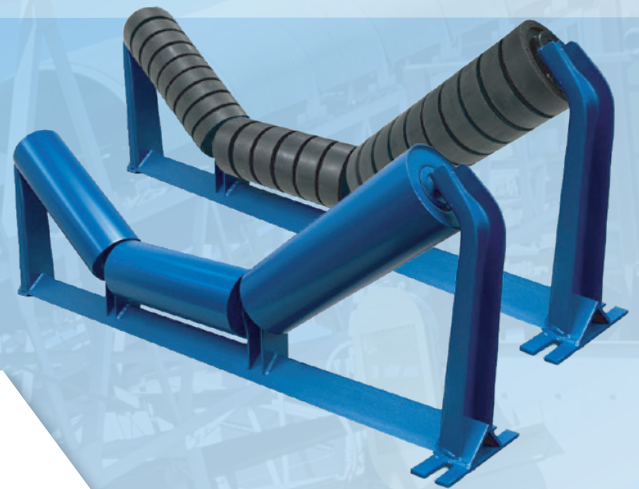


AIRMATIC[®]

WE'LL HANDLE IT.



BENETECH[®]
SAFE MATERIAL HANDLING SOLUTIONS



IDLERS & REPLACEMENT ROLLS

AIRMATIC

284 Three Tun Rd. Malvern, PA 19355

215.333.5600

infocenter@airmatic.com

airmatic.com





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SAFE MATERIAL HANDLING SOLUTIONS



BENETECH, INC.

Benetech is a global leader in comprehensive, performance-based bulk material handling solutions.

Material Handling Experts

Our complete solutions toolbox address a wide range of issues in the bulk material handling systems at surface and underground mines, coal fired electric generating plants, refineries, steel mills, pulp and paper mills, biomass facilities, cement plants, coal trans-loading facilities, aggregate, and stone operations.

Conveyor Rollers & Belt Support

Ordering Idlers

There are many different sizes and types of idlers made by multiple manufacturers, so you must order the correct size and type to minimize problems in the conveying system. Incorrect idler sizing or specification can lead to belt damage, cargo spillage, premature equipment failure, or even more catastrophic events. Therefore, take care while ordering and using the correct size frames and idlers in a conveying system. In some cases, the materials used in the construction of the idler frames or idler rolls may not be compatible with the material being handled, and contamination of the conveyed product can occur. For ordering assistance, call an AIRMATIC specialist today.



The Benetech MaxZone® product line is designed to reduce maintenance time and cost while maximizing material throughput, system uptime, and safety for plant personnel.

Load Rating Standards

Importance of Load Rating

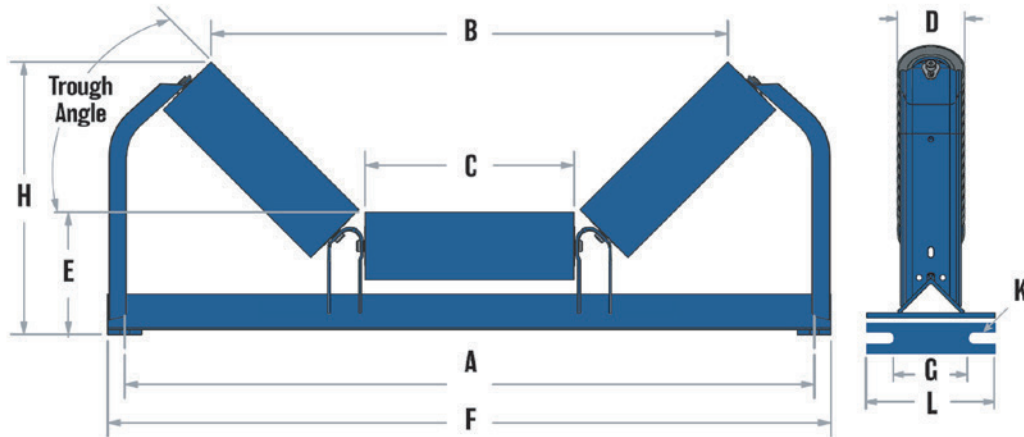
An idler's load rating is the specified load that an idler can carry at any point. The CEMA system categorizes idlers according to their load-carrying capacity or load ratings. The CEMA tables are generally selected based on bearing L10 life of 30,000 or 60,000 hours (dependent on series), with the idler roll rotating at 500rpm. CEMA gives you the standard load ratings that any CEMA B, CEMA C, CEMA D, and CEMA E should handle. Using various formulas will ensure the idler you select for a customer is within these load ratings to simplify and categorize the CEMA series for a manufacturer.

Load Ratings for CEMA B Idlers (lb)				
Belt Width	Trough Angle			
	20°	35°	45°	Return/Flat
18	410	410	410	220
24	410	410	410	190
30	410	410	410	165
36	410	410	396	155
42	390	363	369	140
48	380	353	351	125

Load Ratings for CEMA C Idlers (lb)				
Belt Width	Trough Angle			
	20°	35°	45°	Return/Flat
18	900	900	900	475
24	900	900	900	325
30	900	900	900	250
36	900	837	810	200
42	850	791	765	150
48	800	744	720	125
54	750	698	675	CEMA D
60	700	650	630	CEMA D

Load Ratings for CEMA D Idlers (lb)				
Belt Width	Trough Angle			
	20°	35°	45°	Return/Flat
24	1200	1200	1200	600
30	1200	1200	1200	600
36	1200	1200	1200	600
42	1200	1200	1200	500
48	1200	1200	1200	425
54	1200	1116	1080	375
60	1150	1070	1035	280
72	1050	977	945	155

Measurements



A Mounting Width

Mounting on the conveyor where bolts will be set in.

B Tip-To-Tip Top Width

This dimension is used to provide equal idler roll clearance and belt fit.

C Roll Length

The roll's length and the slot placement are used to ensure the roll will fit within the center/end brackets

D Roll Diameter

The roll diameter is the measurement of the circle at its largest point across.

E Middle Roll Height

The distance from the bottom of the base plate to the top of the center roll needs to be the same to keep the belt height uniform.

G Minimum Bolting Dimension

This minimum dimension makes sure the bolt spacing on the conveyor structure will bolt within the given distance.

H Idler Total Height

Total height of the idler, ensuring that the idler does not sit too high on the belt and that no structure will be in the way.

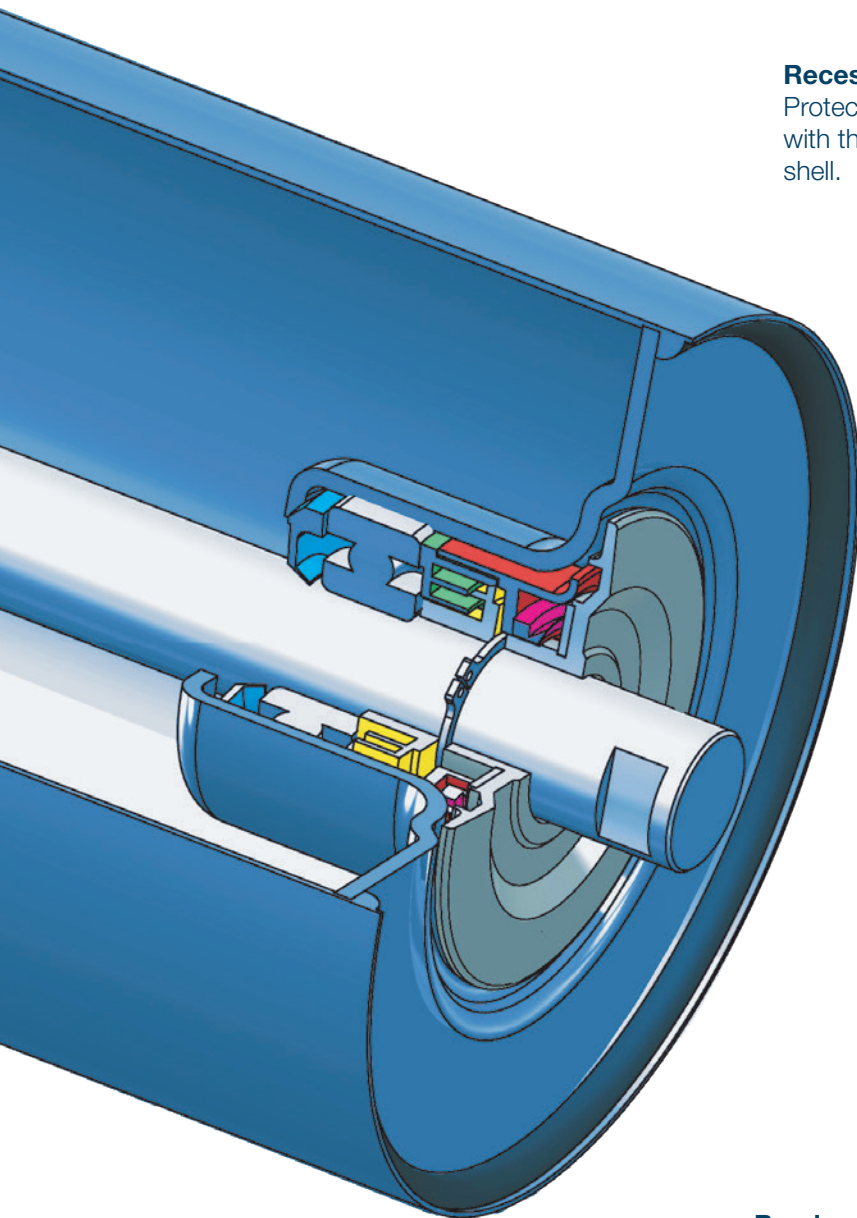
K Base Plate Slot Width

The bolt is typically 5/8" or .63". The slot is typically 11/16". Slots and bolts are per CEMA Standard.

L Maximum Base Plate Width

This maximum dimension makes sure the bolt spacing on the conveyor structure will bolt within the given distance

Benetech Sealing System



Recessed Welds

Protects the belt from wear with the full thickness of the shell.

Welded Head

Special formed disc designed to shed water, house inner workings, and create great roll concentricity.

External Deflector

Corrosion and impact- Uses centrifugal force to shed water and abrasive material.

Contact Seal

Protects against moisture, stone, and fine materials.

Solid Idler Shaft

1045 Cold Rolled Steel with slotted shaft to secure the roll to the frame.

Triple Labyrinth Seal

3rd line of defense for the bearing. Creates a longer path way for harmful

Snap Ring

Locks the seals and bearing in a stationary position to reduce wear.

Bearing Housing

Creates an air-tight seal for all working parts as the last line of defense and ensures perfect concentricity of all parts.

Idlers Features & Benefits

Sealing System

Benetech's labyrinth sealing system protects the roller from all types of contaminants found in polluted or corrosive environments such as washdown areas, fine dust, and debris.

The sealing system consists of a vertical triple labyrinth seal protecting against dust, a male and female labyrinth seal protecting against water and moisture, and a metal seal against material with particle size greater than 0625in.

This combination of multiple seal designs will maintain and extend the life of the roller against abrasive material.

Housing

The inner body or bearing chamber is a complete piece inside the roller. Its purpose is to guard all of the inner components of the roller out to the head. Unlike other rollers on the market with independent bearing chambers, the main advantage of our design is that perfect concentricity is achieved, therefore prolonging the roller life.

Bearings

Benetech rollers come with top-of-the-line 2RS ball bearings. Due to the construction of these bearings, they provide adequate resistance to radial and axial loads. The 2RS bearings promote high-level performance and require no maintenance or regreasing during their lifetime.

Rolls

The outer and inner body of the roller and the lateral metal covers provide a completely sealed and rigid capsule.

During the operational life of the roller, this unique assembly design guarantees the optimal performance of the shaft, bearings, and sealing system.

Welding

Benetech uses robotic Metal Inert Gas (MIG) welding to construct the roller head. With this technology, the weld is more resistant to cracks or breaks. Since a flux is not used, there is no chance of slag entrapment, resulting in a clean quality weld. The MIG weld improves the finish and resistance to normal wear, increasing the lifetime of the roller.

Shafts

Consistently exceeding CEMA standard load ratings, the idler shaft size will be different depending on CEMA class. The roller shafts are manufactured with top-quality grade steel.



Steel & Impact Rollers

Designed with a triple labyrinth seal, Benetech's rollers have advanced sealing protection and are sealed for life bearings that never require re-greasing. Available in various belt widths and sizes, meeting all CEMA standards.



Troughing Idler CEMA C Standard & Impact

Benetech's troughing idlers are used to transition from an impact area or load zone. They can also be used to transition from a flat pulley area, picking or feeding area. Meeting all CEMA requirements and available in standard or impact, belt widths 24-72", and troughing angles of 20, 35, & 45 degrees.



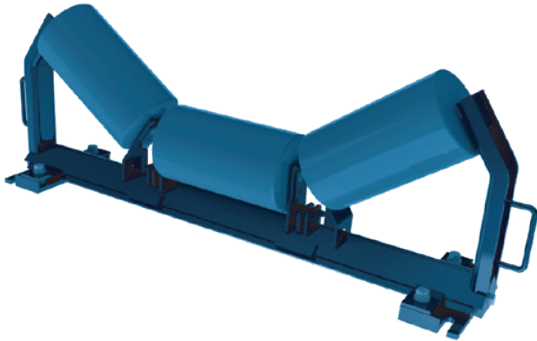
Troughing Idler CEMA D Standard & Impact

Benetech's troughing idlers are used to transition from an impact area or load zone. They can also be used to transition from a flat pulley area, picking or feeding area. Meeting all CEMA requirements and available in standard or impact, belt widths 24-72", and troughing angles of 20, 35, & 45 degrees.



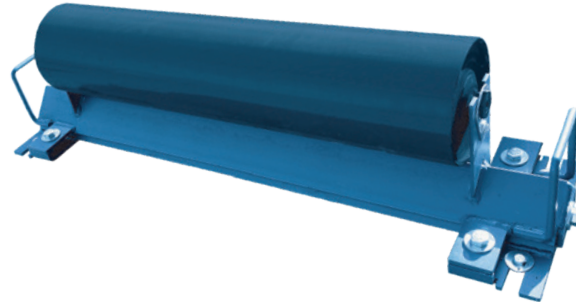
Return Idler CEMA C & D

Benetech's return idlers are used to carry the belt back to the tail pulley after the load has been dumped at the head pulley. Designed to meet CEMA standards, and available in different belt widths.



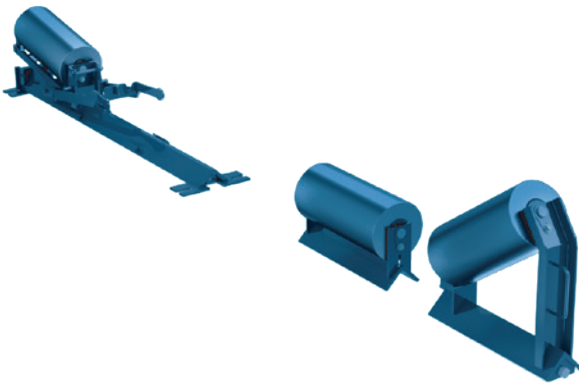
Simple Slide Idler

Roller frames slide into place without the need to remove adjacent idlers, resulting in ideal serviceability and improved safety. In addition, the compact size of the frames allows for placement even in confined spaces, assuring that you are getting the belt support you need.



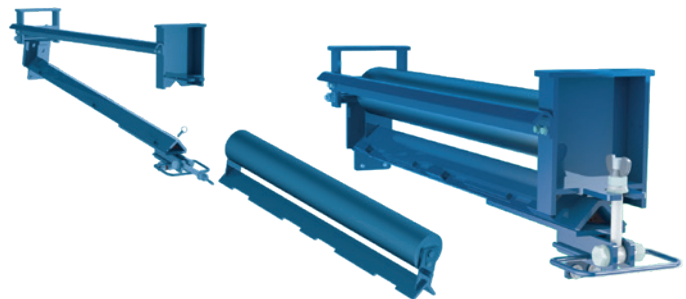
Simple Slide Return

Benetech's Simple Slide Return Rollers allow for safe and simple installation and maintenance while providing optimal belt support between the discharge point and the tail pulley. In addition, the compact size of the frames allows for placement even in confined spaces.



Drop & Slide Idler

Drop & Slide Idlers can be completely dismantled, inspected, and serviced by one person from one side of the conveyor. When retracted, the roller unit simply slides out from underneath the existing conveyor belt allowing for easy roller inspection or replacement.



Drop & Slide Return

Drop & Slide Return Rollers allow for safe installation and removal of rollers from one side of the belt, when access is restricted. The design of the frame assembly allows for placement even in confined spaces, allowing one person to change out the return roller easily and safely.



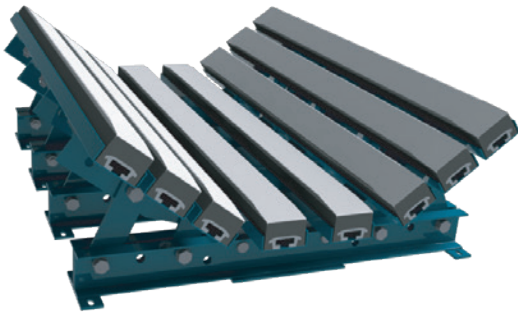
Training Idler

The Training Idler responds instantly to the misalignment of the belt without special modifications to the structure. It requires no maintenance and fits into a standard drop bracket. The Training Idler can be manufactured to suit all belt sizes in operation.



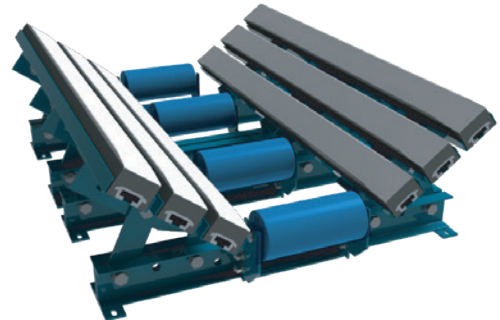
Troughing Training Idler

The unique design of the components of the Troughing Training Idler frame allows it to automatically adjust itself to the conveyor belt in order to correct the misalignment in the troughing section of the conveyor, keeping your conveyor belt on track.



Warrior Impact Bed

The Warrior Impact Bed stabilizes and supports the conveyor belt during loading. Rubber bars of the Warrior cushion the belt and absorb impact resulting in a longer belt life, eliminated spillage and decreased O&M costs. The durable frame of steel supports impact on the bars.



Warrior Roll & Guide

The Warrior Roll & Guide Support bed creates a seamless seal, helping to eliminate dust and spillage in the load zone. It utilizes low friction slider bars on the wing sections and rollers in the center. Belt drag is minimized while the belt is fully supported at the edges.

Idlers

BIS-35C5-30SB

Benetech

Idler/Roll

- I Idler Assembly
- R Roll

Idler/Roll Type

- S Steel Equal Length IR Impact Return
- I Impact Equal Length VR V Return
- R Return IVR Impact V Return
- F Flat Idler

Angle

- 10 35
- 15 45
- 20

CEMA Class

- B D
- C E

Belt Width

- SB Sealed Ball Bearing
- TR Tapered Roller Bearing
- RB Regreasable Bearing

Belt Width (in)

- 24 54
- 30 60
- 36 66
- 42 72
- 48

Roll Diameter (in)

- 4
- 5
- 6

Rollers

BRS-C5-30S B

Benetech

Idler/Roll

- I Idler Assembly
- R Roll

Idler/Roll Type

- S Steel Equal Length IR Impact Return
- I Impact Equal Length VR V Return
- R Return IVR Impact V Return
- F Flat Idler

CEMA Class

- B D
- C E

Belt Width

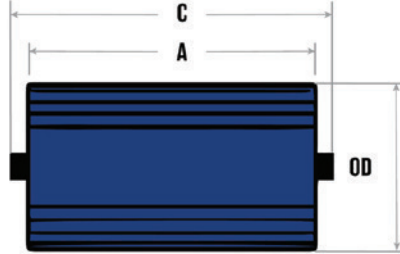
- SB Sealed Ball Bearing
- TR Tapered Roller Bearing
- RB Regreasable Bearing

Belt Width (in)

- 24 54
- 30 60
- 36 66
- 42 72
- 48

Roll Diameter (in)

- 4
- 5
- 6



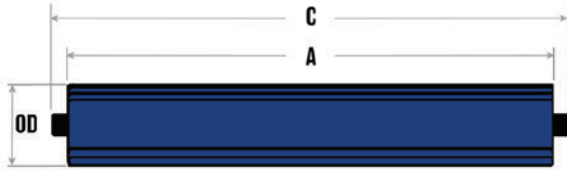
Steel & Impact Rollers		
OD 5" & 6"		
Belt Width	Roller Length "A" (in)	Roller Length "C" (in)
24	8.94	10.19
30	11.13	12.34
36	13.25	14.50
42	15.44	16.69
48	17.63	18.88
54	19.75	21.00
60	21.75	23.00
72	26.00	27.25

Shaft Diameter	mm
CEMA C	20
CEMA D	25

Belt Width	CEMA C Steel Roller			CEMA C Impact Roller		
	4" Roll Diameter	5" Roll Diameter	6" Roll Diameter	4" Roll Diameter	5" Roll Diameter	6" Roll Diameter
18	BRS-C4-18SB	BRS-C5-18SB	BRS-C6-18SB	BRI-C4-18SB	BRI-C5-18SB	BRI-C6-18SB
24	BRS-C4-24SB	BRS-C5-24SB	BRS-C6-24SB	BRI-C4-24SB	BRI-C5-24SB	BRI-C6-24SB
30	BRS-C4-30SB	BRS-C5-30SB	BRS-C6-30SB	BRI-C4-30SB	BRI-C5-30SB	BRI-C6-30SB
36	BRS-C4-36SB	BRS-C5-36SB	BRS-C6-36SB	BRI-C4-36SB	BRI-C5-36SB	BRI-C6-36SB
42	BRS-C4-42SB	BRS-C5-42SB	BRS-C6-42SB	BRI-C4-42SB	BRI-C5-42SB	BRI-C6-42SB
48	BRS-C4-48SB	BRS-C5-48SB	BRS-C6-48SB	BRI-C4-48SB	BRI-C5-48SB	BRI-C6-48SB
54	BRS-C4-54SB	BRS-C5-54SB	BRS-C6-54SB	BRI-C4-54SB	BRI-C5-54SB	BRI-C6-54SB
60	BRS-C4-60SB	BRS-C5-60SB	BRS-C6-60SB	BRI-C4-60SB	BRI-C5-60SB	BRI-C6-60SB
72	BRS-C4-72SB	BRS-C5-72SB	BRS-C6-72SB	BRI-C4-72SB	BRI-C5-72SB	BRI-C6-72SB

Belt Width	CEMA D Steel Roller			CEMA D Impact Roller		
	4" Roll Diameter	5" Roll Diameter	6" Roll Diameter	4" Roll Diameter	5" Roll Diameter	6" Roll Diameter
18	BRS-D4-18SB	BRS-D5-18SB	BRS-D6-18SB	BRI-D4-18SB	BRI-D5-18SB	BRI-D6-18SB
24	BRS-D4-24SB	BRS-D5-24SB	BRS-D6-24SB	BRI-D4-24SB	BRI-D5-24SB	BRI-D6-24SB
30	BRS-D4-30SB	BRS-D5-30SB	BRS-D6-30SB	BRI-D4-30SB	BRI-D5-30SB	BRI-D6-30SB
36	BRS-D4-36SB	BRS-D5-36SB	BRS-D6-36SB	BRI-D4-36SB	BRI-D5-36SB	BRI-D6-36SB
42	BRS-D4-42SB	BRS-D5-42SB	BRS-D6-42SB	BRI-D4-42SB	BRI-D5-42SB	BRI-D6-42SB
48	BRS-D4-48SB	BRS-D5-48SB	BRS-D6-48SB	BRI-D4-48SB	BRI-D5-48SB	BRI-D6-48SB
54	BRS-D4-54SB	BRS-D5-54SB	BRS-D6-54SB	BRI-D4-54SB	BRI-D5-54SB	BRI-D6-54SB
60	BRS-D4-60SB	BRS-D5-60SB	BRS-D6-60SB	BRI-D4-60SB	BRI-D5-60SB	BRI-D6-60SB
72	BRS-D4-72SB	BRS-D5-72SB	BRS-D6-72SB	BRI-D4-72SB	BRI-D5-72SB	BRI-D6-72SB

Belt Width	CEMA E Steel Roller			CEMA E Impact Roller		
	4" Roll Diameter	5" Roll Diameter	6" Roll Diameter	4" Roll Diameter	5" Roll Diameter	6" Roll Diameter
18	BRS-E4-18SB	BRS-E5-18SB	BRS-E6-18SB	BRI-E4-18SB	BRI-E5-18SB	BRI-E6-18SB
24	BRS-E4-24SB	BRS-E5-24SB	BRS-E6-24SB	BRI-E4-24SB	BRI-E5-24SB	BRI-E6-24SB
30	BRS-E4-30SB	BRS-E5-30SB	BRS-E6-30SB	BRI-E4-30SB	BRI-E5-30SB	BRI-E6-30SB
36	BRS-E4-36SB	BRS-E5-36SB	BRS-E6-36SB	BRI-E4-36SB	BRI-E5-36SB	BRI-E6-36SB
42	BRS-E4-42SB	BRS-E5-42SB	BRS-E6-42SB	BRI-E4-42SB	BRI-E5-42SB	BRI-E6-42SB
48	BRS-E4-48SB	BRS-E5-48SB	BRS-E6-48SB	BRI-E4-48SB	BRI-E5-48SB	BRI-E6-48SB
54	BRS-E4-54SB	BRS-E5-54SB	BRS-E6-54SB	BRI-E4-54SB	BRI-E5-54SB	BRI-E6-54SB
60	BRS-E4-60SB	BRS-E5-60SB	BRS-E6-60SB	BRI-E4-60SB	BRI-E5-60SB	BRI-E6-60SB
72	BRS-E4-72SB	BRS-E5-72SB	BRS-E6-72SB	BRI-E4-72SB	BRI-E5-72SB	BRI-E6-72SB



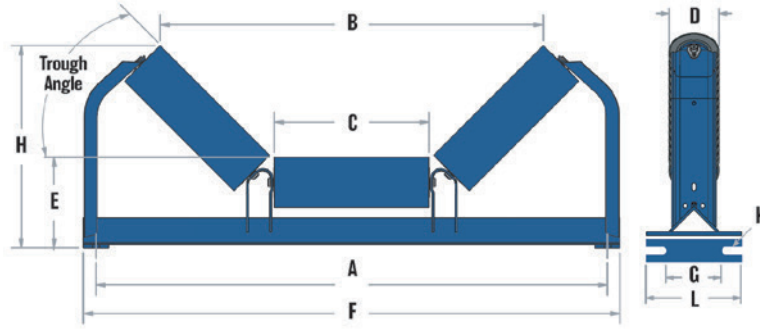
OD 5" & 6"		
Belt Width	Roller Length "A" (in)	Roller Length "C" (in)
24	27.34	28.63
30	33.34	34.63
36	39.34	40.63
42	45.34	46.63
48	51.34	54.63
54	57.34	58.63
60	63.34	64.63
72	75.34	76.63

Shaft Diameter	mm
CEMA C	20
CEMA D	25

Belt Width	CEMA C Steel Return Roller		
	4" Roll Diameter	5" Roll Diameter	6" Roll Diameter
18	BRR-C4-18SB	BRR-C5-18SB	BRR-C6-18SB
24	BRR-C4-24SB	BRR-C5-24SB	BRR-C6-24SB
30	BRR-C4-30SB	BRR-C5-30SB	BRR-C6-30SB
36	BRR-C4-36SB	BRR-C5-36SB	BRR-C6-36SB
42	BRR-C4-42SB	BRR-C5-42SB	BRR-C6-42SB
48	BRR-C4-48SB	BRR-C5-48SB	BRR-C6-48SB
54	BRR-C4-54SB	BRR-C5-54SB	BRR-C6-54SB
60	BRR-C4-60SB	BRR-C5-60SB	BRR-C6-60SB
72	BRR-C4-72SB	BRR-C5-72SB	BRR-C6-72SB

Belt Width	CEMA D Steel Return Roller		
	4" Roll Diameter	5" Roll Diameter	6" Roll Diameter
18	BRR-D4-18SB	BRR-D5-18SB	BRR-D6-18SB
24	BRR-D4-24SB	BRR-D5-24SB	BRR-D6-24SB
30	BRR-D4-30SB	BRR-D5-30SB	BRR-D6-30SB
36	BRR-D4-36SB	BRR-D5-36SB	BRR-D6-36SB
42	BRR-D4-42SB	BRR-D5-42SB	BRR-D6-42SB
48	BRR-D4-48SB	BRR-D5-48SB	BRR-D6-48SB
54	BRR-D4-54SB	BRR-D5-54SB	BRR-D6-54SB
60	BRR-D4-60SB	BRR-D5-60SB	BRR-D6-60SB
72	BRR-D4-72SB	BRR-D5-72SB	BRR-D6-72SB

Belt Width	CEMA E Steel Return Roller		
	4" Roll Diameter	5" Roll Diameter	6" Roll Diameter
18	BRR-E4-18SB	BRR-E5-18SB	BRR-E6-18SB
24	BRR-E4-24SB	BRR-E5-24SB	BRR-E6-24SB
30	BRR-E4-30SB	BRR-E5-30SB	BRR-E6-30SB
36	BRR-E4-36SB	BRR-E5-36SB	BRR-E6-36SB
42	BRR-E4-42SB	BRR-E5-42SB	BRR-E6-42SB
48	BRR-E4-48SB	BRR-E5-48SB	BRR-E6-48SB
54	BRR-E4-54SB	BRR-E5-54SB	BRR-E6-54SB
60	BRR-E4-60SB	BRR-E5-60SB	BRR-E6-60SB
72	BRR-E4-72SB	BRR-E5-72SB	BRR-E6-72SB

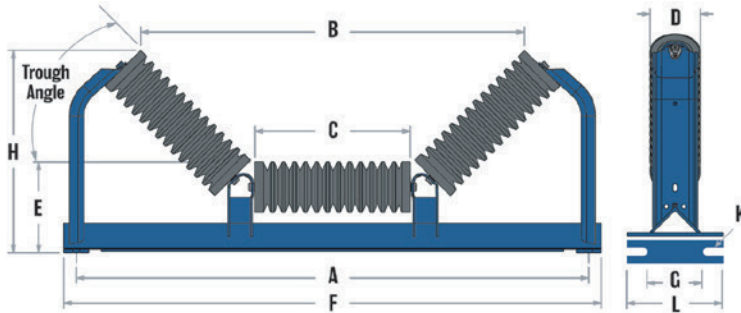


CEMA C STANDARD						
Belt Width	Frame Dimensions					
	A	F	G	L	C	K
18	27	29	5.75	6.50	6.93	0.63
20	29	31	5.75	6.50	7.68	0.63
24	33	35	5.75	6.50	9.06	0.63
30	39	41	6.00	7.50	11.12	0.63
36	45	47	6.00	7.50	13.19	0.63
42	51	53	6.00	7.50	15.31	0.63
48	57	59	6.00	7.50	17.38	0.63
54	63	65	7.50	9.00	19.44	0.63
60	69	71	7.50	9.00	21.56	0.63
			min.	max.		

20 Degree Troughing Idler										
Belt Width	5" Roller					6" Roller				
	H	B	E	Weight (lb)	Part Number	H	B	E	Weight (lb)	Part Number
24	11.06	27.13	8.50	50	BIS-20C5-24SB	12.19	26.81	8.50	60	BIS-20C6-24SB
30	12.69	33.19	8.50	58	BIS-20C5-30SB	13.25	32.75	9.50	70	BIS-20C6-30SB
36	13.50	39.00	8.75	68	BIS-20C5-36SB	14.00	38.69	9.50	79	BIS-20C6-36SB
42	14.50	45.13	9.00	78	BIS-20C5-42SB	14.75	44.81	10.00	92	BIS-20C6-42SB
48	15.34	51.19	9.00	90	BIS-20C5-48SB	15.88	50.75	10.00	106	BIS-20C6-48SB
54	16.50	57.00	9.50	100	BIS-20C5-54SB	16.50	56.69	10.25	120	BIS-20C6-54SB
60	17.19	63.13	9.75	109	BIS-20C5-60SB	17.19	62.81	10.25	133	BIS-20C6-60SB

35 Degree Troughing Idler										
Belt Width	5" Roller					6" Roller				
	H	B	E	Weight (lb)	Part Number	H	B	E	Weight (lb)	Part Number
24	13.94	24.50	8.50	50	BIS-35C5-24SB	13.75	23.94	8.50	60	BIS-35C6-24SB
30	15.50	30.00	8.50	58	BIS-35C5-30SB	15.94	29.44	9.50	70	BIS-35C6-30SB
36	16.75	35.44	8.75	68	BIS-35C5-36SB	17.13	34.88	9.50	79	BIS-35C6-36SB
42	18.25	41.00	9.00	78	BIS-35C5-42SB	18.75	40.44	10.00	92	BIS-35C6-42SB
48	19.56	46.44	9.00	90	BIS-35C5-48SB	20.00	45.88	10.00	106	BIS-35C6-48SB
54	21.00	51.88	9.50	100	BIS-35C5-54SB	21.19	51.94	10.25	120	BIS-35C6-54SB
60	22.25	57.50	9.75	109	BIS-35C5-60SB	22.34	56.94	10.25	133	BIS-35C6-60SB

45 Degree Troughing Idler										
Belt Width	5" Roller					6" Roller				
	H	B	E	Weight (lb)	Part Number	H	B	E	Weight (lb)	Part Number
20	13.69	18.63	8.50	47	BIS-45C5-20SB	-	-	-	-	-
24	14.63	22.63	8.50	50	BIS-45C5-24SB	15.13	21.88	8.50	60	BIS-45C6-24SB
30	17.13	27.56	8.50	58	BIS-45C5-30SB	17.44	26.88	9.50	70	BIS-45C6-30SB
36	18.56	32.56	8.75	68	BIS-45C5-36SB	18.88	31.88	9.50	79	BIS-45C6-36SB
42	20.44	37.75	9.00	78	BIS-45C5-42SB	20.50	37.00	10.00	92	BIS-45C6-42SB
48	22.00	42.69	9.00	90	BIS-45C5-48SB	22.19	41.69	10.00	106	BIS-45C6-48SB
54	23.13	47.69	9.50	100	BIS-45C5-54SB	23.25	46.94	10.25	120	BIS-45C6-54SB
60	24.56	51.81	9.75	109	BIS-45C5-60SB	25.19	52.06	10.25	133	BIS-45C6-60SB

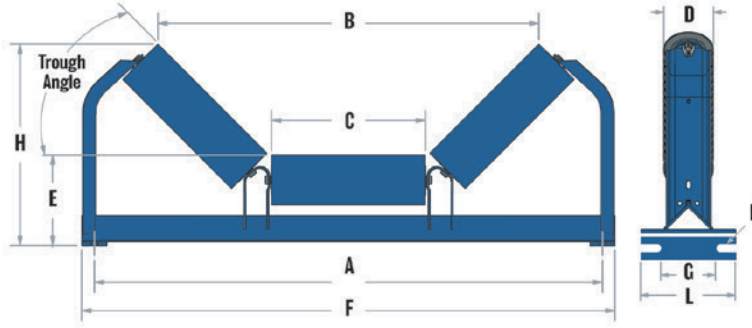


CEMA C IMPACT						
Belt Width	Frame Dimensions					
	A	F	G	L	C	K
18	27	29	5.75	6.50	6.94	0.63
20	29	31	5.75	6.50	7.69	0.63
24	33	35	5.75	6.50	9.06	0.63
30	39	41	6.00	7.50	11.13	0.63
36	45	47	6.00	7.50	13.19	0.63
42	51	53	6.00	7.50	15.31	0.63
48	57	59	6.00	7.50	17.38	0.63
54	63	65	7.50	9.00	19.44	0.63
60	69	71	7.50	9.00	21.56	0.63
			min.	max.		

20 Degree Troughing Idler										
Belt Width	5" Roller					6" Roller				
	H	B	E	Weight (lb)	Part Number	H	B	E	Weight (lb)	Part Number
20	10.63	22.69	8.50	48	BII-20C5-18SB	10.81	20.19	8.50	49	BII-20C6-18SB
24	11.06	26.63	8.50	55	BII-20C5-24SB	11.50	26.94	8.50	59	BII-20C6-24SB
30	12.69	32.56	8.50	68	BII-20C5-30SB	13.19	32.25	9.50	71	BII-20C6-30SB
36	13.50	38.50	8.75	76	BII-20C5-36SB	13.94	38.19	9.50	80	BII-20C6-36SB
42	14.50	44.63	9.00	93	BII-20C5-42SB	15.13	44.96	10.00	97	BII-20C6-42SB
48	15.25	50.56	9.00	110	BII-20C5-48SB	15.75	50.88	10.00	114	BII-20C6-48SB
54	16.44	56.50	9.50	124	BII-20C5-54SB	16.75	56.19	10.25	130	BII-20C6-54SB
60	17.06	62.63	9.75	138	BII-20C5-60SB	17.63	62.94	10.25	142	BII-20C6-60SB

35 Degree Troughing Idler										
Belt Width	5" Roller					6" Roller				
	H	B	E	Weight (lb)	Part Number	H	B	E	Weight (lb)	Part Number
20	12.34	20.75	8.50	48	BII-35C5-18SB	12.34	18.25	8.50	49	BII-35C6-18SB
24	13.13	24.34	8.50	55	BII-35C5-24SB	13.56	23.81	8.50	59	BII-35C6-24SB
30	15.34	29.88	8.50	68	BII-35C5-30SB	15.81	29.94	9.50	71	BII-35C6-30SB
36	16.56	35.94	8.75	76	BII-35C5-36SB	16.94	34.75	9.50	80	BII-35C6-36SB
42	18.25	40.88	9.00	93	BII-35C5-42SB	18.69	40.94	10.00	97	BII-35C6-42SB
48	19.34	46.94	9.00	110	BII-35C5-48SB	20.00	45.75	10.00	114	BII-35C6-48SB
54	21.00	51.75	9.50	124	BII-35C5-54SB	21.94	51.19	10.25	130	BII-35C6-54SB
60	22.06	57.34	9.75	138	BII-35C5-60SB	22.50	56.81	10.25	142	BII-35C6-60SB

45 Degree Troughing Idler										
Belt Width	5" Roller					6" Roller				
	H	B	E	Weight (lb)	Part Number	H	B	E	Weight (lb)	Part Number
24	14.34	22.50	8.50	55	BII-45C5-24SB	14.88	21.75	8.50	59	BII-45C6-24SB
30	16.88	27.44	8.50	68	BII-45C5-30SB	17.19	26.75	9.50	71	BII-45C6-30SB
36	18.94	32.44	8.75	76	BII-45C5-36SB	18.63	31.75	9.50	80	BII-45C6-36SB
42	20.19	37.56	9.00	93	BII-45C5-42SB	20.63	37.00	10.00	97	BII-45C6-42SB
48	22.00	42.56	9.00	110	BII-45C5-48SB	22.00	41.81	10.00	114	BII-45C6-48SB
54	23.50	47.56	9.50	124	BII-45C5-54SB	23.75	46.81	10.25	130	BII-45C6-54SB
60	24.94	52.69	9.75	138	BII-45C5-60SB	25.25	51.84	10.25	142	BII-45C6-60SB



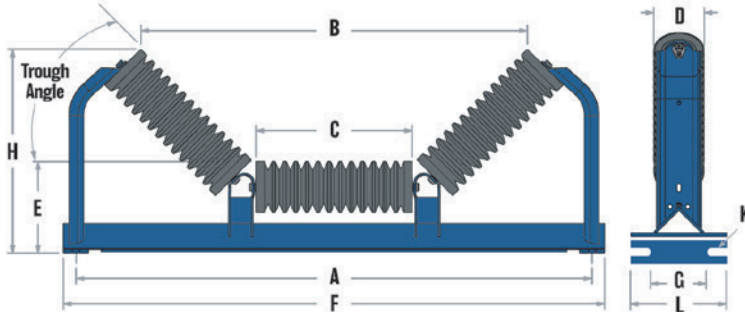
CEMA D STANDARD						
Belt Width	Frame Dimensions					
	A	F	G	L	C	K
24	33	35	5.75	6.50	9.06	0.63
30	39	41	6.00	7.50	11.13	0.63
36	45	47	6.00	7.50	13.19	0.63
42	51	53	6.00	7.50	15.31	0.63
48	57	59	6.00	7.50	17.38	0.63
54	63	65	7.50	9.00	19.44	0.63
60	69	71	7.50	9.00	21.56	0.63
66	75	77	7.50	9.00	23.63	0.63
72	81	83	7.50	9.00	25.75	0.63
			min.	max.		

20 Degree Troughing Idler										
Belt Width	5" Roller					6" Roller				
	H	B	E	Weight (lb)	Part Number	H	B	E	Weight (lb)	Part Number
24	11.06	27.13	8.50	51	BIS-20D5-24SB	12.19	26.81	8.50	60	BIS-20D6-24SB
30	12.69	33.19	8.50	59	BIS-20D5-30SB	13.50	32.75	9.50	70	BIS-20D6-30SB
36	13.50	39.00	8.75	66	BIS-20D5-36SB	14.25	38.69	9.50	79	BIS-20D6-36SB
42	14.50	45.13	9.00	80	BIS-20D5-42SB	15.25	44.81	10.00	92	BIS-20D6-42SB
48	15.34	51.19	9.00	94	BIS-20D5-48SB	16.25	50.75	10.00	106	BIS-20D6-48SB
54	16.50	57.00	9.50	107	BIS-20D5-54SB	17.25	56.69	10.25	120	BIS-20D6-54SB
60	17.19	63.13	9.75	116	BIS-20D5-60SB	19.25	62.81	10.25	133	BIS-20D6-60SB
66	17.94	68.75	9.75	126	BIS-20D5-66SB	19.88	68.50	11.13	147	BIS-20D6-66SB
72	18.69	74.88	9.75	135	BIS-20D5-72SB	20.50	74.44	11.13	158	BIS-20D6-72SB

35 Degree Troughing Idler										
Belt Width	5" Roller					6" Roller				
	H	B	E	Weight (lb)	Part Number	H	B	E	Weight (lb)	Part Number
24	13.94	24.50	8.50	51	BIS-35D5-24SB	13.75	23.94	8.50	60	BIS-35D6-24SB
30	15.50	30.00	8.50	59	BIS-35D5-30SB	15.94	29.44	9.50	70	BIS-35D6-30SB
36	16.75	35.44	8.75	66	BIS-35D5-36SB	17.13	34.88	9.50	79	BIS-35D6-36SB
42	18.25	41.00	9.00	80	BIS-35D5-42SB	18.75	40.44	10.00	92	BIS-35D6-42SB
48	19.56	46.44	9.00	94	BIS-35D5-48SB	20.00	45.88	10.00	106	BIS-35D6-48SB
54	21.00	51.88	9.50	107	BIS-35D5-54SB	21.25	51.94	10.00	120	BIS-35D6-54SB
60	22.25	57.50	9.75	116	BIS-35D5-60SB	23.00	56.94	10.00	133	BIS-35D6-60SB
66	24.00	63.00	9.75	126	BIS-35D5-66SB	23.75	62.44	11.13	147	BIS-35D6-66SB
72	24.75	68.63	9.75	135	BIS-35D5-72SB	25.00	67.88	11.13	158	BIS-35D6-72SB

45 Degree Troughing Idler										
Belt Width	5" Roller					6" Roller				
	H	B	E	Weight (lb)	Part Number	H	B	E	Weight (lb)	Part Number
24	14.63	22.63	8.50	51	BIS-45D5-24SB	15.13	21.88	8.50	60	BIS-45D6-24SB
30	17.13	27.56	8.50	59	BIS-45D5-30SB	17.44	26.88	9.50	70	BIS-45D6-30SB
36	18.56	32.56	8.75	66	BIS-45D5-36SB	18.88	31.88	9.50	79	BIS-45D6-36SB
42	20.44	37.75	9.00	80	BIS-45D5-42SB	20.75	37.00	10.00	92	BIS-45D6-42SB
48	22.00	42.69	9.00	94	BIS-45D5-48SB	22.25	41.69	10.00	106	BIS-45D6-48SB
54	23.13	47.69	10.00	107	BIS-45D5-54SB	23.75	47.00	10.00	120	BIS-45D6-54SB
60	25.00	51.81	10.00	116	BIS-45D5-60SB	25.25	52.06	10.00	133	BIS-45D6-60SB
66	26.75	57.69	9.75	126	BIS-45D5-66SB	26.75	53.69	11.13	147	BIS-45D6-66SB
72	28.00	62.81	9.75	135	BIS-45D5-72SB	28.34	61.75	11.13	158	BIS-45D6-72SB

TROUGHING CEMA D IMPACT

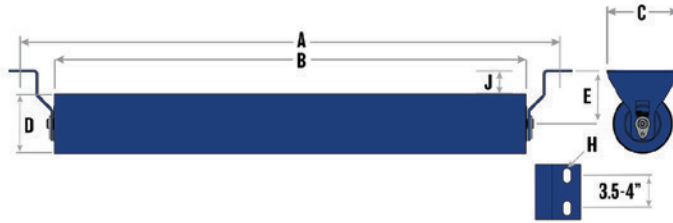


CEMA D IMPACT						
Belt Width	Frame Dimensions					
	A	F	G	L	C	K
24	33	35	5.75	6.50	9.06	0.63
30	39	41	6.00	7.50	11.13	0.63
36	45	47	6.00	7.50	13.19	0.63
42	51	53	6.00	7.50	15.94	0.63
48	57	59	6.00	7.50	17.34	0.63
54	63	65	7.50	9.00	19.44	0.63
60	69	71	7.50	9.00	21.56	0.63
66	75	77	7.50	9.00	23.63	0.63
72	81	83	7.50	9.00	25.75	0.63
			min.	max.		

20 Degree Troughing Idler										
Belt Width	5" Roller					6" Roller				
	H	B	E	Weight (lb)	Part Number	H	B	E	Weight (lb)	Part Number
24	11.06	26.63	8.50	55	BII-20D5-24SB	11.50	26.94	8.50	59	BII-20D6-24SB
30	12.69	32.56	8.50	68	BII-20D5-30SB	13.19	32.25	9.50	71	BII-20D6-30SB
36	13.50	38.50	8.75	76	BII-20D5-36SB	13.94	38.19	9.50	80	BII-20D6-36SB
42	14.69	44.63	9.00	93	BII-20D5-42SB	15.13	44.94	10.00	97	BII-20D6-42SB
48	15.25	50.56	9.00	110	BII-20D5-48SB	15.75	50.88	10.00	114	BII-20D6-48SB
54	16.44	56.50	9.50	124	BII-20D5-54SB	16.75	63.19	10.25	130	BII-20D6-54SB
60	17.06	62.63	9.75	138	BII-20D5-60SB	17.63	62.94	10.25	142	BII-20D6-60SB
66	17.75	68.81	9.75	152	BII-20D5-66SB	18.25	68.50	11.13	157	BII-20D6-66SB
72	18.94	74.81	9.75	166	BII-20D5-72SB	18.81	74.44	11.13	172	BII-20D6-72SB

35 Degree Troughing Idler										
Belt Width	5" Roller					6" Roller				
	H	B	E	Weight (lb)	Part Number	H	B	E	Weight (lb)	Part Number
24	13.13	24.34	8.50	55	BII-35D5-24SB	13.56	23.81	8.50	59	BII-35D6-24SB
30	15.34	29.88	8.50	68	BII-35D5-30SB	15.81	29.94	9.50	71	BII-35D6-30SB
36	16.56	35.94	8.75	76	BII-35D5-36SB	16.94	34.75	9.50	80	BII-35D6-36SB
42	18.94	40.88	9.00	93	BII-35D5-42SB	18.69	40.94	10.00	97	BII-35D6-42SB
48	19.34	46.94	9.00	110	BII-35D5-48SB	19.88	45.75	10.00	114	BII-35D6-48SB
54	20.94	51.75	9.50	124	BII-35D5-54SB	21.25	51.19	10.00	130	BII-35D6-54SB
60	22.06	57.34	9.75	138	BII-35D5-60SB	23.00	56.81	10.00	142	BII-35D6-60SB
66	23.00	62.44	9.75	152	BII-35D5-66SB	23.75	62.44	11.13	157	BII-35D6-66SB
72	24.56	67.88	9.75	166	BII-35D5-72SB	25.00	67.88	11.13	172	BII-35D6-72SB

45 Degree Troughing Idler										
Belt Width	5" Roller					6" Roller				
	H	B	E	Weight (lb)	Part Number	H	B	E	Weight (lb)	Part Number
24	14.34	22.50	8.50	55	BII-45D5-24SB	14.88	21.75	8.50	59	BII-45D6-24SB
30	16.88	27.44	8.50	68	BII-45D5-30SB	17.19	26.75	9.50	71	BII-45D6-30SB
36	18.94	32.44	8.75	76	BII-45D5-36SB	18.63	31.75	9.50	80	BII-45D6-36SB
42	20.19	37.56	9.00	93	BII-45D5-42SB	20.75	36.88	10.00	97	BII-45D6-42SB
48	22.75	42.56	9.00	110	BII-45D5-48SB	22.00	41.81	10.00	114	BII-45D6-48SB
54	23.50	57.56	10.00	124	BII-45D5-54SB	23.75	47.00	10.00	130	BII-45D6-54SB
60	25.00	52.69	10.00	138	BII-45D5-60SB	25.25	51.94	10.00	142	BII-45D6-60SB
66	26.44	53.69	9.75	152	BII-45D5-66SB	26.94	63.94	11.13	157	BII-45D6-66SB
72	27.88	61.75	9.75	166	BII-45D5-72SB	28.25	61.75	11.13	172	BII-45D6-72SB

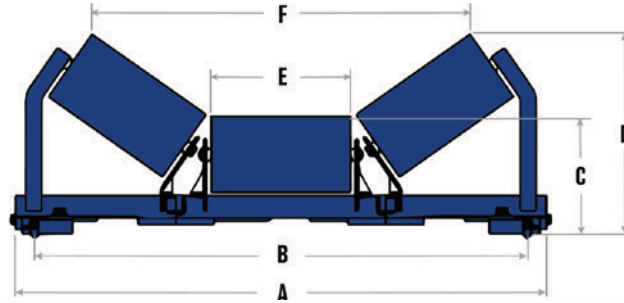


CEMA C - 5"									
Belt Width	Part Number	Weight (lb)	A	B	C	D	E	H	J
24	BIR-C5-24SB	28	33	27	6	5	4.25	0.63	1.75
30	BIR-C5-30SB	31	39	33	6	5	4.25	0.63	1.75
36	BIR-C5-36SB	35	45	39	6	5	4.25	0.63	1.75
42	BIR-C5-42SB	40	51	45	6	5	4.25	0.63	1.75
48	BIR-C5-48SB	47	57	51	6	5	4.25	0.63	1.75
54	BIR-C5-54SB	52	63	57	6	5	4.25	0.63	1.75
60	BIR-C5-60SB	59	69	63	6	5	4.25	0.63	1.75

CEMA C - 6"									
Belt Width	Part Number	Weight (lb)	A	B	C	D	E	H	J
24	BIR-C6-24SB	34	33	27	6	6	4.25	0.63	1.25
30	BIR-C6-30SB	38	39	33	6	6	4.25	0.63	1.25
36	BIR-C6-36SB	44	45	39	6	6	4.25	0.63	1.25
42	BIR-C6-42SB	49	51	45	6	6	4.25	0.63	1.25
48	BIR-C6-48SB	60	57	51	6	6	4.25	0.63	1.25
54	BIR-C6-54SB	66	63	57	6	6	4.25	0.63	1.25
60	BIR-C6-60SB	74	69	63	6	6	4.25	0.63	1.25

CEMA D - 5"									
Belt Width	Part Number	Weight (lb)	A	B	C	D	E	H	J
24	BIR-D5-24SB	28	33	27	6	5	4.25	0.63	1.75
30	BIR-D5-30SB	31	39	33	6	5	4.25	0.63	1.75
36	BIR-D5-36SB	35	45	39	6	5	4.25	0.63	1.75
42	BIR-D5-42SB	40	51	45	6	5	4.25	0.63	1.75
48	BIR-D5-48SB	47	57	51	6	5	4.25	0.63	1.75
54	BIR-D5-54SB	52	63	57	6	5	4.25	0.63	1.75
60	BIR-D5-60SB	59	69	63	6	5	4.25	0.63	1.75
66	BIR-D5-66SB	62	75	69	6	5	4.25	0.63	1.75
72	BIR-D5-72SB	67	81	75	6	5	4.25	0.63	1.75

CEMA D - 6"									
Belt Width	Part Number	Weight (lb)	A	B	C	D	E	H	J
24	BIR-D6-24SB	34	33	27	6	6	4.25	0.63	1.25
30	BIR-D6-30SB	38	39	33	6	6	4.25	0.63	1.25
36	BIR-D6-36SB	44	45	39	6	6	4.25	0.63	1.25
42	BIR-D6-42SB	49	51	45	6	6	4.25	0.63	1.25
48	BIR-D6-48SB	60	57	51	6	6	4.25	0.63	1.25
54	BIR-D6-54SB	66	63	57	6	6	4.25	0.63	1.25
60	BIR-D6-60SB	74	69	63	6	6	4.25	0.63	1.25
66	BIR-D6-66SB	79	75	69	6	6	4.25	0.63	1.25
72	BIR-D6-72SB	84	81	75	6	6	4.25	0.63	1.25



Simple Slide Standard Rolls								
Belt Width	A	B	C	D	E	F	Full Assembly Part Number	Frame Only Part Number
24	35.00	33.00	9.00	14.25	9.00	25.00	BISAS024TXXXXXSMPB	BISFS024TXXXXXSMPB
30	41.50	39.00	9.125	15.75	11.00	31.00	BISAS030TXXXXXSMPB	BISFS030TXXXXXSMPB
36	48.00	45.00	9.125	17.125	13.25	37.00	BISAS036TXXXXXSMPB	BISFS036TXXXXXSMPB
42	53.50	51.00	9.50	18.50	15.50	42.00	BISAS042TXXXXXSMPB	BISFS042TXXXXXSMPB
48	59.50	57.00	9.50	19.625	17.50	47.50	BISAS048TXXXXXSMPB	BISFS048TXXXXXSMPB
54	65.50	63.00	9.50	20.50	19.75	53.00	BISAS054TXXXXXSMPB	BISFS054TXXXXXSMPB
60	71.50	69.00	9.50	22.25	21.75	59.50	BISAS060TXXXXXSMPB	BISFS060TXXXXXSMPB

Simple Slide Impact Rolls								
Belt Width	A	B	C	D	E	F	Full Assembly Part Number	Frame Only Part Number
24	35.00	33.00	9.00	14.25	9.00	25.00	BISAS024TXXXXXIMPB	BISFS024TXXXXXIMPB
30	41.50	39.00	9.125	15.75	11.00	31.00	BISAS030TXXXXXIMPB	BISFS030TXXXXXIMPB
36	48.00	45.00	9.125	17.125	13.25	37.00	BISAS036TXXXXXIMPB	BISFS036TXXXXXIMPB
42	53.50	51.00	9.50	18.50	15.50	42.00	BISAS042TXXXXXIMPB	BISFS042TXXXXXIMPB
48	59.50	57.00	9.50	19.625	17.50	47.50	BISAS048TXXXXXIMPB	BISFS048TXXXXXIMPB
54	65.50	63.00	9.50	20.50	19.75	53.00	BISAS054TXXXXXIMPB	BISFS054TXXXXXIMPB
60	71.50	69.00	9.50	22.25	21.75	59.50	BISAS060TXXXXXIMPB	BISFS060TXXXXXIMPB

BISAS-XXX-TXX-1-C5-SMPB

<p>Benetech</p> <p>Idler/Roll</p> <p>I Idler Assembly</p> <p>R Roll</p> <p>Idler/Roll Type</p> <p>S Slide Out</p> <p>Frame</p> <p>A Assembly With Idlers</p> <p>F Frame Only</p> <p>Base Width</p> <p>S Standard Base</p> <p>W Wide Base</p> <p>Belt Width</p> <p>Troughing Angle</p>	<p>Color</p> <p>B Benetech Blue</p> <p>O Other</p> <p>Coating</p> <p>G Hot Dipped Galv.</p> <p>U Unpainted</p> <p>P Paint</p> <p>Frame Material</p> <p>M Mild Steel S Stainless</p> <p>Roller Type</p> <p>S Steel I Impact</p> <p>CEMA Class & Roll Diameter</p> <p>CEMA Frame</p> <p>1 C,D</p> <p>2 E</p>
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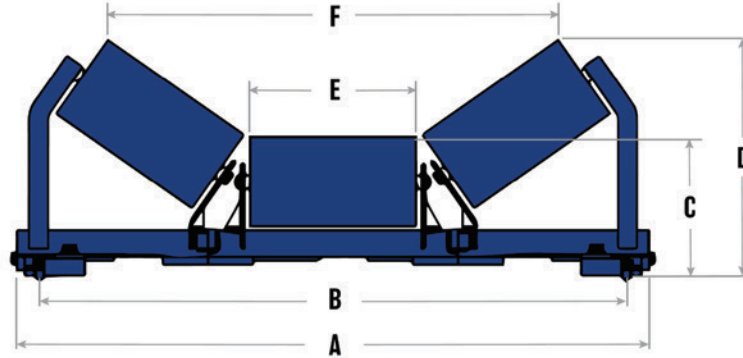
Simple Slide Return Idler



Simple Slide Return		
Belt Width	Full Assembly Part Number	Frame Only Part Number
24	BRISOAXXB024FLT	BRISOFXXB024FLT
30	BRISOAXXB030FLT	BRISOFXXB030FLT
36	BRISOAXXB036FLT	BRISOFXXB036FLT
42	BRISOAXXB042FLT	BRISOFXXB042FLT
48	BRISOAXXB048FLT	BRISOFXXB048FLT
54	BRISOAXXB054FLT	BRISOFXXB054FLT
60	BRISOAXXB060FLT	BRISOFXXB060FLT

BRISO-AS-C5-BXXX-FLT

Benetech Return Idler Slide Out	Frame	A Assembly With Idlers F Frame Only	Flat	Belt Width	24	48
					30	54
					36	60
					42	
					CEMA Class & Roller Diameter	



Drop & Slide Standard or Impact Rolls								
Belt Width	A	B	C	D	E	F	Full Assembly Part Number	Frame Only Part Number
24	35.00	33.00	9.00	14.25	9.00	25.00	BIDAS024TXXXXXSMPB	BIDFS024TXXXXXSMPB
30	41.50	39.00	9.125	15.75	11.00	31.00	BIDAS030TXXXXXSMPB	BIDFS030TXXXXXSMPB
36	48.00	45.00	9.125	17.125	13.25	37.00	BIDAS036TXXXXXSMPB	BIDFS036TXXXXXSMPB
42	53.50	51.00	9.50	18.50	15.50	42.00	BIDAS042TXXXXXSMPB	BIDFS042TXXXXXSMPB
48	59.50	57.00	9.50	19.625	17.50	47.50	BIDAS048TXXXXXSMPB	BIDFS048TXXXXXSMPB
54	65.50	63.00	9.50	20.50	19.75	53.00	BIDAS054TXXXXXSMPB	BIDFS054TXXXXXSMPB
60	71.50	69.00	9.50	22.25	21.75	59.50	BIDAS060TXXXXXSMPB	BIDFS060TXXXXXSMPB

BIDAS-XXX-TXX-1-C5-SMPB

<p>Benetech</p> <p>Idler/Roll</p> <p>I Idler Assembly</p> <p>R Roll</p> <p>Idler/Roll Type</p> <p>D Drop & Slide</p> <p>Frame</p> <p>A Assembly With Idlers</p> <p>F Frame Only</p> <p>Base Width</p> <p>S Standard Base</p> <p>W Wide Base</p> <p>Belt Width</p> <p>Troughing Angle</p>	<p>Color</p> <p>B Benetech Blue</p> <p>O Other</p> <p>Coating</p> <p>G Hot Dipped Galv.</p> <p>U Unpainted</p> <p>P Paint</p> <p>Frame Material</p> <p>M Mild Steel</p> <p>S Stainless</p> <p>Roller Type</p> <p>S Steel</p> <p>I Impact</p> <p>CEMA Class & Roll Diameter</p> <p>CEMA Frame</p> <p>1 C,D</p> <p>2 E</p>
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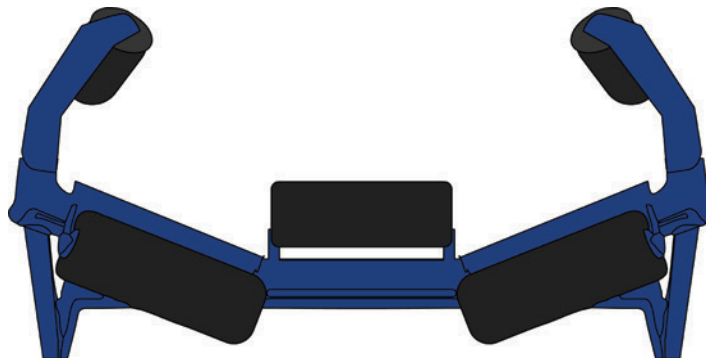
Return Drop		
Belt Width	Full Assembly Part Number	Frame Only Part Number
24	BIRAS024TXXXXXSMPB	BIRFS024TXXXXXSMPB
30	BIRAS030TXXXXXSMPB	BIRFS030TXXXXXSMPB
36	BIRAS036TXXXXXSMPB	BIRFS036TXXXXXSMPB
42	BIRAS042TXXXXXSMPB	BIRFS042TXXXXXSMPB
48	BIRAS048TXXXXXSMPB	BIRFS048TXXXXXSMPB
54	BIRAS054TXXXXXSMPB	BIRFS054TXXXXXSMPB
60	BIRAS060TXXXXXSMPB	BIRFS060TXXXXXSMPB

BIRAS -FLT-1 -C5 -SMPB

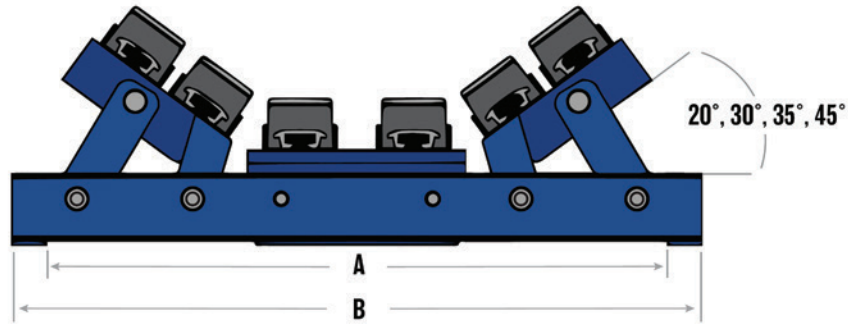
Benetech	Color
Idler/Roll	B Benetech Blue
I Idler Assembly	O Other
R Roll	Coating
Idler/Roll Type	G Hot Dipped Galv.
R Return Drop & Slide	U Unpainted
Frame	P Paint
A Assembly With Idlers	Frame Material
F Frame Only	M Mild Steel S Stainless
Base Width	Roller Type
S Standard Base	S Steel I Impact
W Wide Base	CEMA Class & Roll Diameter
Flat	CEMA Frame
	1 C,D
	2 E



Training Idler					
30 Series (CEMA C&D)		40 Series (CEMA E)		50 Series (CEMA F)	
Belt Width	Part Number	Belt Width	Part Number	Belt Width	Part Number
18	BRT018-SG45/30D	36	BRT036-SG90/40E	42	BRT042-SG105/50F
24	BRT024-SG60/30D	42	BRT042-SG105/40E	48	BRT048-SG120/50F
30	BRT030-SG75/30D	48	BRT048-SG120/40E	54	BRT054-SG135/50F
36	BRT036-SG90/30D	54	BRT054-SG135/40E	60	BRT060-SG150/50F
42	BRT042-SG105/30D	60	BRT060-SG150/40E	66	BRT066-SG165/50F
48	BRT048-SG120/30D	66	BRT066-SG165/40E	72	BRT072-SG180/50F
54	BRT054-SG135/30D	72	BRT072-SG180/40E	84	BRT084-SG210/50F



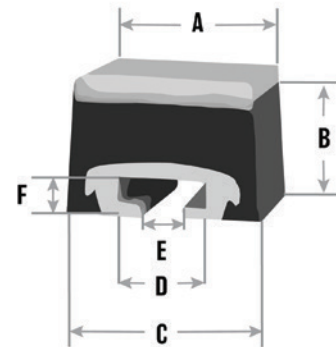
Troughing Training Idler			
3 Roller System		3 Roller System Heavy Duty	
Belt Width	Part Number	Belt Width	Part Number
18	BTT018-TSG45/3/35	42	BTT042-TSG105/3/35HD
24	BTT024-TSG60/3/35	48	BTT048-TSG120/3/35HD
30	BTT030-TSG75/3/35	54	BTT054-TSG135/3/35HD
36	BTT036-TSG90/3/35	60	BTT060-TSG150/3/35HD
42	BTT042-TSG105/3/35	66	BTT064-TSG165/3/35HD
48	BTT048-TSG120/3/35	72	BTT072-TSG180/3/35HD
54	BTT054-TSG135/3/35	84	BTT084-TSG210/3/35HD

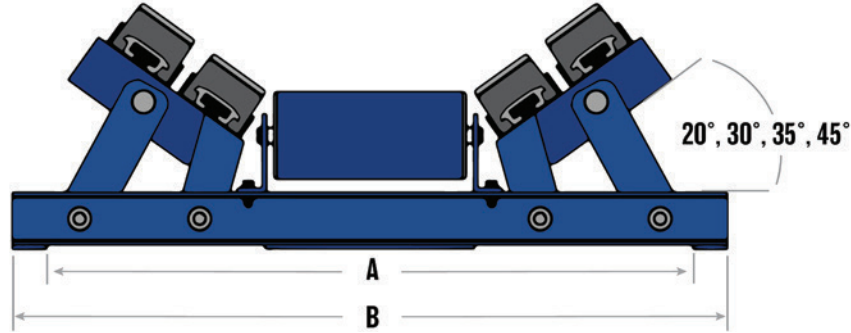


Warrior Impact Roll				
Belt Width	Number of Bars	A	B	Part Number
24	6	36	33	BIBT0024D1W0
30	6	42	39	BIBT0030D1W0
36	9	48	45	BIBT0036D1W0
42	9	54	51	BIBT0042D1W0
48	9	60	57	BIBT0048D1W0
54	9	66	63	BIBT0054D1W0
60	12	72	69	BIBT0060D1W0
72	15	84	81	BIBT0072D1W0

Warrior Impact Bar	
Bar Width	Product Number
48	BBSICB-A1-4

UHMW 48 Inch Bar	
A	3.7
B	3.0
C	4.0
D	1.5
E	0.75
F	0.51





Warrior Roll & Guide				
Belt Width	Number of Bars	A	B	Part Number
30	2	41.5	39.0	BSCT0030XXR0
36	2	47.5	45.0	BSCT0036XXR0
42	2	53.5	51.0	BSCT0042XXR0
48	3	59.5	57.0	BSCT0048XXR0
54	3	65.5	63	BSCT0054XXR0
60	4	71.5	69.0	BSCT0060XXR0
72	5	83.5	81.0	BSCT0072XXR0

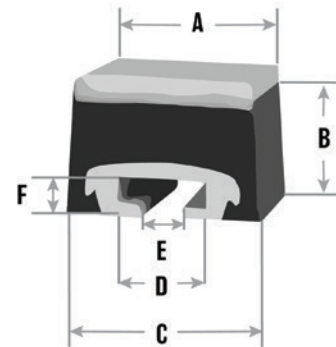
R0 = Standard Roll | R1 = Impact Roll

XX = CEMA Rating/Roller Size

Example: C5 = CEMA Rating "C" with 5" Roller Size

Warrior Impact Bar	
Bar Width	Product Number
48	BBSICB-A1-4

UHMW 48 Inch Bar	
A	3.7
B	3.0
C	4.0
D	1.5
E	0.75
F	0.51





AIRMATIC founded in 1944, is a woman-owned Industrial Distributor, with installation and maintenance capabilities, offering equipment, machinery, and shop supplies to the Industrial, Construction, Utility, Government, and Commercial Markets. Our products and services are sold through three business units:

The **MATERIALS MANAGEMENT GROUP** provides products and services to industries that convey, store, transport, and process powders and bulk solids from aggregates, cement, and chemicals to foods, grains, metals, power generation, and waste water treatment applications;

The **SERVICE GROUP** provides fabrication, installation, and maintenance services to improve bulk materials handling efficiency; mechanical clean-out services for silos and hoppers to eliminate material flow problems; and shop repair/rebuilding and modifications services of products sold by the Company.

The **TOOL GROUP** provides power tools, personal protective equipment, materials-handling equipment, shop equipment and MRO supplies used for production, fabrication, assembly, metal removal, maintenance, and storage in manufacturing, construction, utility, and commercial applications.

Our Customers tell us that by choosing AIRMATIC to solve their problems, they gain increased productivity, decreased costs, and a safer, cleaner work environment.



BENETECH is a pioneer in reducing combustible dust and improving bulk material handling systems. Initially focused on dust suppression, BENETECH quickly became respected as the premier dust suppression provider in the United States. As client relationships grew, BENETECH engineering group and field technician group was called upon to handle various bulk material handling issues. BENETECH embarked on a company-wide initiative in the '90s to research and develop a complete bulk material handling product and services line. Through two acquisitions and the building of "best-in-class" divisions for Dust Collection, Advanced Chute Transfer Systems, Washdown Systems, and Suppression, BENETECH has become the only Engineering, Procurement, and Construction (EPC) company with in-house engineering, equipment, manufacturing, research, chemical production, and field service capabilities.

AIRMATIC

284 Three Tun Rd. Malvern, PA 19355

215.333.5600

infocenter@airmatic.com

airmatic.com