

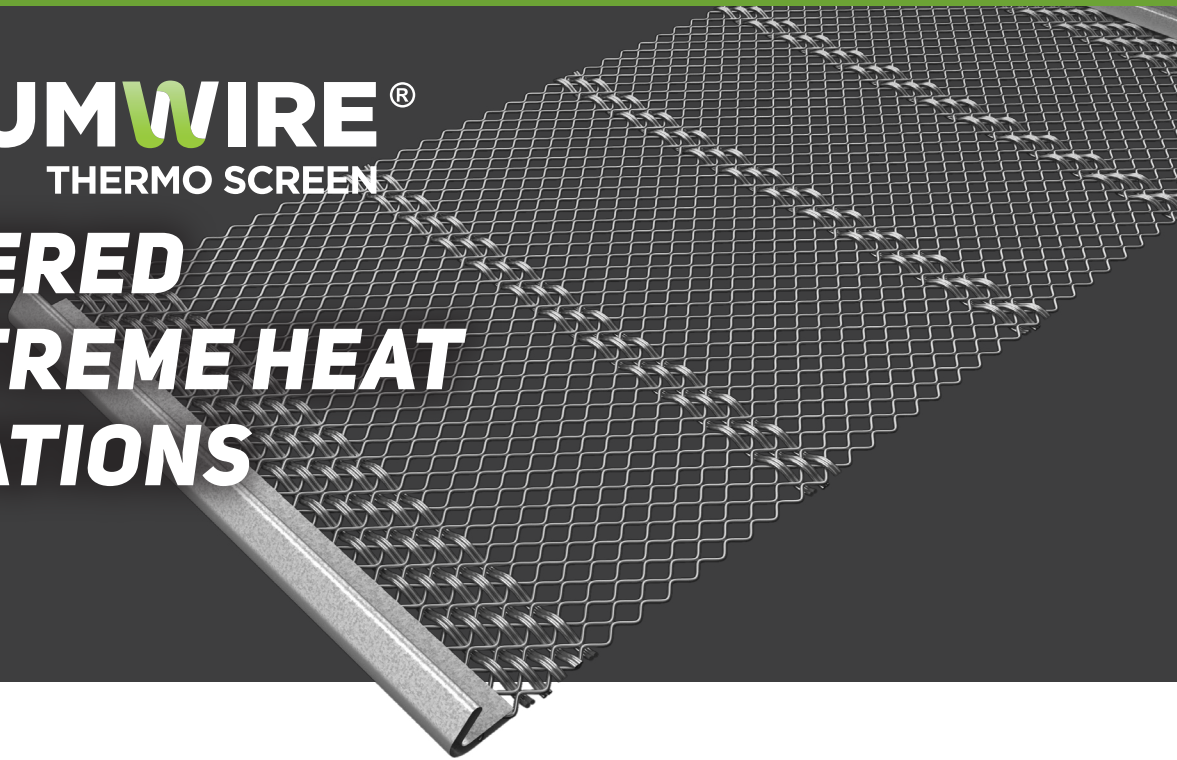


HIGH VIBRATION WIRE SCREEN

THERMO SCREEN

OPTIMUMWIRE®
THERMO SCREEN

**ENGINEERED
FOR EXTREME HEAT
APPLICATIONS**



WHAT IS A OPTIMUMWIRE THERMO SCREEN?

Thermo Screen is a high-temperature self-cleaning, high-vibration screen media engineered for extreme heat applications. Its unique design allows individual wires to vibrate independently, drastically improving stratification and screening performance. With its ability to withstand high temperatures and eliminate common screening issues like blinding, pegging, and clogging, Thermo Screen is the ideal solution for challenging environments.

HOW DOES OPTIMUMWIRE THERMO SCREEN WORK?

- **High-Frequency Vibration:**

Thermo Screen operates at a high frequency, enabling individual wires to vibrate separately. This independent vibration accelerates the stratification process, allowing coarse materials to rise to the top and fine materials to settle at the bottom.

- **Enhanced Material Flow:**

The vibrating wires ensure optimal material flow through the screen, preventing blockages and reducing downtime.

- **No Blinding, Pegging, or Clogging:**

Even in humid conditions or with sticky materials, the vibrating action of Thermo Screen eliminates common screening problems, providing consistent performance regardless of weather or material challenges.

Contact your local authorized MAJOR dealer today or call us at :

USA > **1-877-357-9473** or 1-877-357-WIRE

CDN > **1-833-586-2567** or 1-833-58MAJOR



HIGH VIBRATION WIRE SCREEN

APPLICATIONS

Thermo Screen is designed to perform in high-temperature, high-abrasion environments across a variety of industries, including:

1. Asphalt Recycling & Production:
 - Handles extreme temperatures above 275°F and abrasive materials.
 - Eliminates heat-related clogging for smooth operation and high throughput.
2. Hot Clinker Screening:
 - Ideal for cement manufacturing, where materials exceed 1200°C (2192°F) as they exit the kiln.
3. Quicklime Screening:
 - Perfect for lime production, handling calcined lime at elevated temperatures.
4. Hot Mineral Screening:
 - Used in mining processes involving silica, bauxite, or other preheated materials.
5. General High-Heat Industrial Applications:
 - Suitable for any process requiring robust, heat-resistant, and self-cleaning screening solutions.

ASPHALT PRODUCTION CASE STUDY:

Challenge:

An asphalt production facility faced frequent downtime and reduced throughput due to clogging and blinding of screens under high temperatures and abrasive conditions.

Solution:

The facility installed Thermo Screens on all decks, replacing traditional screens that struggled in the demanding environment.

Results:

- Increased Efficiency: Throughput increased by 35%, thanks to enhanced material flow and reduced clogging.
- Reduced Downtime: Maintenance and replacement costs dropped by 40%, as the self-cleaning action eliminated the need for frequent interventions.
- Improved Durability: Thermo Screen withstood extreme heat and abrasion, maintaining peak performance over extended use.

WHY CHOOSE OPTIMUM WIRE THERMO SCREEN?

- Extreme Heat Resistance: Engineered to excel in high-temperature environments.
- Self-Cleaning Technology: Eliminates blinding, pegging, and clogging for uninterrupted operation.
- Improved Productivity: Enhances stratification and throughput, reducing downtime and costs.
- Versatility: Ideal for asphalt, cement, mining, and more.

**GIVE A TRY TO THE NEW VERSATILE, SELF-CLEANING,
EXTREME HEAT RESISTANCE OPTIMUM WIRE**