

Installation Instructions: K-Spiromax® Cleaning & Tracking Roller

Product:	K-Spiromax® Cleaning and Tracking Roller
Product category:	Belt Cleaning System Products
Overview:	The function of the K-Spiromax® Cleaning and Tracking Roller is to help clean the conveyor belt. It should be used in conjunction with a primary or secondary cleaners to achieve its best efficiency, but can also be used where a conventional scraper is not able to be used, such as belts with mechanical joints. The design also helps to track the conveyor belt.



Procedure:

1. Isolate, lock and danger tag the conveyor at the main positive isolator in accordance with the appropriate occupational health and safety regulations to prevent unauthorised starting.
2. The K-Spiromax® Cleaning and Tracking Roller is designed to fit into the existing return roller brackets or install using the new brackets (if supplied).
3. The K-Spiromax® Cleaning and Tracking Roller should operate with the spiral direction inwards to aid tracking. The preferred rotation direction is printed on the outside of the roller.
4. If the installation requires new brackets to be fitted, make sure they are bolted and square to the structure to ensure correct belt tracking.
5. The K-Spiromax® Cleaning and Tracking Roller should be installed in a location which is practical to remove as much carry back as possible. Normally near the discharge point of the conveyor.

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6. It is not designed to act as a tension snub roller.
7. Install so that there is a slight belt deviation/tension on the K-Spiromax® Cleaning and Tracking Roller. This is usually achieved simply by replacing the existing roller, as the diameter of the spirals are greater than the replaced roller. Further tension may be achieved using packers or modifying brackets to increase performance.
8. The installation is now completed. Remove all tools and equipment and replace guards.
9. Remove personnel danger tags and unlock main positive isolator and close.
10. Start belt on test or manual control; then return conveyor to service and observe performance.

