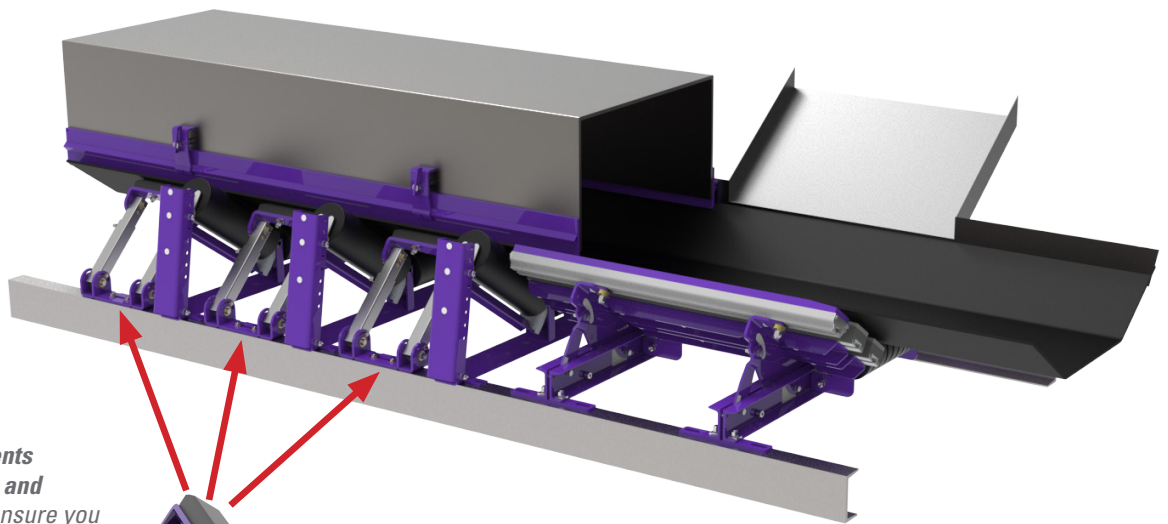


BELT SUPPORT BAR

Support Your Belt at the Load Zone

A sagging belt in between idlers in the load zone could mean that dust is escaping, thus creating a potentially dangerous environment. Additionally, this could lead to uneven wear on the existing skirting, causing the seal on the belt to fail and require frequent adjustments and replacements. The Belt Support Bar (BSB) has been specially engineered to help solve both problems. By supplying support from underneath the belt and in between idlers, the BSB helps to flatten the belt to return your load zone to the sealed position that is needed for a safe and efficient conveyor system.



Versatile adjustments with the base, top, and telescoping tube ensure you flatten the belt exactly where the skirting is installed

Fits anywhere you have idler gaps between 16 to 30" (400 to 750 mm) to create a sealing surface

Simple installation by bolt-on or welding to existing conveyor structure



Support from the underside of the belt can help eliminate sag and prevent dust from escaping

Features and Benefits

- **No equipment modification needed.** The Belt Support Bar can fit in between existing idlers, requiring no modification of existing equipment.
- **Modular design.** Telescoping tubing allows for adjustable length and rotating hinges help create the perfect approach and bar angles to fit your load zone setup.
- **Easy to install.** With only four bolts needed to mount a pair of BSBs to your conveyor structure, there is no need to pick up the belt or move idlers.
- **Low maintenance.** The 25 mm (1") UHMW wear bars can last for months and require virtually no adjustment.

BELT SUPPORT BAR

Specifications and Guidelines

Maximum Belt Speed

5 M/sec (1000 FPM)

Temperature Rating

-28 to 82°C (-20 to 180°F)

Horizontal Clearance Required

400 to 750 mm (16 to 30")



Ordering Information

Belt Support Bar				
Size	Ordering Number	Item Code	Weight	
			Kg.	Lb.
1	BSB-1	112918	22.7	50.1
2	BSB-2	112919	23.8	52.4
3	BSB-3	112920	24.3	53.6
4	BSB-4	112921	27.8	61.3
5	BSB-5	112922	30.5	67.2
6	BSB-6	112923	37.9	83.5

Refer to the charts below for correct size.

NOTE: Based on standard width CEMA troughing idler.

NOTE: For Class B or Class F, please contact Flexco.

CEMA Class C

BELT WIDTH		TROUGH ANGLE		
mm	in.	20°	35°	45°
450	18	SIZE 1*	SIZE 1*	SIZE 1*
600	24	SIZE 1	SIZE 1	SIZE 1
750	30	SIZE 1	SIZE 1	SIZE 2
900	36	SIZE 2	SIZE 2	SIZE 3
1050	42	SIZE 3	SIZE 3	SIZE 4
1200	48	SIZE 3	SIZE 4	SIZE 4
1350	54	SIZE 4	SIZE 4	SIZE 4
1500	60	SIZE 4	SIZE 4	SIZE 5

*Mount on the vertical face of the stringer.

CEMA Class D

BELT WIDTH		TROUGH ANGLE		
mm	in.	20°	35°	45°
600	24	SIZE 1	SIZE 1	SIZE 1
750	30	SIZE 1	SIZE 2	SIZE 2
900	36	SIZE 2	SIZE 2	SIZE 3
1050	42	SIZE 3	SIZE 3	SIZE 4
1200	48	SIZE 3	SIZE 4	SIZE 4
1350	54	SIZE 4	SIZE 4	SIZE 4
1500	60	SIZE 4	SIZE 4	SIZE 5
1800	72	SIZE 5	SIZE 5	SIZE 6

CEMA Class E

BELT WIDTH		TROUGH ANGLE		
mm	in.	20°	35°	45°
900	36	SIZE 2	SIZE 3	SIZE 3
1050	42	SIZE 3	SIZE 4	SIZE 4
1200	48	SIZE 4	SIZE 4	SIZE 4
1350	54	SIZE 4	SIZE 4	SIZE 4
1500	60	SIZE 5	SIZE 5	SIZE 5
1800	72	SIZE 5	SIZE 5	SIZE 6
2100	84	SIZE 6	SIZE 6	SIZE 6
2400	96	SIZE 6	SIZE 6	SIZE 6

Visit www.flexco.com for other Flexco locations and products, or to find an authorized distributor.

