



## Vibrating GRIZZLY Screen for rocks

**Product group:** Linear vibrating screen

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

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

**Type of drive:** Unbalance exciter



**capacity (t/h):** 600 | **bulk:** Rocks | **density (t/m<sup>3</sup>):** 1,6 | **grain size (mm):** 0-1000

**function:**

Rock is delivered by truck into bunker. An extraction machine then takes care of the transport from the bunker to the crusher. During the feeding process to the crusher, the undersize and medium grain should be screened out so that only the oversize is fed to the crusher. At this point, the use of a Vibrating GRIZZLY screen is necessary.

**solution:**

A Vibrating GRIZZLY screen with a width of 1800mm and a length of 4750mm was installed between the extraction machine and crusher, which is driven by an unbalance exciter. A rubber coating in the inlet area of the screen trough provides the necessary impact protection. Subsequently, the rod grate screen ensures the desired separation of the undersize and medium grain from the oversize, so that only the oversize is

transferred to the crusher in the discharge area. Undersize and medium grain are fed back into the process on a belt conveyor after the crusher.

**usability:**

The central point here is the profitability around the crusher. On the one hand, it uses less energy when undersize and medium grain do not have to be processed in the crusher process at all, it protects the crusher in its workload and on the other hand there is also a time saving.

**place of installation:** France