

FLEXIBLE SCREEN SOLUTIONS

For The Aggregate and Mining Industry



neo8im

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Flexibility in Every Vibration, Efficiency in Every Minute.

Flex screens are next-generation screening systems developed to enhance the efficiency of modern crushing and screening plants. They combine the precision of traditional woven screens with a service life approaching that of polyurethane screens.

Wire Flex Screens combine the strength of steel wire with the elasticity of flexible joints to deliver a non-clogging, self-cleaning, and long-lasting screening solution for the stone, mining, and aggregate industries.





Engineering Durability and Flexibility

Flex screens are produced by combining specially tensioned steel wires with polyurethane or rubber crossbars. This design allows each wire to vibrate independently, keeping the material flowing smoothly and the screen surface clean.



Structural Advantages

- High elasticity: less wire breakage/cracking
- Low noise level
- Easy installation: Fits existing woven screen frames



Material Options

- High-carbon steel
- AISI 320 stainless steel (for wet environments)
- Polyurethane binders



Maximum Efficiency With Flowing Material



No More Clogging

It vibrates freely, shaking off fine particles and enabling self-cleaning performance. This makes a significant difference especially with wet, fine and sticky materials.

Performance Advantages:

- Longer maintenance intervals
- Continuous material flow
- Reduced clogging rate
- Stable product sizing (consistent fractions in aggregates)



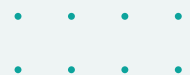
Increase Efficiency, Reduce Downtime.

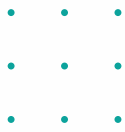
Every plant operating under tough conditions shares the same need, a longer-lasting, more efficient and low-maintenance screening system.



Flex Screens Provide You With;

- Longer service life
 - Higher production capacity
 - Lower maintenance costs
 - Full compatibility with standard frames
- ensuring operational continuity for your plant.





Hard Rock, Wet Ore... One Solution For All.

Flex screens can be used in the dry or wet aggregate screening sections of stone quarries, as well as in the ore preparation stages of mining operations.



Flex screens combine the simplicity of woven meshes with the durability of polyurethane

Feature	Flex	Woven	Polyurethane
Anti-Clogging	★★★★★	★★☆☆☆	★★★★★
Precision	★★★★★	★★★★★	★★☆☆☆
Wear Resistance	★★★★★	★★☆☆☆	★★★★★
Noise Level	★★★★★	★☆☆☆☆	★★★★★
Cost	★★★☆☆	★★★★★	★☆☆☆☆
Compatibility	★★★★★	★★★★★	★★☆☆☆
Service Life	2 - 4x longer	Medium	Long



High-Carbon Steel

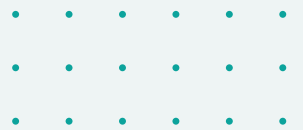
Flex screens, with mesh openings ranging from 2 to 32 mm, are manufactured from 74 carbon spring steel with wire thicknesses between 1.5 and 6 mm, depending on the aperture size. For wet aggregate processing and chemically abrasive production plants, they are also produced from 1.5 mm AISI 320 stainless steel.





Flex Screen

The Smart Choice
For The Mining and
Quarry Industry.



For technical information,
sizing, and a price quotation,
please contact us.