

BELT POSITIONER™

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. This is the “quick fix” solution for belt tracking problems caused by conveyor misalignment mishaps, ground shifts, or on temporary systems.



Steel Rollers are standard.

Immediately influence the belt path up to 15M (50 ft) in both directions.



Ensures centre loading by installing before the tail pulley.

Features and Benefits

- **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.
- **Easy installation and setup.** 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 and you can see the results immediately.
- **Economical.** Durability and budget-conscious pricing make the Belt Positioner very versatile.
- **Long service life.** The Belt Positioner's innovative design does not rely on a pivoting mechanism to move and steer a wandering belt. The rollers are sealed for life. Simply inspect the idler rollers occasionally for wear.

BELT POSITIONER™

Specifications and Guidelines

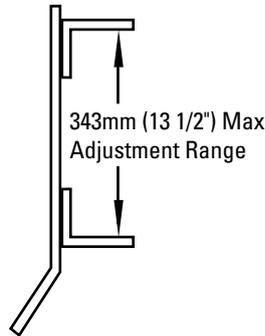
- **Maximum Belt Speed**
5 m/s
- **Max Temperature Rating**
-20° C to 104° C

- **Belt Direction**
Reversing
- **Available for Belt Widths**
450 to 2400mm

- **Mounting Bracket Adjustment**
343mm
- **Maximum PIW**
800 PIW on S, M, L
1200 PIW on XL

Roller Specifications	
Specification	Steel
Material	STEEL
Durometer	N/A
Rating	CEMA D (XL is CEMA E)
Bearings	6305 Sealed Ball Bearing
Shaft Diameter	25mm (1")
Wall Thickness	9 Gauge (37mm/.148") (XL - 6.4mm/1/4")
Specific Gravity	Over 1
Working Temperature	
°C	-20° to 104°
°F	-4° to 220°
Grease & Chemical Resistance	Good
Sticky Material Performance	Good

Roller Dimensions				
Size	Length		Diameter	
	mm	in.	mm	in.
Small	225	9	125	5
Medium	325	13	125	5
Large	475	19	125	5
Extra Large	525	21	150	6



Conveyor Criteria	Belt Positioner
Top side mistracking	NO
Return side mistracking	YES
Belt mistracking to one side	EXCELLENT
Belt mistracking to both sides	POOR
Inconsistent tracking problem	GOOD
Belt is cupped (heavy)	GOOD
Belt has low running tension	POOR
Belt has medium running tension	GOOD
Belt has high running tension	GOOD
Approx. "upstream" effect*	15M (50')
Approx. "downstream" effect*	15M (50')

*Typical results; actual results may vary.

Ordering Information

Belt Positioner™ with Steel Rollers						
Description	Belt Width (Min-Max)		Positioner Width (Min-Max)		Ordering Number	Item Code
	mm	in.	mm	in.		
Small	450-600	18-24	600-850	24-34	PSR-S-F	105629
Medium	750-1200	30-48	850-1400	34-56	PSR-M-F	105630
Large	1350-1800	54-72	1400-2075	56-83	PSR-L-F	105631
Extra Large	1800-2400	72-96	1800-3000	72-120	PSR-XL-F	105632

Use next larger size for belt widths between ranges.

Lead time: 4 weeks

Replacement Rollers		
Description	Ordering Number	Item Code
Small Steel Roller	RBPSR-S	105621
Medium Steel Roller	RBPSR-M	105622
Large Steel Roller	RBPSR-L	105623
Extra Large Steel Roller	RBPSR-XL	105624
Roller Retainer Kit *	RBPRET	105613
Extra Large Roller Retainer Kit*	RBPRET-XL	105614

Lead time: 4 weeks

*Hardware included.

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