Converta-Screen® Heating

Reduce screen plugging due to wet or damp material by adding a screen heating transformer. The system can be added to an existing Midwestern high-frequency screener or installed on most other makes and models. This simple and effective process to eliminate blinding is a cost-effective way to maintain higher production rates.

Midwestern® INDUSTRIES, INC.

Screen efficiency is often affected by moisture-induced blinding or moisture in the material being processed. That's because cold wire mesh becomes easily clogged with a buildup of damp, fine material that causes the screen to blind. Attempting to clean your screens with hammers, chains, or using expensive specialty slotted screen panels, doesn't offer a permanent solution.

Damp, fine material tends to stick to cold wire mesh causing continuous buildup, closing the opening in the screen. These same damp particles will not adhere to a warm wire. Low-voltage, Converta-Screen electrical heating equipment heats the wire enough to keep the damp material from adhering to the wire, keeping the screen open and allowing the material to pass through.

Screen heating installed on a Midwestern MEV®.

Two screen heating units installed on a non-Midwestern Industries screener.

A brick plant utilizing screen heating on multiple MEV screeners.

midwesternind.com | sales@midwesternind.com | 877-4-SIZING (877-474-9464)

Stop Moisture Induced Blinding

Adding moisture can control dusty material that may be a health hazard or cause annoying clouds of airborne particulate. This dampness can clog an unheated screen, but with Converta-Screen® Heating equipment, your material is processed without any interruption. Converta-Screen Heating is safe and shock-proof. All exposed conductors carry only as much voltage as a toy electric train.

By working closely with a Midwestern Industries screening professional, we can help determine the best way to eliminate your moisture-induced blinding. Whether it's a single deck or more, Midwestern's screen heating system can help improve your screening process.

Before Screen Heating

The damp material is plugging up the screening surface by adhering to the wire mesh, reducing the efficiency, capacity, and overall performance of the screener.

After Screen Heating

By applying a low-voltage current through the screen mesh, the surface tension is broken and the damp material is unable to stick to the wire mesh.

midwesternind.com | sales@midwesternind.com | 877-4-SIZING (877-474-9464)