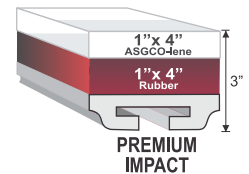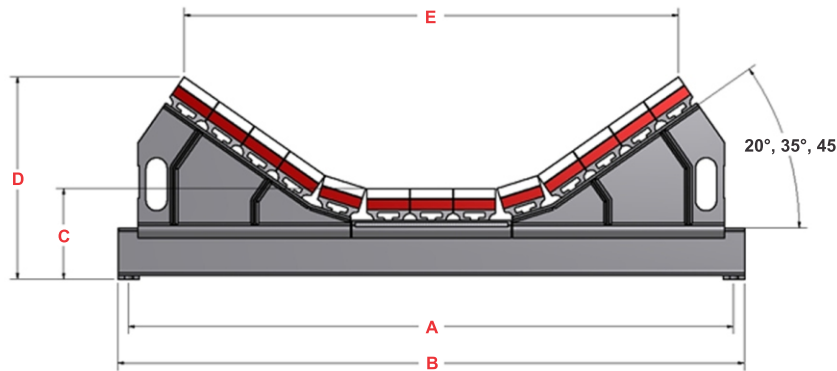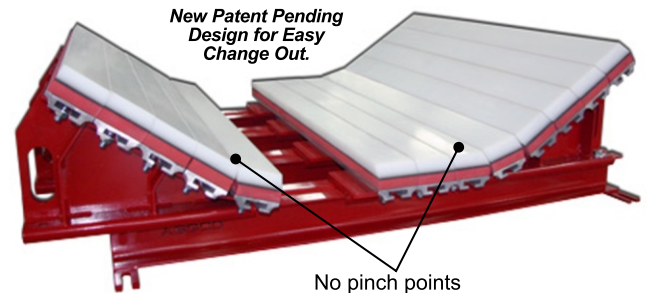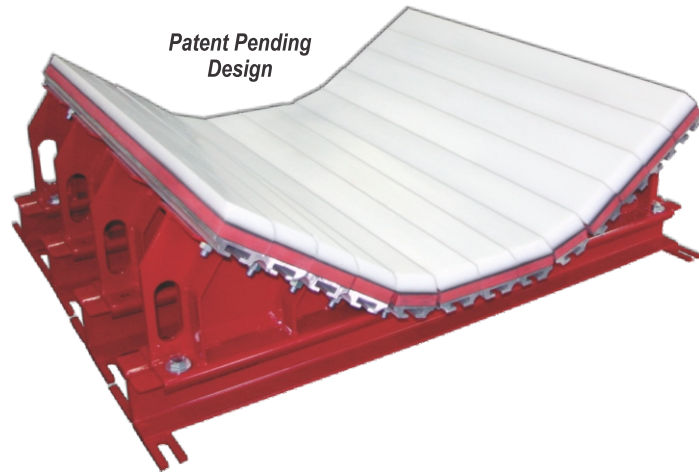ASGCO®'s **Impact Bed Cradles** are (patent Pending) designed to provide protection to your conveyor belt from impact damage from large rocks, tramp metal, roof bolts or bucket teeth can put a stop to operations. Our modular style impact beds provide impact protection for the conveyor belt, as well as a tool to help control spillage in the conveyor-loading zone. The Impact Bed Cradles support the conveyor belt across the entire width using our unique semi-U-shaped design that eliminates any unsupported areas between the rollers or bars on traditional impact idlers or traditional impact beds where typical damage can occur in the idler junction points. The Impact Bed Cradles consist of a heavy duty frame with removable (Slide-in or Slide-out) sides and center sections for ease of installation and maintenance.

- **Improved Impact Cradles** - no pinch point or idler junction area utilizing our 17.5° bars for 35° idler systems; 10° degree bars for 20° idler systems and 22.5° degree bars for 45° idler systems.

- **Absorbs Impact** - with heavy duty steel designed framework and our impact bars that are manufactured with our absorbent, 40-durometer rubber that can really take the shock of large material.

- **Modular Designed** - cradles can be manufactured in 2' (600mm), 3' (900mm), 4' (1200mm) or 5' (1500mm) long, depending upon the size of your material impact area.

- **Available in Either** - standard duty (1,000 ft/lbs) or mine duty (2,000 ft/lbs) of impact.

Patent Pending Design

New Patent Pending Design for Easy Change Out.

No pinch points

20°, 35°, 45

PREMIUM IMPACT
1"x 4" ASGCO-lene
1"x 4" Rubber
3"

STANDARD IMPACT
½"x 4"
2½"x 4" Rubber
4"
3"
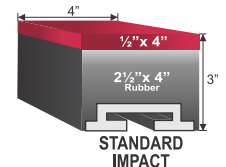
BW (in)	Part Number Standard Duty 1000ft/lbs	Part Number Mine Duty 2000ft/lbs	Dimensions (in)								
			A	B	C	D			E		
						20°	35°	45°	20°	35°	45°
24	M-IB-24-7-Y-Z-(XX)	M-IBIB-24-7-(XX)-SHD-1-Y-Z	33	35.0	8.19	11.63	13.69	15.00	27.63	24.81	22.75
30	M-IB-30-7-Y-Z-(XX)	M-IBIB-30-7-(XX)-SHD-1-Y-Z	39	41.0	8.19	12.31	14.88	16.44	33.44	30.06	27.63
36	M-IB-36-10-Y-Z-(XX)	M-IBIB-36-10-(XX)-SHD-1-Y-Z	45	47.0	8.19	13.00	16.13	17.88	39.19	35.38	32.44
42	M-IB-42-10-Y-Z-(XX)	M-IBIB-42-10-(XX)-SHD-1-Y-Z	51	53.0	8.56	14.06	17.56	19.63	44.94	40.63	37.25
48	M-IB-48-13-Y-Z-(XX)	M-IBIB-48-13-(XX)-SHD-1-Y-Z	57	59.0	8.56	14.75	18.81	21.06	50.69	45.94	42.06
54	M-IB-54-13-Y-Z-(XX)	M-IBIB-54-13-(XX)-SHD-1-Y-Z	63	65.0	9.00	15.88	20.25	22.88	56.44	51.81	46.94
60	M-IB-60-16-Y-Z-(XX)	M-IBIB-60-16-(XX)-SHD-1-Y-Z	69	71.0	9.00	16.56	21.44	24.31	62.19	56.50	51.75
72	M-IB-72-19-Y-Z-(XX)	M-IBIB-72-19-(XX)-SHD-1-Y-Z	81	83.0	11.25	20.44	26.38	29.69	76.56	69.44	63.06
84	M-IB-84-22-Y-Z-(XX)	M-IBIB-84-22-(XX)-SHD-1-Y-Z	93	95.0	11.50	22.06	29.88	32.75	88.06	80.00	72.75
96	M-IB-96-25-Y-Z-(XX)	M-IBIB-96-25-(XX)-SHD-1-Y-Z	105	107.0	11.50	23.44	31.19	35.56	99.56	90.65	82.44

Y - represents bed length   **Z** - represents number of supports   (XX) = degree of trough