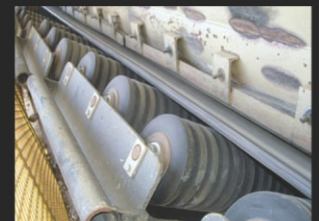


*Providing the World Bulk Material Handling Industry
with Productive, Safe and Reliable "Complete Conveyor Solutions."*

load zone support systems

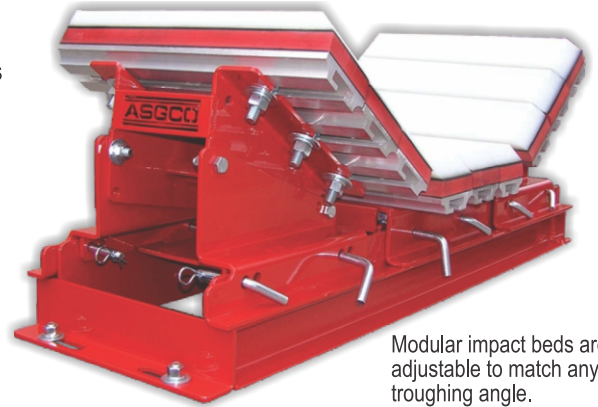


Modular Impact/Idler Beds

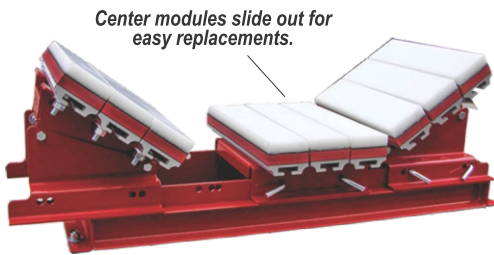
Modular Design Allows for Easy Maintenance

ASGCO's **Modular Impact Beds** are 18" long by belt width and are designed for easy change out and maintenance. By simply loosening four pins per segment you can remove the center portion of the bed from either side of the conveyor. ASGCO's impact bars allow tightest segment fit in the industry, eliminating potential material from getting caught in between the bars.

- **Provide for Load Support** - while helping to eliminate spillage in the load zone.
- **Only Manufacturer Providing Super Absorbent ORG Rubber** - that is 40 Durometer and readily takes the shock of large material.
- **Superior Resistance Against Impact** - with two 3" channel cross support members on all impact beds.
- **Multiple 18" Beds** - can be assembled to make 18", 36", 54", etc.
- **Adjustable Wings** - to match any troughing angle. (20°, 35°, 45°)

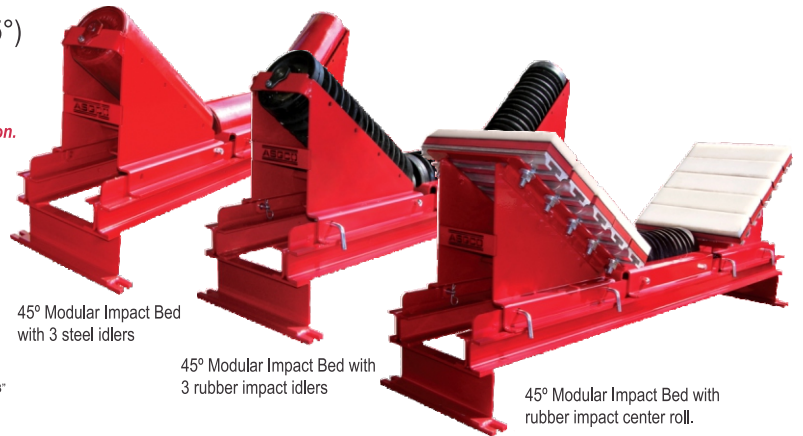


Modular impact beds are adjustable to match any troughing angle.



Center modules slide out for easy replacements.

Available with steel or impact rolls as an option.

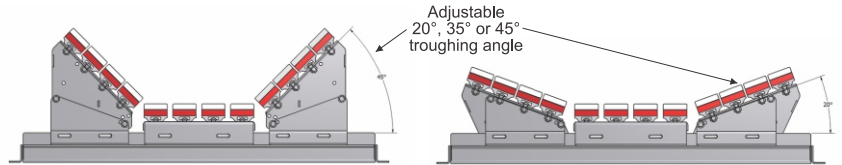
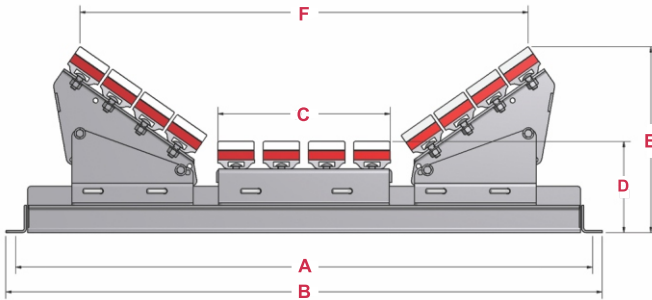
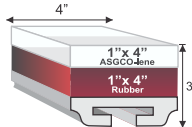


45° Modular Impact Bed with 3 steel idlers

45° Modular Impact Bed with 3 rubber impact idlers

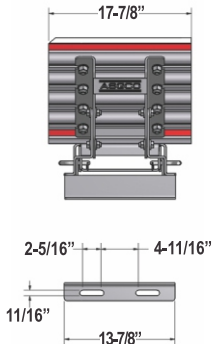
45° Modular Impact Bed with rubber impact center roll.

- Bolt cross-frame into conveyor
 - Slide center section into center of cross-frame
 - Slide 2 wing frames into each side
 - Pin in place
- Installation is complete!**



Adjustable 20°, 35° or 45° troughing angle

Modular Impact Idler Beds



BW (in)	Part Number	Dimensions (in)									
		A	B	C	D	E			F		
						20°	35°	45°	20°	35°	45°
24	M-MIB-24-6-18-2-Y	33	35.5	8.88	9.25	12.45	14.45	15.67	26.75	24.31	22.07
30	M-MIB-30-6-18-2-Y	39	41.5	10.31	9.63	12.79	14.84	16.01	30.32	27.94	25.56
36	M-MIB-36-9-18-2-Y	45	47.5	12.88	9.63	13.96	16.87	18.57	37.29	34.07	31.37
42	M-MIB-42-9-18-2-Y	51	53.5	14.88	9.63	14.47	17.70	19.58	41.94	38.50	35.28
48	M-MIB-48-12-18-2-Y	57	59.5	16.88	10.00	15.79	19.66	21.89	49.31	45.31	41.61
54	M-MIB-54-12-18-2-Y	63	65.5	18.88	10.00	16.22	20.38	22.77	53.44	49.06	44.81
60	M-MIB-60-15-18-2-Y	69	71.5	20.88	10.00	17.26	22.08	24.80	61.19	55.97	51.45
72	M-MIB-72-18-18-2-Y	81	83.5	24.88	10.38	18.94	24.69	28.01	72.54	66.61	61.04
84	M-MIB-84-21-18-2-Y	93	95.5	28.88	10.38	20.31	26.98	30.84	84.13	77.15	70.69
96	M-MIB-96-24-18-2-Y	105	107.5	32.88	10.75	22.05	29.66	34.05	95.64	87.71	80.34

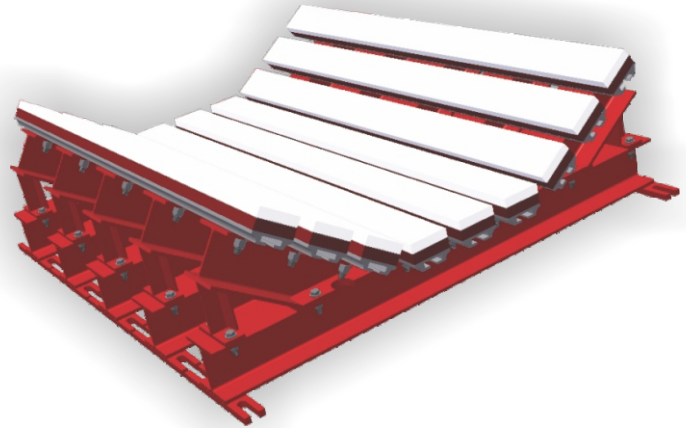
Y- represents troughing angle

Load Zone Support - Impact Beds

Impact Beds/Slide-N-Seal™

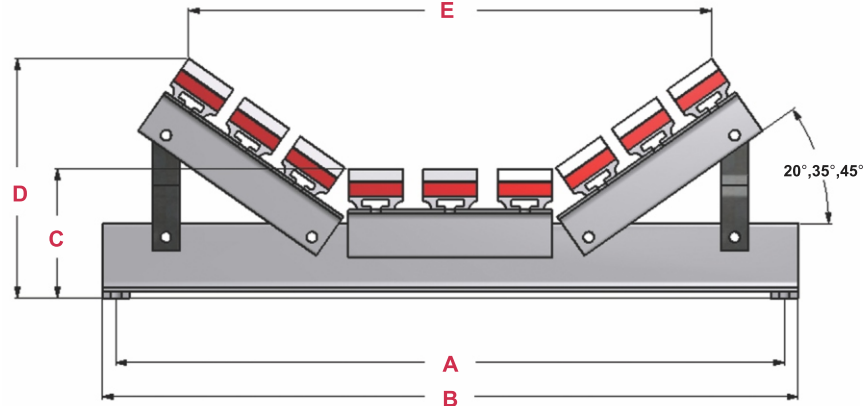
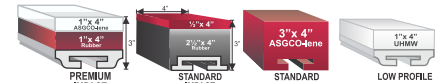
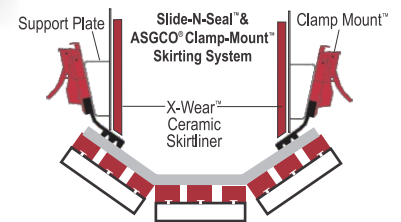
ASGCO®'s **Impact Beds** are designed for whatever you throw at them. Our modular impact beds provide impact protection for the conveyor belt, as well as a tool to help control spillage in the conveyor-loading zone.

- **Absorbs Impact** - with our impact bars that are manufactured with our absorbent, 40-durometer rubber and readily takes the shock of large material.
- **Designed** - beds can be manufactured in 2' (600mm), 4' (1200mm) or 5' (1500mm) long, depending upon the size of your material impact area.
- **Custom Built** - beds are designed for your specific application.
- **Meets CEMA Design Standards.**



ASGCO®'s **Slide-N-Seal™** support beds provide effective load support, while helping to eliminate spillage in the load zone. Every bed is designed around solving the problem of that specific application.

- **Load Zone Supported** - by heavy-duty steel frames and our standard 3" (75mm) high, by 4" (100mm) wide UHMW rails.
- **Skirting Sealed** - by the low friction UHMW bars that provide a flat surface for the skirting material to seal effectively.
- **Designed** - Custom-built beds can be made into 2' (600mm), 4' (1200mm) or 5' (1500mm) long and to match any troughing angle.



Impact Beds/Slide-N-Seal™

BW (in)	Part Number Impact Bed	Part Number Slide-N-Seal	Dimensions (in)									Num of Bars
			A	B	C	D			E			
						20°	35°	45°	20°	35°	45°	
18	M-IB-18-6-Y-Z	M-S&S-18-6-Y-Z	27	29.0	8.06	10.81	12.44	13.88	21.88	19.56	17.94	6
24	M-IB-24-6-Y-Z	M-S&S-24-6-Y-Z	33	35.0	8.19	11.63	13.69	15.00	27.63	24.81	22.75	6
30	M-IB-30-6-Y-Z	M-S&S-30-6-Y-Z	39	41.0	8.19	12.31	14.88	16.44	33.44	30.06	27.63	6
36	M-IB-36-9-Y-Z	M-S&S-36-9-Y-Z	45	47.0	8.19	13.00	16.13	17.88	39.19	35.38	32.44	9
42	M-IB-42-9-Y-Z	M-S&S-42-9-Y-Z	51	53.0	8.56	14.06	17.56	19.63	44.94	40.63	37.25	9
48	M-IB-48-12-Y-Z	M-S&S-48-12-Y-Z	57	59.0	8.56	14.75	18.81	21.06	50.69	45.94	42.06	12
54	M-IB-54-12-Y-Z	M-S&S-54-12-Y-Z	63	65.0	9.00	15.88	20.25	22.88	56.44	51.81	46.94	12
60	M-IB-60-15-Y-Z	M-S&S-60-15-Y-Z	69	71.0	9.00	16.56	21.44	24.31	62.19	56.50	51.75	15
72	M-IB-72-18-Y-Z	M-S&S-72-18-Y-Z	81	83.0	11.25	20.44	26.38	29.69	76.56	69.44	63.06	18
84	M-IB-84-21-Y-Z	M-S&S-84-21-Y-Z	93	95.0	11.50	22.06	29.88	32.75	88.06	80.00	72.75	21
96	M-IB-96-24-Y-Z	M-S&S-96-24-Y-Z	105	107.0	11.50	23.44	31.19	35.56	99.56	90.65	82.44	24

Y - represents bed length Z - represents number of supports

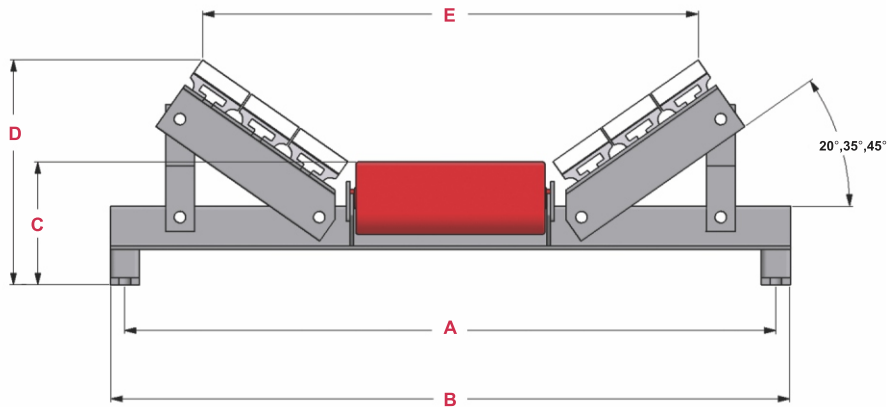
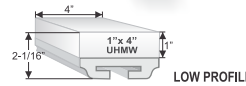
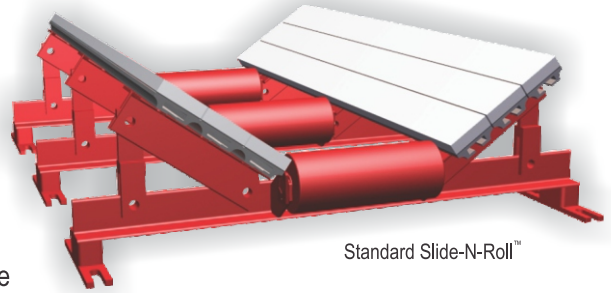
This Chart is based on, Cema C 5" dia idler for sizes 18-60 and Cema E 6" dia. Idler for sizes 72-96.

Load Zone Support - Slide-N-Roll Beds

Slide-N-Roll™ Beds

Slide-N-Roll™ Beds provide for an effective load support while helping to eliminate dust and spillage in the conveyor load zone. By replacing the side troughing idlers with low friction UHMW bars, this will help reduce the belt friction and will eliminate the gap in between the idlers to provide an effective sealing surface for the skirting.

- **Increase Belt Life** - by eliminating the gaps, scalloping and pinch points between the belt and the skirt liners which can cut and gouge the belt, are eliminated.
- **Seals the Transfer Point** - by supporting the belt edge on a flat surface that allows the skirting to work more effectively for an effective seal.
- **Robust Designed** - steel frames and 1" (25mm) thick UHMW slider bars provide excellent wear life.
- **Engineered and Designed** - beds can be made into 4' (1200mm), 5' (1500mm), 6' (1800mm) or 10' (3000mm) lengths.
 - Any troughing angle.
 - Number of frames will be determined by each application.



Slide-N-Roll™ Beds

BW (in)	Part Number	Dimensions (in)									Num of Bars
		A	B	C	D			E			
					20°	35°	45°	20°	35°	45°	
18	M-S&RLD-18-2-Y-Z	27	29.0	8.31	10.81	12.44	13.88	21.88	19.56	17.94	2
24	M-S&RLD-24-4-Y-Z	33	35.0	8.44	11.63	13.69	15.00	27.63	24.81	22.75	4
30	M-S&RLD-30-4-Y-Z	39	41.0	8.44	12.31	14.88	16.44	33.44	30.06	27.63	4
36	M-S&RLD-36-6-Y-Z	45	47.0	8.44	13.00	16.13	17.88	39.19	35.38	32.44	6
42	M-S&RLD-42-6-Y-Z	51	53.0	8.81	14.06	17.56	19.63	44.94	40.63	37.25	6
48	M-S&RLD-48-6-Y-Z	57	59.0	8.81	14.75	18.81	21.06	50.69	45.94	42.06	6
54	M-S&RLD-54-8-Y-Z	63	65.0	9.25	15.88	20.25	22.88	56.44	51.81	46.94	8
60	M-S&RLD-60-8-Y-Z	69	71.0	9.25	16.56	21.44	24.31	62.19	56.50	51.75	8
72	M-S&RLD-72-10-Y-Z	81	83.0	11.50	20.44	26.38	29.69	76.56	69.44	63.06	10
84	M-S&RLD-84-12-Y-Z	93	95.0	11.75	22.06	29.88	32.75	88.06	80.00	72.75	12
96	M-S&RLD-96-14-Y-Z	105	107.0	11.75	23.44	31.19	35.56	99.56	90.65	82.44	14

Y - represents bed length Z - represents number of supports
 This Chart is based on, Cema C 5" dia idler for sizes 18-60 and Cema E 6" dia. Idler for sizes 72-96.

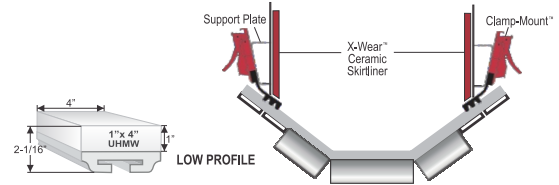
Load Zone Support - Slide-N-Roll™ Beds/Roller Cassettes

3 Roll Slide-N-Roll™ Beds

ASGCO®'s patented **3-Roll Slide-N-Roll™ Beds** is the ultimate in loading zone spillage control for wide, high speed and high tonnage conveyor belts as seen in below ground, above ground mining and port facilities. Our patented design encompasses a three-roller idler with low-friction UHMW bars, creating a dust free high-speed material transfer point.

- **Specifically Designed** - for wide, hi-speed (over 700 fpm), and high tonnage conveyor systems.
- **Reduces Dust** - by maintaining a flat area in the load zone for the skirting to maintain an effective seal against the conveyor belt.
- **Robust Design** - for the toughest applications in the material handling industry.
- **Custom Built** - beds can be made into 4' (1200mm), 5' (1500mm), 6' (1800mm) or into our 10' (3m) standard length bed with frames on 12" centers.

For additional sizes contact ASGCO®



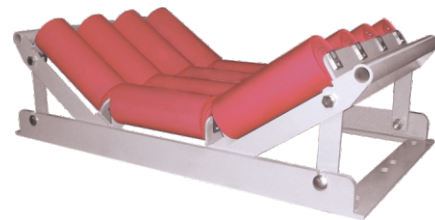
Roller Cassette Beds

Roller Cassettes Beds incorporate the advantages of slider and impact bars for sealing while maintaining constant rolling support for the conveyor belt in the load zone. This system provides additional rolling support as well as being able to eliminate the deflection between the belt and standard impact or troughing belt idlers.

- **Load Supported** - by having up to 4 sets of troughing idlers (12 rolls) in an area that you would normally only have 2 (6 rolls).
- 9 or 12 idler sets are available.
- Rolls can be spaced on 5" (125mm) to 7" (175mm) centers based on the roll diameter.
- **Custom Designed** - to suit your particular application.
- Impact, Steel, or Ceramic rollers are available.
- Stainless, Galvanized or Steel frames are available.
- **Meets All CEMA Standards** - and available in any belt width or troughing angle.

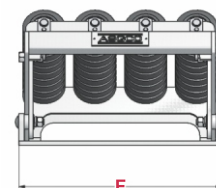
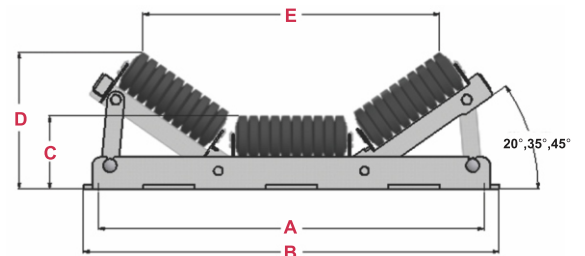


Impact or Steel Idlers



Roller Cassette Beds

BW (in)	Part Number	Dimensions (in)					Number of Rolls	
		A	B	C	D 35°	E 35°	F	
24	M-ASGRC-24-Y-Z	33	36.5	8.65	13.70	24.07	16.938	23.94
30	M-ASGRC-30-Y-Z	39	42.5	8.65	14.86	29.37		
36	M-ASGRC-36-Y-Z	45	48.5	8.65	15.99	34.61		
42	M-ASGRC-42-Y-Z	51	54.5	8.65	17.14	39.88		
48	M-ASGRC-48-Y-Z	57	60.5	8.65	18.29	45.18		
54	M-ASGRC-54-Y-Z	63	66.5	8.65	19.44	50.45		
60	M-ASGRC-60-Y-Z	69	72.5	8.65	20.60	55.75		
72	M-ASGRC-72-Y-Z	81	84.5	8.65	22.89	66.29		



Y- represents the number of rolls (9 or 12) Z - represents troughing angle

This chart is based on Cema D 6" dia impact rolls with 35° troughing angle. For additional sizes or troughing angles contact ASGCO®.

Customer Service
800-344-4000 or
610-821-0216



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