

IT'S THE YEAR OF  
**INNOVATION**  
AT AMERICAN EAGLE  
MANUFACTURING



## BELT CLEANING TECHNOLOGIES AND CONVEYOR ACCESSORIES



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# PRIMARY CLEANERS

Why should American Eagle be *Your* belt cleaner of choice?

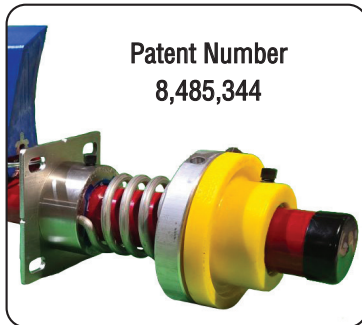
Our patented Eagle Torsion system was designed around a heavy-duty stainless steel spring, which provides even and positive tension, unlike those of our competitors.

Instead of using inaccurate, pre-located holes, you'll have the option of a full 360 degree adjustment, allowing for increased accuracy. Held in place by a heavy duty tab on either side, the spring is set in an Eagle Torsion collar, which can be set to the proper tension using either our own indicator rings or a standard torque wrench. Ease of assembly and installation leads to more productive time for your customer.

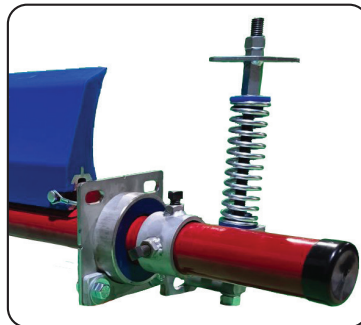
## AMERICAN EAGLE NOW PRESENTS A NEW ADDITION TO OUR PRIMARY BELT CLEANER LINE.

In addition to the HP/HD series, our Flagship primary belt cleaners with the open spring system, we'd like to introduce the ECT series, with an enclosed spring system, with the same durability and attention to detail you've come to expect from American Eagle.

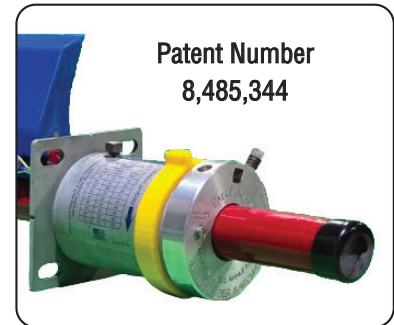
HP / HD Series



SD Series



ECT Series



## BLADE SELECTION

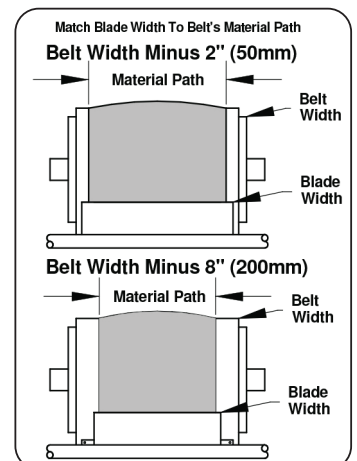
### Blade Material Code

- M** - Ev-R-Wear ●
- U** - Standard ●
- C** - Chemical ●
- H** - High Heat ●
- W** - Food Grade

Material meets FDA criteria for the following: CFR21.177.1680

With over 30 years of urethane casting experience, we have developed proprietary blends specifically formulated for the belt cleaning industry.

Selection of the proper blade width is crucial to the life and effectiveness of your blade.

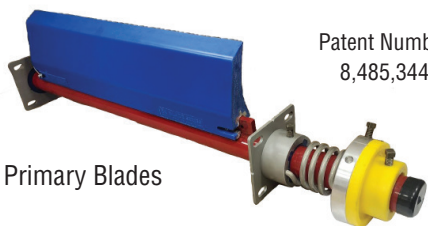


*Let our Customer Service team help you select the cleaners that are right for your customer's applications.*

# PRIMARY CLEANERS/TORSION SYSTEM



## E5HP SERIES



Patent Number  
8,485,344

with 6" Ev-R-Wear™ Primary Blades

All belt cleaners below based on a single tensioner.

### Specifications and Guidelines

**Tensioner Type**  
Eagle Torsion System  
**Blade Height** 6"  
**Pulley Diameter**  
10" to 24" (250 to 600 mm)

### Mounting Assemblies

Stainless Steel  
**Belt Speed**  
Max 800 FPM (5m/sec)  
**Temperature Rating**  
-30°F to 212°F (-35°C to 100°C)

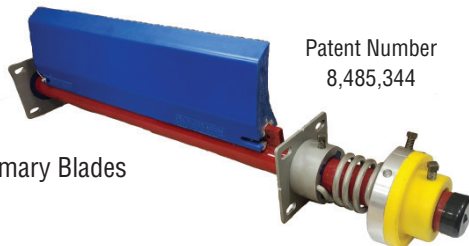
Belt Width	-2 Blade Width	Part Number
24"	22"	E5HPCSM24
30"	28"	E5HPCSM30
36"	34"	E5HPCSM36
42"	40"	E5HPCSM42
48"	46"	E5HPCSM48
54"	52"	E5HPCSM54
60"	58"	E5HPCSM60
72"	70"	E5HPCSM72

Replacement Blade
E5M22
E5M28
E5M34
E5M40
E5M46
E5M52
E5M58
E5M70

Belt Width	-8 Blade Width	Part Number
24"	16"	E5HPCSM24-8
30"	22"	E5HPCSM30-8
36"	28"	E5HPCSM36-8
42"	34"	E5HPCSM42-8
48"	40"	E5HPCSM48-8
54"	46"	E5HPCSM54-8
60"	52"	E5HPCSM60-8
72"	64"	E5HPCSM72-8

Replacement Blade
E5M16
E5M22
E5M28
E5M34
E5M40
E5M46
E5M52
E5M64

## E1HP SERIES



Patent Number  
8,485,344

with 6<sup>5</sup>/<sub>8</sub>" Ev-R-Wear™ Primary Blades

All belt cleaners below based on a single tensioner.

### Specifications and Guidelines

**Tensioner Type**  
Eagle Torsion System  
**Blade Height** 6-5/8"  
**Pulley Diameter**  
24" Plus (600 mm +)

### Mounting Assemblies

Stainless Steel  
**Belt Speed**  
Max 1200 FPM (5m/sec)  
**Temperature Rating**  
-30°F to 212°F (-35°C to 100°C)

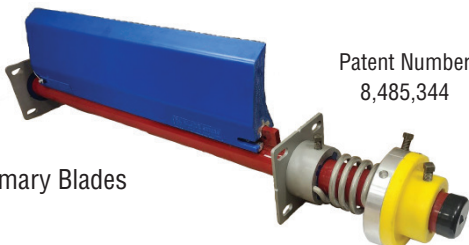
Belt Width	-2 Blade Width	Part Number
24"	22"	E1HPCSM24
30"	28"	E1HPCSM30
36"	34"	E1HPCSM36
42"	40"	E1HPCSM42
48"	46"	E1HPCSM48
54"	52"	E1HPCSM54
60"	58"	E1HPCSM60
72"	70"	E1HPCSM72

Replacement Blade
E1M22
E1M28
E1M34
E1M40
E1M46
E1M52
E1M58
E1M70

Belt Width	-8 Blade Width	Part Number
24"	16"	E1HPCSM24-8
30"	22"	E1HPCSM30-8
36"	28"	E1HPCSM36-8
42"	34"	E1HPCSM42-8
48"	40"	E1HPCSM48-8
54"	46"	E1HPCSM54-8
60"	52"	E1HPCSM60-8
72"	64"	E1HPCSM72-8

Replacement Blade
E1M16
E1M22
E1M28
E1M34
E1M40
E1M46
E1M52
E1M64

## E4HD SERIES



Patent Number  
8,485,344

with 7<sup>1</sup>/<sub>4</sub>" Ev-R-Wear™ Primary Blades

All belt cleaners below based on a single tensioner.

### Specifications and Guidelines

**Tensioner Type**  
Eagle Torsion System  
**Blade Height** 7-1/4"  
**Pulley Diameter**  
30" Plus (600 mm +)

### Mounting Assemblies

Stainless Steel  
**Belt Speed**  
Max 1200 FPM (5m/sec)  
**Temperature Rating**  
-30°F to 212°F (-35°C to 100°C)

Belt Width	-2 Blade Width	Part Number
24"	22"	E4HDCSM24
30"	28"	E4HDCSM30
36"	34"	E4HDCSM36
42"	40"	E4HDCSM42
48"	46"	E4HDCSM48
54"	52"	E4HDCSM54
60"	58"	E4HDCSM60
72"	70"	E4HDCSM72

Replacement Blade
E4M22
E4M28
E4M34
E4M40
E4M46
E4M52
E4M58
E4M70

Belt Width	-8 Blade Width	Part Number
24"	16"	E4HDCSM24-8
30"	22"	E4HDCSM30-8
36"	28"	E4HDCSM36-8
42"	34"	E4HDCSM42-8
48"	40"	E4HDCSM48-8
54"	46"	E4HDCSM54-8
60"	52"	E4HDCSM60-8
72"	64"	E4HDCSM72-8

Replacement Blade
E4M16
E4M22
E4M28
E4M34
E4M40
E4M46
E4M52
E4M64

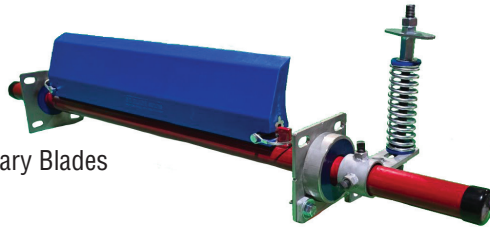
# PRIMARY CLEANERS/COMPRESSION SYSTEM



## E5SD SERIES

with 6" Ev-R-Wear™ Primary Blades

All belt cleaners below based on a single tensioner on 42" and below.



### Specifications and Guidelines

**Tensioner Type**  
Eagle Compression System  
**Blade Height** 6"  
**Pulley Diameter**  
10" to 24" (250 to 600 mm)

### Mounting Assemblies

Stainless Steel  
**Belt Speed**  
Max 800 FPM (5m/sec)  
**Temperature Rating**  
-30°F to 212°F (-35°C to 100°C)

Belt Width	-2 Blade Width	Part Number
24"	22"	E5SDCSM24
30"	28"	E5SDCSM30
36"	34"	E5SDCSM36
42"	40"	E5SDCSM42
48"	46"	E5SDCDM48
54"	52"	E5SDCDM54
60"	58"	E5SDCDM60
72"	70"	E5SDCDM72

Replacement Blade
E5M22
E5M28
E5M34
E5M40
E5M46
E5M52
E5M58
E5M70

Dual tensioners for belt widths 48" & Above

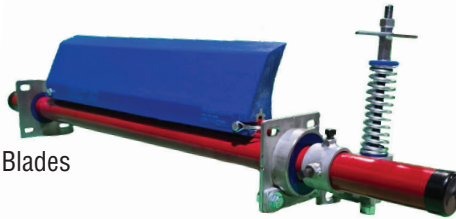
Belt Width	-8 Blade Width	Part Number
24"	16"	E5SDCSM24-8
30"	22"	E5SDCSM30-8
36"	28"	E5SDCSM36-8
42"	34"	E5SDCSM42-8
48"	40"	E5SDCDM48-8
54"	46"	E5SDCDM54-8
60"	52"	E5SDCDM60-8
72"	64"	E5SDCDM72-8

Replacement Blade
E5M16
E5M22
E5M28
E5M34
E5M40
E5M46
E5M52
E5M64

## E1SD SERIES

with 6<sup>5</sup>/<sub>8</sub>" Ev-R-Wear™ Primary Blades

All belt cleaners below based on a single tensioner on 42" and below.



### Specifications and Guidelines

**Tensioner Type**  
Eagle Compression System  
**Blade Height** 6-5/8"  
**Pulley Diameter**  
24" Plus (600 mm +)

### Mounting Assemblies

Stainless Steel  
**Belt Speed**  
Max 1200 FPM (5m/sec)  
**Temperature Rating**  
-30°F to 212°F (-35°C to 100°C)

Belt Width	-2 Blade Width	Part Number
24"	22"	E1SDCSM24
30"	28"	E1SDCSM30
36"	34"	E1SDCSM36
42"	40"	E1SDCSM42
48"	46"	E1SDCDM48
54"	52"	E1SDCDM54
60"	58"	E1SDCDM60
72"	70"	E1SDCDM72

Replacement Blade
E1M22
E1M28
E1M34
E1M40
E1M46
E1M52
E1M58
E1M70

Dual tensioners for belt widths 48" & Above

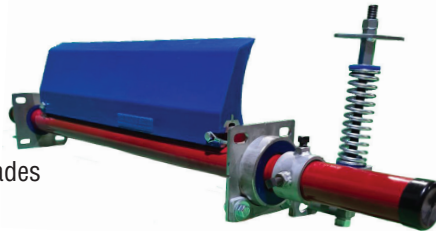
Belt Width	-8 Blade Width	Part Number
24"	16"	E1SDCSM24-8
30"	22"	E1SDCSM30-8
36"	28"	E1SDCSM36-8
42"	34"	E1SDCSM42-8
48"	40"	E1SDCDM48-8
54"	46"	E1SDCDM54-8
60"	52"	E1SDCDM60-8
72"	64"	E1SDCDM72-8

Replacement Blade
E1M16
E1M22
E1M28
E1M34
E1M40
E1M46
E1M52
E1M64

## E4SD SERIES

with 7<sup>1</sup>/<sub>4</sub>" Ev-R-Wear™ Primary Blades

All belt cleaners below based on a single tensioner on 42" and below.



### Specifications and Guidelines

**Tensioner Type**  
Eagle Compression System  
**Blade Height** 7-1/4"  
**Pulley Diameter**  
30" Plus (600 mm +)

### Mounting Assemblies

Stainless Steel  
**Belt Speed**  
Max 1200 FPM (5m/sec)  
**Temperature Rating**  
-30°F to 212°F (-35°C to 100°C)

Belt Width	-2 Blade Width	Part Number
24"	22"	E4SDCSM24
30"	28"	E4SDCSM30
36"	34"	E4SDCSM36
42"	40"	E4SDCSM42
48"	46"	E4SDCDM48
54"	52"	E4SDCDM54
60"	58"	E4SDCDM60
72"	70"	E4SDCDM72

Replacement Blade
E4M22
E4M28
E4M34
E4M40
E4M46
E4M52
E4M58
E4M70

Dual tensioners for belt widths 48" & Above

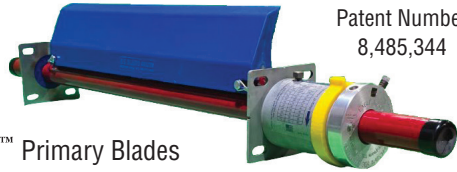
Belt Width	-8 Blade Width	Part Number
24"	16"	E4SDCSM24-8
30"	22"	E4SDCSM30-8
36"	28"	E4SDCSM36-8
42"	34"	E4SDCSM42-8
48"	40"	E4SDCDM48-8
54"	46"	E4SDCDM54-8
60"	52"	E4SDCDM60-8
72"	64"	E4SDCDM72-8

Replacement Blade
E4M16
E4M22
E4M28
E4M34
E4M40
E4M46
E4M52
E4M64

# PRIMARY CLEANERS/COVERED TORSION SYSTEM



## ECT5HP SERIES



Patent Number  
8,485,344

with **6" Ev-R-Wear™** Primary Blades

All belt cleaners below based on a single tensioner.

### Specifications and Guidelines

**Tensioner Type**  
Eagle Covered Torsion System  
**Blade Height 6"**  
**Pulley Diameter**  
10" to 24" (250 to 600 mm)

### Mounting Assemblies

Stainless Steel  
**Belt Speed**  
Max 800 FPM (5m/sec)  
**Temperature Rating**  
-30°F to 212°F (-35°C to 100°C)

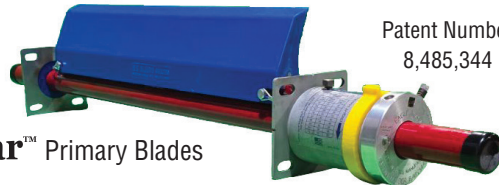
Belt Width	-2 Blade Width	Part Number
24"	22"	ECT5HPCSM24
30"	28"	ECT5HPCSM30
36"	34"	ECT5HPCSM36
42"	40"	ECT5HPCSM42
48"	46"	ECT5HPCSM48
54"	52"	ECT5HPCSM54
60"	58"	ECT5HPCSM60
72"	70"	ECT5HPCSM72

Replacement Blade
E5M22
E5M28
E5M34
E5M40
E5M46
E5M52
E5M58
E5M70

Belt Width	-8 Blade Width	Part Number
24"	16"	ECT5HPCSM24-8
30"	22"	ECT5HPCSM30-8
36"	28"	ECT5HPCSM36-8
42"	34"	ECT5HPCSM42-8
48"	40"	ECT5HPCSM48-8
54"	46"	ECT5HPCSM54-8
60"	52"	ECT5HPCSM60-8
72"	64"	ECT5HPCSM72-8

Replacement Blade
E5M16
E5M22
E5M28
E5M34
E5M40
E5M46
E5M52
E5M64

## ECT1HP SERIES



Patent Number  
8,485,344

with **6<sup>5</sup>/<sub>8</sub>" Ev-R-Wear™** Primary Blades

All belt cleaners below based on a single tensioner.

### Specifications and Guidelines

**Tensioner Type**  
Eagle Covered Torsion System  
**Blade Height 6-5/8"**  
**Pulley Diameter**  
24" Plus (600 mm +)

### Mounting Assemblies

Stainless Steel  
**Belt Speed**  
Max 1200 FPM (5m/sec)  
**Temperature Rating**  
-30°F to 212°F (-35°C to 100°C)

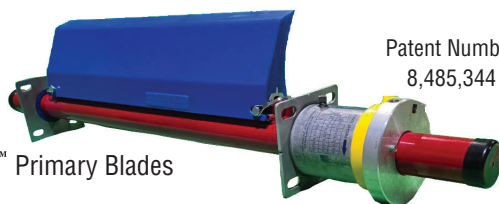
Belt Width	-2 Blade Width	Part Number
24"	22"	ECT1HPCSM24
30"	28"	ECT1HPCSM30
36"	34"	ECT1HPCSM36
42"	40"	ECT1HPCSM42
48"	46"	ECT1HPCSM48
54"	52"	ECT1HPCSM54
60"	58"	ECT1HPCSM60
72"	70"	ECT1HPCSM72

Replacement Blade
E1M22
E1M28
E1M34
E1M40
E1M46
E1M52
E1M58
E1M70

Belt Width	-8 Blade Width	Part Number
24"	16"	ECT1HPCSM24-8
30"	22"	ECT1HPCSM30-8
36"	28"	ECT1HPCSM36-8
42"	34"	ECT1HPCSM42-8
48"	40"	ECT1HPCSM48-8
54"	46"	ECT1HPCSM54-8
60"	52"	ECT1HPCSM60-8
72"	64"	ECT1HPCSM72-8

Replacement Blade
E1M16
E1M22
E1M28
E1M34
E1M40
E1M46
E1M52
E1M64

## ECT4HD SERIES



Patent Number  
8,485,344

with **7<sup>1</sup>/<sub>4</sub>" Ev-R-Wear™** Primary Blades

All belt cleaners below based on a single tensioner.

### Specifications and Guidelines

**Tensioner Type**  
Eagle Covered Torsion System  
**Blade Height 7-1/4"**  
**Pulley Diameter**  
30" Plus (600 mm +)

### Mounting Assemblies

Stainless Steel  
**Belt Speed**  
Max 1200 FPM (5m/sec)  
**Temperature Rating**  
-30°F to 212°F (-35°C to 100°C)

Belt Width	-2 Blade Width	Part Number
24"	22"	ECT4HDCSM24
30"	28"	ECT4HDCSM30
36"	34"	ECT4HDCSM36
42"	40"	ECT4HDCSM42
48"	46"	ECT4HDCSM48
54"	52"	ECT4HDCSM54
60"	58"	ECT4HDCSM60
72"	70"	ECT4HDCSM72

Replacement Blade
E4M22
E4M28
E4M34
E4M40
E4M46
E4M52
E4M58
E4M70

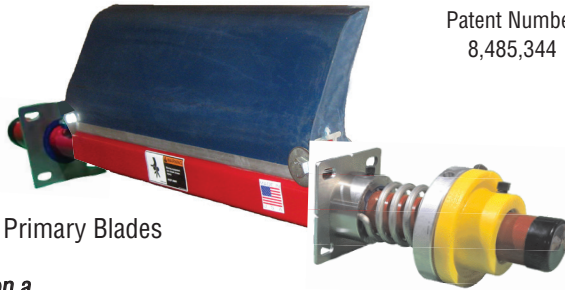
Belt Width	-8 Blade Width	Part Number
24"	16"	ECT4HDCSM24-8
30"	22"	ECT4HDCSM30-8
36"	28"	ECT4HDCSM36-8
42"	34"	ECT4HDCSM42-8
48"	40"	ECT4HDCSM48-8
54"	46"	ECT4HDCSM54-8
60"	52"	ECT4HDCSM60-8
72"	64"	ECT4HDCSM72-8

Replacement Blade
E4M16
E4M22
E4M28
E4M34
E4M40
E4M46
E4M52
E4M64

# PRIMARY CLEANERS/TORSION SYSTEM



## E10XHD SERIES



Patent Number  
8,485,344

### Specifications and Guidelines

**Tensioner Type**  
Eagle Torsion System  
**Blade Height 6"**  
**Pulley Diameter**  
36" Plus (900 mm)

**Mounting Assemblies**  
Stainless Steel  
**Belt Speed**  
Max 1500 FPM (5m/sec)  
**Temperature Rating**  
-30°F to 212°F (-35°C to 100°C)

with 10" Ev-R-Wear™ Primary Blades

All belt cleaners below based on a dual tensioner.

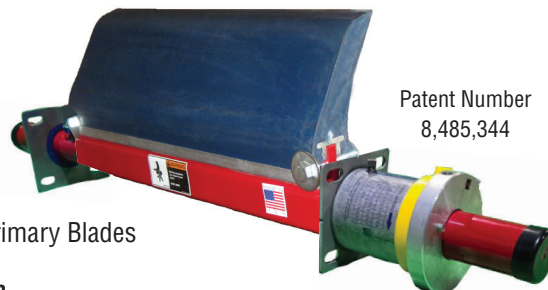
Belt Width	-6 Blade Width	Part Number
24"	18"	E10XHDCDM24-6
30"	24"	E10XHDCDM30-6
36"	30"	E10XHDCDM36-6
42"	36"	E10XHDCDM42-6
48"	42"	E10XHDCDM48-6
54"	48"	E10XHDCDM54-6
60"	54"	E10XHDCDM60-6
72"	66"	E10XHDCDM72-6

Replacement Blade
E10M18
E10M24
E10M30
E10M36
E10M42
E10M48
E10M54
E10M66

Belt Width	-12 Blade Width	Part Number
24"	12"	E10XHDCDM24-12
30"	18"	E10XHDCDM30-12
36"	24"	E10XHDCDM36-12
42"	30"	E10XHDCDM42-12
48"	36"	E10XHDCDM48-12
54"	42"	E10XHDCDM54-12
60"	48"	E10XHDCDM60-12
72"	60"	E10XHDCDM72-12

Replacement Blade
E10M12
E10M18
E10M24
E10M30
E10M36
E10M42
E10M48
E10M60

## ECT10XHD SERIES



Patent Number  
8,485,344

### Specifications and Guidelines

**Tensioner Type**  
Eagle Covered Torsion System  
**Blade Height 6"**  
**Pulley Diameter**  
36" Plus (900 mm)

**Mounting Assemblies**  
Stainless Steel  
**Belt Speed**  
Max 1500 FPM (5m/sec)  
**Temperature Rating**  
-30°F to 212°F (-35°C to 100°C)

with 10" Ev-R-Wear™ Primary Blades

All belt cleaners below based on a dual tensioner.

Belt Width	-6 Blade Width	Part Number
24"	18"	ECT10XHDCDM24-6
30"	24"	ECT10XHDCDM30-6
36"	30"	ECT10XHDCDM36-6
42"	36"	ECT10XHDCDM42-6
48"	42"	ECT10XHDCDM48-6
54"	48"	ECT10XHDCDM54-6
60"	54"	ECT10XHDCDM60-6
72"	66"	ECT10XHDCDM72-6

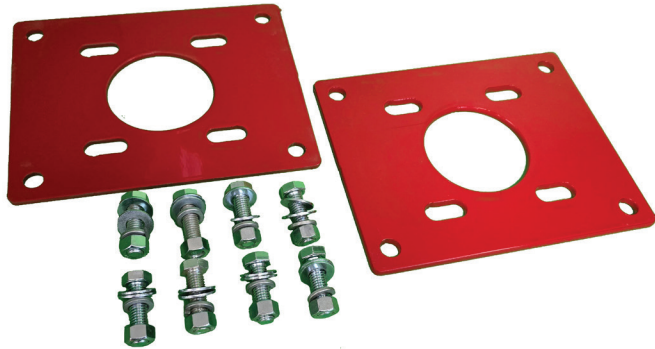
Replacement Blade
E10M18
E10M24
E10M30
E10M36
E10M42
E10M48
E10M54
E10M66

Belt Width	-12 Blade Width	Part Number
24"	12"	ECT10XHDCDM24-12
30"	18"	ECT10XHDCDM30-12
36"	24"	ECT10XHDCDM36-12
42"	30"	ECT10XHDCDM42-12
48"	36"	ECT10XHDCDM48-12
54"	42"	ECT10XHDCDM54-12
60"	48"	ECT10XHDCDM60-12
72"	60"	ECT10XHDCDM72-12

Replacement Blade
E10M12
E10M18
E10M24
E10M30
E10M36
E10M42
E10M48
E10M60

# PRIMARY CLEANER

## INSTALLATION ACCESSORIES



### EAGLE MOUNTING PLATE SET W/HARDWARE

Part Number

ESOB1E4-SET



### EAGLE STAND-OFF BRACKET SET W/HARDWARE

E1/E4 Series  
Belt Cleaners

Part Number

ESOB1E4-SET

E5 Series  
Belt Cleaners

Part Number

ESOB5-SET



### EAGLE EXTENSION BRACKET KIT W/HARDWARE

E1/E4 Series  
Belt Cleaners

Part Number

EEBKIT-E1E4

E5 Series  
Belt Cleaners

Part Number

EEBKIT-E5



### EAGLE EXTENSION PIPE

E1/E4 Series  
Belt Cleaners

Part Number

EPEXT-E1E4

E5 Series  
Belt Cleaners

Part Number

EPEXT-E5



# E7 SECONDARY CLEANERS



## Specifications and Guidelines

### Tensioner Type

Spring Tensioner System

### Belt Speed

Max 1000 FPM (5m/sec)

### Blade Height 5"

### Temperature Rating

-30°F to 212°F (-35°C to 100°C)



*Stainless Steel available upon request.*

## with URETHANE Secondary Blades

Belt Width	Blade Width	EV-R-WEAR Part Number
18"	18"	E7SC-M-UR-18
24"	24"	E7SC-M-UR-24
30"	30"	E7SC-M-UR-30
36"	36"	E7SC-M-UR-36
42"	42"	E7SC-M-UR-42
48"	48"	E7SC-M-UR-48
54"	54"	E7SC-M-UR-54
60"	60"	E7SC-M-UR-60
72"	72"	E7SC-M-UR-72

Replacement Blade
SC-M-UR-18
SC-M-UR-24
SC-M-UR-30
SC-M-UR-36
SC-M-UR-42
SC-M-UR-48
SC-M-UR-54
SC-M-UR-60
SC-M-UR-72

Belt Width	Blade Width	Heat Resistant Part Number
18"	18"	E7SC-H-UR-18
24"	24"	E7SC-H-UR-24
30"	30"	E7SC-H-UR-30
36"	36"	E7SC-H-UR-36
42"	42"	E7SC-H-UR-42
48"	48"	E7SC-H-UR-48
54"	54"	E7SC-H-UR-54
60"	60"	E7SC-H-UR-60
72"	72"	E7SC-H-UR-72

Replacement Blade
SC-H-UR-18
SC-H-UR-24
SC-H-UR-30
SC-H-UR-36
SC-H-UR-42
SC-H-UR-48
SC-H-UR-54
SC-H-UR-60
SC-H-UR-72

## with CARBIDE Secondary Blades

Belt Width	Blade Width	EV-R-WEAR Part Number
18"	18"	E7SC-M-GC-18
24"	24"	E7SC-M-GC-24
30"	30"	E7SC-M-GC-30
36"	36"	E7SC-M-GC-36
42"	42"	E7SC-M-GC-42
48"	48"	E7SC-M-GC-48
54"	54"	E7SC-M-GC-54
60"	60"	E7SC-M-GC-60
72"	72"	E7SC-M-GC-72

Replacement Blade
SC-M-GC-18
SC-M-GC-24
SC-M-GC-30
SC-M-GC-36
SC-M-GC-42
SC-M-GC-48
SC-M-GC-54
SC-M-GC-60
SC-M-GC-72

Belt Width	Blade Width	Heat Resistant Part Number
18"	18"	E7SC-H-GC-18
24"	24"	E7SC-H-GC-24
30"	30"	E7SC-H-GC-30
36"	36"	E7SC-H-GC-36
42"	42"	E7SC-H-GC-42
48"	48"	E7SC-H-GC-48
54"	54"	E7SC-H-GC-54
60"	60"	E7SC-H-GC-60
72"	72"	E7SC-H-GC-72

Replacement Blade
SC-H-GC-18
SC-H-GC-24
SC-H-GC-30
SC-H-GC-36
SC-H-GC-42
SC-H-GC-48
SC-H-GC-54
SC-H-GC-60
SC-H-GC-72

## with AR 400 Secondary Blades

Belt Width	Blade Width	EV-R-WEAR Part Number
18"	18"	E7SC-M-GA-18
24"	24"	E7SC-M-GA-24
30"	30"	E7SC-M-GA-30
36"	36"	E7SC-M-GA-36
42"	42"	E7SC-M-GA-42
48"	48"	E7SC-M-GA-48
54"	54"	E7SC-M-GA-54
60"	60"	E7SC-M-GA-60
72"	72"	E7SC-M-GA-72

Replacement Blade
SC-M-GA-18
SC-M-GA-24
SC-M-GA-30
SC-M-GA-36
SC-M-GA-42
SC-M-GA-48
SC-M-GA-54
SC-M-GA-60
SC-M-GA-72

Belt Width	Blade Width	Heat Resistant Part Number
18"	18"	E7SC-H-GA-18
24"	24"	E7SC-H-GA-24
30"	30"	E7SC-H-GA-30
36"	36"	E7SC-H-GA-36
42"	42"	E7SC-H-GA-42
48"	48"	E7SC-H-GA-48
54"	54"	E7SC-H-GA-54
60"	60"	E7SC-H-GA-60
72"	72"	E7SC-H-GA-72

Replacement Blade
SC-H-GA-18
SC-H-GA-24
SC-H-GA-30
SC-H-GA-36
SC-H-GA-42
SC-H-GA-48
SC-H-GA-54
SC-H-GA-60
SC-H-GA-72

# NS7 SECONDARY CLEANERS



## Specifications and Guidelines

### Tensioner Type

Spring Tensioner System

### Belt Speed

Max 1000 FPM (5m/sec)

### Blade Height 5"

### Temperature Rating

-30°F to 212°F (-35°C to 100°C)



*Stainless Steel available upon request.*

## with URETHANE Secondary Blades

Belt Width	Blade Width	EV-R-WEAR Part Number
18"	18"	NS7SC-M-UR-18
24"	24"	NS7SC-M-UR-24
30"	30"	NS7SC-M-UR-30
36"	36"	NS7SC-M-UR-36
42"	42"	NS7SC-M-UR-42
48"	48"	NS7SC-M-UR-48
54"	54"	NS7SC-M-UR-54
60"	60"	NS7SC-M-UR-60
72"	72"	NS7SC-M-UR-72

Replacement Blade
SC-M-UR-18
SC-M-UR-24
SC-M-UR-30
SC-M-UR-36
SC-M-UR-42
SC-M-UR-48
SC-M-UR-54
SC-M-UR-60
SC-M-UR-72

Belt Width	Blade Width	Heat Resistant Part Number
18"	18"	NS7SC-H-UR-18
24"	24"	NS7SC-H-UR-24
30"	30"	NS7SC-H-UR-30
36"	36"	NS7SC-H-UR-36
42"	42"	NS7SC-H-UR-42
48"	48"	NS7SC-H-UR-48
54"	54"	NS7SC-H-UR-54
60"	60"	NS7SC-H-UR-60
72"	72"	NS7SC-H-UR-72

Replacement Blade
SC-H-UR-18
SC-H-UR-24
SC-H-UR-30
SC-H-UR-36
SC-H-UR-42
SC-H-UR-48
SC-H-UR-54
SC-H-UR-60
SC-H-UR-72

## with CARBIDE Secondary Blades

Belt Width	Blade Width	EV-R-WEAR Part Number
18"	18"	NS7SC-M-GC-18
24"	24"	NS7SC-M-GC-24
30"	30"	NS7SC-M-GC-30
36"	36"	NS7SC-M-GC-36
42"	42"	NS7SC-M-GC-42
48"	48"	NS7SC-M-GC-48
54"	54"	NS7SC-M-GC-54
60"	60"	NS7SC-M-GC-60
72"	72"	NS7SC-M-GC-72

Replacement Blade
SC-M-GC-18
SC-M-GC-24
SC-M-GC-30
SC-M-GC-36
SC-M-GC-42
SC-M-GC-48
SC-M-GC-54
SC-M-GC-60
SC-M-GC-72

Belt Width	Blade Width	Heat Resistant Part Number
18"	18"	NS7SC-H-GC-18
24"	24"	NS7SC-H-GC-24
30"	30"	NS7SC-H-GC-30
36"	36"	NS7SC-H-GC-36
42"	42"	NS7SC-H-GC-42
48"	48"	NS7SC-H-GC-48
54"	54"	NS7SC-H-GC-54
60"	60"	NS7SC-H-GC-60
72"	72"	NS7SC-H-GC-72

Replacement Blade
SC-H-GC-18
SC-H-GC-24
SC-H-GC-30
SC-H-GC-36
SC-H-GC-42
SC-H-GC-48
SC-H-GC-54
SC-H-GC-60
SC-H-GC-72

## with AR 400 Secondary Blades

Belt Width	Blade Width	EV-R-WEAR Part Number
18"	18"	NS7SC-M-GA-18
24"	24"	NS7SC-M-GA-24
30"	30"	NS7SC-M-GA-30
36"	36"	NS7SC-M-GA-36
42"	42"	NS7SC-M-GA-42
48"	48"	NS7SC-M-GA-48
54"	54"	NS7SC-M-GA-54
60"	60"	NS7SC-M-GA-60
72"	72"	NS7SC-M-GA-72

Replacement Blade
SC-M-GA-18
SC-M-GA-24
SC-M-GA-30
SC-M-GA-36
SC-M-GA-42
SC-M-GA-48
SC-M-GA-54
SC-M-GA-60
SC-M-GA-72

Belt Width	Blade Width	Heat Resistant Part Number
18"	18"	NS7SC-H-GA-18
24"	24"	NS7SC-H-GA-24
30"	30"	NS7SC-H-GA-30
36"	36"	NS7SC-H-GA-36
42"	42"	NS7SC-H-GA-42
48"	48"	NS7SC-H-GA-48
54"	54"	NS7SC-H-GA-54
60"	60"	NS7SC-H-GA-60
72"	72"	NS7SC-H-GA-72

Replacement Blade
SC-H-GA-18
SC-H-GA-24
SC-H-GA-30
SC-H-GA-36
SC-H-GA-42
SC-H-GA-48
SC-H-GA-54
SC-H-GA-60
SC-H-GA-72

# E8SC SECONDARY CLEANERS



## Specifications and Guidelines

### Tensioner Type

Spring Tensioner System

### Belt Speed

Max 1000 FPM (5m/sec)

### Blade Height 5"

### Temperature Rating

-30°F to 212°F (-35°C to 100°C)



*Stainless Steel available upon request.*

## with URETHANE Secondary Blades

Belt Width	Blade Width	EV-R-WEAR Part Number
18"	18"	E8SC-M-UR-18
24"	24"	E8SC-M-UR-24
30"	30"	E8SC-M-UR-30
36"	36"	E8SC-M-UR-36
42"	42"	E8SC-M-UR-42
48"	48"	E8SC-M-UR-48
54"	54"	E8SC-M-UR-54
60"	60"	E8SC-M-UR-60
72"	72"	E8SC-M-UR-72

Replacement Blade
SC-M-UR-18
SC-M-UR-24
SC-M-UR-30
SC-M-UR-36
SC-M-UR-42
SC-M-UR-48
SC-M-UR-54
SC-M-UR-60
SC-M-UR-72

Belt Width	Blade Width	Heat Resistant Part Number
18"	18"	E8SC-H-UR-18
24"	24"	E8SC-H-UR-24
30"	30"	E8SC-H-UR-30
36"	36"	E8SC-H-UR-36
42"	42"	E8SC-H-UR-42
48"	48"	E8SC-H-UR-48
54"	54"	E8SC-H-UR-54
60"	60"	E8SC-H-UR-60
72"	72"	E8SC-H-UR-72

Replacement Blade
SC-H-UR-18
SC-H-UR-24
SC-H-UR-30
SC-H-UR-36
SC-H-UR-42
SC-H-UR-48
SC-H-UR-54
SC-H-UR-60
SC-H-UR-72

## with CARBIDE Secondary Blades

Belt Width	Blade Width	EV-R-WEAR Part Number
18"	18"	E8SC-M-GC-18
24"	24"	E8SC-M-GC-24
30"	30"	E8SC-M-GC-30
36"	36"	E8SC-M-GC-36
42"	42"	E8SC-M-GC-42
48"	48"	E8SC-M-GC-48
54"	54"	E8SC-M-GC-54
60"	60"	E8SC-M-GC-60
72"	72"	E8SC-M-GC-72

Replacement Blade
SC-M-GC-18
SC-M-GC-24
SC-M-GC-30
SC-M-GC-36
SC-M-GC-42
SC-M-GC-48
SC-M-GC-54
SC-M-GC-60
SC-M-GC-72

Belt Width	Blade Width	Heat Resistant Part Number
18"	18"	E8SC-H-GC-18
24"	24"	E8SC-H-GC-24
30"	30"	E8SC-H-GC-30
36"	36"	E8SC-H-GC-36
42"	42"	E8SC-H-GC-42
48"	48"	E8SC-H-GC-48
54"	54"	E8SC-H-GC-54
60"	60"	E8SC-H-GC-60
72"	72"	E8SC-H-GC-72

Replacement Blade
SC-H-GC-18
SC-H-GC-24
SC-H-GC-30
SC-H-GC-36
SC-H-GC-42
SC-H-GC-48
SC-H-GC-54
SC-H-GC-60
SC-H-GC-72

## with AR 400 Secondary Blades

Belt Width	Blade Width	EV-R-WEAR Part Number
18"	18"	E8SC-M-GA-18
24"	24"	E8SC-M-GA-24
30"	30"	E8SC-M-GA-30
36"	36"	E8SC-M-GA-36
42"	42"	E8SC-M-GA-42
48"	48"	E8SC-M-GA-48
54"	54"	E8SC-M-GA-54
60"	60"	E8SC-M-GA-60
72"	72"	E8SC-M-GA-72

Replacement Blade
SC-M-GA-18
SC-M-GA-24
SC-M-GA-30
SC-M-GA-36
SC-M-GA-42
SC-M-GA-48
SC-M-GA-54
SC-M-GA-60
SC-M-GA-72

Belt Width	Blade Width	Heat Resistant Part Number
18"	18"	E8SC-H-GA-18
24"	24"	E8SC-H-GA-24
30"	30"	E8SC-H-GA-30
36"	36"	E8SC-H-GA-36
42"	42"	E8SC-H-GA-42
48"	48"	E8SC-H-GA-48
54"	54"	E8SC-H-GA-54
60"	60"	E8SC-H-GA-60
72"	72"	E8SC-H-GA-72

Replacement Blade
SC-H-GA-18
SC-H-GA-24
SC-H-GA-30
SC-H-GA-36
SC-H-GA-42
SC-H-GA-48
SC-H-GA-54
SC-H-GA-60
SC-H-GA-72

# SECONDARY CLEANERS

## Specifications and Guidelines

### Tensioner Type

Hand Tensioner

### PolyStar Diameter 8"

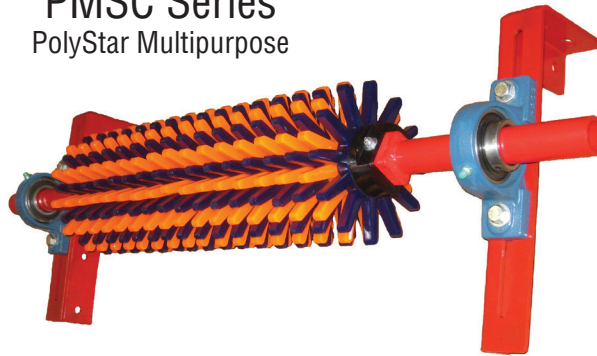
### Belt Speed

Max 1000 FPM (5m/sec)

### Temperature Rating

-30°F to 212°F (-35°C to 100°C)

## PMSC Series PolyStar Multipurpose



Belt Width	Part Number
18"	PMSC18
24"	PMSC24
30"	PMSC30
36"	PMSC36
42"	PMSC42
48"	PMSC48
54"	PMSC54
60"	PMSC60
72"	PMSC72

## Specifications and Guidelines

### Tensioner Type

Hand Tensioner

### PolyStar Diameter 8"

### Belt Speed

Max 1000 FPM (5m/sec)

### Temperature Rating

-30°F to 212°F (-35°C to 100°C)

## PMDSC Series

PolyStar Multipurpose w/Access Door

Bracket is designed into the access door for easy adjustment and maintenance.



Belt Width	Part Number
18"	PMDSC18
24"	PMDSC24
30"	PMDSC30
36"	PMDSC36
42"	PMDSC42
48"	PMDSC48
54"	PMDSC54
60"	PMDSC60
72"	PMDSC72

## Specifications and Guidelines

### Tensioner Type

Self Adjusting

### Blade Height 4" or 6"

### Belt Speed

Max 1000 FPM (5m/sec)

### Temperature Rating

-30°F to 212°F (-35°C to 100°C)

## E3 VPlow Series



Belt Width	Part Number w/4" Blade	Belt Width	Part Number w/6" Blade
18"	E3VP18-4	18"	E3VP18-6
24"	E3VP24-4	24"	E3VP24-6
30"	E3VP30-4	30"	E3VP30-6
36"	E3VP36-4	36"	E3VP36-6
42"	E3VP42-4	42"	E3VP42-6
48"	E3VP48-4	48"	E3VP48-6
54"	E3VP54-4	54"	E3VP54-6
60"	E3VP60-4	60"	E3VP60-6
72"	E3VP72-4	72"	E3VP72-6

## Specifications and Guidelines

### Tensioner Type

Self Adjusting

### Blade Height 4" or 6"

### Belt Speed

Max 1000 FPM (5m/sec)

### Temperature Rating

-30°F to 212°F (-35°C to 100°C)

## E9 Diagonal Series



Belt Width	Part Number w/4" Blade	Belt Width	Part Number w/6" Blade
18"	E9DP18-4	18"	E9DP18-6
24"	E9DP24-4	24"	E9DP24-6
30"	E9DP30-4	30"	E9DP30-6
36"	E9DP36-4	36"	E9DP36-6
42"	E9DP42-4	42"	E9DP42-6
48"	E9DP48-4	48"	E9DP48-6
54"	E9DP54-4	54"	E9DP54-6
60"	E9DP60-4	60"	E9DP60-6
72"	E9DP72-4	72"	E9DP72-6

# U-FLEX™ SECONDARY CLEANER

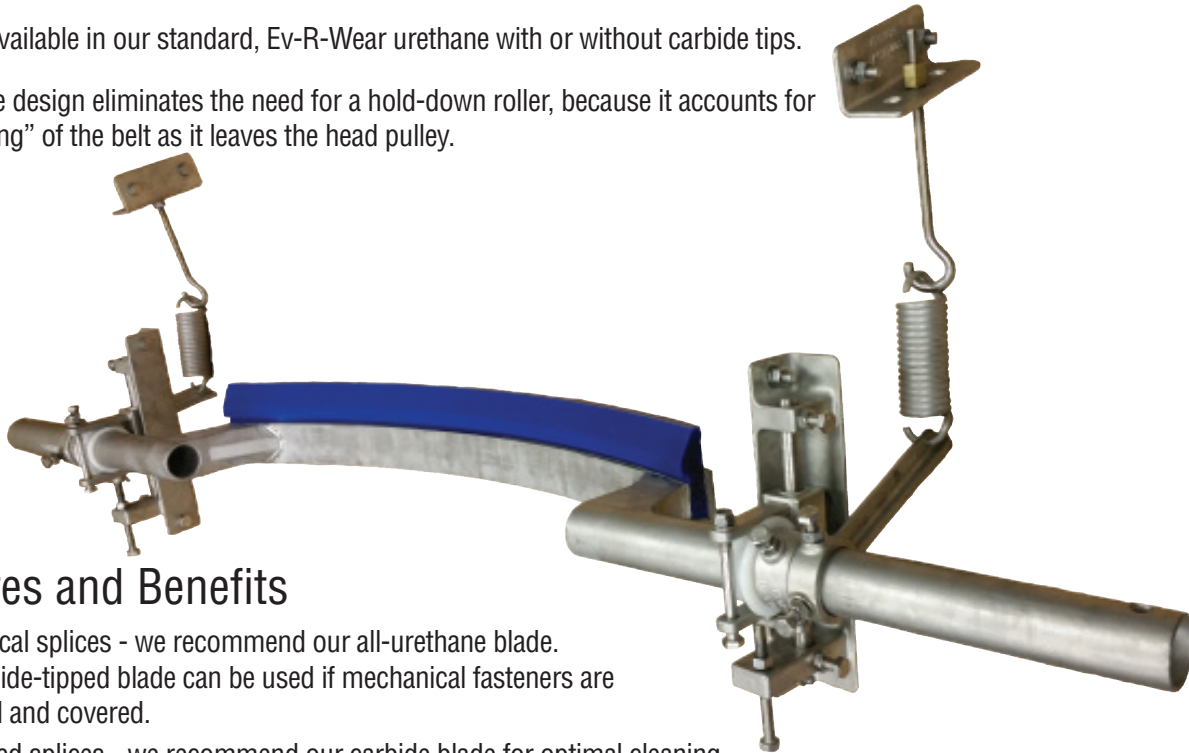
## Flex Means Conform-ability

Introducing AEM's new U-Flex option for secondary cleaner placement!

The curved blade is tailor-made to conform to the surface of the belt, and with AEM's proven Ev-R-Wear urethane formula, even the stickiest of materials will not cling.

U-Flex is available in our standard, Ev-R-Wear urethane with or without carbide tips.

The unique design eliminates the need for a hold-down roller, because it accounts for the "cupping" of the belt as it leaves the head pulley.



## Features and Benefits

- Mechanical splices - we recommend our all-urethane blade. Our carbide-tipped blade can be used if mechanical fasteners are recessed and covered.
- Vulcanized splices - we recommend our carbide blade for optimal cleaning.
- Easy blade replacement.

## U-Flex™ Belt Cleaner with Carbide Blade

Belt Width	AEM Part Number	Weight
24"	EUFSC-M-GC-24	121
30"	EUFSC-M-GC-30	130
36"	EUFSC-M-GC-36	136
42"	EUFSC-M-GC-42	148
48"	EUFSC-M-GC-48	155
54"	EUFSC-M-GC-54	161
60"	EUFSC-M-GC-60	169
66"	EUFSC-M-GC-66	189
72"	EUFSC-M-GC-72	226
84"	EUFSC-M-GC-84	241

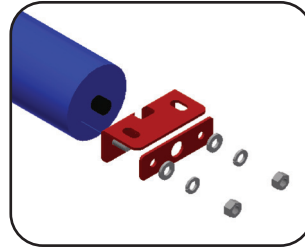
## U-Flex™ Belt Cleaner with Urethane Blade

Belt Width	BETTER OPTION Ev-R-Wear™		FOOD GRADE WHITE-FLEX™	
	AEM Part Number		AEM Part Number	Weight
24"	EUFSC-M-UR-24		EUFSC-W-UR-24	105
30"	EUFSC-M-UR-30		EUFSC-W-UR-30	113
36"	EUFSC-M-UR-36		EUFSC-W-UR-36	119
42"	EUFSC-M-UR-42		EUFSC-W-UR-42	125
48"	EUFSC-M-UR-48		EUFSC-W-UR-48	133
54"	EUFSC-M-UR-54		EUFSC-W-UR-54	140
60"	EUFSC-M-UR-60		EUFSC-W-UR-60	148
66"	EUFSC-M-UR-66		EUFSC-W-UR-66	162
72"	EUFSC-M-UR-72		EUFSC-W-UR-72	210
84"	EUFSC-M-UR-84		EUFSC-W-UR-84	235

# SECONDARY CLEANER ACCESSORIES

## Hold Down Roller

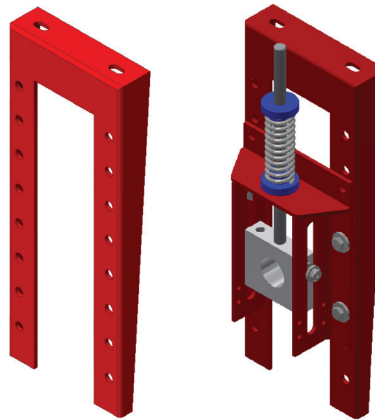
A hold down roller is required when the belt is cupping off the head pulley or when the secondary cleaner is over 10" from head pulley.



Belt Width	5" Roller with Brackets	6" Roller with Brackets
24"	EHDR5-24	EHDR6-24
30"	EHDR5-30	EHDR6-30
36"	EHDR5-36	EHDR6-36
42"	EHDR5-42	EHDR6-42
48"	EHDR5-48	EHDR6-48
54"	EHDR5-54	EHDR6-54
60"	EHDR5-60	EHDR6-60
72"	EHDR5-72	EHDR6-72

## Mounting Bracket for E8 Series

Our mounting bracket will allow you to mount our E8SC series belt cleaner in an area where there is no chute wall or where more room is required for proper belt cleaner installation.



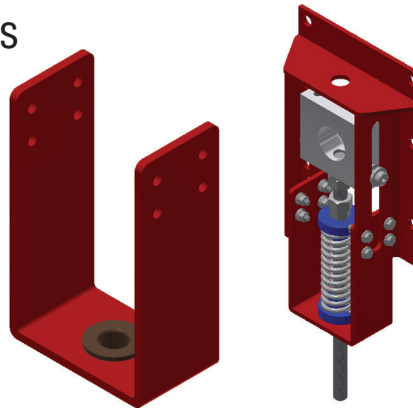
Part Number	Size
E8SCMB24	24"

(set of 2)

E8SC Belt Cleaner  
not included

## Bottom Mounting Bracket for E8 Series

Our bottom mounting bracket is designed to retrofit an existing E8SC series belt cleaner to be tensioned from the bottom.



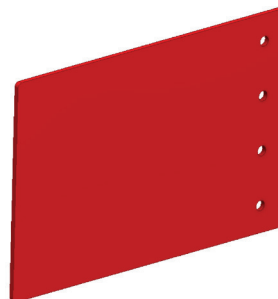
Part Number	Size
E8SCBMB	8"

(set of 2)

E8SC Belt Cleaner  
not included

## Eagle Mounting Plate or Chute Patch

This low cost Mounting Plate provides easy installation of primary cleaners without chute walls. It also can be used as a chute patch for new installation of primary or secondary cleaners.



Part Number	Size
EMP1218	12"x18"

(set of 2)

# BELT ALIGNMENT

## Eagle Beater Roller



Designed to Fit Standard CEMA Rollers  
4" - 5" - 6"

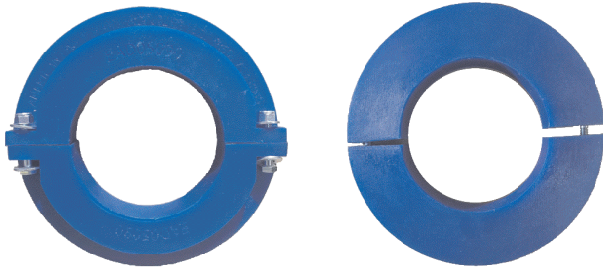
### BENEFITS

- Cost - effective
- Works wide flat or low profile cleated belts
- Easy to Fit
- Maintenance Free



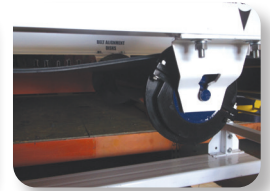
## Eagle Alignment Disks

Eagle Alignment Disks are designed to protect a mistracking belt from rubbing against a conveyor frame work, guarding against any side damage. This will extend the life of your belt and help reduce both side tear and premature belt failures.



*Product is best suited for lightweight belts that are no more than 1/2" thick and 42" wide.*

Part Number	Idler O.D.	Disk O.D.
EAD04090	4	9
EAD45090	4-1/2	9
EAD05090	5	9
EAD05012	5	12
EAD06090	6	9
EAD06012	6	12



## Eagle Belt Guide Rollers

The Eagle Belt Guide Roller is built to do two jobs - assist in belt tracking and eliminate the chance of severe belt edge damage. As with everything we do, we want our products to make your job easier and make your conveyor run more smoothly.



### ANGLE BRACKET KIT EBGR-7-90



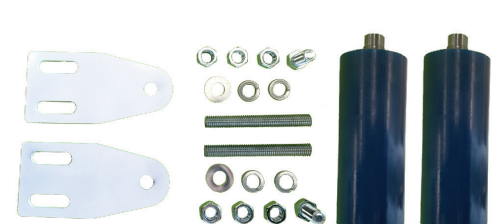
ITEM NUMBER	WT.
EBGR-7-90	12lbs

### REPLACEMENT ROLLER KIT EBGR-7-RO



ITEM NUMBER	WT.
EBGR-7-RO	9lbs

### FLAT BRACKET KIT EBGR-7-FL



ITEM NUMBER	WT.
EBGR-7-FL	12lbs

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