Pro-Zone® Modular Conveyor Belt Load Zone System

Pro-Zone® is a patented modular conveyor belt load-zone system that optimizes the sealing for air dust tightness of the receiving conveyors. 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) widths 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 stocked in the USA.

### 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 manpower to properly adjust skirt boards or fix holes in the chutes. This coal spillage is expensive to remove and if not properly fixed the coal piles will recur 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 dust tightness on the conveyor belt bed. The system is fully self-contained and is comprised of our Slide-N-Roll® Bed, side enclosures 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 all coal-fired power plant for about 3 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.

### ACCESSORIES

- **Optional Load Zone Chutes**
- **Dust Curtain**
- **Additional Cross Support**
- **Rear Back Plate**
- **Internal Liner**
- **Safe-Guard Return Idler Guard**
- **Tru-Trainer Belt Tracking Idler**
- **Chute Inspection Doors**
- **V-Flow XD**

**ASGCO® Pro-Zone®**

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

**Pro-Zone Modular Conveyor Belt Load Zone System**

Pro-Zone is a patented modular conveyor belt load zone system that optimizes the sealing for air and dust tightness of the receiving conveyor belt. This “skirtless” 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 “skirtless”, 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) widths 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.

**ACCESSORIES**

- Optional Load Zone Chutes: The load zone chute allows the product to be discharged onto the belt at the last possible. A rubber platen drives one of the sides of the chute, greatly reducing the risk of contaminating the load belt. A rubber seal or steel plate helps to control dust.
- Dust Curtain: The front dust curtain is a three-layered dust control without obstructing the passage of large granular material along the conveyor. It is designed to cover all types of Pro-Zone™ load zone and is mounted to the specially designed angled hood.
- Additional Cross Support: Additional cross supports are used under the conveyor or loading point to absorb the impact of the conveyor material. The Pro-Zone™ is available with additional supports.
- Rear Back Plate: The rear back plate forms a seal at the end of the Pro-Zone™. It is mounted to the specially designed angled Pro-Zone™ hood and is made to fit all types of hoods. Not suitable for any belting.
- Internal Liner: The “U” shape design is used as an internal liner for more aggressive applications.

**ENVIRONMENTALLY FRIENDLY**

ASGC®’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 having to hire expensive labor to properly adjust skirt boards or fix holes in the chutes. Coal spillage is expensive to remove and can affect the coal price if not properly fixed the coal piles will reoccur again and again.

**SOLUTION:** ASGC® has developed the first advanced containment system for dust control solutions in the coal industry. ASGC®’s Pro-Zone system optimizes the seal for air and dust tightness on the conveyor system. 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 ASGC® Pro-Zone has been in service at 50 coal-fired power plants for about 3 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 ASGC® Pro-Zone system and it has lowered his cleanup costs for that area.

**ASGC® PRO-ZONE**

The world’s first advanced containment and dust control solution for conveyed bulk material products.

**ASGC® Pro-Zone**

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

**PRO-ZONE**

Back Plate
- Protective Hood
- Standard Slide-N-Roll
- Impact Bed
- Idler Roller
- Skirt Walls
- Cross Beam Support
- Inspection Door

**Tru-Trainer Belt Tracking Idler**

The Tru-Trainer offers the most robust and effective belt tracking on the market. The Tru-Trainer holds the load belt tracker moves off-center, it will correct the lateral section of the roller by the side of the conveyor belt.

**Chute Inspections Doors**

Chute Inspection Doors are a necessary part of any transfer point to allow for maintenance and access to maintain conveyor belt cleaning systems.

**Y-Flow XD**

The Y-Flow® Belt Cleaner, designed for the toughest mining environments, reduces build-up on the trailing return pulleys to improve belt alignment problems and reduce belt slippage damage within the conveyor system.

**Safe-Guard® Return Idler Guard**

The Return Idler Guard was designed to prevent injuries from pinch points and to catch the return idler to avoid damage to the conveyor for any idler location under PUL for where the idler could become a hazard from incidental contact.