



# E1HP Series

## Primary Belt Cleaner

**Cleaners 18-96" Belt Width**  
**Standard Blades -2 & -8 Belt Width**

**Blade**  
**Height**  
**6<sup>5</sup>/<sub>8</sub>**

### **EAGLE TORSION SYSTEM**

This revolutionary design is the simplest and most accurate tensioning system on the market. Only 4 components make up the Eagle Torsion System.

- ✦ Universal torsion mounting bracket
- ✦ Stainless steel spring
- ✦ Eagle torsion ring
- ✦ Tension indicator ring



**2<sup>3</sup>/<sub>8</sub> OD Schedule 80**  
**Mounting Tube Powder Coated**

**EASY TO SET AND**  
**STAYS SET**

**AVAILABLE IN ALL**  
**STAINLESS STEEL**

**Patent Number 8,485,344 B1**

### **Features and Benefits**

#### **UNIVERSAL MOUNTING BRACKET**

- ✦ Elongated holes allow for easy alignment of installation.
- ✦ Patented tensioning system allows constant blade pressure to belt.
- ✦ Set screw that allows pre-tensioning of cleaner.

### **Ev-R-wear™ Blade**

Our special formulated urethane with additives has been tested and proven to last longer than any other blade on the market.

- ✦ Premium urethane
- ✦ Additive for lubricity (non-stick)
- ✦ Additive for high abrasion

“With over 35 years molding experience.”

Note: After choosing proper belt cleaner size, please read installation manual for installation checklist to confirm any additional items that may be needed to install belt cleaner on conveyor.

Designed with your maintenance personnel's time in mind!

[www.americaneaglemanufacturing.com](http://www.americaneaglemanufacturing.com)

866-713-8985

CAT11-E1HP

# E1HP mine duty Primary Belt Cleaner

## Specifications and Guidelines

### Belt Speed

Max 1200 FPM (5m/sec)

### Temperature Rating

-30°F to 212°F (-35°C to 100°C)

### Belt Widths Available

18" to 96" (450 to 2400 mm)

### Pulley Diameter

24" + (600 mm+)

### Tensioner Type

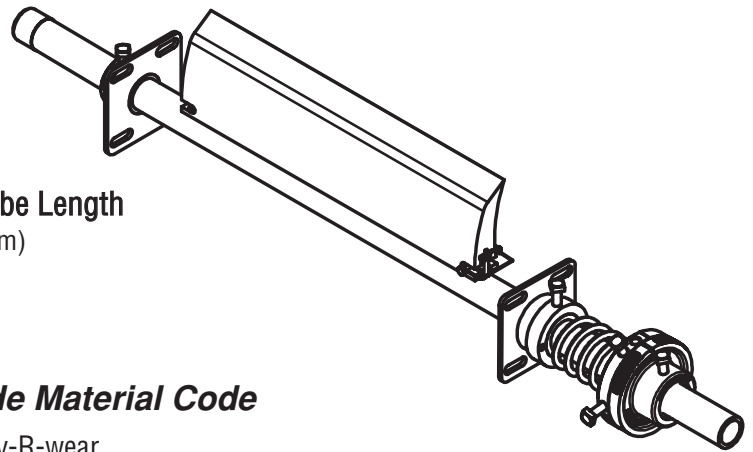
Eagle Torsion System

### Blade Height

6-5/8"

### Overall Mounting Tube Length

Belt width +40" (1016mm)  
(Custom lengths upon request)



### Blade Material Code

- M** - Ev-R-wear
- U** - Standard
- C** - Chemical
- H** - High Heat (Max 240°F/115°C)
- W** - Food Grade (Pure White)

Material meets FDA criteria for the following:  
CFR21.177.1680

## Ordering Part Number

### NOMENCLATURE

#### Cleaner Series

**E1HP**

*For All Stainless Steel  
Construction add SS  
to cleaner series*  
**E1HPSS**

**CS**

#### Tensioner Quantity

**CS** - Single Tensioner  
Recommend 60" & below

**CD** - Double Tensioner  
Recommend 72" & above

**M**

#### Blade Material Code

**36**

#### Belt Width

18 48  
24 54  
30 60  
36 72  
42 84  
96

Our blades come  
-2 belt width unless  
otherwise specified



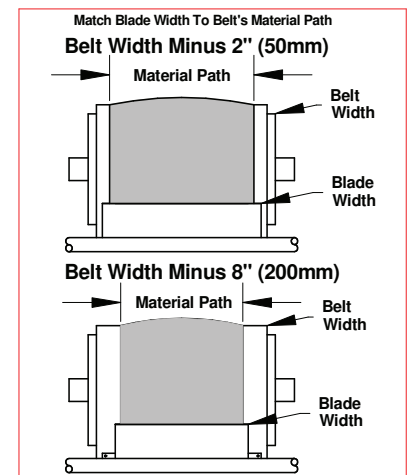
#### Alternative

**-8**

Use a -8 blade when material path is much less than the belt width. This will allow the blade to wear evenly and last longer.

## Blade Width & Replacement Numbers

| Belt Width |        | Belt Width -2" (50mm) |         |          | Belt Width -8" (200mm) |        |          |
|------------|--------|-----------------------|---------|----------|------------------------|--------|----------|
| in.        | mm.    | in.                   | mm.     | Part No. | in.                    | mm.    | Part No. |
| 18         | 457.2  | 16                    | 406.4   | E1M16    | 10                     | 254    | E1M10    |
| 24         | 609.2  | 22                    | 558.8   | E1M22    | 16                     | 406.4  | E1M16    |
| 30         | 762    | 28                    | 711.2   | E1M28    | 22                     | 558.8  | E1M22    |
| 36         | 914.4  | 34                    | 863.6   | E1M34    | 28                     | 711.2  | E1M28    |
| 42         | 1066.8 | 40                    | 1016    | E1M40    | 34                     | 863.6  | E1M34    |
| 48         | 1219.2 | 46                    | 1168.40 | E1M46    | 40                     | 1016   | E1M40    |
| 54         | 1371.6 | 52                    | 1320.8  | E1M52    | 46                     | 1168.4 | E1M46    |
| 60         | 1524   | 58                    | 1473.2  | E1M58    | 52                     | 1320.8 | E1M52    |
| 72         | 1828.8 | 70                    | 1778    | E1M70    | 64                     | 1625.6 | E1M64    |
| 84         | 2133.6 | 82                    | 2082.8  | E1M82    | 76                     | 1930.4 | E1M76    |
| 96         | 2438.4 | 94                    | 2387.6  | E1M94    | 88                     | 2235.2 | E1M88    |



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