

QUARRY DUTY IMPACT BED

Efficient and Safe Protection for the Load Zone

ASGCO®

Complete Conveyor Solutions

ASGCO®'s Quarry Duty Impact Beds are designed to offer an efficient and safe means of protecting the conveyor belt and helping to eliminate spillage / dust in the load zone. While the specification and installation of the impact beds is simple, the robust design provides the rugged durability needed for quarries and today's demanding applications.

Powder Coated
steel frame

Long-wearing UHMW
slider bar ideal for
sealing load zone



Standard Duty Shown
(750 QDSD)

Available trough
angles:
20°, 35°, 45°

Wing Sections can be
lowered for install and
service

Also Available in Light
Duty (250 QDLD)



PRODUCT SPECIFICATIONS:

- **Maximum Belt Speed**
800 FPM (4M/sec)
- **Max Temperature Rating**
-40 F to 180 F (-40 C to 82 C)
- **Impact Bar Material**
UMHW Polyurethane, Rubber
Cushion and aluminum extrusion
- **Available for Belt Widths**
24" to 48" (600 to 1200mm)
- **Impact Energy**
Max Lump Weight (lb) x Drop Height (ft.)
Up to 250 lb-ft for QDLD and 250 to 750 lb-ft.
for QDSD
- **Applications**
Aggregate Quarries, Cement, Wood
Processing, Recycling and Mineral
(Phosphate, Potash, Salt, Frac Sand) Mining

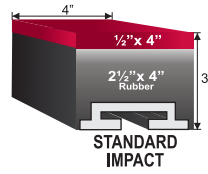
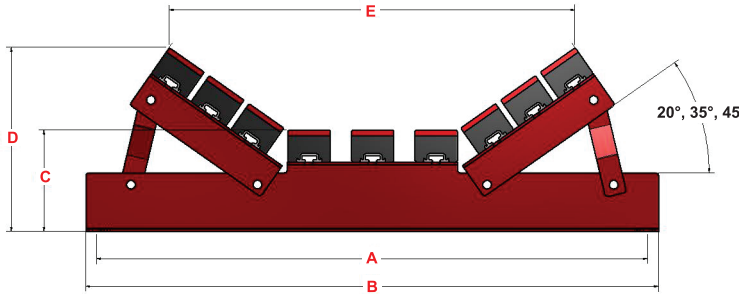
- **Protects the Conveyor Belt** – The robust design for aggregate and quarry operations is able to take the impact of falling materials while maintaining an effective seal of the skirtboards.
- **Efficient and Safe** – Safe and easy installation and service of the impact beds is a priority in any operation.
- **Affordable Options** – Available in both Light Duty (up to 250 lb.-ft.) and Standard Duty (between 250- 750 lb.-ft.) in either 4' or 5' long beds.

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QUARRY DUTY IMPACT BED



Quarry Duty Impact Bed
Standard Duty - 750 ft/lbs (QSDS)

BW (IN)	Part Number Light Duty Impact Bed 250 lbs. ft.	Part Number Standard Duty Impact Bed 250 lb. ft.	Dimensions (in)									Num of Bars
			A	B	C	D			E			
						20°	35°	45°	20°	35°	45°	
24	M-IB-24-Y-2-(XX)-QDLD	M-IB-24-Y-3-(XX)-QSDS	33	35.0	8.19	11.63	13.69	15.00	27.63	24.81	22.75	6
30	M-IB-30-Y-2-(XX)-QDLD	M-IB-30-Y-3-(XX)-QSDS	39	41.0	8.19	12.31	14.88	16.44	33.44	30.06	27.63	6
36	M-IB-36-Y-2-(XX)-QDLD	M-IB-36-Y-3-(XX)-QSDS	45	47.0	8.19	13.00	16.13	17.88	39.19	35.38	32.44	7
42	M-IB-42-Y-2-(XX)-QDLD	M-IB-42-Y-3-(XX)-QSDS	51	53.0	8.56	14.06	17.56	19.63	44.94	40.63	37.25	9
48	M-IB-48-Y-2-(XX)-QDLD	M-IB-48-Y-3-(XX)-QSDS	57	59.0	8.56	14.75	18.81	21.06	50.69	45.94	40.06	10

Y - represents bed length (48 or 60) (XX) = degree of trough (25/30/45)
This Chart is based on, Cema C 5" dia idler for sizes. May vary based on customers request.

Quarry Duty Impact Bed™ - Light Duty (250 lb-ft - QDLD)

Light Duty Impact Bed, 48" Long System with 2 Supports 20, 35, 45 Degrees (250 lb - ft)				
Part Number	No. of Bars	Belt in	Width mm	No. of Supports
M-IB-24-6-48-2-(XX)-QDLD	6	24	600	2
M-IB-30-6-48-2-(XX)-QDLD	6	30	750	2
M-IB-36-7-48-2-(XX)-QDLD	7	36	900	2
M-IB-42-9-48-2-(XX)-QDLD	9	42	1050	2
M-IB-48-10-48-2-(XX)-QDLD	10	48	1200	2

Light Duty Impact Bed, 60" Long System with 2 Supports 20, 35, 45 Degrees (250 lb - ft)				
Part Number	No. of Bars	Belt in	Width mm	No. of Supports
M-IB-24-6-60-2-(XX)-QDLD	6	24	600	2
M-IB-30-6-60-2-(XX)-QDLD	6	30	750	2
M-IB-36-7-60-2-(XX)-QDLD	7	36	900	2
M-IB-42-9-60-2-(XX)-QDLD	9	42	1050	2
M-IB-48-10-60-2-(XX)-QDLD	10	48	1200	2

(XX) - Please enter 20, 35 or 45 for the degree of trough

Quarry Duty Impact Bed™ - Standard Duty (750 lb-ft - QSDS)

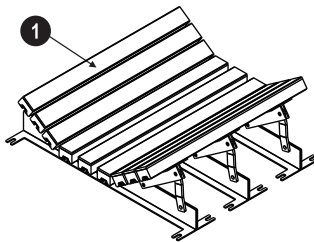
Std. Duty Impact Bed, 48" Long System with 3 Supports 20, 35, 45 Degrees (750 lb - ft)				
Part Number	No. of Bars	Belt in	Width mm	No. of Supports
M-IB-24-6-48-3-(XX)-QSDS	6	24	600	3
M-IB-30-6-48-3-(XX)-QSDS	6	30	750	3
M-IB-36-7-48-3-(XX)-QSDS	7	36	900	3
M-IB-42-9-48-3-(XX)-QSDS	9	42	1050	3
M-IB-48-10-48-3-(XX)-QSDS	10	48	1200	3

Std. Duty Impact Bed, 60" Long System with 3 Supports 20, 35, 45 Degrees (750 lb - ft)				
Part Number	No. of Bars	Belt in	Width mm	No. of Supports
M-IB-24-6-60-3-(XX)-QSDS	6	24	600	3
M-IB-30-6-60-3-(XX)-QSDS	6	30	750	3
M-IB-36-7-60-3-(XX)-QSDS	7	36	900	3
M-IB-42-9-60-3-(XX)-QSDS	9	42	1050	3
M-IB-48-10-60-3-(XX)-QSDS	10	48	1200	3

(XX) - Please enter 20, 35 or 45 for the degree of trough

Standard Impact Replacement Parts		
Key	Description	Part Number
1	Impact Rail 3"x4"x4"x60	ASG-IBRAIL-RU-.5-60
1	Impact Rail 3"x4"x4"x48	ASG-IBRAIL-RU-.5-48
	Replacement Hardware Kit	M-ASG-CB-COM-G5

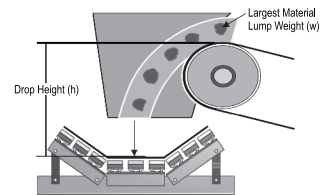
(XX) - Please enter 20, 35 or 45 for the degree of trough



How to spec the correct impact bed for your conveyor transfer point

Impact Energy
Lump Weight (w) _____
Drop Height (h) x _____
Total = lb-ft _____

Impact Energy Calculation Chart



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