

## Immediate Tracking Results.

The Belt Positioner™ is the simple, reliable solution for problem belts that consistently mistrack to one side of the conveyor. The Belt Positioner works on the return side belt using simple angled rollers mounted in a fixed position to quickly and continuously funnel the belt into the correct path.

Most “tracking” or “training” devices rely on a pivoting design with belt-edge guide rollers. They attempt to “steer” the belt back on track by constant movement and often overcompensate, causing the belt to wander from side to side. And while they may work when new, they are prone to problems that render them useless and may even cause damage to the belt.

The Belt Positioner is the “quick fix” solution for belt tracking problems caused by conveyor misalignment mishaps, ground shifts, or on temporary systems. The two idler rollers are adjusted to the belt and create a funneling action that continuously “positions” the belt into the correct path. Many times in as few as 5 revolutions of the belt the results can be seen.



*The Belt Positioner™ works on the belt's bottom cover so it will not cause any excessive wear or damage to the belt's edges.*

## No Belt Edge Damage.

The idler rollers on the Belt Positioner make smooth contact with the return side belt's bottom cover and not on the belt's edges. There are no guide rollers that put pressure on the belt edges as they try to turn a pivoting mechanism to steer the belt. This constant edge pressure can cause excessive wear and damage to the belt.

The Positioner works differently. Side adjusting brackets, with up to 325mm (13") of adjustment, allow the Positioner to exert pressure with the smooth side of the idler roller on the conveyor side where the belt is mistracking. This funnels the belt back to the center position and holds it there. Quickly and without the chance of belt damage.

## Easy Installation and Setup.

The Belt Positioner comes assembled and ready to install. Simply preset the unit for the conveyor structure width, position the unit on the belt and bolt or weld in place. Adjust the rollers to the belt and watch the results. It's simple to do and you can see the results immediately.

The Belt Positioner comes in four sizes for belt width ranges from 450 to 2400 mm (18 to 96 inches). Idler rollers on sizes Small, Medium and Large are 125 mm (5 inches) diameter and rated CEMA D. Idler rollers on the Extra Large are 150 mm (6 inches) diameter and rated CEMA E.



*The Belt Positioner comes assembled and ready for quick installation.*

## Long Service Life.

The Belt Positioner's innovative design does not rely on a pivoting mechanism to move and steer a wandering belt. On conventional tracking units these pivot points get covered with carryback materials and are prone to seize up and stop working. The result: ineffective tracking units tied off to the side of the conveyor so they don't cause additional problems.

The Belt Positioner™ is mounted on the clean side of the return belt where dirt and fines from the carrying side cannot fall onto it, causing wear problems. Once installed and set, no further adjustment is required to maintain the belt in the correct position. And since there are no high-maintenance pivoting mechanisms and guide rollers to service, maintenance is low. The rollers are sealed for life. No regreasing maintenance is necessary. Simply inspect the idler rollers occasionally for wear.

## Ensures Center Loading.

Installed before the tail pulley, the Belt Positioner keeps the belt centered at its critical loading point. Center loading is the key to solving many top-side tracking problems.

The Belt Positioner can also be used at the head pulley, before or after the take-up pulley or anywhere on the return beltline where there is a belt tracking problem. It can also be used on reversing belts.

<b>Ordering Information</b>				
<b>Belt Positioner™</b>				
<b>Description</b>	<b>Belt Width (Min-Max)</b>	<b>Item</b>	<b>Item Code</b>	<b>Weight (kgs)</b>
	<b>mm</b>			
Small	450-650	PSR-S	74558	30
Medium	750-1200	PSR-M	74559	33
Large	1350-1600	PSR-L	74560	42
Extra Large	1800-2400	PSR-XL	74561	80
Use next larger size for belt widths between ranges				
Note: Idler rollers on sizes:		S are 114mm diameter M & L are 127mm diameter XL are 152mm diameter		
Finish: All steel parts are powder coated. All nuts and set screws are metric in 300 series Stainless Steel.				

Contact Customer Service for stainless steel option.



## Quickly Centers the Belt and Holds it There.



A typical mistracking problem resulting in product spillage and possible damage to the belt, mechanical splices and/or conveyor structure.



The belt is centered on the pulley in minutes with the Belt Positioner.

### Application Guidelines:

Belt Splice..... Mechanically Fastened or Vulcanized

Belt Speed..... 5 M/sec

Belt Direction ..... Reversing

Optimal Location: No closer than .9 M and no further than 1.8 M from a return roller.



The Belt Positioner™ holds the belt in a centered position and influences the belt's path up to 2.5 M in both directions.