



BULK MATERIALS HANDLING SOLUTIONS
MADE BETTER

K-Polymer Conveyor Roller

K-Polymer conveyor roller is the new generation heavy duty light weight, alternative to a steel shell roller. It offers the best solution to roller failure caused by corrosion in humid and wet conditions. Although the roller is light weight, approximately 50% that of steel, it is engineered using modern polymer and fibre (HDPE) materials to substantially out last steel. Comparative wear test prove this are available on request.

The light weight design means that risk of back injury is significantly reduced as manual handling is made easier, especially when carrying up steep inclines.

K-Polymer rollers are in most cases self cleaning by not allowing carry back to stick to the non porous shell, causing mistracking, potential spillage or belt wear.

Rollers are interchangeable with existing steel rollers by having the same diameters, bearing and shaft sizes.

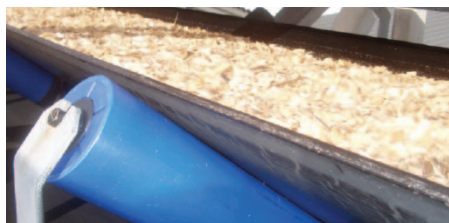
K-Polymer rollers are installed in almost every type of belt conveying application. They are fast becoming the preferred option over conventional steel rollers.

Many users report the significant noise reduction compared to steel rollers and tests document the quiet operation.

Our standard stock range covers conventional interchangeable shaft Australian configurations but all made to order dimensions can be accommodated.

All components are recyclable. Any used rollers maybe returned to us for recycling. Refer to our recycle policy.

- 50% less weight than steel.
- Belt friendly.
- Quiet.
- Corrosion Resistant.
- Wear Resistant.
- UV Resistant.



BRITRAC (AUS) PTY LTD

P: 07 4774 6949 | F: 07 4774 6887 | E: sales@britrac.com | W: www.britrac.com



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| Shell Diameter | Shaft Diameter at Bearing | Bearing Series |
|----------------|---------------------------|----------------|
| 89mm | 17mm | 6203 |
| 89mm | 20mm | 6204 |
| 102mm | 20mm | 6204 |
| 102mm | 25mm | 6205 |
| 108mm | 20mm | 6204 |
| 108mm | 25mm | 6205 |
| 114mm | 20mm | 6204 |
| 114mm | 25mm | 6205 |
| 127mm | 20mm | 6204 |
| 127mm | 25mm | 6205 or 6305 |
| 127mm | 30mm | 6206 |
| 133mm | 20mm | 6204 |
| 133mm | 25mm | 6205 or 6305 |
| 133mm | 30mm | 6206 |
| 140mm | 25mm | 6205 or 6305 |
| 140mm | 30mm | 6206 |
| 152mm | 25mm | 6305 |
| 152mm | 30mm | 6206 or 6306 |
| 152mm | 35mm | 6207 |
| 159mm | 30mm | 6306 |
| 159mm | 35mm | 6207 |
| 159mm | 40mm | 6308 |

Belt Range : 400 to 2400mm

Roller Diameters : 89 mm, 102 mm, 114 mm, 127 mm, 152mm, 159 mm (*other sizes available on request*)

Shafting : C1045 precision ground.

Seals : Nylon Triple Labyrinth with rubber outer weather seal.

Bearing Type : NTN Brand, ZZ Series, (*other brands available on request*)

Test Results : Rim Drag, TIR and Dynamic Unbalance Measurements are available on request.



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