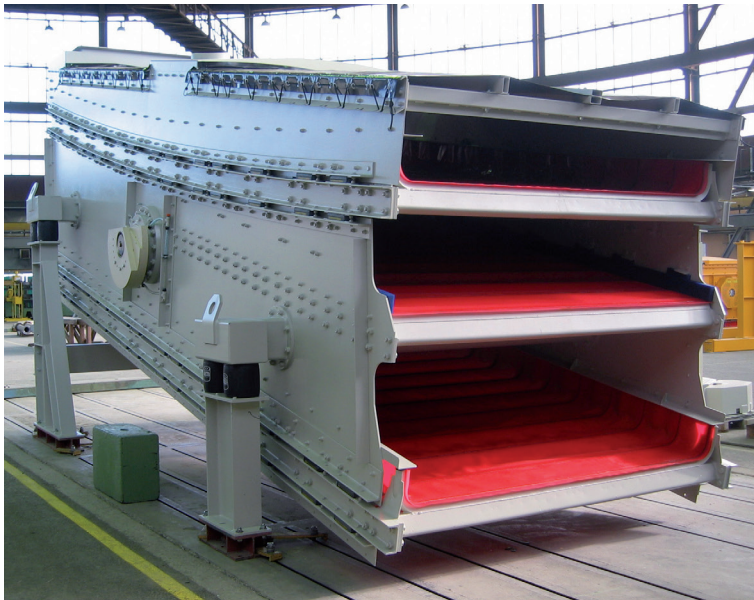


Binder+Co is the market leader in filler removal with BIVITEC



Filler removal from crushed stone sands

Year of construction: 2005
Country: Germany
Feed material: Limestone
Feed rate: 110 t/h
Type of machine: BIVITEC KRL/DD 2400x7 with additional intermediate half deck
Ref. Number: 27436

Starting situation

The marketable end products during the production of crushed stone sands are 0/2 mm, 0/3 mm or 0/5 mm.

One decisive quality criterion of these sands is their proportion of fillers (< 90 µm) which must be as low as possible.

Wet processing in order to minimize this filler fraction is not economically viable (ancillary costs in wet processing are too high), air-separation of the filler is frequently inefficient due to fluctuations in humidity.

Solution by Binder+Co

The BIVITEC screening machine has proven its worth in a large number of assignments for what is generally termed filler removal. The filler fraction of the individual sand products is achieved according to EU standards and the customer's requirements have been met to the utmost satisfaction.

It is also possible with a multi-deck design of the BIVITEC to effect other difficult-to-screen cut points at the same time which naturally increases the plant's process reliability.

Benefit for the customer

- No need to buy in washed sand
- Compliance with legal requirements (in Sweden there has been a ban on the dumping of sands from which fillers have not been removed since 2010)
- Handling of primary raw materials in a manner that is not wasteful