CAMBRIDGE
ENGINEERED SOLUTIONS
www. Cambridge-ES.com

CLEANING PROCEDURE
FOR SPIRAL SYSTEMS

Objective

1. Remove all grease and dirt (product residue) from the cage and the belt support structure.

2. Remove the grease and dirt from the support rails and drive bar caps.

3. Remove the product residue, grease and dirt from the belt.

Procedure

1. The degreasing chemical should be sprayed on the entire system and allowed to set as instructed by the chemical company.

2. A high pressure washer with a long wand is then used first to wash the cage superstructure, then move to the belt support structure.

3. The belt support rails are next to be washed. The support rails should be washed from the top to the bottom. Wash the dirt and grease from the wear strips and the wear strip support.

4. The belt then can be pressure washed as it runs on the unit. Particular attention should be paid to the edges of the belt because they are the points of contact with the drive bar caps. Running the belt will help clean the top of the wear strips. A cloth can be tied to the underside of the belt and pulled through the system to further aid in cleaning the wear strip. Care must be given that the cloth does not damage the belt. The cloths must be installed at the in-feed and removed at the discharge. Do not allow cloth to run thru the belt drive or take-up.

5. Finally, the drive bar caps should be pressure washed. This is done last to keep any grease from getting on them, thus reducing drive friction.

6. A sanitizing chemical should be applied following chemical company directions and then power washed off.

7. On freezer systems the fans should be used to remove excess moisture from the belt and superstructure. This will help keep the belt from freezing solid during start up.