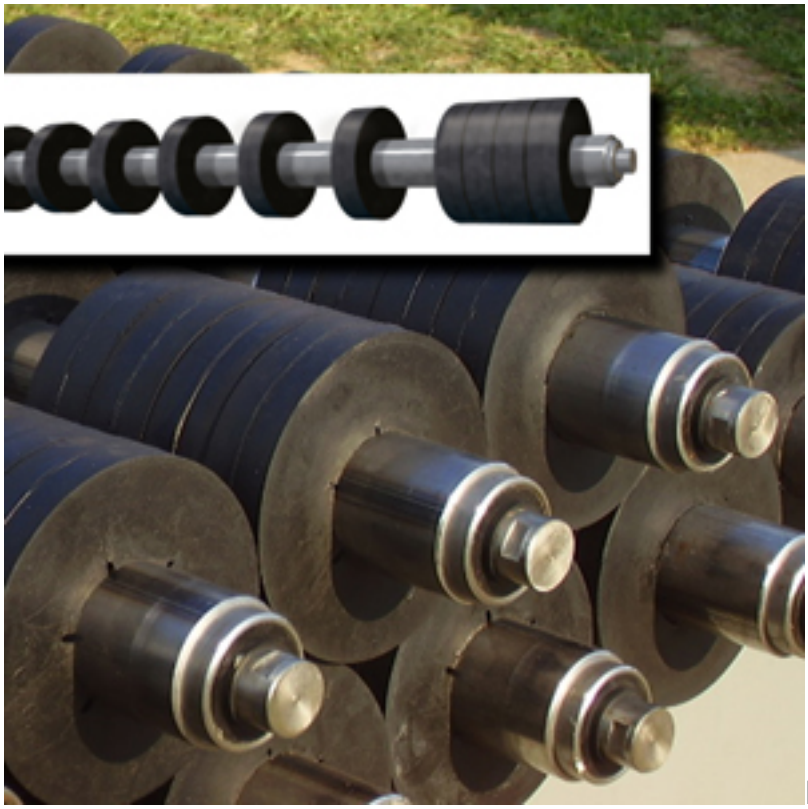
Corrosion Resistance on a Roll



Rubber disc return rollers from Elite Roller Manufacturing feature four tapered roller bearings (two in each hub) for unrivaled smooth, true operation and a service life that is up to three times longer than traditional two-bearing roller designs. The company says that the rollers are characterized by:

- In addition to significantly longer service life, the patented “quad bearing” design withstands more severe applications than traditional rollers.
- Made with universal shafts, and 5-, 6- or 7-inch diameters, they fit any manufacturers’ brackets.
- They are ideal for abrasive and corrosive environments, including use in mining, aggregate materials handling, power plants and more.
- In addition to longevity, the patented Elite design allows the re-use of the axle assembly.
- Because there is no welding on the idler assembly, any damaged parts can be replaced in just minutes.
- Rollers can be refurbished at a fraction of the price of new ones, with 90 percent of the materials re-used.
- They are available with standard shell thickness of 3/16 and ¼ inch.
- Standard rollers include ¾-inch bearings, while heavy duty rollers are equipped with 1 ¼-inch bearings.
- They are available for belt widths of 18to 96 inches.
- An inner support tubes ensures that hubs are independent of each other for

smoother operation and longer life.
- Stainless steel shafts are also available for corrosive applications.

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