

# EVO® Impact Cradle



Absorbs the force of falling material to prevent damage to the belt and structure and stabilizes the belt line to prevent material escape.

## Application Guidelines

### Application Notes

- Complies with CEMA Standard 575-2000 Medium-Duty Rating for impacts up to 12,000 pounds force.
- Suitable for use with most industrial chemicals.

### Technical Requirements

- Install so bars in center of cradle are set slightly (1/2 to 3/4 in.) below the belt's unloaded line of travel.
- Wing bars on the sides of the cradle should be installed inline with the rollers on the idlers adjacent to cradle.
- Verify there is adequate power in the conveyor drive system to compensate for additional friction on belt.

### CRADLE SIZES AND FEATURES

Belt Width	Qty. of Bars	Stringer Width	Mounting Centers
36 (800-1000)	7	48 (1219)	45 (1143)
42 (1000-1200)	9	54 (1317)	51 (1295)
48 (1200-1400)	10	60 (1529)	57 (1448)
54 (1400-1600)	12	66 (1667)	63 (1600)
60 (1600-1800)	13	72 (1829)	69 (1753)

Dimensions—in. (mm)

Specifications	
Bar Material	Urethane
Bar Length	2 ft (610 mm)
Service Temp.	-20° to 160°F (-29° to 70°C)
Bar Part Number	UC-001530

### NOMENCLATURE — UCGB XX X XX X X X X X

1. Part Number Prefix
2. The first XX indicates belt width.
3. The next X indicates stringer spacing:  
S = Standard Base  
W = Wide Base
4. The next XX indicates trough angle:  
20 = 20 degree  
35 = 35 degree  
45 = 45 degree
5. The next X indicates duty rating:  
M = Medium-Duty
6. The next X indicates bar type:  
R = Rubber  
U = Urethane  
M = MSHA
7. The next X indicates material type:  
P = Painted  
S = Stainless Steel
8. The next X indicates shipping options:  
A = Fully Assembled  
C = Component Parts
9. The next X indicates stringer type:  
E = EVO®  
S = Standard



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