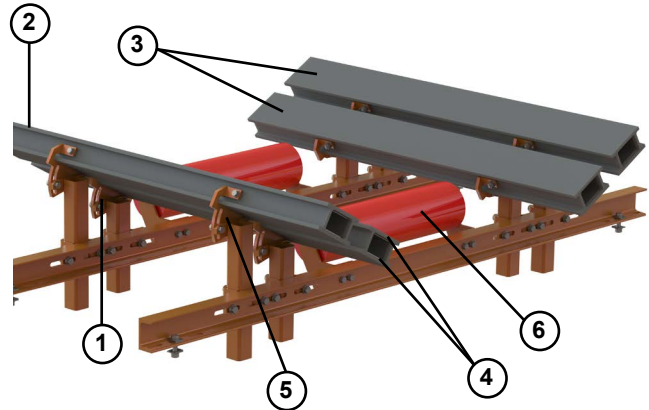


Martin® Slider Cradle

Installed under the skirtboard of a transfer point, **Martin® Slider Cradles** 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 Bars to match application requirements.

BENEFITS

- **Metric Design**
The Martin® Slider Cradles are dimensionally adapted to metric conveyor systems and can be combined with European Martin® Impact Cradles and Martin® Trac-Mount™ Idlers.
- **Stabilizes Belt Path**
Cradles support belt edges, allowing effective skirting.
- **Protects the Belt**
Cradles avoids the pinch points where trapped material can damage the belt.
- **Low Friction**
The conveyor belt glides over low friction UHMW bars with requiring very little added driving force and minimal heat formation.
- **Double Wear Surface**
Unique "box" design of UHMW bar allows use of both top and bottom surface of a bar.
- **Low Maintenance**
To compensate for wear, adjust cradle easily with hand tools. Simple bar replacement, without dismantling the entire system.
- **Cradles to Fit Conditions**
Cradles can be easily adjusted to fit any troughing angle between 0° to 45°. Additional options available on request to meet diverse application requirements.



FEATURES

- | | |
|-------------------------------------|--|
| 1. Adjustable to match belt trough | 4. Double the wear life |
| 2. Single-bar or double-bar designs | 5. Adjustable for wear |
| 3. Low-friction bars | 6. Center support rollers (Standard on double-bar cradles) |

SELECTION GUIDE

Belt Width	Bars Per Side	Center Support Rollers
500 - 1200 mm	One	N/A
1400 - 1800 mm	Two	Two Included

SPECIFICATIONS

Belt Width (mm)	Trough Angles	Maximum Belt Speed (m/sec.)	Operating Temperature (°C)	Reversing operation
500 - 1800	0° - 45°	3,5	-30 - +60	Yes

NOTES

- We do not recommend using the belt support system if the conveyor speed exceeds 3.5 m/s and/or the belt is shorter than 15 meters. Please contact Martin Engineering for further information.
- Martin Engineering recommends the installation of a Martin® Trac-Mount™ Idler set before and after each cradle.
- When installing one or more Martin® 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.
- For heavy-duty applications a customised design is recommended. Please contact Martin Engineering for further information.

TECHNICAL DATA SHEET

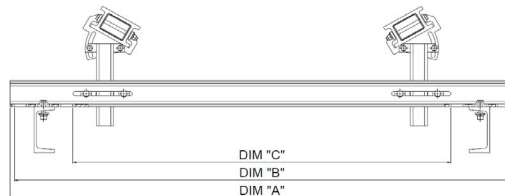
NOMENCLATURE

P/N Prefix 41792 - XXX X
Belt Width (cm) _____
Material Option _____

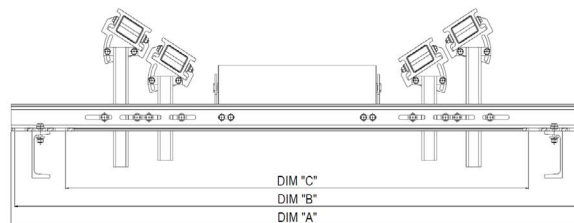
P : Painted Steel (1.0037 or equivalent / RAL 2004)

DIMENSIONS

Belt Width in (mm)	Frame Width (A) in (mm)	Maximum Mounting Centers (B) in (mm)	Minimum Mounting Centers (C) in (mm)
500	920	896	554
650	1070	1046	704
800	1270	1246	904
1000	1470	1446	1104
1200	1720	1696	1354
1400	1920	1896	1554
1600	2170	2146	1804
1800	2370	2346	2004



Single-Bar Cradle
(500-1200 mm)



Double-Bar Cradle
(1400 – 1800 mm)

TECHNICAL SPECIFICATIONS OF THE BARS

Bar Materials	UHMW Polyethylene
Bar Dimensions (L x W x H)	1220 x 127 x 72 mm
Friction Coefficient	0.5
Specific Weight	0.94
Durometer	62 (Shore D)
Operating Temperature	-30° to +60°C
Belt Speed, max.	3,5 m/s
Bar Part Number	31275



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