



# SLIDE-N-ROLL<sup>®</sup>

## INSTALLATION, OPERATION & MAINTENANCE INSTRUCTIONS



Check us out at  
[www.asgco.com](http://www.asgco.com)

**Customer Service**  
**800-344-4000**



**24 Hour Emergency  
Service and Parts**  
**610-821-0210**

**ASGCO Mfg., Inc.**  
301 Gordon Street  
Allentown, PA 18102  
610-821-0216  
FAX: 610-778-8991

## Important Safety Notice

Always observe the basic rules of safety when working with any conveyor system. To avoid injury and equipment damage, be sure that all controls to the conveyor are locked out and the power source is disconnected at all times during installation.

### Very Important

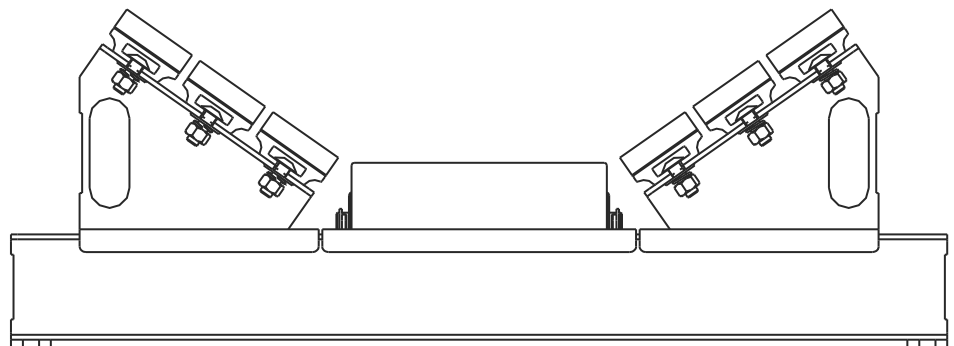
Before burning or welding, remove all flammable materials located around and below your work area so that they cannot be ignited by hot sparks or slag. Post a fire watch if you cannot see all area affected by sparks or slag. Keep a fire extinguisher and a first-aid kit on hand at all times.

### Items Needed For Installation:

Carpenter's Square  
Tape Measure  
Torch or Drill With Bits  
Bolts, Nuts, and Washers for bolting support frames to structure.  
Hand Tools

### Slide-N-Roll Rules to always follow:

1. Always have a Troughing roller of the same degree of trough that the Slide-N-Roll is designed just **before** the Slider bed.
2. Slide-N-Roll beds are designed to be 1/4" below the bottom surface of the belt as measured at the top of the center roll of the trougher just before and just after the Slide-N-Roll bed.
3. Now verify the slider bars are sitting below the wing rolls of the existing idler. If not continue to shim the idlers until you achieve the height of the wing rolls a minimum of 1/8" above the slider bars.
4. Always have a Troughing roller of the same degree of trough that the Slide-N-Roll is designed just **after** the slider bed.



**Bolts Slide into Slots**

---

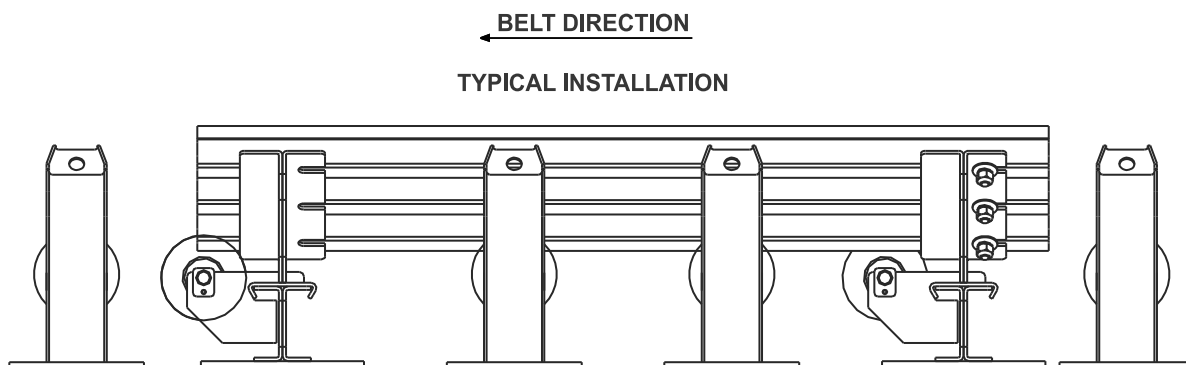
## Location Selection:

Slide-N-Roll beds are designed to be installed in the skirted zone area of a conveyor belt. Typically the Slide-N-Roll will begin approximately 8" from the closest existing troughing idler just prior to the load zone.

---

## Installation:

- 1.) Place Slide-N-Roll frames between the existing idlers in the skirted area of the conveyor. If the existing troughers are too close together then increase the spacing until the 4" wide Slide-N-Roll frame foot will fit to the conveyor frame.  
**NOTE:** The Slide-N-Roll rollers trail.
- 2.) Remove the wing rollers from the existing troughers in the Slide-N-Roll area.
- 3.) Install the Slider Rails on each side of the frame where the wing rollers were removed.
- 4.) Slide attachment bolts into slots in the slider rails. Use the same number of bolts as support frames. (See fig. 1)



---

## MAINTENANCE

- 1.)** Visual inspection for loose nuts and bolts and an occasional inspection to determine the wear of the slider bars are really the only thing of concern.
- 2.)** The wear of the slider bars will normally be concentrated near the side of the bar closest to the idler center roll. The ends of the bars will not be worn because the roller before and after the slider bed will prevent the belt from contacting the bars.
- 3.)** To inspect for the wear the center of the bed must be measured by reaching to the center of the bed and using a tape measure between the slider bars. Measure the thickness of the inner most bar of the bed.
- 4.)** Individual plant experience will determine when to replace the slider bars.