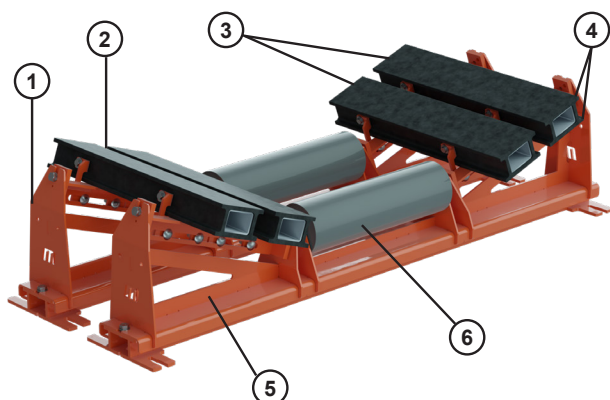


Martin® Trac-Mount™ Slider Cradle



BENEFITS

- **Stabilizes Belt Path**
Cradles support belt edges, allowing effective seal.
- **Protects the Belt**
Cradles eliminate pinch points where trapped material can gouge the belt.
- **Low Friction**
Belt glides over low friction UHMW or stainless steel bars with low drive-power consumption of drive power and minimal heat buildup.
- **Double Wear Life**
Unique “box” design of UHMW bar allows use of both top and bottom surface.
- **Simple to Service**
To compensate for wear, adjust cradle easily with hand tools. Simple bar change without system disassembly.
- **Ordered to Match Conditions**
Cradles ordered to match belt width and trough angle.

NOTES

- Typical bars and cradles are 48 in. (1220 mm) in length. Special lengths are available.
- Martin Engineering recommends the installation of a Martin® Trac-Mount™ Idler set before and after each cradle.
- When installing one or more Martin® Trac-Mount™ Slider Cradles, it is necessary to check for adequate power in the conveyor drive to overcome the additional friction against the belt. Contact Martin Engineering for additional information.
- Martin® Trac-Mount™ Slider Cradles are not recommended for conveyors operating at speeds over 700 fpm (3.5 m/sec) or that are less than 50 ft (15 m) in length. To improve belt support on short conveyors or high-speed belts, contact Martin Engineering.

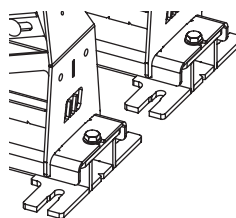
Installed under the skirtboard of a transfer point, **Martin® Trac-Mount™ Slider Cradle** support the edges of the belt to eliminate sag. These cradles prevent transfer point spillage by stabilizing the belt’s path and allow the effective sealing of the belt edge. Cradles are available with high-performance UHMW or stainless steel bars to match application requirements.

FEATURES

- | | |
|------------------------------------|---|
| 1 Ordered to match belt width | 4 Double the wear life |
| 2 Single-bar or double-bar designs | 5 Slider bars mounted on sliding sleeves reduce maintenance |
| 3 Low-friction bars | 6 Center support rollers |

SELECTION GUIDE

Belt Width	Bars Per Side
18-24 in. (450-610 mm)	One
30-42 in. (700-1100 mm)	One
48-72 in. (1200-1800 mm)	Two



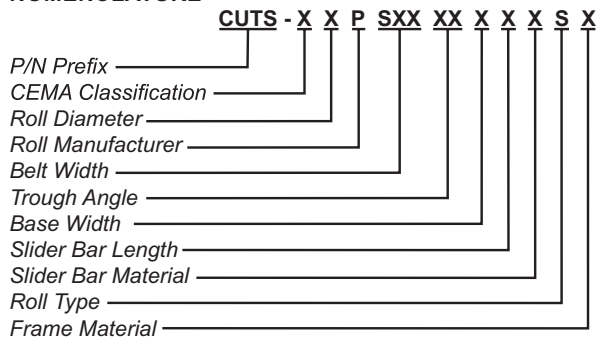
Martin® Trac-Mount™ design incorporates slider bars mounted on sliding sleeves to reduce maintenance. Bars slide to one side or the other.

MARTIN® SUPPORT BAR

Bar Materials	UHMW Polyethylene
Bar Dimensions (Typical; Other lengths are available)	Height: 2.9 in (72 mm) Width: 5.0 in (127 mm) Length: 48 in (1220 mm)
Coeffecient of Friction	0.5
Specific Gravity	0.94
Durometer	62 (Shore D)
Service Temperature	-20° to 140°F (-29° to 60°C)
Replacement Bar	P/N 31275

TECHNICAL DATA SHEET

NOMENCLATURE



CEMA CLASSIFICATION:

C or D

ROLL DIAMETER:

5 or 6 in.

ROLL MANUFACTURER:

P: Precision Pulley and Idler

BELT WIDTH:

SXX: EX. S48 = 48" BELT

CEMA C: 18—60 in.

CEMA D: 24—72 in.

TROUGH ANGLE:

20: 20 Degrees

35: 35 Degrees

45: 45 Degrees

BASE WIDTH:

S: Standard Base (Belt Width + 12 in.)

W: Wide Base (Belt Width + 18 in.)

SLIDER BAR LENGTH:

2: 24.00 in.

4: 48.00 in.

SLIDER BAR MATERIAL:

U: UHMW Slider Bars

C: 304 Stainless Steel

S: 316 Stainless Steel

ROLL TYPE:

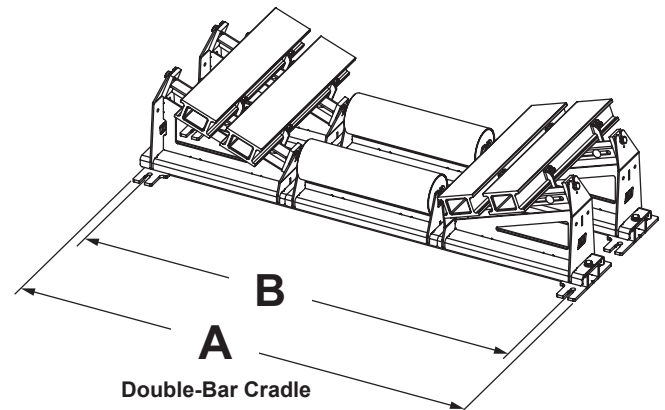
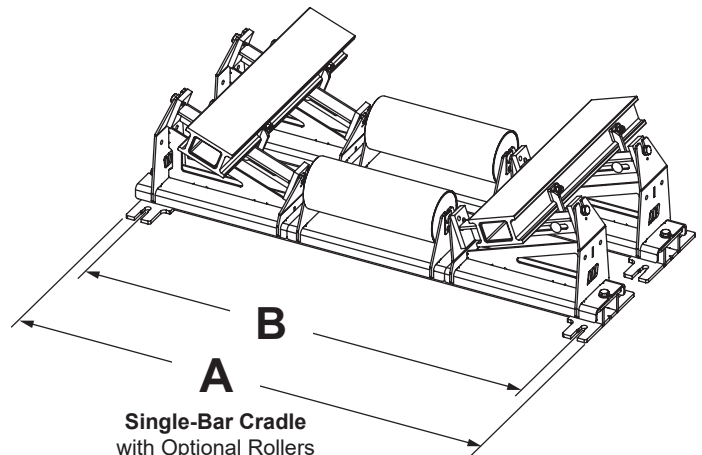
S: Steel Can

FRAME MATERIAL:

P: Mild Steel

C: 304 Stainless Steel

S: 316 Stainless Steel



DIMENSIONS & ORDER INFORMATION

P/N	Belt Width in (mm)	Stringer Style	Frame Width (A) in (mm)	Mounting Centers (B) in (mm)
Single-Bar Cradles				
CUTSXXPS18XSXXXX CUTSXXPS18XWXXXX	18 (350-500)	Standard Base Wide Base	29.5 (750) 35.5 (902)	27 (686) 33 (838)
CUTSXXPS24XSXXXX CUTSXXPS24XWXXXX	24 (500-650)	Standard Base Wide Base	35.5 (902) 41.5 (1054)	33 (838) 39 (991)
CUTSXXPS30XSXXXX CUTSXXPS30XWXXXX	30 (650-800)	Standard Base Wide Base	41.5 (1054) 47.5 (1207)	39 (991) 45 (1143)
CUTSXXPS36XSXXXX CUTSXXPS36XWXXXX	36 (800-1000)	Standard Base Wide Base	47.5 (1207) 53.5 (1359)	45 (1143) 51 (1295)
CUTSXXPS42XSXXXX CUTSXXPS42XWXXXX	42 (1000-1200)	Standard Base Wide Base	53.5 (1359) 59.5 (1511)	51 (1295) 57 (1448)
Double-Bar Cradles				
CUTSXXPS48XSXXXX CUTSXXPS48XWXXXX	48 (1200-1400)	Standard Base Wide Base	59.5 (1511) 65.5 (1664)	57 (1448) 63 (1600)
CUTSXXPS54XSXXXX CUTSXXPS54XWXXXX	54 (1400-1600)	Standard Base Wide Base	65.5 (1664) 71.5 (1816)	63 (1600) 69 (1753)
CUTSXXPS54XSXXXX CUTSXXPS54XWXXXX	60 (1600-1800)	Standard Base Wide Base	71.5 (1816) 77.5 (1969)	69 (1753) 75 (1905)
CUTSXXPS72XSXXXX CUTSXXPS72XWXXXX	72 (1800-2000)	Standard Base Wide Base	83.5 (2121) 89.5 (2273)	81 (2057) 87 (2210)



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