



# Grizzly screen for limestone

**Product group:** Linear vibrating screen

**Industrial process:** screening, classifying, dewatering

**Industry:** Construction, Quarries, Pits, Mining, Cement

**Type of drive:** Unbalance exciter

**capacity (t/h):** 800 | **bulk:** limestone | **density (t/m<sup>3</sup>):** 1,44 | **grain size (mm):** 1000

**function:**

Primary system:

- AVITEQ hopper discharge
- loading a crusher 1400 mm wide
- screening separation about 40 mm.

**solution:**

Grizzly screen type VSR 1300/7500-ASS VU78000 / 8-S08:

- huck bold construction
- Entry zone screwed onto section beams 4000 mm long
- 4 deck bar grates arranged in a cascade and with staggered rows (gap width: 35/45 mm)
- Drive: unbalance exciter  $F_c = 450$  kN directly with cardan shaft to a drive motor 45 kW - 1000 U / min driven

**usability:**

The AVITEQ grizzly screen has to feed the crusher with a throughput up to 800 t / h. And the grizzly screen has to relieve the crusher of fine material.

**place of installation:** Algeria