Conveyor Safety Equipment

Providing the World Bulk Material Handling Industry with Productive, Safe and Reliable “Complete Conveyor Solutions.”

Conveyor Safety Equipment
**Safe-Guard® Return Idler Guard**

ASGCO® has long recognized the importance of ensuring safety in the workplace. The patented Safe-Guard® Return Idler Guard was designed to prevent injuries from pinch points and to catch the return idler if it should fail.

- UV Resistant - made from UHMW, will not corrode, or wear from abrasion.
- Stainless Steel Pins - gives easy access to drop and open the side of the cage for maintenance.
- Mounting Hardware - made from powder coated A-36 steel. Retrofits to most CEMA return idler bolt patterns.
- Universal Mounting Brackets - can be used with CEMA B, C, D and E idlers up to 7" in diameter with either 1 1/2" to 6" drop brackets.
- Durable UHMW Slotted Cage - helps prevent material buildup and is easy to clean out. For easy access simply remove the stainless steel pins to drop open the side of the cage for maintenance.

<table>
<thead>
<tr>
<th>Safe-Guard® Return Idler Guard</th>
<th>Part Number</th>
<th>Belt Width</th>
<th>WT Lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-ASG-RIG-18</td>
<td>18&quot;</td>
<td>12</td>
<td></td>
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<tr>
<td>M-ASG-RIG-24</td>
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<td>M-ASG-RIG-30</td>
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<td>M-ASG-RIG-84</td>
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<td></td>
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</tbody>
</table>

**Safe-Guard® Heavy Duty Return Idler Guard**

The Safe-Guard® line has now expanded to work with CEMA E & F Return Idlers. This guard can be fully adjusted to fit idler and belt width up to 96”.

- UV Resistant - made from UHMW, will not corrode, or wear from abrasion.
- Protection - Cage provides complete pinch point protection and catches the cover if it breaks away from the brackets.
- Mounting Hardware - made from powder coated A-36 steel. Retrofits to most CEMA return idler bolt patterns.
- Durable UHMW Slotted Cage - helps prevent material buildup and is easy to clean out. For easy access simply remove the stainless steel pins to drop open the side of the cage for maintenance.
- New Robust Design - with a transverse support to prevent bending.

<table>
<thead>
<tr>
<th>Safe-Guard® Heavy Duty Idler Guard</th>
<th>Part Number</th>
<th>Belt Width</th>
<th>WT Lbs</th>
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<td>M-ASG-RIG-HD-96</td>
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</table>

**Safe-Guard® V-Return Idler Guard**

The Safe-Guard® V-Return Idler Guard fits standard v-return idlers and protects workers and equipment from taking idlers and from dangerous pinch points between rotating idlers and moving belt.

- UV Resistant - made from UHMW, will not corrode, or wear from abrasion.
- Mounting Hardware - made from powder coated A-36 steel. Retrofits to most CEMA return idler bolt patterns.
- Durable UHMW Slotted Cage - helps prevent material buildup and is easy to clean out. For easy access simply remove the stainless steel pins to drop open the side of the cage for maintenance.
- Heavy-Duty Steel Construction - Fully adjustable to fit idler and belt width up to 96”.
- Fits CEMA - E & F return idler brackets.

<table>
<thead>
<tr>
<th>Safe-Guard® V-Return Idler Guard</th>
<th>Part Number</th>
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</thead>
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<tr>
<td>M-ASG-RIG-LV84</td>
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<tr>
<td>M-ASG-RIG-LV96</td>
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</tr>
</tbody>
</table>

**Note:** Page 6 for Safe-Guard® OSHA & MSHA Compliance
Safe-Guard® Return Roll Changer

The patent pending Safe-Guard® Return Roll Changer allows you to remove and replace a roller from a single side of the conveyor and/or from whichever side the calls are located.

- Universal Mounting - can be mounted on either side of the conveyor.
- One Side Return Roller Access - allows removal and replacement from a single side of a conveyor.
- Pinch Point Protection - to prevent injuries.
- Reduces Maintenance Time - for roller replacement.
- Eliminates Need for High Lift Equipment.
- All Steel Construction - industrial grade powder coated finish.
- Can Be Customized - to fit any manufacturer’s roller.

**Safe-Guard® Return Roll Changer**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Belt Width</th>
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</thead>
<tbody>
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<td>24&quot; 800</td>
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<td>30&quot; 880</td>
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<tr>
<td>ASR-GRC-37</td>
<td>42&quot; 1070</td>
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<tr>
<td>ASR-GRC-38</td>
<td>48&quot; 1300</td>
</tr>
<tr>
<td>ASR-GRC-40</td>
<td>54&quot; 1800</td>
</tr>
<tr>
<td>ASR-GRC-41</td>
<td>60&quot; 1500</td>
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<tr>
<td>ASR-GRC-42</td>
<td>70&quot; 1800</td>
</tr>
<tr>
<td>ASR-GRC-44</td>
<td>84&quot; 2400</td>
</tr>
</tbody>
</table>

For Universal Mounting - can be mounted on either side of the conveyor system.

Easy to change out from either side of the conveyor.

Safe-Guard® Return Idler Cage

The Safe-Guard® Return Idler Cage was designed to catch the return roller applications from falling, preventing injuries to workers and to equipment.

- Prevents Idlers from Falling - and injuring workers or equipment.
- Easy to Install and Remove - for fast installation and belt maintenance using beam clamp, lens and adjustable chark.
- Durable Powder Coated A-36 Steel Cage - helps prevent injuries from falling idlers onto unsupporting workers or equipment.
- Open skin prevent material build-up.
- Available in Various Sizes - to fit most belt conveyors, 4" - 7" diameter rolls.
- No Welding Required.

Complies with MSHA Title 30
- 5614110 (Felling or falling material)
- 5614112 (Guard Construction)
- 5614107 (Moving machine parts)
- 751722 (Mechanical equipment guards)
- 774000 (Mechanical equipment guards)

Safe-Guard® Return Tracker Idler Cage

Designed to protect conventional tracking idlers throughout the market.

- Wider Profile - to accept various brands of belt tracking idlers,
- Prevents Idlers from Falling - and injuring workers or equipment.
- Easy to Install and Remove - for fast installation and belt maintenance using beam clamp, lens and adjustable chark.
- Durable Powder Coated A-36 Steel Cage - helps prevent injuries from falling idlers onto unsupporting workers or equipment.
- Open skin prevent material build-up.
- No Welding Required.

Complies with MSHA Title 30
- 5614110 (Felling or falling material)
- 5614112 (Guard Construction)
- 5614107 (Moving machine parts)
- 751722 (Mechanical equipment guards)
- 774000 (Mechanical equipment guards)
**Safe-Guard® Modular Conveyor Flat Guard**

The Safe-Guard® Modular Conveyor Flat Guard is a modular powder coated all steel guard that is typically mounted to the conveyor steel to guard against moving equipment and protect workers from injury. They are pre-engineered panels that install easily and prevent workers from unauthorized access and away from moving parts and equipment.

**Quick and Modular Set-Up**
- Available in various standard and custom sizes.
- Drop in / wedge clamps holds the guard securely.
- Shipped complete with mounting kit for quick assembly.
- Custom guards, floor posts and rail assemblies available

**Wedge Clamps**
The Safe-Guard® Wedge Clamps allow for easy removal of panels. Use of a cable tie in the closed position meets MSHA and OSHA safety standards.

**Effective**
- Safety yellow powder coated steel for high visibility.
- Designed for use on multiple safety locations.
- Keeps workers away from moving parts and pinch points.

**Regulation**
The installation of safety-oriented products can help create a safer plant that is easier to service and maintain.

**Compliant**
- Meets MSHA and OSHA Safety Standards.

*Custom sizes and patterns are available*

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**Safe-Guard® Chute Inspection Doors**

Chute Inspection and Access Doors are a necessary part of any material handling system. Add an inspection door to your existing head chute for access to cleanouts, chute clean-outs, and blade change-outs.

- **Low Profile Steel Construction** - available in powder coated or zinc plated.
- **Safety Inspection Screen Guard** standard on every door for the ability to satisfy inspection equipment while it is running. Complies with ANSI B25.1 1984 and ISO 1819-02.1,1.1.
- **Re-designed Frame** - has a 45 degree flange to shed fines from accumulating on the motor of the door.
- **EPDM Dust Seal** - can withstand temperatures from -40 degrees F to 200 degrees F.
- **Options to Fit Conditions** - Materials to match conditions, including food-grade applications.
- **Quick and easy installation.**
- **Custom Sizes Available.**

**Compliant**
- Meets MSHA and OSHA Safety Standards.

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**Safe-Grip® Conveyor Belt Clamps**
The Safe-Grip® Conveyor Belt Clamps are a patent pending positive tensioning system that applies even tension across the entire width of the conveyor belt. The center-lightening system is key to applying correct, even tension to the belt.

- **Safe Design** - by applying even tension across the entire width of the conveyor belt, preventing the gripping bars from bowing in the center lines other conventional belt clamps.
- **Versatile** - clamps and gripping bars can accommodate a variety of belt widths, thicknesses and working conditions.
- **Constructed** - from heat treated extruded aluminum, with horizontal friction grooves along the length of each extruded bar.
- **Available In** - BCS (6 Tons) and BCR (8 Tons)

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**Table: Safe-Guard® Standard Conveyor Chute Inspection Door**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Size Description</th>
<th>Wt. Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA-SGC-SD-12x12</td>
<td>12” x 12”</td>
<td>10</td>
</tr>
<tr>
<td>MA-SGC-SD-18x18</td>
<td>18” x 18”</td>
<td>14</td>
</tr>
<tr>
<td>MA-SGC-SD-18x24</td>
<td>18” x 24”</td>
<td>20</td>
</tr>
</tbody>
</table>

**Table: Safe-Guard® Heavy Duty Conveyor Chute Inspection Door**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Size Description</th>
<th>Wt. Lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA-SGC-HD-12x18</td>
<td>12” x 18”</td>
<td>25</td>
</tr>
<tr>
<td>MA-SGC-HD-18x24</td>
<td>18” x 24”</td>
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<tr>
<td>MA-SGC-HD-24x30</td>
<td>24” x 30”</td>
<td>50</td>
</tr>
<tr>
<td>MA-SGC-HD-30x36</td>
<td>30” x 36”</td>
<td>68</td>
</tr>
</tbody>
</table>

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**Screen Guard - Standard on every door for safety equipment inspection**

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**Safe-Grip® BCS (8 Ton)**

**Safe-Grip® BCR (8 Ton)**

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**45° Flange on the interior of the door which lines that accumulate**

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**Engineering and Design**

- Designed to properly remove a conveyor belt and clamp up to the safe conveyor recommendations.
**Safe-Guard® Modular Conveyor Flat Guard**

The Safe-Guard® Modular Conveyor Flat Guard is a modular powder coated all steel guard that is typically mounted to the conveyor steel to guard against moving equipment and protect workers from injury. They are pre-engineered panels that install easily and prevent workers from unauthorized access and away from moving parts and equipment.

Quick and Modular Set-Up
- Available in various standard and custom sizes.
- Drop-in / wedge clamps hold the guard securely.
- Shipped complete with mounting kit for quick assembly.
- Custom guards, floor posts and rail assemblies available.

Wedge Clamps
The Safe-Guard® Wedge Clamps allow for easy removal of panels. Use of a cable tie in the clamped portion meets MSHA and OSHA safety standards.

Effective
- Safety yellow powder coated steel for high visibility.
- Designed for use on multiple safety locations.
- Keeps workers away from moving parts and pinch points.

Regulation
The installation of safety-oriented products can help create a safer plant that is easier to service and maintain.

Compliant
- Meets MSHA and OSHA Safety Standards.

---

**Safe-Guard® Chute Inspection Doors**

Chute Inspection and Access Doors are a necessary part of any material handling system. Add an inspection door to your existing head chute for access to cleanouts, for chute clean-out, and blade change-outs.

- Low Profile Steel Construction - available in powder coated or zinc plated.
- Safety Inspection Screen Guard - standard on every door for the ability to safely inspect equipment while it is running.
- Inspected to ANSI B59.1 and ISO 1918-02.1,11.
- Re-designed Frame - has a 45 degree flange to shed fines from accumulating on the interior of the door.
- EPDM Dust Seal - can withstand temperatures from -40 degrees F to 250 degrees F.
- Options to Fit Conditions: Materials to match conditions, including food-grade applications.
- Quick and easy installation.
- Custom sizes available.

**Safe-Guard® Standard Conveyor Chute Inspection Door**

- Part Number: Size Description
  - MA-SSG-900-1212: 12” x 12” 10
  - MA-SSG-900-1218: 12” x 18” 14
  - MA-SSG-900-1824: 18” x 24” 20

**Safe-Guard® Heavy Duty Conveyor Chute Inspection Door**

- Part Number: Size Description
  - MA-SSG-900HD-1218: 12” x 18” 25
  - MA-SSG-900HD-1824: 18” x 24” 40
  - MA-SSG-900HD-2436: 24” x 36” 68

Compliant: Meets MSHA and OSHA Safety Standards.

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**Safe-Grip® Conveyor Belt Clamps**

The Safe-Grip® Conveyor Belt Clamps are a patented positive tensioning system that applies even tension across the entire width of the conveyor belt. The center tightening system is key to applying correct, even tension to the belt.

- Safe Design - by applying even tension across the entire width of the conveyor belt, preventing the gripping bars from clogging in the center like other conventional belt clamps.
- Versatile - clamps and gripping bars can accommodate a variety of belt widths, thicknesses and working conditions.
- Constructed from heat treated extruded aluminum, with horizontal traction grooves along the length of each extruded bar.
- Available in - BCS (6 Tons) and BCR (8 Tons).

**Safe-Grip® BCS (6 Ton)**

Engineered and designed to properly secure a conveyor belt and clamp in the safe conveyor instructions.

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**Conveyor Safety Equipment**

- Stainless Steel - Standard on every door for safe equipment inspection.

**40” Rang on the interior of the door where fines can accumulate.**

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**Conveyor Safety Equipment**

**Screen Guard - Standard on every door for safe equipment inspection.**

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**Conveyor Safety Equipment**

- Stainless Steel - Standard on every door for safe equipment inspection.

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**Conveyor Safety Equipment**

- Stainless Steel - Standard on every door for safe equipment inspection.

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**Conveyor Safety Equipment**

- Stainless Steel - Standard on every door for safe equipment inspection.

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**Conveyor Safety Equipment**

- Stainless Steel - Standard on every door for safe equipment inspection.
Safe-Guard® Return Roll Changer

The patent pending Safe-Guard® Return Roll Changer allows you to remove and replace a roll or from a single side of the conveyor and/or from whichever side the catwalk is located.

- Universal Mounting - can be mounted on either side of the conveyor.
- One Side Return Roller Access - allows removal and replacement from a single side of the conveyor.
- Pinch Point Protection - to prevent injuries.
- Reduces Maintenance Time - for roller replacement.
- Eliminates Need for High Lift Equipment.
- All Steel Construction - industrial grade powder coated finish.
- Can Be Customized - to fit any manufacturer’s roller.

![Safe-Guard® Return Roll Changer Diagram](image)

**Safe-Guard® Return Idler Cage**

The Safe-Guard® Return Idler Cage was designed to catch the return roller applications from falling, preventing injuries to workers and to equipment. The Safe-Guard® Idler Cage is a cost effective, long lasting solution to your conveyor guarding needs.

- Prevents Idlers from Falling - and injuring workers or equipment.
- Easy to Install and Remove - for fast installation and belt maintenance using beam clamp, lugs and adjustable chain.
- Durable Powder Coated A-36 Steel Cage - helps prevent injuries from falling idlers onto unsuspending workers or equipment.
- Open Side prevents material build-up.
- Available in Various Sizes - to fit most belt conveyors, 4” - 7” diameter rolls.
- No Welding Required.

Complies with MSHA Title 30

- 56,14110 [Falling or falling material]
- 56,14112 [Guard Construction]
- 56,14107 [Moving machine parts]
- 75,1722 [Mechanical equipment guards]
- 77,400 [Mechanical equipment guards]

![Safe-Guard® Return Idler Cage Diagram](image)

**Safe-Guard® Return Tracker Idler Cage**

Designed to protect conventional tracking idlers throughout the market.

- Wider Profile - to accept various brands of belt tracking idlers.
- Prevents Idlers from Falling - and injuring workers or equipment.
- Easy to Install and Remove - for fast installation and belt maintenance using beam clamp, lugs and adjustable chain.
- Durable Powder Coated A-36 Steel Cage - helps prevent injuries from falling idlers onto unsuspending workers or equipment. Open Side prevents material build-up.
- No Welding Required.

Complies with MSHA Title 30

- 56,14110 [Falling or falling material]
- 56,14112 [Guard Construction]
- 56,14107 [Moving machine parts]
- 75,1722 [Mechanical equipment guards]
- 77,400 [Mechanical equipment guards]

![Safe-Guard® Return Tracker Cage Diagram](image)
CONVEYOR SAFETY EQUIPMENT

**Safe-Guard® Return Idler Guard**

ASGCO® has long recognized the importance of ensuring safety in the workplace. The patented Safe-Guard® Return Idler Guard was designed to prevent injuries from pinch points and to catch the return idler if it should fall.

- UV Resistant - made from UHMW, will not corrode, or wear from abrasion,
- Stainless Steel Pins - gives easy access to drop and open the side of the cage for maintenance,
- Mounting Hardware - made from powder coated A-36 steel. Retrofits to most CEMA return idler bolt patterns,
- Universal Mounting Brackets - can be used with CEMA B, C, D and E idlers up to 7” in diameter with either 1 1/8” to 6” drop brackets,
- Durable UHMW Slotted Cage - helps prevent material buildup and is easy to clean out. For easy access simply remove the stainless steel pins to drop open the side of the cage for maintenance.

<table>
<thead>
<tr>
<th>Safe-Guard® Return Idler Guard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part Number</td>
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<tr>
<td>M-ASG-RIG-24</td>
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<tr>
<td>M-ASG-RIG-72</td>
</tr>
<tr>
<td>M-ASG-RIG-84</td>
</tr>
</tbody>
</table>

**Safe-Guard® Heavy Duty Return Idler Guard**

The Safe-Guard® Line has now expanded to work with CEMA E & F return idlers. This guard can be fully adjustable to fit idler and belt width up to 96”.

- UV Resistant - made from UHMW, will not corrode, or wear from abrasion,
- Protection - Cage provides complete pinch point protection and catches the idler if it breaks away from the brackets,
- Mounting Hardware - made from powder coated A-36 steel. Retrofits to most CEMA return idler bolt patterns,
- Durable UHMW Slotted Cage - helps prevent material buildup and is easy to clean out. For easy access simply remove the stainless steel pins to drop open the side of the cage for maintenance,
- New Robust Design - with a transverse support to prevent bending.

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<tr>
<td>Part Number</td>
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<td>M-ASG/RIG-HD-84</td>
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<tr>
<td>M-ASG/RIG-HD-96</td>
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</table>

**Safe-Guard® V-Return Idler Guard**

The Safe-Guard® V-Return Idler Guard fits standard V-return idlers and protects workers and equipment from slitting idlers and from dangerous pinch points between rotating idlers and moving belt.

- UV Resistant - made from UHMW, will not corrode, or wear from abrasion,
- Mounting Hardware - made from powder coated A-36 steel. Retrofits to most CEMA return idler bolt patterns,
- Durable UHMW Slotted Cage - helps prevent material buildup and is easy to clean out. For easy access simply remove the stainless steel pins to drop open the side of the cage for maintenance,
- Heavy-Duty Steel Construction - Fully adjustable to fit idler and belt width up to 96”
- Fits CEMA - E & F return idler brackets.

**Note:** Page 6 for Safe-Guard® OSHA & MSHA Compliance

**INDUSTRY APPLICATIONS**

- Safe-Guard® Return Roll Changer
- Safe-Guard® Modular Conveyor Flat Guard
- Safe-Guard® Chain Inspection Door
- Safe-Grip™ Conveyor Belt Clamps
Providing the World Bulk Material Handling Industry with Productive, Safe and Reliable “Complete Conveyor Solutions.”