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