



DRY SLAG COOLING CONVEYOR

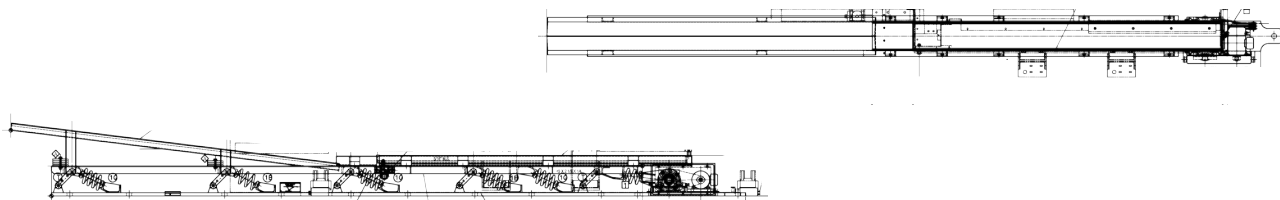
General Kinematics Dry Slag Cooling Conveyor eliminates popcorn slag, slag pans, and apron conveyors. With GK's Dry Slag System, slag is conveyed, cooled indirectly, and transformed into a semi-solid pancake slag. The patented indirect cooling trough technology of the Dry Slag Cooling Conveyor means slag can immediately be containerized or discharged to a quench tank. Units are available in custom widths and lengths to fit your process. With GK's dry slag technology, customers receive a solidified aggregate slag which can provide beneficial reuse and eliminate filling landfills.

Features

- Process eliminates "popcorn" slag commonly seen in other water quenching processes.
- Creates granular material that can be used for aggregate in other industries.
- Utilizes GK's patented indirect cooling trough technology to consistently maintain product temperature.
- Custom designed to fit your process and space constraints.



CAD Example



Application Photos



WET SLAG COOLING CONVEYOR



General Kinematics Wet Slag Conveyors were originally designed and patented by General Kinematics in the late 70's, and are still the most rugged machine for quenching slag, dross, and other hot metal and metal by-products. General Kinematics vibratory Wet Slag Conveyors combine a water reservoir within a vibratory feeder to provide you with a clean and effective way to quickly cool slag or other hot materials. GK Wet Slag Conveyors accept hot material directly, instantly quenching the material. The molten slag is quenched and cooled in the water bath creating popcorn slag which is then conveyed out and ready for immediate disposal.



WET SLAG CONVEYOR FEATURES

- Vibratory action conveys post-quench material to a container or further processes while retaining the water bath in the trough.
- Closed loop water system is clean and easy to maintain.
- New water is added only to compensate for loss through evaporation.
- Vibratory conveyor is balanced and isolated to minimize vibration transmission and foundation requirements.
- Designs available with customized drives and troughs to meet your elevation requirements.
- Standard features include stainless steel trough construction and bolted wood plank inlet for maximum protection against corrosion and molten contact wear.