

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.

Comes assembled so it's ready for quick installation.



CoreTech™ Rollers are longer lasting, corrosion resistant and lighter weight



CoreTech, Exalon and Steel Rollers are standard.



Ensures center loading by installing before the tail pulley.



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

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.
- **High-performing CoreTech™ rollers.** 50% lighter than steel, requiring less power to run the conveyor.

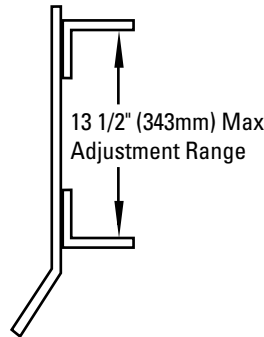
BELT POSITIONER™

Specifications and Guidelines

- **Maximum Belt Speed**
1000 FPM (5M/sec)
- **Max Temperature Rating**
-40° F to 180° F (-40° C to 71° C)
- **Belt Direction**
Reversing
- **Available for Belt Widths**
18" to 96" (450 to 2400mm)
- **Mounting Bracket Adjustment**
13-1/2" (338mm)
- **Maximum PIW**
800 PIW on S, M, L
1200 PIW on XL

Roller Specifications			
Specification	CoreTech™	Exalon	Steel
Material	Flexplas	HMWPE	STEEL
Durometer	110	68-D	N/A
Rating	CEMA D (XL is CEMA E)	CEMA D (XL is CEMA E)	CEMA D (XL is CEMA E)
Bearings	Bearing 6306 (XL - Bearing 6308)	3/4" (19mm) Tapered Roller (XL - 1 1/4" / 32mm)	3/4" (19mm) Tapered Roller (XL - 1 1/4" / 32mm)
Shaft Diameter	1.1875 (XL - 1.62)	.749" (19mm)	1" (25mm) Heavy Wall Tube Tapered (XL - 1 1/4" / 32mm)
Wall Thickness	Minimum 13/32 (10mm)	Minimum 5/8" (16mm)	9 Gauge (.148"/37mm) (XL - 1/4" / 6.4mm)
Specific Gravity	1.15	.9	Over 1
Working Temperature			
°F	-22 to 266	-40° to 180°	N/A
°C	-30 to 130	-40° to 82°	N/A
Grease & Chemical Resistance	Good	Excellent	Good
Sticky Material Performance	Good	Excellent	Good

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



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*	50' (15M)
Approx. "downstream" effect*	50' (15M)

*Typical results; actual results may vary.

Ordering Information

Belt Positioner™ with CoreTech™ Rollers						
Description	Belt Width (Min-Max)		Positioner Width (Min-Max)		Ordering Number	Item Code
	in.	mm	in.	mm		
Small	18-24	450-600	24-34	600-850	RBP1C-S	78851
Medium	30-48	750-1200	34-56	850-1400	RBP1C-M	78852
Large	54-72	1350-1800	56-83	1400-2075	RBP1C-L	78853
Extra Large	72-96	1800-2400	72-120	1800-3000	RBP1C-XL	78854
Belt Positioner™ with Exalon Rollers						
Small	18-24	450-600	24-34	600-850	RBP1E-S	73140
Medium	30-48	750-1200	34-56	850-1400	RBP1E-M	73142
Large	54-72	1350-1800	56-83	1400-2075	RBP1E-L	73144
Extra Large	72-96	1800-2400	72-120	1800-3000	RBP1E-XL	73146
Belt Positioner™ with Steel Rollers						
Small	18-24	450-600	24-34	600-850	RBP1S-S	74558
Medium	30-48	750-1200	34-56	850-1400	RBP1S-M	74559
Large	54-72	1350-1800	56-83	1400-2075	RBP1S-L	74560
Extra Large	72-96	1800-2400	72-120	1800-3000	RBP1S-XL	74561

Use next larger size for belt widths between ranges.
Lead time: 1 working day

Replacement Rollers		
Description	Ordering Number	Item Code
Small CoreTech™ Roller	N5D3T-24-8.875-B31	26095
Medium CoreTech Roller	N5D3T-36-12.875-B31	26096
Large CoreTech Roller	N5D3T-54-18.875-B31	26097
Extra Large CoreTech Roller	N6E3T-60-21.5-B36	26098
Small Exalon Roller	RBPER-S	73169
Medium Exalon Roller	RBPER-M	73170
Large Exalon Roller	RBPER-L	73171
Extra Large Exalon Roller	RBPER-XL	73172
Small Steel Roller	RBPSR-S	74562
Medium Steel Roller	RBPSR-M	74563
Large Steel Roller	RBPSR-L	74564
Extra Large Steel Roller	RBPSR-XL	74565
Roller Retainer Kit *	RBPRET	73163

Lead time: 1 working day

Authorized Distributor:



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