

Refinement of rock salt by special screening machine



Increasing the plant capacity from 350 t/h up to 460 t/h by replacing 9 older conventional screening machines with 4 pieces BIVITEC screening machines from Binder+Co

Year of manufacture: 2006

Country: Germany

Material: rock salt

Feed: 400 t/h, 0/20mm

Original situation

Underground screening of rock salt with 9 conventional screening machines.

Feed capacity: 350t/h, 0/20mm

Nominal cut points: 4,5mm and 0,5mm

Due to the age of the plant the maintenance is very expensive.

The customer requested to increase the capacity, to reach a finer cut point to reduce the losses in the underflow and to increase the product quality by reducing the dust content.

Solution by Binder+Co

- Replacing 9 conventional screening machines by 4 BIVITEC special screening machines
 - 2 pieces KRL/ED 2400x8 – R45 Banana screening machines and 2 pieces KRL/DD 2400x8
- Increasing of feed capacity up to 460t/h
- A finer cut point and therefore increasing the output of product

Benefits for customer

- Improved product quality by reduced content of fines in the product
- Low maintenance costs and reviews
- Better plant overview and less operating expenses

- Processing Technology
- Environmental Technology
- Packaging Technology

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