

FLEX-MAT®

HIGH VIBRATION WIRE SCREEN

APPLICATION CASE STUDY LIMESTONE SCREENING > Europe

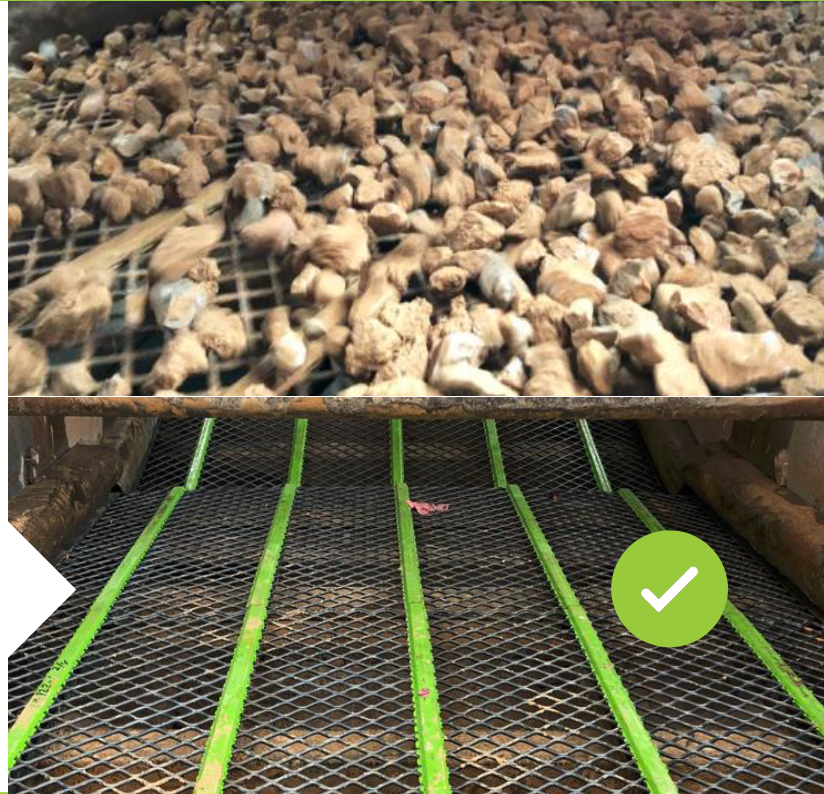
SITUATION: A limestone screening operation in Europe faced a significant bottleneck in their process due to the limited capacity of their screen box. The crusher, a Metso LT1213S, was operating at an average capacity of only 50%.

PROBLEM:

The screen box's limited capacity constrained the overall efficiency of the operation, causing the crusher to operate at only half of its potential capacity. This inefficiency led to suboptimal productivity and increased operational costs.

SOLUTION:

The plant switched to Major's FLEX-MAT Modular D Series screens. This change improved the screen box's capacity, enabling the crusher to operate at 70-80% capacity



BENEFITS:

- > **Increased Crusher Capacity:** Crusher capacity rose from 50% to 70-80%, boosting productivity.
- > **Extended Wear Life:** FLEX-MAT screens lasted over 600,000 tons, cutting replacement and maintenance costs.
- > **Improved Efficiency:** Smoother operations and higher throughput by removing screening bottlenecks.

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