

Pro-Zone™

ASGCO®

Complete Conveyor Solutions

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

ASGCO PRO-ZONE™

modular conveyor belt load zone system



Pro-Zone™

Modular Conveyor Belt Load Zone System

Pro-Zone™ is a patent pending modular conveyor belt load-zone system that optimizes the sealing for air/dust tightness of the receiving conveyor belt. This "skirt-less" fully self-contained system is comprised of our Slide-N-Roll beds with our removable "slide-out" designed UHMW and steel side supports and easily removable center rolls. Side guards, internal splash sealing system, dust curtains and angled hoods (aluminum or steel) completely enclose the entire system.

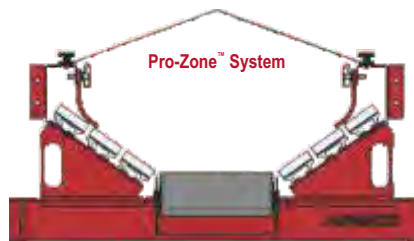
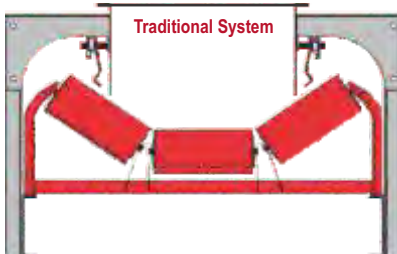
- **Environmentally Friendly** – due to significant reduction of airborne and fugitive dust and avoiding any risk of product loss in the loading area.
- **Increased Productivity** – and longer conveyor belt life because the completely sealed load zone helps eliminate material turbulence and conveyor belt cover abrasion.
- **Lower Maintenance Costs** – by having a "skirt-less", fully contained system that needs no adjustments of metal skirtboards or rubber skirting adjustments.
- **Modular Design** - can be installed in any combination of 4' (1200mm) or 5' (1500mm) lengths to completely cover load zone area. Quickly removable dust hoods, slide-out side sections and removable center rolls aid in the installation and maintenance of the system.
- **Made in the USA** - completely engineered, designed, fabricated and stock in the USA.



4' Pro-Zone with
2 supports



5' Pro-Zone with
3 supports and
optional inspection door.



ENVIRONMENTALLY FRIENDLY

ASGCO®'S Pro-Zone™ system provides the latest conveyor technology and engineering to solve coal dust and spillage environmental concerns and increase productivity.

PROBLEM: In today's coal fired power plants, it is important to keep coal dust and coal spillage in the load zone area to a minimum. Many plants struggle to keep these areas clean, due to not having enough time or man power to properly adjust skirt rubber or fix holes in the chutes. This coal spillage is expensive to remove and if not properly fixed the coal piles will reoccur again and again.

SOLUTION: ASGCO® has developed the first advanced containment system for dust control solutions in the coal industry. ASGCO®'S Pro-Zone™ system optimizes the seal for air/coal dust tightness on the receiving conveyor belt. The system is fully self-contained and is comprised of our Slide-N-Roll Bed™, side enclosure guards and mounted angled hood. Inside the Pro-Zone™ are dust curtains and an internal splash sealing rubber system to contain the coal dust.

RESULT: The ASGCO® Pro-Zone™ has been in service at this coal fired power plant for about 8 months and has helped eliminate coal dust and spillage in the customers load zone area. The customer is very happy with the performance of the ASGCO® Pro-Zone™ system and it has lowered his cleanup costs for that area.

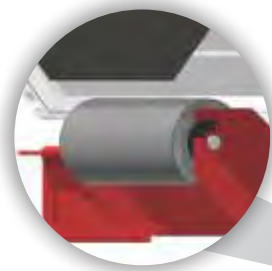


BEFORE

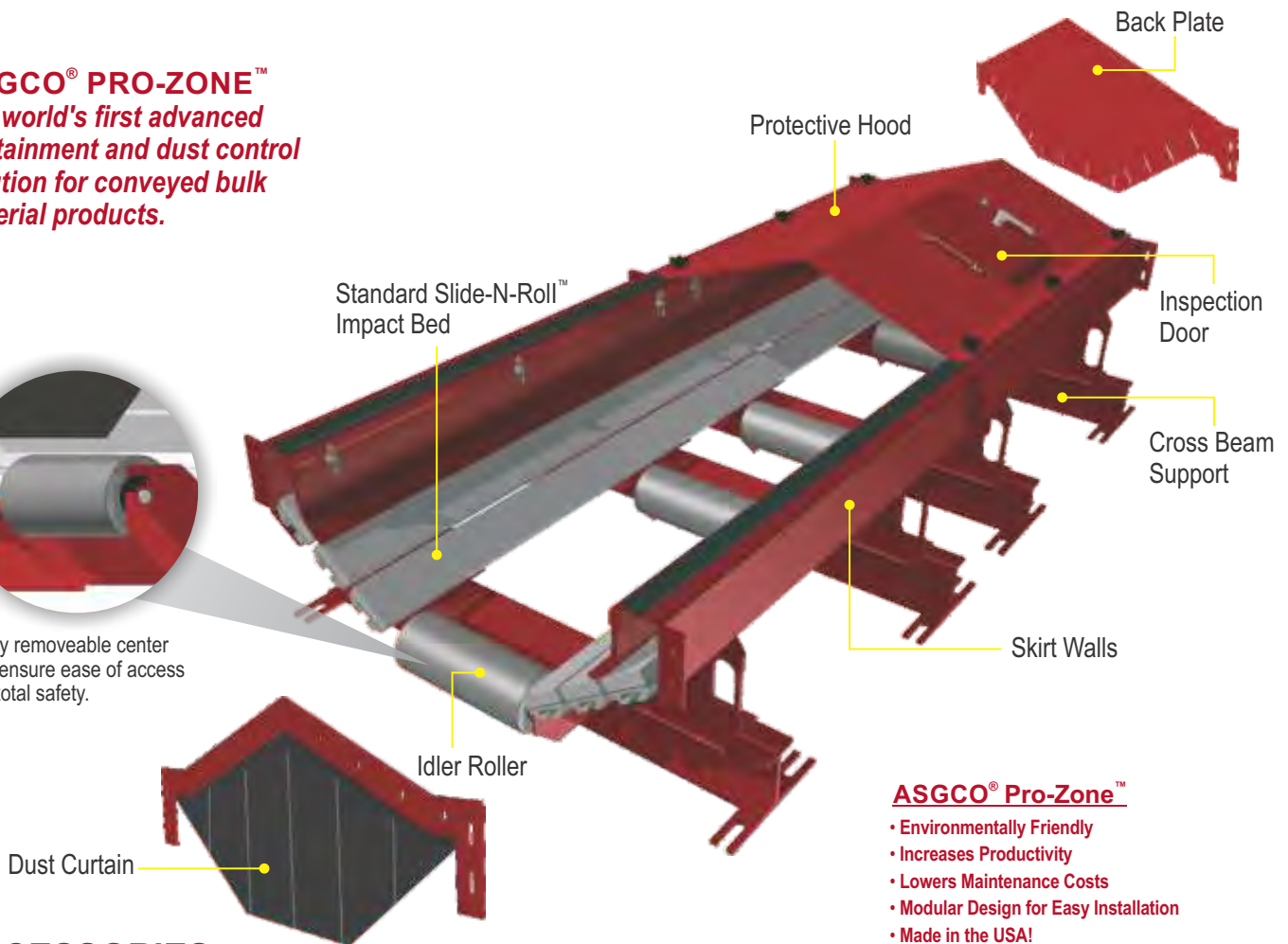


AFTER

ASGCO® PRO-ZONE™
The world's first advanced
containment and dust control
solution for conveyed bulk
material products.





Easily removeable center
rolls ensure ease of access
and total safety.



ASGCO® Pro-Zone™

- Environmentally Friendly
- Increases Productivity
- Lowers Maintenance Costs
- Modular Design for Easy Installation
- Made in the USA!

ACCESSORIES

	<p>Optional Load Zone Chute</p> <p>The load zone chute allows the product to be discharged onto the belt at the tail pulley. A steel plate closes one of the sides of the chute, greatly reducing the risk of contaminating the tail pulley. A rubber seal or steel plate helps to control dust.</p>		<p>Tru-Trainer Belt Tracking Idler</p> <p>The Tru-Trainer offers the most reliable and reactive belt tracking on the market. The Tru-Trainer reacts as the belt tracker moves off center. It will contact the tapered section of the roller on that side of the conveyor belt.</p>
	<p>Dust Curtain</p> <p>The front dust curtain slows down dust velocity without obstructing the passage of larger granular material along the conveyor. Its can be fitted to all types of Pro-Zone™ hoods and is mounted to the specially fitted angled hood.</p>		<p>Chute Inspection Doors</p> <p>Chute Inspection and Access Doors are a necessary part of any transfer point to allow for safe inspection and access to maintain conveyor belt cleaning systems.</p>
	<p>Additional Cross Support</p> <p>Additional cross supports are used under the transfer or loading points to absorb the impact of the conveyor material. The Pro-Zone™ is available with additional supports.</p>		<p>Premium Hinged V-Plow</p> <p>The patented Hinged V-Plow is designed to effectively keep bulk material from becoming trapped within the conveyor - between the tail pulley and the belt. The "Hinge" part allows you to change the amount of the angle.</p>
	<p>Rear Back Plate</p> <p>The rear back plate forms a seal at the end of the Pro-Zone™. It's mounted to the specially fitted, angled Pro-Zone™ hood and is made to fit all types of these hoods. Not suitable for 2 way belts.</p>		<p>Safe-Guard™ Return Idler Guard</p> <p>The Return Idler Guard was designed to prevent injuries from pinch points and to catch the return idler if it should fall. Recommended for any idler location under 7ft. or where the idler could become a hazard from incidental contact.</p>

Pro-Zone™ with 2 Supports

Part Number	Belt Width	
	in	mm
M-ASGPZ-18-2-48-2-(XX)	18	457
M-ASGPZ-24-4-48-2-(XX)	24	609
M-ASGPZ-30-4-48-2-(XX)	30	762
M-ASGPZ-36-6-48-2-(XX)	36	914
M-ASGPZ-42-6-48-2-(XX)	42	1066
M-ASGPZ-48-6-48-2-(XX)	48	1219
M-ASGPZ-54-8-48-2-(XX)	54	1371
M-ASGPZ-60-8-48-2-(XX)	60	1524
M-ASGPZ-72-10-48-2-(XX)	72	1828

Pro-Zone™ with 3 Supports

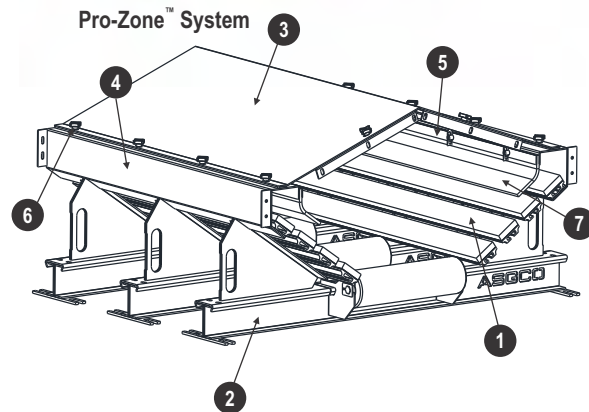
M-ASGPZ-18-2-60-3-(XX)	18	457
M-ASGPZ-24-4-60-3-(XX)	24	609
M-ASGPZ-30-4-60-3-(XX)	30	762
M-ASGPZ-36-6-60-3-(XX)	36	914
M-ASGPZ-42-6-60-3-(XX)	42	1066
M-ASGPZ-48-6-60-3-(XX)	48	1219
M-ASGPZ-54-8-60-3-(XX)	54	1371
M-ASGPZ-60-8-60-3-(XX)	60	1524
M-ASGPZ-72-10-60-3-(XX)	72	1828

Pro-Zone™ Dust Curtain

Part Number	Belt Width	
	in	mm
M-PZDC-18	18	457
M-PZDC-24	24	609
M-PZDC-30	30	762
M-PZDC-36	36	914
M-PZDC-42	42	1066
M-PZDC-48	48	1219
M-PZDC-54	54	1371
M-PZDC-60	60	1524
M-PZDC-72	72	1828

Pro-Zone™ Back Plate

ASG-PZBP-18	18	457
ASG-PZBP-24	24	609
ASG-PZBP-30	30	762
ASG-PZBP-36	36	914
ASG-PZBP-42	42	1066
ASG-PZBP-48	48	1219
ASG-PZBP-54	54	1371
ASG-PZBP-60	60	1524
ASG-PZBP-72	72	1828



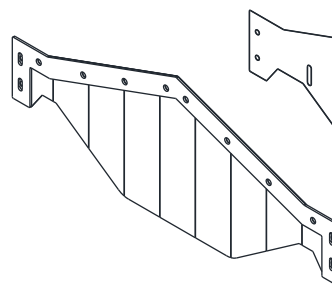
Pro-Zone™ Replacement Parts

Key	Description	Part Number
1	Frame Rail 3"x4", Impact	ASG-IBRAIL-RU-1-(X)
2	ASGCO® S&R Low Prof. Frame	M-S&RLD-FRAME-(X)-(XX)
3	ASGCO® Pro-Zone Cover	ASG-PZ-COVER-(X)-(XX)
4	ASGCO® Pro-Zone Wall	ASG-PZ-WALL-(X)
5	ASGCO® Pro-Zone Seal Plate	ASG-PZ-SEAL-PLATE-(X)
6	ASGCO® Pro-Zone Vibration	ASG-PZ-VAK
7	ASGCO® Dura-Seal-1, 1/2x6, Bv, Ends	ADS-ORG-1276-B

(X) - Please enter belt width

(XX) - Please enter 20, 35 or 45 for the degree of trough

Pro-Zone™ Dust Curtain



Pro-Zone™ Back Plate

