



## 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/m<sup>3</sup>):** 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