96	79773	YTW-30S	80
79453	UHVC	67	79572	YT-W	83	79646	FMS-18V	96	79774	YTW-36S	80
79481	RB38BP	159	79573	YT-P	81	79647	FMS-24V	96	79775	YTW-42S	80
79481	RB38BP	160	79573	YT-P	83	79648	FMS-30V	96	79776	YTW-48S	80
79493	SSTLBK	106	79574	YT-C	81	79649	FMS-36V	96	79777	YTHD-TC-36S	84
79493	SSTLBK	108	79574	YT-C	83	79650	FMS-42V	96	79778	YTHD-TC-42S	84
79493	SSTLBK	120	79582	SSTHB	106	79651	FMS-48V	96	79779	YTHD-TC-48S	84
79493	SSTLBK	129	79582	SSTHB	120	79652	FMS-54V	96	79780	YTHD-TC-54S	84
79493	SSTLBK	136	79582	SSTHB	129	79653	FMS-60V	96	79781	YTHD-TC-60S	84
79494	MBC-18	130	79582	SSTHB	136	79654	FMS-72V	96	79782	YTHD-TC-72S	84
79495	MBC-24	130	79586	SSTHB-S/S	108	79656	PACB100	107	79783	YTHD-36S	84
79496	MBC-30	130	79587	YTP-18/450	83	79656	PACB100	129	79784	YTHD-42S	84
79497	MBC-36	130	79588	YTP-24/600	83	79665	PTMHD54VR	210	79785	YTHD-48S	84
79498	MBC-42	130	79589	YTP-30/750	83	79666	PTMHD60VR	210	79786	YTHD-54S	84
79499	MBC-48	130	79590	YTP-36/900	83	79667	PTMHD72VR	210	79787	YTHD-60S	84
79500	MBC-54	130	79591	YTP-42/1050	83	79668	PTMHD84VR	210	79788	YTHD-72S	84
79501	MBC-60	130	79592	YTP-48/1200	83	79669	PTM24VR	210	79789	YTHDW-36S	84
79502	MBC-72	130	79593	YTA-18/450	83	79670	PTM30VR	210	79790	YTHDW-42S	84
79503	MBC-84	130	79594	YTA-24/600	83	79671	PTM36VR	210	79791	YTHDW-48S	84
79504	MBDS-18	132	79595	YTA-30/750	83	79672	PTM42VR	210	79792	YTHDW-54S	84
79505	MBDS-24	132	79596	YTA-36/900	83	79673	PTM48VR	210	79793	YTHDW-60S	84
79506	MBDS-30	132	79597	YTA-42/1050	83	79674	PTM54VR	210	79794	YTHDW-72S	84
79507	MBDS-36	132	79598	YTA-48/1200	83	79675	PTM60VR	210	79795	YSTS-Y	83
79508	MBDS-42	132	79611	YCART-18/450-W	81	79676	YT-HDW*	85	79795	YSTS-Y	98
79509	MBDS-48	132	79611	YCART-18/450-W	83	79676	YT-HDW	87	79796	YSTS-P	83
79510	MBDS-54	132	79612	YCART-24/600-W	81	79677	YT-HDP*	85	79796	YSTS-P	98
79511	MBDS-60	132	79612	YCART-24/600-W	83	79677	YT-HDP	87	79797	YSTHDS-GR	87
79512	MBDS-72	132	79613	YCART-30/750-W	81	79699	FMSC	98	79798	YSTHDS-BL	87
79513	MBDS-84	132	79613	YCART-30/750-W	83	79728	YT-HDC	85	79799	YTPHD-36/900	87
79514	MBRD-18	130	79614	YCART-36/900-W	81	79728	YT-HDC	87	79800	YTPHD-42/1050	87
79514	MBRD-18	132	79614	YCART-36/900-W	83	79738	MHS-24RU	101	79801	YTPHD-48/1200	87
79515	MBRD-24	130	79615	YCART-42/1050-W	81	79739	MHS-30RU	101	79802	YTPHD-54/1350	87
79515	MBRD-24	132	79615	YCART-42/1050-W	83	79740	MHS-36RU	101	79803	YTPHD-60/1500	87
79516	MBRD-30	130	79616	YCART-48/1200-W	81	79741	MHS-42RU	101	79804	YTPHD-72/1800	87
79516	MBRD-30	132	79616	YCART-48/1200-W	83	79742	MHS-48RU	101	79805	YTAHD-36/900	87
79517	MBRD-36	130	79617	YCART-18/450-P	81	79743	MHS-54RU	101	79806	YTAHD-42/1050	87
79517	MBRD-36	132	79617	YCART-18/450-P	83	79744	MHS-60RU	101	79807	YTAHD-48/1200	87
79518	MBRD-42	130	79618	YCART-24/600-P	81	79745	MHS-72RU	101	79808	YTAHD-54/1350	87
79518	MBRD-42	132	79618	YCART-24/600-P	83	79746	MHS-84RU	101	79809	YTAHD-60/1500	87
79519	MBRD-48	130	79619	YCART-30/750-P	81	79747	MHS-96RU	101	79810	YTAHD-72/1800	87
79519	MBRD-48	132	79619	YCART-30/750-P	83	79748	MHS-18RUV	101	79811	YCART-18/450-TC	81
79520	MBRD-54	130	79620	YCART-36/900-P	81	79749	MHS-24RUV	101	79811	YCART-18/450-TC	83
79520	MBRD-54	132	79620	YCART-36/900-P	83	79750	MHS-30RUV	101	79812	YCART-24/600-TC	81
79521	MBRD-60	130	79621	YCART-42/1050-P	81	79751	MHS-36RUV	101	79812	YCART-24/600-TC	83
79521	MBRD-60	132	79621	YCART-42/1050-P	83	79752	MHS-42RUV	101	79813	YCART-30/750-TC	81
79522	MBRD-72	130	79622	YCART-48/1200-P	81	79753	MHS-48RUV	101	79813	YCART-30/750-TC	83
79522	MBRD-72	132	79622	YCART-48/1200-P	83	79754	MHS-54RUV	101	79814	YCART-36/900-TC	81
79523	MBRD-84	130	79623	YTAC	83	79755	MHS-60RUV	101	79814	YCART-36/900-TC	83
79523	MBRD-84	132	79624	MHS-18RMV	100	79756	MHS-72RUV	101	79815	YCART-42/1050-TC	81
79524	MBCMK	132	79625	MHS-24RMV	100	79757	MHS-84RUV	101	79815	YCART-42/1050-TC	83
79525	MBCBC	132	79626	MHS-30RMV	100	79758	MHS-96RUV	101	79816	YCART-48/1200-TC	81

INDEX By Item Code

Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #
79816	YCART-48/1200-TC	83	79850	YSTHDBK	140	79948	CBSBLD24F	136	79993	MSB36RMK	182
79817	YCART-36/900-HDP	85	79851	YSTHDGBK	87	79948	CBSBLD24F	139	79994	MSB42RMK	182
79817	YCART-36/900-HDP	87	79852	YSTHDLBK	87	79949	CBSBLD30F	134	79995	MSB48RMK	182
79818	YCART-42/1050-HDP	85	79853	YSTHDBK-W	87	79949	CBSBLD30F	136	79996	MSB54RMK	182
79818	YCART-42/1050-HDP	87	79854	YSTPHDMK	87	79949	CBSBLD30F	139	79997	MSB60RMK	182
79819	YCART-48/1200-HDP	85	79855	YSTTBK-B	83	79950	CBSBLD36F	134	79998	MSB72RMK	182
79819	YCART-48/1200-HDP	87	79855	YSTTBK-B	98	79950	CBSBLD36F	136	82810	UPL-S/S-MT	125
79820	YCART-54/1350-HDP	85	79856	YSTHDBK-B	87	79950	CBSBLD36F	139	82811	UPLHD-S/S-MT	125
79820	YCART-54/1350-HDP	87	79857	YSTANK	83	79951	CBSBLD42F	134	82885	USMK-S/S-M	125
79821	YCART-60/1500-HDP	85	79857	YSTANK	98	79951	CBSBLD42F	136	82886	USMKHD-S/S-M	125
79821	YCART-60/1500-HDP	87	79858	YSTANKHD	87	79951	CBSBLD42F	139	90000	AWTPBA	47
79822	YCART-72/1800-HDP	85	79861	RBSE-10	158	79952	CBSBLD48F	134	90000	AWTPBA	55
79822	YCART-72/1800-HDP	87	79862	RBSE-16	158	79952	CBSBLD48F	136	90000	AWTPBA	60
79823	YCART-36/900-HDW	85	79863	RBSE-22	158	79952	CBSBLD48F	139	90001	PTM24T-S/S	211
79823	YCART-36/900-HDW	87	79864	RBSE-28	158	79953	CBSBLD54F	134	90002	PTM30T-S/S	211
79824	YCART-42/1050-HDW	85	79865	RBSE-34	158	79953	CBSBLD54F	136	90003	PTM36T-S/S	211
79824	YCART-42/1050-HDW	87	79866	RBSE-40	158	79953	CBSBLD54F	139	90004	PTM42T-S/S	211
79825	YCART-48/1200-HDW	85	79867	RBSE-46	158	79954	CBSBLD60F	134	90005	PTM48T-S/S	211
79825	YCART-48/1200-HDW	87	79868	RBSE-52	158	79954	CBSBLD60F	136	90006	PTM54T-S/S	211
79826	YCART-54/1350-HDW	85	79869	RBSE-58	158	79954	CBSBLD60F	139	90007	PTM60T-S/S	211
79826	YCART-54/1350-HDW	87	79870	RBSE-64	158	79955	CBSBLD72F	134	90008	PTMHD54T-S/S	211
79827	YCART-60/1500-HDW	85	79871	RBSE-70	158	79955	CBSBLD72F	136	90009	PTMHD60T-S/S	211
79827	YCART-60/1500-HDW	87	79891	JNK-A	19	79955	CBSBLD72F	139	90010	PTMHD72T-S/S	211
79828	YCART-72/1800-HDW	85	79892	JNK-B	29	79956	CBSBLD84F	134	90011	PTMHD84T-S/S	211
79828	YCART-72/1800-HDW	87	79893	JNK-C	39	79956	CBSBLD84F	136	90012	PTM24R-S/S	211
79829	YCART-36/900-HDTC	85	79893	JNK-C	47	79956	CBSBLD84F	139	90013	PTM30R-S/S	211
79829	YCART-36/900-HDTC	87	79893	JNK-C	67	79957	CBSBLD96F	134	90014	PTM36R-S/S	211
79830	YCART-42/1050-HDTC	85	79893	JNK-C	74	79957	CBSBLD96F	136	90015	PTM42R-S/S	211
79830	YCART-42/1050-HDTC	87	79893	JNK-C	106	79957	CBSBLD96F	139	90016	PTM48R-S/S	211
79831	YCART-48/1200-HDTC	85	79893	JNK-C	120	79958	CBS18PF	134	90017	PTM54R-S/S	211
79831	YCART-48/1200-HDTC	87	79893	JNK-C	124	79959	CBS24PF	134	90018	PTM60R-S/S	211
79832	YCART-54/1350-HDTC	85	79893	JNK-C	129	79960	CBS30PF	134	90019	PTMHD54R-S/S	211
79832	YCART-54/1350-HDTC	87	79894	JNK-D	55	79961	CBS36PF	134	90020	PTMHD60R-S/S	211
79833	YCART-60/1500-HDTC	85	79894	JNK-D	60	79962	CBS42PF	134	90021	PTMHD72R-S/S	211
79833	YCART-60/1500-HDTC	87	79895	JNK-E	120	79963	CBS48PF	134	90022	PTMHD84R-S/S	211
79834	YCART-72/1800-HDTC	85	79896	JNK-F	124	79964	CBS54PF	134	90023	PTM24VR-S/S	211
79834	YCART-72/1800-HDTC	87	79908	MIB2-1UF	184	79965	CBS60PF	134	90024	PTM30VR-S/S	211
79835	YTACHD	87	79908	MIB2-1UF	187	79966	CBS72PF	134	90025	PTM36VR-S/S	211
79836	YST-Y	83	79914	MBC-18-575V	130	79967	CBS84PF	134	90026	PTM42VR-S/S	211
79836	YST-Y	98	79915	MBC-24-575V	130	79968	CBS96PF	134	90027	PTM48VR-S/S	211
79837	YST-P	83	79916	MBC-30-575V	130	79970	SB2	184	90028	PTM54VR-S/S	211
79837	YST-P	98	79917	MBC-36-575V	130	79970	SB2	187	90029	PTM60VR-S/S	211
79838	YST-S	83	79918	MBC-42-575V	130	79971	MIB24-2H	185	90030	PTMHD54VR-S/S	211
79838	YST-S	98	79919	MBC-48-575V	130	79972	MIB30-2H	185	90031	PTMHD60VR-S/S	211
79839	YSTHD-GR	87	79920	MBC-54-575V	130	79973	MIB36-2H	185	90032	PTMHD72VR-S/S	211
79840	YSTHD-S	87	79921	MBC-60-575V	130	79974	MIB42-2H	185	90033	PTMHD84VR-S/S	211
79841	YSTHD-BL	87	79922	MBC-72-575V	130	79975	MIB48-2H	185	90034	PTMSD72T-S/S	211
79842	YSTHD-BK	87	79923	MBC-84-575V	130	79976	MIB54-2H	185	90035	PTMSD84T-S/S	211
79843	YSTMB	83	79924	MBCM-575-1	132	79977	MIB60-2H	185	90036	PTMSD96T-S/S	211
79843	YSTMB	98	79925	MBCM-575-2	132	79978	MIB72-2H	185	90037	PTMSD120T-S/S	211
79844	YSTDBK	80	79936	CBS18SF	134	79979	MSB24-2I	182	90038	PTMSD72R-S/S	211
79844	YSTDBK	83	79937	CBS24SF	134	79980	MSB30-2I	182	90039	PTMSD84R-S/S	211
79844	YSTDBK	140	79938	CBS30SF	134	79981	MSB36-2I	182	90040	PTMSD96R-S/S	211
79845	YSTGBK	83	79939	CBS36SF	134	79982	MSB42-2I	182	90041	PTMSD120R-S/S	211
79845	YSTGBK	98	79940	CBS42SF	134	79983	MSB48-2I	182	90042	PTMSD72VR-S/S	211
79846	YSTLBK	83	79941	CBS48SF	134	79984	MSB54-2I	182	90043	PTMSD84VR-S/S	211
79846	YSTLBK	98	79942	CBS54SF	134	79985	MSB60-2I	182	90044	PTMSD96VR-S/S	211
79847	YSTTBK-W	83	79943	CBS60SF	134	79986	MSB72-2I	182	90045	PTMSD120VR-S/S	211
79847	YSTTBK-W	98	79944	CBS72SF	134	79987	MSBRMK	184	90046	MSR2-S/S	215
79848	YSTPMK	83	79945	CBS84SF	134	79988	SB2F	184	90047	PMSMK2-S/S	215
79848	YSTPMK	98	79946	CBS96SF	134	79988	SB2F	187	90048	MAK2-S/S	215
79849	YSTHDMB	87	79947	CBSBLD18F	134	79989	SHIM-KITMOD	184	90049	MAKH02-S/S	215
79850	YSTHDBK	84	79947	CBSBLD18F	136	79989	SHIM-KITMOD	187	90050	MFASKHD-S/S	215
79850	YSTHDBK	87	79947	CBSBLD18F	139	79991	MSB24RMK	182	90051	PTMSD72VR	210
79850	YSTHDBK	95	79948	CBSBLD24F	134	79992	MSB30RMK	182	90052	PTMSD84VR	210

INDEX By Item Code

Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #
90053	PTMSD96VR	210	90223	SE6-R54	213	90285	SKPU-8X1/2X25	216	90553	FMS-72-YST	95
90054	PTMSD120VR	210	90224	SE6-R60	213	90286	SKPU-8X3/4X25	216	90554	CBCS72	133
90055	MSRSD-S/S	215	90225	SE6-R72	213	90319	SE6-VR84	213	90555	CBCS84	133
90056	PMSMKSD-S/S	215	90226	SE6-R84	213	90351	PTEZMB	202	90581	MXP-1242	61
90057	MAKSD-S/S	215	90227	SE6-T36	213	90352	PTEZPB	202	90582	MXP-1248	61
90068	RWPREC-624	137	90228	SE6-T42	213	90353	PTEZDC	202	90583	MXP-1254	61
90069	RWPREC-630	137	90229	SE6-T48	213	90362	PTMA36T	209	90584	MXP-1260	61
90070	RWPREC-636	137	90230	SE6-T54/VR36	213	90363	PTMA42T	209	90585	MXP-1272	61
90071	RWPREC-642	137	90231	SE6-T60/VR42	213	90364	PTMA48T	209	90586	MXP-1284	61
90072	RWPREC-648	137	90232	SE6-T72/VR48	213	90365	PTMA54T	209	90587	MXP-1296	61
90073	RWPREC-654	137	90233	SE6-T84	213	90366	PTMA60T	209	90588	MXP-12120	61
90074	RWPREC-660	137	90234	SE6-VR54	213	90367	PTMA36R	209	90589	MXPP-642	64
90075	RWPREC-672	137	90235	SE6-VR60	213	90368	PTMA42R	209	90590	MXPP-648	64
90076	RWPREC-684	137	90236	SE6-VR72	213	90369	PTMA48R	209	90591	MXPP-654	64
90077	RWPREC-696	137	90237	MIB24CSK	184	90370	PTMA54R	209	90592	MXPP-660	64
90078	RWPREC-1230	137	90237	MIB24CSK	187	90371	PTMA60R	209	90593	MXPP-672	64
90079	RWPREC-1236	137	90238	MIB30CSK	184	90372	PTMA36VR	209	90594	MXPP-684	64
90080	RWPREC-1242	137	90238	MIB30CSK	187	90373	PTMA42VR	209	90595	MXPP-696	64
90081	RWPREC-1248	137	90239	MIB36CSK	184	90374	PTMA48VR	209	90596	MXPP-6120	64
90082	RWPREC-1254	137	90239	MIB36CSK	187	90375	PTMA54VR	209	90598	MXPPE	64
90083	RWPREC-1260	137	90240	MIB42CSK	184	90376	PTMA60VR	209	90599	XDSTMPK	64
90084	RWPREC-1272	137	90240	MIB42CSK	187	90377	PTMAHD54T	209	90600	XDSTPAK	64
90085	RWPREC-1284	137	90241	MIB48CSK	184	90378	PTMAHD60T	209	90601	XDSTS-W	64
90086	RWPREC-1296	137	90241	MIB48CSK	187	90379	PTMAHD72T	209	90602	XDSTS-P	64
90087	RWPBLD-18	138	90242	MIB54CSK	184	90380	PTMAHD84T	209	90603	XDSTS-B	64
90088	RWPBLD-24	138	90242	MIB54CSK	187	90381	PTMAHD54R	209	90604	XDSTBK-W	64
90089	RWPBLD-30	138	90243	MIB60CSK	184	90382	PTMAHD60R	209	90605	XDSTBK-P	64
90090	RWPBLD-36	138	90243	MIB60CSK	187	90383	PTMAHD72R	209	90606	XDSTBK-B	64
90091	RWPBLD-42	138	90244	MIB72CSK	184	90384	PTMAHD84R	209	90607	MXPPBK	64
90092	RWPBLD-48	138	90244	MIB72CSK	187	90385	PTMAHD54VR	209	90608	XDSTPSBK	64
90093	RWPBLD-54	138	90245	MIB24WPK	184	90386	PTMAHD60VR	209	90609	XDSTTAK	64
90094	RWPBLD-60	138	90245	MIB24WPK	187	90387	PTMAHD72VR	209	90610	XDSTJNK	64
90095	RWPBLD-66	138	90246	MIB30WPK	184	90388	PTMAHD84VR	209	90611	XDST-W	64
90096	RWPBLD-72	138	90246	MIB30WPK	187	90393	MXP-642	61	90612	XDST-P	64
90097	RWPBLD-78	138	90247	MIB36WPK	184	90394	MXP-648	61	90613	XDST-B	64
90098	RWPBLD-84	138	90247	MIB36WPK	187	90395	MXP-654	61	90614	RBDT-6C	163
90099	RWPBLD-90	138	90248	MIB42WPK	184	90396	MXP-660	61	90615	RBDTXHD-13C	164
90100	PTS-DRK	208	90248	MIB42WPK	187	90397	MXP-672	61	90616	PTEZHD-42/1050	202
90101	CBSBP18F	136	90249	MIB48WPK	184	90398	MXP-684	61	90617	PTEZHD-48/1200	202
90102	CBSBP24F	136	90249	MIB48WPK	187	90399	MXP-696	61	90618	PTEZHD-54/1350	202
90103	CBSBP30F	136	90250	MIB54WPK	184	90400	MXP-6120	61	90619	PTEZHD-60/1500	202
90104	CBSBP36F	136	90250	MIB54WPK	187	90409	USB12	61	90620	PTEZHD-72/1800	202
90105	CBSBP42F	136	90251	MIB60WPK	184	90409	USB12	64	90621	PTEZHD-84/2100	202
90106	CBSBP48F	136	90251	MIB60WPK	187	90410	USB6	61	90622	MXPP-1242	64
90107	CBSBP54F	136	90252	MIB72WPK	184	90410	USB6	64	90623	MXPP-1248	64
90108	CBSBP60F	136	90252	MIB72WPK	187	90411	USBP	64	90624	MXPP-1254	64
90109	CBSBP72F	136	90253	MIB24CPK	187	90412	USBBRP	64	90625	MXPP-1260	64
90110	CBSBP84F	136	90254	MIB30CPK	187	90434	EZCRMK24-48	175	90626	MXPP-1272	64
90111	CBSBP96F	136	90255	MIB36CPK	187	90435	QMT-ATEX	39	90627	MXPP-1284	64
90185	PTMAFMKT	213	90256	MIB42CPK	187	90537	CBCS18	133	90628	MXPP-1296	64
90186	PTMAFMKR	213	90257	MIB48CPK	187	90538	CBCS24	133	90629	MXPP-12120	64
90187	PTMAFMKHDR	213	90258	MIB54CPK	187	90539	CBCS30	133	90631	CRDF18	133
90188	PTMAEKT	213	90259	MIB60CPK	187	90540	CBCS36	133	90632	CRDF24	133
90189	PTMAEKR	213	90260	MIB72CPK	187	90541	CBCS42	133	90633	CRDF30	133
90190	PTMAEKVR	213	90261	EZCRMK54-60	175	90542	CBCS48	133	90634	CRDF36	133
90191	PTMAEKHDT	213	90262	EZCRMK72	175	90543	CBCS54	133	90635	CRDF42	133
90192	PTMAEKHDR	213	90264	ESBK-ATEX	19	90544	CBCS60	133	90636	CRDF48	133
90193	PTMAEKHDVR	213	90265	PTEZ-18	202	90545	FMS-18-YST	95	90637	CRDF54	133
90194	PTMAAK	213	90266	PTEZ-24	202	90546	FMS-24-YST	95	90638	CRDF60	133
90195	PTMAAKHD	213	90267	PTEZ-30	202	90547	FMS-30-YST	95	90639	CRDF72	133
90196	PTMAFASK	213	90268	PTEZ-36	202	90548	FMS-36-YST	95	90640	CRDF84	133
90197	PTMAORK	213	90269	PTEZ-42	202	90549	FMS-42-YST	95	90641	CBC3R	133
90220	SE6-R36	213	90270	PTEZ-48	202	90550	FMS-48-YST	95	90642	MXP-6108	61
90221	SE6-R42	213	90283	SKPU-6X1/2X25	216	90551	FMS-54-YST	95	90643	MXP-12108	61
90222	SE6-R48	213	90284	SKPU-6X3/4X25	216	90552	FMS-60-YST	95	90644	MXPP-6108	64

INDEX By Item Code

Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #	Item Code	Ordering Number	Page #
90645	MXPP-12108	64	91216	RWPREC-1848	137	91258	CRB-UHT40	37	91302	SKPU-6X5/8X50	216
90646	RBP1R-S	199	91217	RWPREC-1854	137	91259	CRB-UHT46	16	91303	SKPU-6X1X50	216
90647	RBP1R-M	199	91218	RWPREC-1860	137	91259	CRB-UHT46	37	91304	SKPU-8X3/8X25	216
90648	RBP1R-L	199	91219	RWPREC-1872	137	91260	CRB-UHT52	16	91305	SKPU-8X5/8X25	216
90649	RBP1R-XL	199	91220	RWPREC-1884	137	91260	CRB-UHT52	37	91306	SKPU-8X1X25	216
90650	RBPRR-S	201	91221	RWPREC-1896	137	91261	CRB-UHT58	16	91307	SKPU-8X3/8X50	216
90651	RBPRR-M	201	91222	SKPU-6X1/2X50	216	91261	CRB-UHT58	37	91308	SKPU-8X5/8X50	216
90652	RBPRR-L	201	91223	SKPU-6X3/4X50	216	91262	CRB-UHT64	16	91309	SKPU-8X1X50	216
90653	RBPRR-XL	201	91224	SKPU-8X1/2X50	216	91262	CRB-UHT64	37	91310	SKPU-10X3/8X25	216
90762	CBC72	133	91225	SKPU-8X3/4X50	216	91263	CRB-UHT70	16	91311	SKPU-10X1/2X25	216
90763	CBC84	133	91226	EZP1-UHT212	14	91263	CRB-UHT70	37	91312	SKPU-10X5/8X25	216
90795	PTEZHD-56/1400	202	91227	EZP1-UHT218	14	91264	MSP-UHT224	35	91313	SKPU-10X3/4X25	216
90796	PTEZHD-64/1600	202	91228	EZP1-UHT224	14	91265	MSP-UHT230	35	91314	SKPU-10X1X25	216
90797	PTEZHD-80/2000	202	91229	EZP1-UHT230	14	91266	MSP-UHT236	35	91315	SKPU-10X3/8X50	216
90798	PTEZHD-42/1050-UG	202	91230	EZP1-UHT236	14	91267	MSP-UHT242	35	91316	SKPU-10X1/2X50	216
90799	PTEZHD-48/1200-UG	202	91231	EZP1-UHT242	14	91268	MSP-UHT248	35	91317	SKPU-10X5/8X50	216
90800	PTEZHD-54/1350-UG	202	91232	EZP1-UHT248	14	91269	MSP-UHT254	35	91318	SKPU-10X3/4X50	216
90801	PTEZHD-60/1500-UG	202	91233	EZP1-UHT254	14	91270	MSP-UHT260	35	91319	SKPU-10X1X50	216
90802	PTEZHD-72/1800-UG	202	91234	EZP1-UHT260	14	91271	MSP-UHT272	35	91320	SKPU-12X3/8X25	216
90803	PTEZHD-MBK	202	91235	EZP1-UHT272	14	91272	MSP-UHT824	35	91321	SKPU-12X1/2X25	216
90804	PTEZHD-PBK	202	91236	EZP1-UHT818	14	91273	MSP-UHT830	35	91322	SKPU-12X5/8X25	216
90805	PTEZHD-DCK	202	91237	EZP1-UHT824	14	91274	MSP-UHT836	35	91323	SKPU-12X3/4X25	216
90806	PTEZHD-WRBK	202	91238	EZP1-UHT830	14	91275	MSP-UHT842	35	91324	SKPU-12X1X25	216
90807	PTEZHD-JBBK	202	91239	EZP1-UHT836	14	91276	MSP-UHT848	35	91325	SKPU-12X3/8X50	216
90814	EST-A-P	19	91240	EZP1-UHT842	14	91277	MSP-UHT854	35	91326	SKPU-12X1/2X50	216
90815	EST-A-S	19	91241	EZP1-UHT848	14	91278	MSP-UHT860	35	91327	SKPU-12X5/8X50	216
90816	EST-A-B	19	91242	EZP1-UHT854	14	91279	MSP-UHT872	35	91328	SKPU-12X3/4X50	216
90935	RBQB1-16/400	154	91243	EZP1-UHT860	14	91280	MSP-UHT1442	35	91329	SKPU-12X1X50	216
90936	RBQB1-18/450	154	91244	EZP1-UHT872	14	91281	MSP-UHT1448	35	91408	SSTXD-W	136
90937	RBQB1-22/550	154	91245	EZP1-UHT1424	14	91282	MSP-UHT1454	35	91409	SSTXD-S	136
90938	RBQB1-24/600	154	91246	EZP1-UHT1430	14	91283	MSP-UHT1460	35	91410	SSTXD-B	136
90939	RBQB1-28/700	154	91247	EZP1-UHT1436	14	91284	MSP-UHT1472	35	91411	SSTXD-G	136
90940	RBQB1-30/750	154	91248	EZP1-UHT1442	14	91285	QMT-A-P	39	91412	SSTXDMK	136
90941	RBQB1-34/850	154	91249	EZP1-UHT1448	14	91286	QMT-A-W	39	91413	SATXDPAT	136
90942	RBQB1-36/900	154	91250	EZP1-UHT1454	14	91288	SKPU-4X3/8X25	216	91414	SATXDNCB	136
90943	RBQB1-40/1000	154	91251	EZP1-UHT1460	14	91289	SKPU-4X1/2X25	216	91415	SAT2MK	136
90944	RBQB1-42/1050	154	91252	EZP1-UHT1472	14	91290	SKPU-4X5/8X25	216	91417	RWSECS-18F	139
90945	RBQB1-46/1150	154	91253	CRB-UHT10	16	91291	SKPU-4X3/4X25	216	91418	RWSECS-24F	139
90946	RBQB1-48/1200	154	91253	CRB-UHT10	37	91292	SKPU-4X1X25	216	91419	RWSECS-30F	139
90947	RBQB1-52/1300	154	91254	CRB-UHT16	16	91293	SKPU-4X3/8X50	216	91420	RWSECS-36F	139
90948	RBQB1-54/1350	154	91254	CRB-UHT16	37	91294	SKPU-4X1/2X50	216	91421	RWSECS-42F	139
90949	RBQB1-58/1450	154	91255	CRB-UHT22	16	91295	SKPU-4X5/8X50	216	91422	RWSECS-48F	139
90950	RBQB1-60/1500	154	91255	CRB-UHT22	37	91296	SKPU-4X3/4X50	216	91423	RWSECS-54F	139
90951	RBQB1-64/1600	154	91256	CRB-UHT28	16	91297	SKPU-4X1X50	216	91424	RWSECS-60F	139
90952	RBQB1-70/1750	154	91256	CRB-UHT28	37	91298	SKPU-6X3/8X25	216	91425	RWSECS-72F	139
90953	RBQB1-72/1800	154	91257	CRB-UHT34	16	91299	SKPU-6X5/8X25	216	91426	RWSECS-84F	139
91214	RWPREC-1836	137	91257	CRB-UHT34	37	91300	SKPU-6X1X25	216	91427	RWSECS-96F	139
91215	RWPREC-1842	137	91258	CRB-UHT40	16	91301	SKPU-6X3/8X50	216	77548	SHIM-KITL	189
									A1636	CLFR1360/54.4-12	224



Partners in Productivity

Av. Jorge Alessandri 11.500 – Edificio 7
Megacentro San Bernardo, San Bernardo, Santiago, Chile

Teléfono: 56-2-2896-7870

Correo electrónico: ventaslatam@flexco.com

www.flexco.com