



## HIGH VIBRATION WIRE SCREEN

### APPLICATION CASE STUDY

LIMESTONE > Germany

**SITUATION:** The Kirchen gravel plant in Baden-Württemberg, Germany, was running at low capacity with frequent cleaning shutdowns while screening limestone.

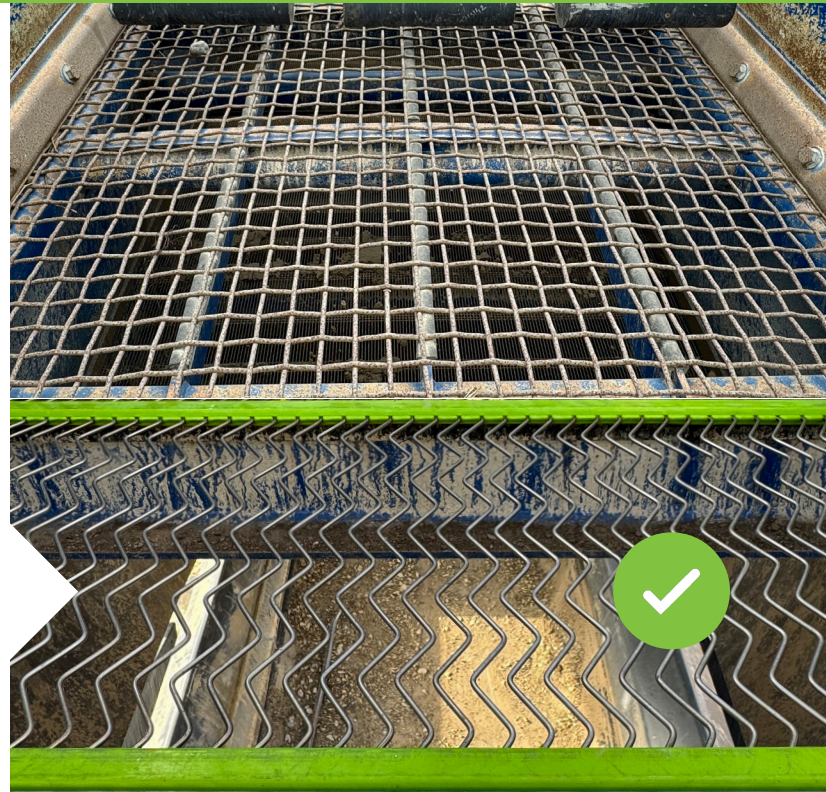
#### PROBLEM:

Frequent pegging of limestone required shutdowns every two hours to clean woven screens, significantly affecting efficiency and maintenance costs.

#### SOLUTION:

The plant switched to Major's FLEX-MAT Series S on both the top and bottom decks of a Kleemann MSS 802i EVO.

This eliminated blinding and clogging issues and allowed the plant to operate for weeks without needing to clean the screens.



#### BENEFITS:

- > **Enhanced Operational Efficiency:** Continuous operation without frequent interruptions previously caused by pegging, boosting efficiency by over 25%.
- > **Reduced Maintenance and Extended Screen Life:** The switch to FLEX-MAT reduced manual cleaning and increased screen life by 4X, significantly cutting downtime and maintenance costs.

**INCREASED SCREEN LIFE BY 4X  
AND BOOSTED EFFICIENCY BY  
OVER 25%.**