

DRY SLAG COOLING

A GK Patented Design

Efficiently cools slag

General Kinematics dry slag cooling conveyor eliminates popcorn slag, pans, and apron conveyors. With the GK dry slag system, slag is cooled with indirect outer chilled trough, conveyed and transformed into pancake slag. Conveyed material can immediately be containerized or can be discharged to a quench tank. Units are available in custom widths and lengths to fit your process.

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 cooling trough technology to consistently maintain product temperature
- ✓ Custom designed to fit your process and space constraints



WET SLAG COOLING/QUENCH



Hot materials solution

General Kinematics vibratory quenching conveyors combine a water reservoir for cooling material with the conveying action of vibratory to provide you with a clean and effective way to cool slag, glass, castings, or other hot materials.

Advantages

- ✓ 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 to compensate for loss through evaporation
- ✓ Vibratory conveyor is balanced and isolated to minimize vibration transmission and foundation requirements
- ✓ Designs available with customized drives or troughs to meet your elevation requirements
- ✓ Optional features include: stainless steel trough construction and bolted wood plank inlet for maximum protection against molten contact

