

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



# Conveyor Belt Load Zone System



# PRO-ZONE™

## 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.

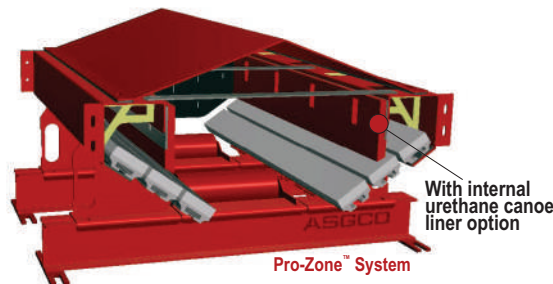
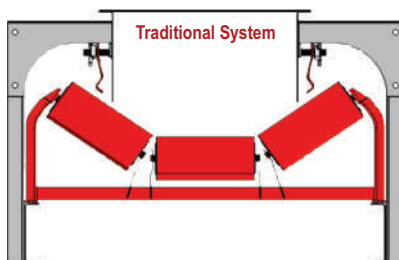
- **Environmentally Friendly** – due to significant reduction of airborne and fugitive dust and avoiding any risk of product loss in the loading area.
- **Increased Productivity** – and longer conveyor belt life because the completely sealed load zone helps eliminate material turbulence and conveyor 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.



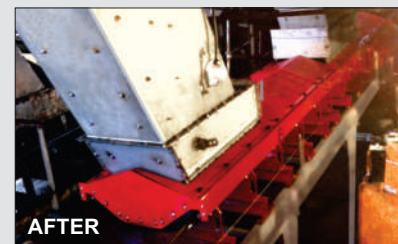
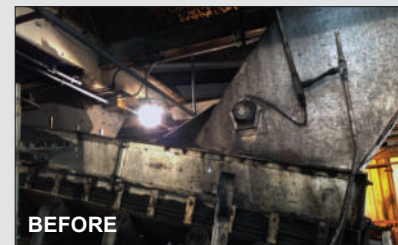
## ENVIRONMENTALLY FRIENDLY

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

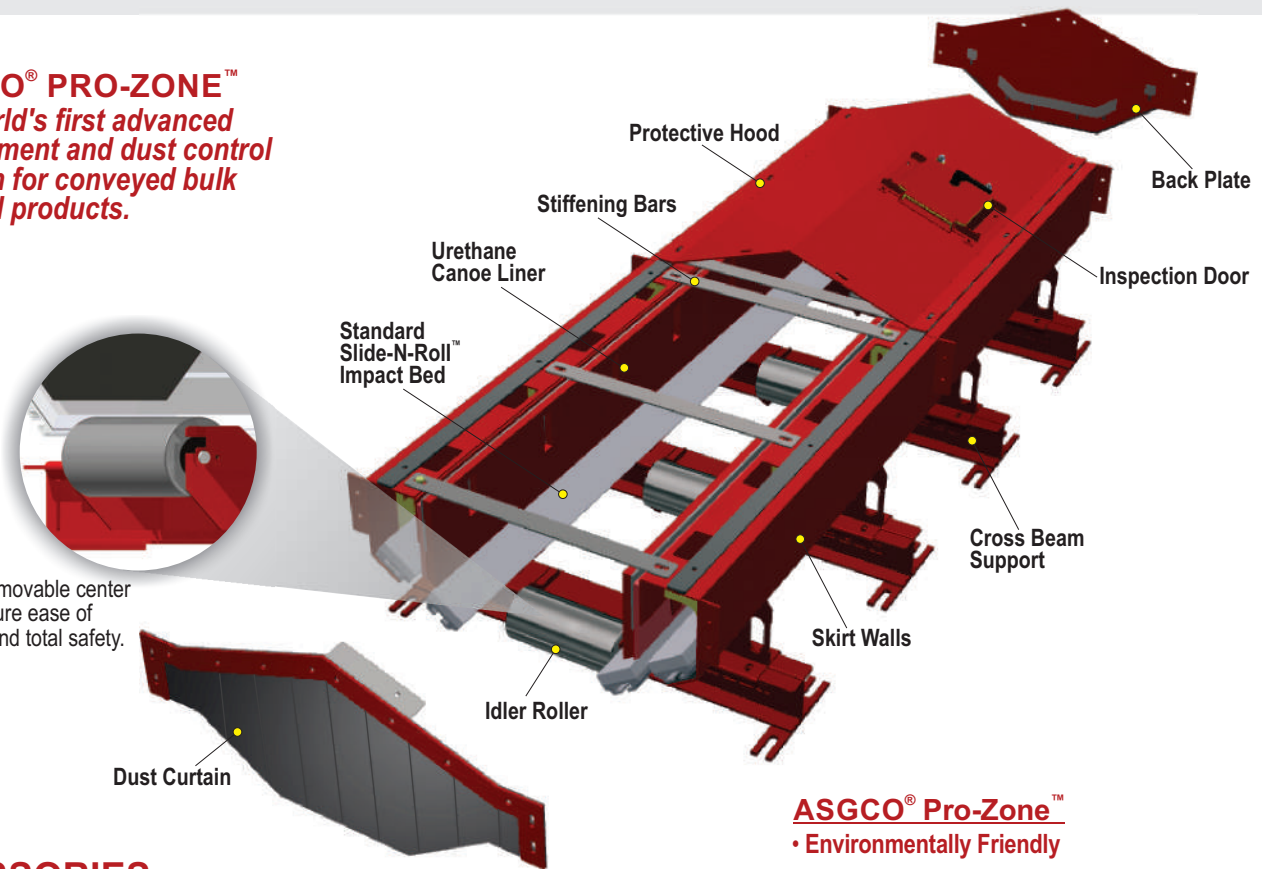
**PROBLEM:** In today's coal fired power plants, it is important to keep coal dust and coal spillage in the load zone area to a minimum. Many plants struggle to keep these areas clean, due to not having enough time or man power to properly adjust skirt rubber or fix holes in the chutes. This coal spillage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



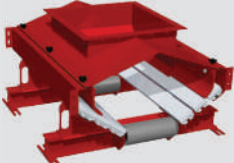
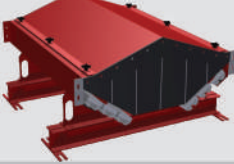

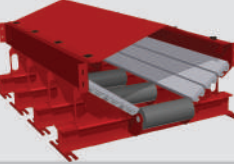

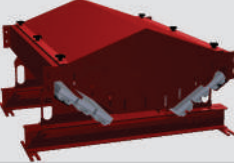

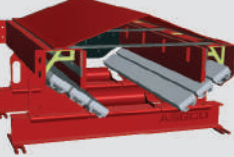

**ASGCO® PRO-ZONE™**  
*The world's first advanced containment and dust control solution for conveyed bulk material products.*



**ASGCO® Pro-Zone™**

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

**ACCESSORIES**

	<p><b>Load Zone Chute</b>                  The load zone chute inlet allows the product to be discharged onto the belt.</p>	
	<p><b>Dust Curtain</b>                  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><b>Tru-Trainer Belt Tracking Idler</b>                  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><b>Additional Cross Support</b>                  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><b>Chute Inspection Doors</b>                  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><b>Rear Back Plate</b>                  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><b>V-Plow XD™</b>                  The V-Plow XD™ Belt Cleaner, designed for the toughest mining environments, reduces build-up on the tail and take-up pulleys to improve belt alignment problems and reduce belt edge damage within the conveyor system.</p>
	<p><b>Internal Liners</b>                  The walls will be designed to hold ASGCO® Urethane Canoe Liners and Dura-Seal™ Skirting, to prevent material spillage and dust.</p>	 <p><b>Safe-Guard™ Return Idler Guard</b>                  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>

## INDUSTRY APPLICATIONS

