



Fine screening in a processing plant for waste

Product group: Linear vibrating screen

Industrial process: screening, classifying, dewatering

Industry: Recycling, Environment, Glass

Type of drive: Unbalance motor



capacity (t/h): 12 | bulk: slag (dry) | density (t/m³): 0,8 - 1,2 | grain size (mm): 30 - 80 mm

function:

Within a waste processing plant, the dry discharged slag is to be prepared so that the elements can be re-sold. To relieve a crusher, the fines should be screened out. Within the individual treatment elements there is an additional negative pressure. The bulk material tends to clog in the screen decks (clogged particles).

solution:

AVITEQ chose a fine linear motion screen with unbalance motors (VSB600 / 2800ASG-UVF24X) with a length of 2800mm and width of 600 mm to solve the task. To ensure the tightness, a dust cover made of aluminum and quick releases was used. The quick releases also help to make a quick change of the screening decks. Against the formation of clogged particles a specially developed screening deck was used.

usability:

- Quick change of the screen lining
- Dust proofing
- Less clogged particles

place of installation: Switzerland